SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS
OFFEROR TO COMPLETE BLOCKS 12, 17, 23, 24, & 30

1. REQUISITION NUMBER: EQ1PSMB-18-0053

2. CONTRACT NO.: 47PB0018D0010

3. AWARD/EFFECTIVE DATE: 8/1/2018

4. ORDER NUMBER:

5. SOLICITATION NUMBER: 47PB0017R0004

6. SOLICITATION ISSUE DATE: 3/26/2018

7. FOR SOLICITATION INFORMATION CALL:

a. NAME: simeon.berry@gsa.gov

b. TELEPHONE NUMBER *(No collect calls)*: 617-565-8618

8. OFFER DUE DATE/ LOCAL TIME:

9. ISSUED BY CODE 1PQB

Acquisition Management Division (1PQ) Contract Operations Branch (1PQB) GSA/PBS
10 CAUSEWAY ST., RM 1100
BOSTON, MA 02222-1077 USA

10. THIS ACQUISITION IS [X] UNRESTRICTED OR [ ] SET ASIDE: % FOR:

[ ] SMALL BUSINESS
[ ] HUBZONE SMALL BUSINESS
[ ] SERVICE-DISABLED VETERAN-OWNED SMALL BUSINESS
[ ] WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOMEN-OWNED SMALL BUSINESS PROGRAM
[ ] EDWOSB
[ ] 8 (A)

NAICS: 561210

SIZE STANDARD: $38.5M

11. DELIVERY FOR FOB DESTINATION UNLESS BLOCK IS MARKED
[ ] SEE SCHEDULE

12. DISCOUNT TERMS

[ ] 13a. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 700)

13b. RATING

14. METHOD OF SOLICITATION
[ ] RFQ [ ] IFB [X] RFP

15. DELIVER TO CODE 1PQB

Acquisition Management Division (1PQ) Contract Operations Branch (1PQB) GSA/PBS
10 CAUSEWAY ST., RM 1100
BOSTON, MA 02222-1077 USA

16. ADMINISTERED BY CODE 1PQB

Acquisition Management Division (1PQ) Contract Operations Branch (1PQB) GSA/PBS
10 CAUSEWAY ST., RM 1100
BOSTON, MA 02222-1077 USA

17a. CONTRACTOR/ OFFEROR CODE 079859134 FACILITY CODE

Jones Lang LaSalle Americas, Inc.
200 E Randolph Dr
Chicago, IL 60601-6436
CAGE Code: 7EM20

TELEPHONE NO.

[ ] 17b. CHECK IF REMITTANCE IS DIFFERENT AND PUT SUCH ADDRESS IN OFFER

18a. PAYMENT WILL BE MADE BY CODE BCFA

PBS Payments Branch
P.O. Box 17181
Ft. Worth, TX 76102-0181

18b. SUBMIT INVOICES TO ADDRESS SHOWN IN BLOCK 18a UNLESS BLOCK BELOW IS CHECKED [ ] SEE ADDENDUM

19. ITEM NO.	20. SCHEDULE OF SUPPLIES/SERVICES	21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT
	See below for additional information *(Use Reverse and/or Attach Additional Sheets as Necessary)*				

25. ACCOUNTING AND APPROPRIATION DATA
Please see attached

26. TOTAL AWARD AMOUNT *(For Govt. Use Only)*
$1,374,435.12

[ ] 27a. SOLICITATION INCORPORATES BY REFERENCE FAR 52.212-1, 52.212-4. FAR 52.212-3 AND 52.212-5 ARE ATTACHED. ADDENDA [ ] ARE [ ] ARE NOT ATTACHED

[X] 27b. CONTRACT/PURCHASE ORDER INCORPORATES BY REFERENCE FAR 52.212-4. FAR 52.212-5 IS ATTACHED. ADDENDA [X] ARE [ ] ARE NOT ATTACHED

[X] 28. CONTRACTOR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN 1 COPIES TO ISSUING OFFICE. CONTRACTOR AGREES TO FURNISH AND DELIVER ALL ITEMS SET FORTH OR OTHERWISE IDENTIFIED ABOVE AND ON ANY ADDITIONAL SHEETS SUBJECT TO THE TERMS AND CONDITIONS SPECIFIED

[X] 29. AWARD OF CONTRACT: REF. JLL OFFER DATED 5/7/2018. YOUR OFFER ON SOLICITATION (BLOCK 5), INCLUDING ANY ADDITIONS OR CHANGES WHICH ARE SET FORTH HEREIN, IS ACCEPTED AS TO ITEMS: All Items

30a. SIGNATURE OF OFFEROR/CONTRACTOR

31a. UNITED STATES OF AMERICA *(SIGNATURE OF CONTRACTING OFFICER)*
(b) (6)

30b. NAME AND TITLE OF SIGNER *(Type or print)*

30c. DATE SIGNED

31b. NAME OF CONTRACTING OFFICER *(Type or print)*
Anthony Pellegrino

31c. DATE SIGNED
07/09/2018

19. ITEM NO.	20. SCHEDULE OF SUPPLIES/SERVICES	21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT

32a. QUANTITY IN COLUMN 21 HAS BEEN

☐ RECEIVED ☐ INSPECTED ☐ ACCEPTED, AND CONFORMS TO THE CONTRACT, EXCEPT AS NOTED: _____

32b. SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE	32c. DATE	32d. PRINTED NAME AND TITLE OF AUTHORIZED GOVERNMENT REPRESENTATIVE

32e. MAILING ADDRESS OF AUTHORIZED GOVERNMENT REPRESENTATIVE	32f. TELPHONE NUMBER OF AUTHORZED GOVERNMENT REPRESENTATIVE
	32g. E-MAIL OF AUTHORIZED GOVERNMENT REPRESENTATIVE

33. SHIP NUMBER	34. VOUCHER NUMBER	35. AMOUNT VERIFIED CORRECT FOR	36. PAYMENT	37. CHECK NUMBER
☐ PARTIAL ☐ FINAL			☐ COMPLETE ☐ PARTIAL ☐ FINAL	

38. S/R ACCOUNT NO.	39. S/R VOUCHER NUMBER	40. PAID BY

41a. I CERTIFY THIS ACCOUNT IS CORRECT AND PROPER FOR PAYMENT		42a. RECEIVED BY *(Print)*	
41b. SIGNATURE AND TITLE OF CERTIFYING OFFICER	41c. DATE	42b. RECEIVED AT *(Location)*	
		42c. DATE REC'D *(YY/MM/DD)*	42d. TOTAL CONTAINERS

SF1449 List of Accounting Strings

Accounting String	Amount Obligated
EK-47PB0018D0010.2018.192X.01.P0125100.PG61.PGA11.K08..MA0050ZZ.....	5 U.S.C. § 552(b)(4)
EK-47PB0018D0010.2018.192X.01.P0125100.PG61.PGA12.K08..MA0050ZZ.....	(b) (4)
EK-47PB0018D0010.2018.192X.01.P0125100.PG61.PGA44.K08..MA0050ZZ.....	(b) (4)
EK-47PB0018D0010.2018.192X.01.P0125100.PG61.PGA45.K08..MA0050ZZ.....	(b) (4)
EK-47PB0018D0010.2018.192X.01.P0125100.PG61.PGA46.K08..MA0050ZZ.....	(b) (4)
EK-47PB0018D0010.2018.192X.01.P0125100.PG61.PGA47.K08..MA0050ZZ.....	(b) (4)
EK-47PB0018D0010.2018.192X.01.P0125100.PG61.PGA91.K08..MA0050ZZ.....	(b) (4)

ITEM NO., FORM OR STOCK NUMBER	DESCRIPTION OF ARTICLES OR SERVICES	QUAN-TITY	UNIT OF ISSUE	UNIT PRICE	AMOUNT
0001	BASE YEAR - General Administrative Functions General Administrative Functions including Boat Dock Operations at the Moakley Courthouse EK-47PB0018D0010.2018.192X.01 P0125100.PG61.PGA11.K08..MA0050ZZ ..... Obligated: (b) (4) EK-47PB0018D0010.2018.192X.01 P0125100.PG61.PGA47.K08..MA0050ZZ ..... Obligated:(b) (4) PoP: 08/01/2018 - 01/31/2019	6	MO	(b) (4)	
0002	Janitorial Services Janitorial Services at the Moakley Courthouse Basement EK-47PB0018D0010.2018.192X.01 P0125100.PG61.PGA11.K08..MA0050ZZ ..... Obligated: (b) (4) PoP: 08/01/2018 - 01/31/2019	6	MO	(b) (4)	
0003	Landscaping Landscaping at the Moakley Courthouse EK-47PB0018D0010.2018.192X.01 P0125100.PG61.PGA12.K08..MA0050ZZ	6	MO	(b) (4)	

ITEM NO., FORM OR STOCK NUMBER	DESCRIPTION OF ARTICLES OR SERVICES	QUAN-TITY	UNIT OF ISSUE	UNIT PRICE	AMOUNT
	Obligated: (b) (4) [redacted] PoP: 08/01/2018 - 01/31/2019				
0004	Mechanical Maintenance & Repair Services Mechanical Maintenance & Repair Services at the Moakley Courthouse EK-47PB0018D0010.2018.192X.01 P0125100.PG61.PGA47.K08..MA0050ZZ ..... Obligated: (b) (4) [redacted] EK-47PB0018D0010.2018.192X.01 P0125100.PG61.PGA46.K08..MA0050ZZ ..... Obligated: (b) (4) [redacted] PoP: 08/01/2018 - 01/31/2019	6	MO	(b) (4) [redacted]	
0005	Fire Protection & Life Safety Equipment & Systems Maintenance Services Fire Protection & Life Safety Equipment & Systems Maintenance Services at the Moakley Courthouse EK-47PB0018D0010.2018.192X.01 P0125100.PG61.PGA45.K08..MA0050ZZ ..... Obligated: (b) (4) [redacted] PoP: 08/01/2018 - 01/31/2019	6	MO	(b) (4) [redacted]	
0006	Elevator Maintenance Services	6	MO	(b) (4) [redacted]	

ITEM NO., FORM OR STOCK NUMBER	DESCRIPTION OF ARTICLES OR SERVICES	QUAN-TITY	UNIT OF ISSUE	UNIT PRICE	AMOUNT
	Elevator Maintenance Services at the Moakley Courthouse EK-47PB0018D0010.2018.192X.01 P0125100.PG61.PGA44.K08..MA0050ZZ ..... Obligated: (b) (4) [redacted] PoP: 08/01/2018 - 01/31/2019				
0007	Public Realm Management Public Realm Management at the Moakley Courthouse EK-47PB0018D0010.2018.192X.01 P0125100.PG61.PGA91.K08..MA0050ZZ ..... Obligated: (b) (4) [redacted] PoP: 08/01/2018 - 01/31/2019	6	MO	(b) (4) [redacted]	
0008	Janitorial Additional Services Rate - Building Operating Hours Additional Services Rate - Janitorial Services For Bidding Purposes Only, the estimated quantity is 10 HR. PoP: 08/01/2018 - 01/31/2019	10	HR	(b) (4) [redacted]	
0009	Mechanical Maintenance Additional Services Rate - Building Operating Hours Additional Services Rate - Mechanical Maintenance & Repair Services For Bidding Purposes Only, the estimated quantity is	15	HR	(b) (4) [redacted]	

ITEM NO., FORM OR STOCK NUMBER	DESCRIPTION OF ARTICLES OR SERVICES	QUAN-TITY	UNIT OF ISSUE	UNIT PRICE	AMOUNT
	15 HR. PoP: 08/01/2018 - 01/31/2019				
0010	Fire Protection/Life Safety Additional Services Rate - Building Operating Hours Additional Services Rate- Fire Protection & Life Safety Equipment & Systems Maintenance Services For Bidding Purposes Only, the estimated quantity is 10 HR. PoP: 08/01/2018 - 01/31/2019	10	HR	(b) (4) [redacted]	
0011	Elevator Maintenance Additional Services Rate - Building Operating Hours Additional Services Rate- Elevator Maintenance Services For Bidding Purposes Only, the estimated quantity is 10 HR. PoP: 08/01/2018 - 01/31/2019	10	HR	(b) (4) [redacted]	
0012	Janitorial Additional Services Rate - After Hours/ Emergency Callback Additional Services Rate- Janitorial Services For Bidding Purposes Only, the estimated quantity is 10 HR. PoP: 08/01/2018 - 01/31/2019	10	HR	(b) (4) [redacted]	
0013	Mechanical Maintenance Additional Services Rate - After	25	HR	(b) (4) [redacted]	

ITEM NO., FORM OR STOCK NUMBER	DESCRIPTION OF ARTICLES OR SERVICES	QUAN-TITY	UNIT OF ISSUE	UNIT PRICE	AMOUNT
	Hours/ Emergency Callback Additional Services Rate- Mechanical Maintenance & Repair Services For Bidding Purposes Only, the estimated quantity is 25 HR. PoP: 08/01/2018 - 01/31/2019				
0014	Fir Protection/Life Safety Additional Services Rate - After Hours/ Emergency Callback Additional Services Rate- Fire Protection & Life Safety Equipment & Systems Maintenance Services For Bidding Purposes Only, the estimated quantity is 20 HR. PoP: 08/01/2018 - 01/31/2019	20	HR	(b) (4) [redacted]	
0015	Elevator Maintenance Additional Services Rate - After Hours/ Emergency Callback Additional Services Rate- Elevator Maintenance Services For Bidding Purposes Only, the estimated quantity is 20 HR. PoP: 08/01/2018 - 01/31/2019	20	HR	(b) (4) [redacted]	
0016	Reimbursable Repairs Services Reimbursable Repairs Services Hourly Labor Rate. For Bidding Purposes Only, the estimated quantity is 2,500 HR PoP: 08/01/2018 - 01/31/2019	2,500	HR	(b) (4) [redacted]	

ITEM NO., FORM OR STOCK NUMBER	DESCRIPTION OF ARTICLES OR SERVICES	QUAN-TITY	UNIT OF ISSUE	UNIT PRICE	AMOUNT
0017	Administrative Fee for Reimbursable Repairs $5k - $15k. Administrative Fee for Reimbursable Repairs $5k - $15k. For Bidding Purposes Only, the estimated quantity is $15k PoP: 08/01/2018 - 01/31/2019	0	P1	(b) (4) [redacted]	
0018	Administrative Fee for Reimbursable Repairs $15,000.01 - $25k. Administrative Fee for Reimbursable Repairs $15,000.01 - $25k. For Bidding Purposes Only, the estimated quantity is $25k PoP: 08/01/2018 - 01/31/2019	0	P1	(b) (4) [redacted]	
0019	Administrative Fee for Reimbursable Repairs $25,000.01 - $50k. Administrative Fee for Reimbursable Repairs $25,000.01 - $50k. For bidding purposes only, the estimated quantity is $50k PoP: 08/01/2018 - 01/31/2019	0	P1	(b) (4) [redacted]	
0020	Administrative Fee for Reimbursable Repairs $50,000.01 - $100k. Administrative Fee for Reimbursable Repairs $50,000.01	0	P1	(b) (4) [redacted]	

ITEM NO., FORM OR STOCK NUMBER	DESCRIPTION OF ARTICLES OR SERVICES	QUAN-TITY	UNIT OF ISSUE	UNIT PRICE	AMOUNT
	- $100k. For Bidding Purposes Only, the estimated quantity is $100k PoP: 08/01/2018 - 01/31/2019				
0021	Administrative Fee for Additional Services requests from $0k - $5k. Administrative Fee for Additional Services requests from $0k - $5k. For Bidding Purposes Only, the estimated quantity is $5k PoP: 08/01/2018 - 01/31/2019	0	P1	(b) (4) [redacted]	
0022	Administrative Fee for Additional Services requests from $5K - $25k. Administrative Fee for Additional Services requests from $5K - $25k. For Bidding Purposes Only, the estimated quantity is $25k PoP: 08/01/2018 - 01/31/2019	0	P1	(b) (4) [redacted]	
0023	Administrative Fee for Additional Service Request from $25k and above. Administrative Fee for Additional Service Request from $25k and above. For Bidding Purposes Only, the estimated quantity is $25k PoP: 08/01/2018 - 01/31/2019	0	P1	(b) (4) [redacted]	

ITEM NO., FORM OR STOCK NUMBER	DESCRIPTION OF ARTICLES OR SERVICES	QUAN-TITY	UNIT OF ISSUE	UNIT PRICE	AMOUNT
0024	UPA Differential Rate - Normal Operating Hours For Bidding Purposes Only, the estimated value of the UPA¿s is $203,772.50. PoP: 08/01/2018 - 01/31/2019	0	P1	(b) (4) [redacted]	
0025	UPA Differential Rate - After Hours For Bidding Purposes Only, the estimated value of the UPA¿s is $203,772.50. PoP: 08/01/2018 - 01/31/2019	0	P1	(b) (4) [redacted]	
0026	Tree Thinning Tree Thinning For Bidding Purposes Only, the estimated quantity is 25 EA. PoP: 08/01/2018 - 01/31/2019	25	EA	(b) (4) [redacted]	
0027	Office Area - machine strip Machine Strip and Apply Four (4) Coats of Finish to Resilient Office Space Floors For Bidding Purposes Only, the estimated quantity is 1,000 SF. PoP: 08/01/2018 - 01/31/2019	1,000	SF	(b) (4) [redacted]	
0028	Office Area - spray buff Spray Buff Resilient Office Space Floors For Bidding Purposes Only, the estimated quantity is 400 SF.	400	SF	(b) (4) [redacted]	

ITEM NO., FORM OR STOCK NUMBER	DESCRIPTION OF ARTICLES OR SERVICES	QUAN-TITY	UNIT OF ISSUE	UNIT PRICE	AMOUNT
	PoP: 08/01/2018 - 01/31/2019				
0029	Office Area - shampoo carpeting Office Area - shampoo carpeting For Bidding Purposes Only, the estimated quantity is 1,000 SF. PoP: 08/01/2018 - 01/31/2019	1,000	SF	(b) (4) [redacted]	
0030	Office Area - wipe down wall Surfaces Office Area - wipe down wall Surfaces For Bidding Purposes Only, the estimated quantity is 1,000 SF. PoP: 08/01/2018 - 01/31/2019	1,000	SF	(b) (4) [redacted]	
1001	OPTION YEAR 1 - General Administrative Functions General Administrative Functions including Boat Dock Operations at the Moakley Courthouse PoP: 02/01/2019 - 01/31/2020	12	MO	(b) (4) [redacted]	
1002	Janitorial Services Janitorial Services at the Moakley Courthouse Basement PoP: 02/01/2019 - 01/31/2020	12	MO	(b) (4) [redacted]	
1003	Landscaping Landscaping at the Moakley Courthouse PoP: 02/01/2019 - 01/31/2020	12	MO	(b) (4) [redacted]	
1004	Mechanical Maintenance & Repair	12	MO	(b) (4) [redacted]	

ITEM NO., FORM OR STOCK NUMBER	DESCRIPTION OF ARTICLES OR SERVICES	QUAN-TITY	UNIT OF ISSUE	UNIT PRICE	AMOUNT
	Services Mechanical Maintenance & Repair Services at the Moakley Courthouse PoP: 02/01/2019 - 01/31/2020				
1005	Fire Protection & Life Safety Equipment & Systems Maintenance Services Fire Protection & Life Safety Equipment & Systems Maintenance Services at the Moakley Courthouse PoP: 02/01/2019 - 01/31/2020	12	MO	(b) (4) [redacted]	
1006	Elevator Maintenance Services Elevator Maintenance Services at the Moakley Courthouse PoP: 02/01/2019 - 01/31/2020	12	MO	(b) (4) [redacted]	
1007	Public Realm Management Public Realm Management at the Moakley Courthouse PoP: 02/01/2019 - 01/31/2020	12	MO	(b) (4) [redacted]	
1008	Janitorial Additional Services Rate - Building Operating Hours Additional Services Rate - Janitorial Services For Bidding Purposes Only, the estimated quantity is 10 HR. PoP: 02/01/2019 - 01/31/2020	10	HR	(b) (4) [redacted]	
1009	Mechanical Maintenance Additional Services Rate - Building Operating Hours	15	HR	(b) (4) [redacted]	

ITEM NO., FORM OR STOCK NUMBER	DESCRIPTION OF ARTICLES OR SERVICES	QUAN-TITY	UNIT OF ISSUE	UNIT PRICE	AMOUNT
	Additional Services Rate - Mechanical Maintenance & Repair Services For Bidding Purposes Only, the estimated quantity is 15 HR. PoP: 02/01/2019 - 01/31/2020				
1010	Fire Protection/Life Safety Additional Services Rate - Building Operating Hours Additional Services Rate- Fire Protection & Life Safety Equipment & Systems Maintenance Services For Bidding Purposes Only, the estimated quantity is 10 HR. PoP: 02/01/2019 - 01/31/2020	10	HR	(b) (4) [redacted]	
1011	Elevator Maintenance Additional Services Rate - Building Operating Hours Additional Services Rate- Elevator Maintenance Services For Bidding Purposes Only, the estimated quantity is 10 HR. PoP: 02/01/2019 - 01/31/2020	10	HR	(b) (4) [redacted]	
1012	Janitorial Additional Services Rate - After Hours/ Emergency Callback Additional Services Rate- Janitorial Services For Bidding Purposes Only, the estimated quantity is 10 HR.	10	HR	(b) (4) [redacted]	

ITEM NO., FORM OR STOCK NUMBER	DESCRIPTION OF ARTICLES OR SERVICES	QUAN-TITY	UNIT OF ISSUE	UNIT PRICE	AMOUNT
	PoP: 02/01/2019 - 01/31/2020				
1013	Mechanical Maintenance Additional Services Rate - After Hours/ Emergency Callback Additional Services Rate- Mechanical Maintenance & Repair Services For Bidding Purposes Only, the estimated quantity is 25 HR. PoP: 02/01/2019 - 01/31/2020	25	HR	(b) (4) [redacted]	
1014	Fir Protection/Life Safety Additional Services Rate - After Hours/ Emergency Callback Additional Services Rate- Fire Protection & Life Safety Equipment & Systems Maintenance Services For Bidding Purposes Only, the estimated quantity is 20 HR. PoP: 02/01/2019 - 01/31/2020	20	HR	(b) (4) [redacted]	
1015	Elevator Maintenance Additional Services Rate - After Hours/ Emergency Callback Additional Services Rate- Elevator Maintenance Services For Bidding Purposes Only, the estimated quantity is 20 HR. PoP: 02/01/2019 - 01/31/2020	20	HR	(b) (4) [redacted]	
1016	Reimbursable Repairs Services Reimbursable Repairs Services	2,500	HR	(b) (4) [redacted]	

ITEM NO., FORM OR STOCK NUMBER	DESCRIPTION OF ARTICLES OR SERVICES	QUAN-TITY	UNIT OF ISSUE	UNIT PRICE	AMOUNT
	Hourly Labor Rate. For Bidding Purposes Only, the estimated quantity is 2,500 HR PoP: 02/01/2019 - 01/31/2020				
1017	Administrative Fee for Reimbursable Repairs $5k - $15k. Administrative Fee for Reimbursable Repairs $5k - $15k. For Bidding Purposes Only, the estimated quantity is $15k PoP: 02/01/2019 - 01/31/2020	0	P1	(b) (4) [redacted]	
1018	Administrative Fee for Reimbursable Repairs $15,000.01 - $25k. Administrative Fee for Reimbursable Repairs $15,000.01 - $25k. For Bidding Purposes Only, the estimated quantity is $25k PoP: 02/01/2019 - 01/31/2020	0	P1	(b) (4) [redacted]	
1019	Administrative Fee for Reimbursable Repairs $25,000.01 - $50k. Administrative Fee for Reimbursable Repairs $25,000.01 - $50k. For bidding purposes only, the estimated quantity is $50k PoP: 02/01/2019 - 01/31/2020	0	P1	(b) (4) [redacted]	
1020	Administrative Fee for	0	P1	(b) (4) [redacted]	

ITEM NO., FORM OR STOCK NUMBER	DESCRIPTION OF ARTICLES OR SERVICES	QUAN-TITY	UNIT OF ISSUE	UNIT PRICE	AMOUNT
	Reimbursable Repairs $50,000.01 - $100k. Administrative Fee for Reimbursable Repairs $50,000.01 - $100k. For Bidding Purposes Only, the estimated quantity is $100k PoP: 02/01/2019 - 01/31/2020				
1021	Administrative Fee for Additional Services requests from $0k - $5k. Administrative Fee for Additional Services requests from $0k - $5k. For Bidding Purposes Only, the estimated quantity is $5k PoP: 02/01/2019 - 01/31/2020	0	P1	(b) (4) [redacted]	
1022	Administrative Fee for Additional Services requests from $5K - $25k. Administrative Fee for Additional Services requests from $5K - $25k. For Bidding Purposes Only, the estimated quantity is $25k PoP: 02/01/2019 - 01/31/2020	0	P1	(b) (4) [redacted]	
1023	Administrative Fee for Additional Service Request from $25k and above. Administrative Fee for Additional Service Request from	0	P1	(b) (4) [redacted]	

ITEM NO., FORM OR STOCK NUMBER	DESCRIPTION OF ARTICLES OR SERVICES	QUAN-TITY	UNIT OF ISSUE	UNIT PRICE	AMOUNT
	$25k and above. For Bidding Purposes Only, the estimated quantity is $25k PoP: 02/01/2019 - 01/31/2020				
1024	UPA Differential Rate - Normal Operating Hours For Bidding Purposes Only, the estimated value of the UPA¿s is $203,772.50. PoP: 02/01/2019 - 01/31/2020	0	P1	(b) (4) [redacted]	
1025	UPA Differential Rate - After Hours For Bidding Purposes Only, the estimated value of the UPA¿s is $203,772.50. PoP: 02/01/2019 - 01/31/2020	0	P1	(b) (4) [redacted]	
1026	Tree Thinning Tree Thinning For Bidding Purposes Only, the estimated quantity is 25 EA. PoP: 02/01/2019 - 01/31/2020	25	EA	(b) (4) [redacted]	
1027	Office Area - machine strip Machine Strip and Apply Four (4) Coats of Finish to Resilient Office Space Floors For Bidding Purposes Only, the estimated quantity is 1,000 SF. PoP: 02/01/2019 - 01/31/2020	1,000	SF	(b) (4) [redacted]	
1028	Office Area - spray buff	400	SF	(b) (4) [redacted]	

ITEM NO., FORM OR STOCK NUMBER	DESCRIPTION OF ARTICLES OR SERVICES	QUAN-TITY	UNIT OF ISSUE	UNIT PRICE	AMOUNT
	Spray Buff Resilient Office Space Floors For Bidding Purposes Only, the estimated quantity is 400 SF. PoP: 02/01/2019 - 01/31/2020				
1029	Office Area - shampoo carpeting Office Area - shampoo carpeting For Bidding Purposes Only, the estimated quantity is 1,000 SF. PoP: 02/01/2019 - 01/31/2020	1,000	SF	(b) (4) [redacted]	
1030	Office Area - wipe down wall Surfaces Office Area - wipe down wall Surfaces For Bidding Purposes Only, the estimated quantity is 1,000 SF. PoP: 02/01/2019 - 01/31/2020	1,000	SF	(b) (4) [redacted]	
1031	Annual Ongoing Commissioning and Re-tuning Complete annual (two seasonal) to coincide with the heating and cooling seasons re-tuning. These re-tuning services may be elected at time of Option Year, depending on building performance. PoP: 02/01/2019 - 01/31/2020	1	EA	(b) (4) [redacted]	
2001	OPTION YEAR 2 - General Administrative Functions General Administrative Functions including Boat Dock Operations	12	MO	(b) (4) [redacted]	

ITEM NO., FORM OR STOCK NUMBER	DESCRIPTION OF ARTICLES OR SERVICES	QUAN-TITY	UNIT OF ISSUE	UNIT PRICE	AMOUNT
	at the Moakley Courthouse PoP: 02/01/2020 - 01/31/2021				
2002	Janitorial Services Janitorial Services at the Moakley Courthouse Basement PoP: 02/01/2020 - 01/31/2021	12	MO	(b) (4) [redacted]	
2003	Landscaping Landscaping at the Moakley Courthouse PoP: 02/01/2020 - 01/31/2021	12	MO	(b) (4) [redacted]	
2004	Mechanical Maintenance & Repair Services Mechanical Maintenance & Repair Services at the Moakley Courthouse PoP: 02/01/2020 - 01/31/2021	12	MO	(b) (4) [redacted]	
2005	Fire Protection & Life Safety Equipment & Systems Maintenance Services Fire Protection & Life Safety Equipment & Systems Maintenance Services at the Moakley Courthouse PoP: 02/01/2020 - 01/31/2021	12	MO	(b) (4) [redacted]	
2006	Elevator Maintenance Services Elevator Maintenance Services at the Moakley Courthouse PoP: 02/01/2020 - 01/31/2021	12	MO	(b) (4) [redacted]	
2007	Public Realm Management Public Realm Management at the	12	MO	(b) (4) [redacted]	

ITEM NO., FORM OR STOCK NUMBER	DESCRIPTION OF ARTICLES OR SERVICES	QUAN-TITY	UNIT OF ISSUE	UNIT PRICE	AMOUNT
	Moakley Courthouse PoP: 02/01/2020 - 01/31/2021				
2008	Janitorial Additional Services Rate - Building Operating Hours Additional Services Rate - Janitorial Services For Bidding Purposes Only, the estimated quantity is 10 HR. PoP: 02/01/2020 - 01/31/2021	10	HR	(b) (4) [redacted]	
2009	Mechanical Maintenance Additional Services Rate - Building Operating Hours Additional Services Rate - Mechanical Maintenance & Repair Services For Bidding Purposes Only, the estimated quantity is 15 HR. PoP: 02/01/2020 - 01/31/2021	15	HR	(b) (4) [redacted]	
2010	Fire Protection/Life Safety Additional Services Rate - Building Operating Hours Additional Services Rate- Fire Protection & Life Safety Equipment & Systems Maintenance Services For Bidding Purposes Only, the estimated quantity is 10 HR. PoP: 02/01/2020 - 01/31/2021	10	HR	(b) (4) [redacted]	
2011	Elevator Maintenance Additional Services Rate - Building	10	HR	(b) (4) [redacted]	

ITEM NO., FORM OR STOCK NUMBER	DESCRIPTION OF ARTICLES OR SERVICES	QUAN-TITY	UNIT OF ISSUE	UNIT PRICE	AMOUNT
	Operating Hours Additional Services Rate- Elevator Maintenance Services For Bidding Purposes Only, the estimated quantity is 10 HR. PoP: 02/01/2020 - 01/31/2021				
2012	Janitorial Additional Services Rate - After Hours/ Emergency Callback Additional Services Rate- Janitorial Services For Bidding Purposes Only, the estimated quantity is 10 HR. PoP: 02/01/2020 - 01/31/2021	10	HR	(b) (4) [redacted]	
2013	Mechanical Maintenance Additional Services Rate - After Hours/ Emergency Callback Additional Services Rate- Mechanical Maintenance & Repair Services For Bidding Purposes Only, the estimated quantity is 25 HR. PoP: 02/01/2020 - 01/31/2021	25	HR	(b) (4) [redacted]	
2014	Fir Protection/Life Safety Additional Services Rate - After Hours/ Emergency Callback Additional Services Rate- Fire Protection & Life Safety Equipment & Systems Maintenance Services For Bidding Purposes Only, the estimated quantity is	20	HR	(b) (4) [redacted]	

ITEM NO., FORM OR STOCK NUMBER	DESCRIPTION OF ARTICLES OR SERVICES	QUAN-TITY	UNIT OF ISSUE	UNIT PRICE	AMOUNT
	20 HR. PoP: 02/01/2020 - 01/31/2021				
2015	Elevator Maintenance Additional Services Rate - After Hours/ Emergency Callback Additional Services Rate- Elevator Maintenance Services For Bidding Purposes Only, the estimated quantity is 20 HR. PoP: 02/01/2020 - 01/31/2021	20	HR	(b) (4) [redacted]	
2016	Reimbursable Repairs Services Reimbursable Repairs Services Hourly Labor Rate. For Bidding Purposes Only, the estimated quantity is 2,500 HR PoP: 02/01/2020 - 01/31/2021	2,500	HR	(b) (4) [redacted]	
2017	Administrative Fee for Reimbursable Repairs $5k - $15k. Administrative Fee for Reimbursable Repairs $5k - $15k. For Bidding Purposes Only, the estimated quantity is $15k PoP: 02/01/2020 - 01/31/2021	0	P1	(b) (4) [redacted]	
2018	Administrative Fee for Reimbursable Repairs $15,000.01 - $25k. Administrative Fee for Reimbursable Repairs $15,000.01 - $25k. For Bidding Purposes Only, the estimated quantity is	0	P1	(b) (4) [redacted]	

ITEM NO., FORM OR STOCK NUMBER	DESCRIPTION OF ARTICLES OR SERVICES	QUAN-TITY	UNIT OF ISSUE	UNIT PRICE	AMOUNT
	$25k PoP: 02/01/2020 - 01/31/2021				
2019	Administrative Fee for Reimbursable Repairs $25,000.01 - $50k. Administrative Fee for Reimbursable Repairs $25,000.01 - $50k. For bidding purposes only, the estimated quantity is $50k PoP: 02/01/2020 - 01/31/2021	0	P1	(b) (4) [redacted]	
2020	Administrative Fee for Reimbursable Repairs $50,000.01 - $100k. Administrative Fee for Reimbursable Repairs $50,000.01 - $100k. For Bidding Purposes Only, the estimated quantity is $100k PoP: 02/01/2020 - 01/31/2021	0	P1	(b) (4) [redacted]	
2021	Administrative Fee for Additional Services requests from $0k - $5k. Administrative Fee for Additional Services requests from $0k - $5k. For Bidding Purposes Only, the estimated quantity is $5k PoP: 02/01/2020 - 01/31/2021	0	P1	(b) (4) [redacted]	
2022	Administrative Fee for	0	P1	(b) (4) [redacted]	

ITEM NO., FORM OR STOCK NUMBER	DESCRIPTION OF ARTICLES OR SERVICES	QUAN-TITY	UNIT OF ISSUE	UNIT PRICE	AMOUNT
	Additional Services requests from $5K - $25k. Administrative Fee for Additional Services requests from $5K - $25k. For Bidding Purposes Only, the estimated quantity is $25k PoP: 02/01/2020 - 01/31/2021				
2023	Administrative Fee for Additional Service Request from $25k and above. Administrative Fee for Additional Service Request from $25k and above. For Bidding Purposes Only, the estimated quantity is $25k PoP: 02/01/2020 - 01/31/2021	0	P1	(b) (4) [redacted]	
2024	Differential Rate applied to UPA orders - Normal Operating Hours For Bidding Purposes Only, the estimated value of the UPA¿s is $203,772.50. PoP: 02/01/2020 - 01/31/2021	0	P1	(b) (4) [redacted]	
2025	Differential Rate applied to UPA orders - After Hours For Bidding Purposes Only, the estimated value of the UPA¿s is $203,772.50. PoP: 02/01/2020 - 01/31/2021	0	P1	(b) (4) [redacted]	
2026	Tree Thinning	25	EA	(b) (4) [redacted]	

ITEM NO., FORM OR STOCK NUMBER	DESCRIPTION OF ARTICLES OR SERVICES	QUAN-TITY	UNIT OF ISSUE	UNIT PRICE	AMOUNT
	Tree Thinning For Bidding Purposes Only, the estimated quantity is 25 EA. PoP: 02/01/2020 - 01/31/2021				
2027	Office Area - machine strip Machine Strip and Apply Four (4) Coats of Finish to Resilient Office Space Floors For Bidding Purposes Only, the estimated quantity is 1,000 SF. PoP: 02/01/2020 - 01/31/2021	1,000	SF	(b) (4) [redacted]	
2028	Office Area - spray buff Spray Buff Resilient Office Space Floors For Bidding Purposes Only, the estimated quantity is 400 SF. PoP: 02/01/2020 - 01/31/2021	400	SF	(b) (4) [redacted]	
2029	Office Area - shampoo carpeting Office Area - shampoo carpeting For Bidding Purposes Only, the estimated quantity is 1,000 SF. PoP: 02/01/2020 - 01/31/2021	1,000	SF	(b) (4) [redacted]	
2030	Office Area - wipe down wall Surfaces Office Area - wipe down wall Surfaces For Bidding Purposes Only, the estimated quantity is 1,000 SF. PoP: 02/01/2020 - 01/31/2021	1,000	SF	(b) (4) [redacted]	
2031		1	EA	(b) (4) [redacted]	

ITEM NO., FORM OR STOCK NUMBER	DESCRIPTION OF ARTICLES OR SERVICES	QUAN-TITY	UNIT OF ISSUE	UNIT PRICE	AMOUNT
	Annual Ongoing Commissioning and Re-tuning Complete annual (two seasonal) to coincide with the heating and cooling seasons re-tuning. These re-tuning services may be elected at time of Option Year, depending on building performance. PoP: 02/01/2020 - 01/31/2021				
3001	OPTION YEAR 3 - General Administrative Functions General Administrative Functions including Boat Dock Operations at the Moakley Courthouse PoP: 02/01/2021 - 01/31/2022	12	MO	(b) (4) [redacted]	
3002	Janitorial Services Janitorial Services at the Moakley Courthouse Basement PoP: 02/01/2021 - 01/31/2022	12	MO	(b) (4) [redacted]	
3003	Landscaping Landscaping at the Moakley Courthouse PoP: 02/01/2021 - 01/31/2022	12	MO	(b) (4) [redacted]	
3004	Mechanical Maintenance & Repair Services Mechanical Maintenance & Repair Services at the Moakley Courthouse PoP: 02/01/2021 - 01/31/2022	12	MO	(b) (4) [redacted]	
3005	Fire Protection & Life Safety	12	MO	(b) (4) [redacted]	

ITEM NO., FORM OR STOCK NUMBER	DESCRIPTION OF ARTICLES OR SERVICES	QUAN-TITY	UNIT OF ISSUE	UNIT PRICE	AMOUNT
	Equipment & Systems Maintenance Services Fire Protection & Life Safety Equipment & Systems Maintenance Services at the Moakley Courthouse PoP: 02/01/2021 - 01/31/2022				
3006	Elevator Maintenance Services Elevator Maintenance Services at the Moakley Courthouse PoP: 02/01/2021 - 01/31/2022	12	MO	(b) (4) [redacted]	
3007	Public Realm Management Public Realm Management at the Moakley Courthouse PoP: 02/01/2021 - 01/31/2022	12	MO	(b) (4) [redacted]	
3008	Janitorial Additional Services Rate - Building Operating Hours Additional Services Rate - Janitorial Services For Bidding Purposes Only, the estimated quantity is 10 HR. PoP: 02/01/2021 - 01/31/2022	10	HR	(b) (4) [redacted]	
3009	Mechanical Maintenance Additional Services Rate - Building Operating Hours Additional Services Rate - Mechanical Maintenance & Repair Services For Bidding Purposes Only, the estimated quantity is 15 HR. PoP: 02/01/2021 - 01/31/2022	15	HR	(b) (4) [redacted]	

ITEM NO., FORM OR STOCK NUMBER	DESCRIPTION OF ARTICLES OR SERVICES	QUAN-TITY	UNIT OF ISSUE	UNIT PRICE	AMOUNT
3010	Fire Protection/Life Safety Additional Services Rate - Building Operating Hours Additional Services Rate- Fire Protection & Life Safety Equipment & Systems Maintenance Services For Bidding Purposes Only, the estimated quantity is 10 HR. PoP: 02/01/2021 - 01/31/2022	10	HR	(b) (4) [redacted]	
3011	Elevator Maintenance Additional Services Rate - Building Operating Hours Additional Services Rate- Elevator Maintenance Services For Bidding Purposes Only, the estimated quantity is 10 HR. PoP: 02/01/2021 - 01/31/2022	10	HR	(b) (4) [redacted]	
3012	Janitorial Additional Services Rate - After Hours/ Emergency Callback Additional Services Rate- Janitorial Services For Bidding Purposes Only, the estimated quantity is 10 HR. PoP: 02/01/2021 - 01/31/2022	10	HR	(b) (4) [redacted]	
3013	Mechanical Maintenance Additional Services Rate - After Hours/ Emergency Callback Additional Services Rate-	25	HR	(b) (4) [redacted]	

ITEM NO., FORM OR STOCK NUMBER	DESCRIPTION OF ARTICLES OR SERVICES	QUAN-TITY	UNIT OF ISSUE	UNIT PRICE	AMOUNT
	Mechanical Maintenance & Repair Services For Bidding Purposes Only, the estimated quantity is 25 HR. PoP: 02/01/2021 - 01/31/2022				
3014	Fir Protection/Life Safety Additional Services Rate - After Hours/ Emergency Callback Additional Services Rate- Fire Protection & Life Safety Equipment & Systems Maintenance Services For Bidding Purposes Only, the estimated quantity is 20 HR. PoP: 02/01/2021 - 01/31/2022	20	HR	(b) (4) [redacted]	
3015	Elevator Maintenance Additional Services Rate - After Hours/ Emergency Callback Additional Services Rate- Elevator Maintenance Services For Bidding Purposes Only, the estimated quantity is 20 HR. PoP: 02/01/2021 - 01/31/2022	20	HR	(b) (4) [redacted]	
3016	Reimbursable Repairs Services Reimbursable Repairs Services Hourly Labor Rate. For Bidding Purposes Only, the estimated quantity is 2,500 HR PoP: 02/01/2021 - 01/31/2022	2,500	HR	(b) (4) [redacted]	
3017	Administrative Fee for	0	P1	(b) (4) [redacted]	

ITEM NO., FORM OR STOCK NUMBER	DESCRIPTION OF ARTICLES OR SERVICES	QUAN-TITY	UNIT OF ISSUE	UNIT PRICE	AMOUNT
	Reimbursable Repairs $5k - $15k. Administrative Fee for Reimbursable Repairs $5k - $15k. For Bidding Purposes Only, the estimated quantity is $15k PoP: 02/01/2021 - 01/31/2022				
3018	Administrative Fee for Reimbursable Repairs $15,000.01 - $25k. Administrative Fee for Reimbursable Repairs $15,000.01 - $25k. For Bidding Purposes Only, the estimated quantity is $25k PoP: 02/01/2021 - 01/31/2022	0	P1	(b) (4) [redacted]	
3019	Administrative Fee for Reimbursable Repairs $25,000.01 - $50k. Administrative Fee for Reimbursable Repairs $25,000.01 - $50k. For bidding purposes only, the estimated quantity is $50k PoP: 02/01/2021 - 01/31/2022	0	P1	(b) (4) [redacted]	
3020	Administrative Fee for Reimbursable Repairs $50,000.01 - $100k. Administrative Fee for Reimbursable Repairs $50,000.01 - $100k. For Bidding Purposes Only, the estimated quantity is	0	P1	(b) (4) [redacted]	

ITEM NO., FORM OR STOCK NUMBER	DESCRIPTION OF ARTICLES OR SERVICES	QUAN-TITY	UNIT OF ISSUE	UNIT PRICE	AMOUNT
	$100k PoP: 02/01/2021 - 01/31/2022				
3021	Administrative Fee for Additional Services requests from $0k - $5k. Administrative Fee for Additional Services requests from $0k - $5k. For Bidding Purposes Only, the estimated quantity is $5k PoP: 02/01/2021 - 01/31/2022	0	P1	(b) (4) [redacted]	
3022	Administrative Fee for Additional Services requests from $5K - $25k. Administrative Fee for Additional Services requests from $5K - $25k. For Bidding Purposes Only, the estimated quantity is $25k PoP: 02/01/2021 - 01/31/2022	0	P1	(b) (4) [redacted]	
3023	Administrative Fee for Additional Service Request from $25k and above. Administrative Fee for Additional Service Request from $25k and above. For Bidding Purposes Only, the estimated quantity is $25k PoP: 02/01/2021 - 01/31/2022	0	P1	(b) (4) [redacted]	
3024	Differential Rate applied to UPA	0	P1	(b) (4) [redacted]	

ITEM NO., FORM OR STOCK NUMBER	DESCRIPTION OF ARTICLES OR SERVICES	QUAN-TITY	UNIT OF ISSUE	UNIT PRICE	AMOUNT
	orders - Normal Operating Hours For Bidding Purposes Only, the estimated value of the UPA¿s is $203,772.50. PoP: 02/01/2021 - 01/31/2022				
3025	Differential Rate applied to UPA orders - After Hours For Bidding Purposes Only, the estimated value of the UPA¿s is $203,772.50. PoP: 02/01/2021 - 01/31/2022	0	P1	(b) (4) [redacted]	
3026	Tree Thinning Tree Thinning For Bidding Purposes Only, the estimated quantity is 25 EA. PoP: 02/01/2021 - 01/31/2022	25	EA	(b) (4) [redacted]	
3027	Office Area - machine strip Machine Strip and Apply Four (4) Coats of Finish to Resilient Office Space Floors For Bidding Purposes Only, the estimated quantity is 1,000 SF. PoP: 02/01/2021 - 01/31/2022	1,000	SF	(b) (4) [redacted]	
3028	Office Area - spray buff Spray Buff Resilient Office Space Floors For Bidding Purposes Only, the estimated quantity is 400 SF. PoP: 02/01/2021 - 01/31/2022	400	SF	(b) (4) [redacted]	
3029		1,000	SF	(b) (4) [redacted]	

ITEM NO., FORM OR STOCK NUMBER	DESCRIPTION OF ARTICLES OR SERVICES	QUAN-TITY	UNIT OF ISSUE	UNIT PRICE	AMOUNT
	Office Area - shampoo carpeting Office Area - shampoo carpeting For Bidding Purposes Only, the estimated quantity is 1,000 SF. PoP: 02/01/2021 - 01/31/2022				
3030	Office Area - wipe down wall Surfaces Office Area - wipe down wall Surfaces For Bidding Purposes Only, the estimated quantity is 1,000 SF. PoP: 02/01/2021 - 01/31/2022	1,000	SF	(b) (4) [redacted]	
3031	Annual Ongoing Commissioning and Re-tuning Complete annual (two seasonal) to coincide with the heating and cooling seasons re-tuning. These re-tuning services may be elected at time of Option Year, depending on building performance. PoP: 02/01/2021 - 01/31/2022	1	EA	(b) (4) [redacted]	
4001	OPTION YEAR 4 - General Administrative Functions General Administrative Functions including Boat Dock Operations at the Moakley Courthouse PoP: 02/01/2022 - 01/31/2023	12	MO	(b) (4) [redacted]	
4002	Janitorial Services Janitorial Services at the Moakley Courthouse Basement	12	MO	(b) (4) [redacted]	

ITEM NO., FORM OR STOCK NUMBER	DESCRIPTION OF ARTICLES OR SERVICES	QUAN-TITY	UNIT OF ISSUE	UNIT PRICE	AMOUNT
	PoP: 02/01/2022 - 01/31/2023				
4003	Landscaping Landscaping at the Moakley Courthouse PoP: 02/01/2022 - 01/31/2023	12	MO	(b) (4)	
4004	Mechanical Maintenance & Repair Services Mechanical Maintenance & Repair Services at the Moakley Courthouse PoP: 02/01/2022 - 01/31/2023	12	MO	(b) (4)	
4005	Fire Protection & Life Safety Equipment & Systems Maintenance Services Fire Protection & Life Safety Equipment & Systems Maintenance Services at the Moakley Courthouse PoP: 02/01/2022 - 01/31/2023	12	MO	(b) (4)	
4006	Elevator Maintenance Services Elevator Maintenance Services at the Moakley Courthouse PoP: 02/01/2022 - 01/31/2023	12	MO	(b) (4)	
4007	Public Realm Management Public Realm Management at the Moakley Courthouse PoP: 02/01/2022 - 01/31/2023	12	MO	(b) (4)	
4008	Janitorial Additional Services Rate - Building Operating Hours Additional Services Rate -	10	HR	(b) (4)	

ITEM NO., FORM OR STOCK NUMBER	DESCRIPTION OF ARTICLES OR SERVICES	QUAN-TITY	UNIT OF ISSUE	UNIT PRICE	AMOUNT
	Janitorial Services For Bidding Purposes Only, the estimated quantity is 10 HR. PoP: 02/01/2022 - 01/31/2023				
4009	Mechanical Maintenance Additional Services Rate - Building Operating Hours Additional Services Rate - Mechanical Maintenance & Repair Services For Bidding Purposes Only, the estimated quantity is 15 HR. PoP: 02/01/2022 - 01/31/2023	15	HR	(b) (4) [redacted]	
4010	Fire Protection/Life Safety Additional Services Rate - Building Operating Hours Additional Services Rate- Fire Protection & Life Safety Equipment & Systems Maintenance Services For Bidding Purposes Only, the estimated quantity is 10 HR. PoP: 02/01/2022 - 01/31/2023	10	HR	(b) (4) [redacted]	
4011	Elevator Maintenance Additional Services Rate - Building Operating Hours Additional Services Rate- Elevator Maintenance Services For Bidding Purposes Only, the estimated quantity is 10 HR. PoP: 02/01/2022 - 01/31/2023	10	HR	(b) (4) [redacted]	

ITEM NO., FORM OR STOCK NUMBER	DESCRIPTION OF ARTICLES OR SERVICES	QUAN-TITY	UNIT OF ISSUE	UNIT PRICE	AMOUNT
4012	Janitorial Additional Services Rate - After Hours/ Emergency Callback Additional Services Rate- Janitorial Services For Bidding Purposes Only, the estimated quantity is 10 HR. PoP: 02/01/2022 - 01/31/2023	10	HR	(b) (4) [redacted]	
4013	Mechanical Maintenance Additional Services Rate - After Hours/ Emergency Callback Additional Services Rate- Mechanical Maintenance & Repair Services For Bidding Purposes Only, the estimated quantity is 25 HR. PoP: 02/01/2022 - 01/31/2023	25	HR	(b) (4) [redacted]	
4014	Fir Protection/Life Safety Additional Services Rate - After Hours/ Emergency Callback Additional Services Rate- Fire Protection & Life Safety Equipment & Systems Maintenance Services For Bidding Purposes Only, the estimated quantity is 20 HR. PoP: 02/01/2022 - 01/31/2023	20	HR	(b) (4) [redacted]	
4015	Elevator Maintenance Additional Services Rate - After Hours/ Emergency Callback	20	HR	(b) (4) [redacted]	

ITEM NO., FORM OR STOCK NUMBER	DESCRIPTION OF ARTICLES OR SERVICES	QUAN-TITY	UNIT OF ISSUE	UNIT PRICE	AMOUNT
	Additional Services Rate- Elevator Maintenance Services For Bidding Purposes Only, the estimated quantity is 20 HR. PoP: 02/01/2022 - 01/31/2023				
4016	Reimbursable Repairs Services Reimbursable Repairs Services Hourly Labor Rate. For Bidding Purposes Only, the estimated quantity is 2,500 HR PoP: 02/01/2022 - 01/31/2023	2,500	HR	(b) (4) [redacted]	
4017	Administrative Fee for Reimbursable Repairs $5k - $15k. Administrative Fee for Reimbursable Repairs $5k - $15k. For Bidding Purposes Only, the estimated quantity is $15k PoP: 02/01/2022 - 01/31/2023	0	P1	(b) (4) [redacted]	
4018	Administrative Fee for Reimbursable Repairs $15,000.01 - $25k. Administrative Fee for Reimbursable Repairs $15,000.01 - $25k. For Bidding Purposes Only, the estimated quantity is $25k PoP: 02/01/2022 - 01/31/2023	0	P1	(b) (4) [redacted]	
4019	Administrative Fee for Reimbursable Repairs $25,000.01 - $50k.	0	P1	(b) (4) [redacted]	

ITEM NO., FORM OR STOCK NUMBER	DESCRIPTION OF ARTICLES OR SERVICES	QUAN-TITY	UNIT OF ISSUE	UNIT PRICE	AMOUNT
	Administrative Fee for Reimbursable Repairs $25,000.01 - $50k. For bidding purposes only, the estimated quantity is $50k PoP: 02/01/2022 - 01/31/2023				
4020	Administrative Fee for Reimbursable Repairs $50,000.01 - $100k. Administrative Fee for Reimbursable Repairs $50,000.01 - $100k. For Bidding Purposes Only, the estimated quantity is $100k PoP: 02/01/2022 - 01/31/2023	0	P1	(b) (4) [redacted]	
4021	Administrative Fee for Additional Services requests from $0k - $5k. Administrative Fee for Additional Services requests from $0k - $5k. For Bidding Purposes Only, the estimated quantity is $5k PoP: 02/01/2022 - 01/31/2023	0	P1	(b) (4) [redacted]	
4022	Administrative Fee for Additional Services requests from $5K - $25k. Administrative Fee for Additional Services requests from $5K - $25k. For Bidding Purposes Only, the estimated	0	P1	(b) (4) [redacted]	

ITEM NO., FORM OR STOCK NUMBER	DESCRIPTION OF ARTICLES OR SERVICES	QUAN-TITY	UNIT OF ISSUE	UNIT PRICE	AMOUNT
	quantity is $25k PoP: 02/01/2022 - 01/31/2023				
4023	Administrative Fee for Additional Service Request from $25k and above. Administrative Fee for Additional Service Request from $25k and above. For Bidding Purposes Only, the estimated quantity is $25k PoP: 02/01/2022 - 01/31/2023	0	P1	(b) (4) [redacted]	
4024	Differential Rate applied to UPA orders - Normal Operating Hours For Bidding Purposes Only, the estimated value of the UPA¿s is $203,772.50. PoP: 02/01/2022 - 01/31/2023	0	P1	(b) (4) [redacted]	
4025	Differential Rate applied to UPA orders - After Hours For Bidding Purposes Only, the estimated value of the UPA¿s is $203,772.50. PoP: 02/01/2022 - 01/31/2023	0	P1	(b) (4) [redacted]	
4026	Tree Thinning Tree Thinning For Bidding Purposes Only, the estimated quantity is 25 EA. PoP: 02/01/2022 - 01/31/2023	25	EA	(b) (4) [redacted]	
4027	Office Area - machine strip	1,000	SF	(b) (4) [redacted]	

ITEM NO., FORM OR STOCK NUMBER	DESCRIPTION OF ARTICLES OR SERVICES	QUAN-TITY	UNIT OF ISSUE	UNIT PRICE	AMOUNT
	Machine Strip and Apply Four (4) Coats of Finish to Resilient Office Space Floors For Bidding Purposes Only, the estimated quantity is 1,000 SF. PoP: 02/01/2022 - 01/31/2023				
4028	Office Area - spray buff Spray Buff Resilient Office Space Floors For Bidding Purposes Only, the estimated quantity is 400 SF. PoP: 02/01/2022 - 01/31/2023	400	SF	(b) (4)	
4029	Office Area - shampoo carpeting Office Area - shampoo carpeting For Bidding Purposes Only, the estimated quantity is 1,000 SF. PoP: 02/01/2022 - 01/31/2023	1,000	SF	(b) (4)	
4030	Office Area - wipe down wall Surfaces Office Area - wipe down wall Surfaces For Bidding Purposes Only, the estimated quantity is 1,000 SF. PoP: 02/01/2022 - 01/31/2023	1,000	SF	(b) (4)	
4031	Annual Ongoing Commissioning and Re-tuning Complete annual (two seasonal) to coincide with the heating and cooling seasons re-tuning. These re-tuning services may be	1	EA	(b) (4)	

ITEM NO., FORM OR STOCK NUMBER	DESCRIPTION OF ARTICLES OR SERVICES	QUAN-TITY	UNIT OF ISSUE	UNIT PRICE	AMOUNT
	elected at time of Option Year, depending on building performance. PoP: 02/01/2022 - 01/31/2023				

SOLICITATION NUMBER: 47PB0017R0004
CONTRACT NUMBER: 47PB0018D0010

SERVICE: CUSTODIAL AND BUILDING OPERATIONS & MAINTENANCE COMBINED SERVICES

LOCATION(S): JOHN J. MOAKLEY COURTHOUSE
1 COURTHOUSE WAY
BOSTON, MA 02210-3002

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A. SOLICITATION/CONTRACT FORM

A.1 STANDARD FORMS

See attached SF1449

B. SERVICES, ORDERING AND PRICES

B.1 (N/A) Used for solicitation

C. DESCRIPTION/SPECIFICATION/STATEMENT OF WORK

FACILITY MANAGEMENT

C.1. SCOPE OF WORK

This is a Performance Based Service Contract and the success of the Contract depends on the satisfaction of the requirements, but also the satisfaction of our shared customer. Rather than a mere list of activities, this is a written expression of the GSA's expectation of the service to be performed by the Contractor. A higher level of effective communication between the Government and Contractor is essential for partnering and for the performance based service contract to succeed. The success of this Contract is dependent on an effective partnership between the Government and the Contractor.

More emphasis is placed on the Contractor's self-management of quality, not the usual external inspection by Government Inspectors, although that is a part of this Contract as well. All parties should act proactively to reduce service cost, therein providing an opportunity for the Contractor to increase profit margins.

GSA seeks to establish a Partnering relationship with the Contractor to accomplish its program objectives in this Contract. The objective of the Partnering process is to provide effective problem-finding/problem-solving management team composed of personnel from both parties, thus creating a single culture with one set of goals and objectives. Partnering also requires the recognition that risks must be shared by both parties and that maintaining a healthy partnership is everyone's responsibility. The approach requires utilizing a facilities engineering and systems thinking approach to provide solutions from a global perspective. The outcome of this initiative is for GSA to leverage Contractor technical, managerial, and decision making expertise to assist GSA in accomplishing its goals and objectives.

Support from top management is essential with commitment to the concept and process. The partnering concept commences in the acquisition process by including key performance indicators as evaluation factors for award. The Contractor and GSA will select team members to participate in partnering activities including but not limited to brainstorming, planning, execution, monitoring, feedback, and refinement of strategies to achieve mutual goals. All Contractor resources including but not limited to subcontractors and vendors from various levels of the organization are encouraged to participate. The Partnering team should be balanced and of a size that will maximize efficiency. GSA and the Contractor will meet at the direction of the Contracting Officer (CO) or designee to evaluate the objective, potential course of action, risks, and expected outcomes associated with this Contract. The Partnering team is expected to implement all courses of action agreed upon. The nature of the action and the predefined terms of this contract will govern if additional reimbursement to the Contractor is warranted. Jointly, GSA and the Contractor are expected to monitor and evaluate the success of achieving the objective and make necessary adjustments over the long term. The Partnering team will assess the impacts of all actions and

decisions agreed upon and incorporate this information into future standard operating procedures. Teamwork, trust, and open communication are critical to success of this program.

In addition to partnering with GSA, it is also expected that the Contract partner with other building services contractors and any construction contractors involved in work at the site where services are to be performance. The intent of this partnering is to provide a complete facilities management service that is seamless and smooth to all tenants and GSA.

Coordination and partnering with external stakeholders is also required for Public Realm initiatives, and these specific aspects are outlined in the General Additional Miscellaneous Services Requirements attachment.

In performance of all the requirements of this contract, the Contractor, through innovation, technology, or other means, shall perform maintenance and operations of these facilities in accordance with the Guiding Principles for Sustainable Existing Buildings.

C.1.0 GENERAL REQUIREMENTS

This contract is for facility management, custodial, operations & maintenance, elevator maintenance, "Public Realm" Program and related services with a Performance-Based Statement of Work (PBSOW) for **The John J. Moakley Courthouse**. As a performance-based contract, the requirements are stated in terms of desired results with associated quality standards. The contract consists of two major functional areas: standard services and above standard services.

All references incorporated herein as Web sites (URL's) are accurate as of November 2017, and may be subject to change by their web publisher. Web pages are provided to the Contractor for additional clarity. A change to any Web site specified in this contract does not change or alter the contract objectives identified herein.

C.1.1 THE CONTRACTOR SHALL:

- Furnish all personnel, labor, equipment, materials, tools, supplies, supervision, management, training/certifications, and services, except as may be expressly set forth as Government furnished, and otherwise accomplish all actions necessary to or incident to, perform and provide the work efforts described in the contract.
- Ensure that their employees are properly trained, licensed and/or certified to operate necessary building systems or equipment for which licensed and/or certified personnel are required by Federal, State, or local laws; codes, or ordinances.
- Be responsible to make the management and operational decisions to meet the quality performance standards required under this contract.
- Use innovation, technology and other means and methods to develop and perform the most efficient cleaning services for the building.
- Implement an effective Quality Control Plan (QCP).
- Implement an effective service call system that results in prompt, professional, and courteous resolution of tenant concerns.

- Keep the CO or their designee informed of current status of the work being performed, provide work schedules and provide other pertinent information needed by the CO or their designee.
- Reduce the environmental impacts of work performed under this contract by using, to the maximum extent, environmentally sound practices, processes, and products.
- Comply with all applicable Federal, state and local laws, regulations and codes, including any supplements or revisions. The Contractor shall obtain all applicable licenses training, and permits. If a change in law or regulation requires the Contractor to implement an action that will result in an increase or decrease in Contract price, the Contractor shall implement the required action and within 30 calendar days submit to the CO or their designee a price proposal for such change. If the CO or their designee determines an equitable adjustment is substantiated a modification to the Contract will be issued.
- Provide training to their employees that will stress stewardship in all operations i.e., the proper use, disposal, recycling of chemicals, dispensing equipment and packaging. Provide documentation that their employees are completing training in the core competences and participating in continual educational training according to the Federal Building Personnel Training Act. Ensure that their employees are properly licensed and/or certified to operate necessary building systems or equipment for which licensed and/or certified personnel are required by federal, state or local law, codes or ordinances .Provide training/certifications for their employees that stress stewardship in cleaning practices i.e., the use, disposal and recycling of cleaning chemicals; and dispensing equipment and packaging.
- Maintain all building space assigned to the contractor, and any Government-owned equipment the contractor is authorized to use, in a neat, clean, orderly, and working condition at all times.
- Keep all machine rooms, hoistways, pits, elevator equipment, and landing sill grooves free of dust, dirt, grease, oil, and foreign debris.
- Take all necessary precautions, to safeguard and protect all Government property with which the contractor comes in contact while performing the contract work.
- Keep Safety Data Sheets (SDS) on-site for all materials it uses and will provide them to the CO or their designee upon request.
- Perform all scheduled contract work in tenants' spaces require escort shall be during "Standard Building Occupancy Hours" **7:00 AM TO 5:00 PM**, Monday through Friday excluding federal holidays, unless other mutually satisfactory arrangements have been approved by the CO or their designee.

C.1.1.2 EXCLUDED FROM THE BASE SCOPE ARE:

1. Security systems (does not include mechanical components of the door, closers, keepers, hinges, etc.)
2. Telecommunication systems. Elevator communication devices are NOT excluded.
3. Equipment owned and operated by tenant agencies.
   a. Liebert computer room cooling unit 2nd floor
   b. INERGEN fire suppression system
   c. Washers and dryers
   d. Uninterruptible Power Systems (UPS)
4. Furnishings (not installed as fixtures).

   a. Childcare center cabinetry and related storage is included
5. Paper, soap, and hand-sanitizer dispensing equipment in restrooms.
6. Kitchen appliances and equipment
   a. Ductwork above the ceiling, grease traps with associated piping, and any fire suppression or fire alarm equipment, and the compressor motor for walk-in freezer is included.
7. Equipment owned by servicing public utilities.
8. Upgrade of software or software licenses for BAS and NCMMS.
9. Additional services as needed by various agencies.

C.1.1.3 PROTECTION AND DAMAGE

The Contractor shall make reasonable efforts to assist the Government to prevent hazardous conditions and property damage. To the extent that relevant conditions or activities are noted but are not associated with the Contractor's scope, the Contractor shall promptly report such conditions or activities to the CO or their designee, or to security personnel.

The Contractor shall protect Government's property, buildings, materials, equipment, supplies, records and data that are within the Contractor's control against unauthorized access, loss or damage.

The Contractor shall establish a system for on-site work force personnel to report potentially hazardous conditions in the building to the CO or their designee or other designated Government representatives, regardless of whether the condition is within the Contractor's responsibility.

The Contractor and Contractor's employees and subcontractors shall comply with the General Services Administration, Rules and Regulations Governing Public Buildings and Grounds (as posted in the building), and shall promptly report violations by employees, or as otherwise observed, to the CO or their designee, or security personnel.

C.1.1.4 COMMUNICATION REQUIREMENTS

- Tenant Meetings: The Contractor shall attend tenant meetings; at a minimum on a **quarterly** basis. The meetings will be on the agenda to communicate program specific information, improvements, or work that will impact the tenants.
- Quality Control Meetings: The Contractor shall attend monthly meetings, which will be held between the Contractor and the CO or their designee. The purpose of these meetings will be to discuss the Contractor's performance, areas of deficiencies, areas of satisfaction, and tenant needs or concerns. The frequency of these meetings may be increased or decreased depending upon performance as determined by the CO or their designee.
- Partnering Meeting: The Contractor shall attend at least one partnering session with GSA after the Post-Award conference. Other sessions may take place during the course of the contract at the option of either GSA or the Contractor. The concept of "partnering" is working together towards a common interest or goal. Both parties will revisit the idea of having a partnering session on the anniversary date of the contract. Each partnering session will be held at a mutually agreed upon time and location.
- Joint Service Inspections***:*** The Contractor shall accommodate all requests by the Government to participate in the Contractor's inspection of work performed by Contractor personnel. Scheduling for these joint inspections shall be coordinated through the CO or their designee. This inspection shall

be used with other measures of performance in discussions on Contractor performance during the Quality Control Meetings.

- Judges Meetings: The Contractor shall attend **monthly** Building Committee Meeting to present updates on all projects and outstanding work items.
- The contractor shall plan and coordinate these meetings with GSA.

C.1.2. COMMUNICATION PLAN

The Contractor shall prepare and provide to the CO or their designee a communication plan, detailing how the Contractor plans on using technology (two-way electronic communication) to communicate with GSA and the building occupants to receive and respond to service calls, emergencies, status of projects, etc. The plan shall be submitted as part of the Offer for the Government's review and approval.

C.1.3.0 GENERAL AND ADMINISTRATIVE REQUIREMENTS

C.1.3.1 MINIMUM STAFFING AND ABILITY TO CONTACT AND COMMUNICATE WITH THE CO OR DESIGNEE

The Contractor shall:

- Provide qualified staff and onsite technicians to ensure services are provided and continued without disruption to the tenant. The Contractor must be able to respond immediately to a variety of work requests with appropriate resources, including the operation of building control and energy management systems. Technicians shall be certified and properly licensed in accordance with Federal, State, or Local laws, codes, or ordinances to perform the work that they are assigned. See paragraph H.16 Personnel Qualifications for additional information.
- Provide a Project Manager - The project manager is a person, designated in writing by the Contractor, who has complete authority to act for the Contractor in every detail during the term of the Contract. The Project Manager shall have the authority to accept notices of deductions, inspection reports and all other correspondence on behalf of the Contractor. The Project Manager's physical location and availability shall be approved by the CO or designee.
- Provide an Onsite Supervisor - The onsite supervisor is a person, designated in writing by the Contractor, who has complete authority to act for the Contractor on a day-to-day basis at the work site. The onsite supervisor shall have the authority to direct the workforce and the work to be accomplished under this Contract on behalf of the Contractor. The onsite supervisor's physical location shall be at the work site. When multiple shifts are required, the Contractor shall designate a minimum of one onsite supervisor for each shift. These individuals may be classed as working supervisor if so desired by the Contractor and may perform the functions of mechanic and supervisor concurrently.

  The duties of the on-site supervisor include, but are not limited to the following:

  - Maintaining communication with the Government during normal duty hours and after hours for emergencies. (See Section C.1.3.4, Communication Equipment).
  - Immediately notifying the CO or their designee of any recognized safety hazard that might severely affect the building occupants.

- Develop and submit to the CO or their designee within **15 days** of Contract award a finalized list of key personnel and emergency contact information (which may include subcontractor contacts, as applicable).
- Shall have all Contract employees, including subcontractor employees, sign in and out, upon entering or exiting the building using a log established at each building for security and Contract administration purposes.

C.1.3.2 BUILDING MANAGEMENT SUPPORT SERVICES (MISCELLANEOUS AND UTILITY ESCORT SERVICES)

The Contractor shall provide reasonable and competent assistance during normal working hours to GSA personnel or other GSA Contractors performing energy studies, engineering studies, building condition evaluations, fire protection facility surveys, project designs within the building, and other access needs. Such assistance shall include escorting investigatory personnel through spaces in the building in accordance with building security requirements, explaining the operation and condition of equipment and systems to investigatory personnel, and providing access to trend data, maintenance records, reference library materials, and other pertinent building technical data to investigatory personnel. The CO or their designee shall inform the Contractor as far in advance as possible of the actual date and time these services are needed. At the discretion of the CO or designee the contractor may be directed to use Miscellaneous Work hours to perform these services. When not directed to use Miscellaneous Work hours to perform these services the Contractor will be compensated for the actual time required to escort the GSA personnel or Contractor at the hourly rate specified in Section B of this Contract. Report number of hours provided in the Monthly Progress Report C.1.13.

C.1.3.3 KEY CONTROL

The Contractor shall follow the building's key control program. Keys issued to the Contractor or the Contractor's personnel or subcontractors shall be signed for and not transferred to other personnel unless recorded in the key control log and or authorized by the CO or their designee. The Contractor is financially liable for the cost of rekeying if keys are lost or not recovered from terminated employees or subcontractors.

C.1.3.4 COMMUNICATION EQUIPMENT

The Contractor shall provide key operational personnel (managers, supervisors, and duty mechanics) with portable electronic means to communicate with GSA for work requests, emergencies, status of projects, etc. Electronic communication methods are the following:

- Phone/Emails/Text messaging via smartphone or tablet devices. The Contractor is responsible for all initial and monthly costs associated with the device. In areas where cellular service is unavailable, or unreliable, special exceptions may be made by the CO or designee on a case by case basis.
- Such devices must be on the list of GSA approved devices and are to be processed through GSA's procedures for remote mobile management. This will allow for mobile access to GSA email, and the NCMMS mobile environment for work order management. The process for this and the list of currently approved devices is available upon request.

C.1.3.5 ONSITE RECORDS

The Contractor shall ensure that all records required by the Contract, or produced in performance of work under the Contract, are maintained in an organized manner onsite in electronic format and are made available to the Government when requested. The Contractor shall receive, maintain and gather data, as well as other materials including records and manuals, related to the support and operation of Government facilities. The Government retains ownership of all databases, information, and other materials received or developed by the Contractor in support of this Contract at all times. To the greatest extent practicable, the NCMMS shall be used for records documentation.

C.1.3.6 WORK REQUESTS AND ADMINISTRATIVE SUPPORT

The Contractor shall operate a work request and administrative support function during normal working hours, to act as a central point of contact for the Government and building occupants to take work requests, and track and maintain work request records in the NCMMS. This includes work requests for work not under the scope of this Contract (i.e., performing a central work request desk function for the facility, regardless of who is responsible for responding to the work request). Work requests can be received in any form i.e., written, verbal, or electronic.

The Contractor shall provide a means to receive work requests through all methods described outside normal working hours. All received work requests are to be handled within the timeframes noted for each service beginning at the start of the following working day. Emergency call back situations are to be handled immediately in accordance with contract requirements.

All work requests and resultant work orders shall be documented in the NCMMS and annotated with cause and resolution information, time of receipt, work start, and completion, as well as time to complete any necessary action.

Service Calls / Work Requests shall be monitored and satisfactorily responded to in a timely manner per the designated response times. The Contractor shall include a method of recording customer calls, the time to complete the service call, and the corrective action taken. These records shall be made available for review by the CO or their designee.

When receiving the work request, the Contractor will record, at a minimum:

- The name of the requester
    - If it is the first time the requester has reported an issue the Contractor will create an NCMMS “People” record containing:
        - The caller’s full name (including middle initial).
        - Contact information, including phone number and email address to be used for status updates if desired and a feedback survey upon work completion.
- Type of problem being reported (e.g. hot call, light out, spill, picture hang request, etc.)
- Location of problem
- Which agency is being affected

C.1.4.0 WORK REQUEST

C.1.4.1 GENERAL

The contractor shall respond to work requests and initiate corrective actions and identify any repair requirements during normal working hours. The contractor shall respond to emergency work request /

work orders (during normal working hours) and callback (after hours) work requests at all times. The government (or, where applicable, the tenant agency) may transmit work orders to the contractor for work request / work order or emergency work request / work order and callback orally, by email, by creation of a work order by a government employee or representative, or by generating an automated work order.

The contractor shall respond according to specified service response times as outlined per service type in the respective scope of work sections.

C.1.4.2 EMERGENCY WORK REQUEST

Emergency work requests are work requests where the work consists of correcting failures that constitute an immediate danger to personnel or property, e.g.: broken water pipes**,** stalled elevators with trapped passenger**,** electrical power outages, electrical problems that may cause fire or shock, gas or oil leaks, major air conditioning or heating problems, etc., or any work considered by the CO or their designee to be of an emergency nature. The Contractor shall remain on the job until the emergency situation has been secured and adequate temporary repairs have been made. Permanent repair shall be governed by the repairs provisions in this document. All emergency work requests are to be documented in the NCMMS as a priority level 1.

C.1.4.3 EMERGENCY CALL BACK (AFTER HOURS)

Emergency call back requests are work requests where the work consists of correcting failures that constitute an immediate danger to personnel or property, e.g.: broken water pipes, stalled elevators with trapped passengers, electrical power outages, electrical problems that may cause fire or shock, gas or oil leaks, major air conditioning, heating problems or fire alarm malfunctions, etc., or any work considered by the CO or their designee to be of an emergency nature. The Contractor shall remain on the job until the emergency situation has been secured and adequate temporary repairs have been made. Permanent repair shall be governed by the repairs provisions in this document. The Contractor shall provide a written accounting of any emergency call back, to include costs incurred and plan for permanent correction of the problem, to the CO or their designee the morning of the next working day. All emergency call back work requests are to be documented in the NCMMS as a priority level 1.

C.1.4.4 URGENT WORK REQUEST RESPONSE

Urgent work requests are those work requests where the work consists of correcting failures that interrupt or otherwise adversely impact either GSA operations or building occupant operations, but do not pose immediate danger. Examples of these types of work requests include, but are not limited to, inoperative electrical circuits, temperature complaints, inoperative lighting above a work station, flush valve stuck open, any malfunctions to equipment that affect the operations of building occupants, or any work considered by the CO or their designee to be of an urgent nature. The Contractor shall remain on the job until the urgent repairs have been made. Permanent repair shall be governed by the repairs provisions within this document. All urgent work requests are to be documented in the NCMMS as a priority level 2.

C.1.4.5 ROUTINE WORK REQUEST RESPONSE

The Contractor shall respond promptly to routine work requests (i.e. plumbing & lighting issues). The Contractor shall immediately notify the CO or their designee with a written extension when the routine service call cannot be completed within the specified timeframe. All routine work requests are to be documented in the NCMMS as a priority level 3.

C.1.4.6 USE OF NCMMS

GSA's goal is to use Government-furnished NCMMS in all locations.

The Contractor will perform only as an end user in the NCMMS. All system programming is the burden of the Government.

The NCMMS is the system of record for the equipment/asset list, preventive maintenance schedule, and work orders. All data in the NCMMS belongs to GSA, and the Government may use NCMMS for reports, quality assurance, and data calls. Additionally, Contractor shall provide reports, data, etc., when requested by the CO or his/her designee.

All personnel requiring access to GSA's NCMMS will be required to obtain government access account ENT credential and will need to maintain an up to date system profile. At a minimum this will entail logging into the GSA system at least **every 30 days** to maintain an active profile, as well as completing annual **GSA IT Security Training** courses through GSA's Online University (https://gsaolu.gsa.gov).

The Contractor shall utilize NCMMS to handle mobile work management practices. This includes but is not limited to using the NCMMS mobile application for: management and input of work orders, documentation of time to complete work orders in real-time when possible, work order closeout including root cause failure analysis documentation. All devices used for mobile work management must comply with the requirements for communication equipment in C.1.3.4.

The Contractor personnel shall use the NCMMS to identify, control, track, and schedule preventive maintenance work, Work Request / Work Orders, and equipment inventory. The Contractor shall track historical maintenance and repair activities for each work order received during the performance of the Contract. Contractor deliverable reports will be produced from the NCMMS and use the NCMMS to provide current contract monthly submittal requirements, such as monthly reporting and identify completion of scheduled work orders, contract reports of accomplishment of services to the CO or designee when requested.

All work done by the Contractor shall be accomplished under a NCMMS work order. The Contractor shall provide reports to the CO or designee as requested and in a format and media as requested. On a yearly basis, the Contractor will complete a NCMMS audit in a format provided by the CO or designee. The Contractor will correct any deficiencies noted on the audit within in a month of receiving the report.

C.1.5.0 SAFETY AND ENVIRONMENTAL MANAGEMENT

C.1.5.1 GENERAL

The contractor shall use to the extent practicable, the safest and most environmentally friendly products and processes available. The contractor shall be cognizant of and comply with all federal, state, and local laws and regulations related to building management (permitting, inspection, testing and personnel safety; control of hazardous substances, certification) to include materials and associated systems used or removed in the performance of this contract. Contractor shall comply with all such requirements, including record keeping. The contractor shall comply with all federal, state, and local environmental and safety laws and regulations that relate to the maintenance and operation of equipment and systems within the scope of this contract. The contractor will be responsible for any fines or penalties levied by any environmental or regulatory authority resulting from their action or inaction, (not actions or inactions from a third party or the government) and may be charged the cost as a performance deduction under the

adjusting payments clause. The contractor's maintenance, operations, materials and processes shall use green products and processes including, but not limited to products containing recycled content, environmentally sustainable products and services, bio-based products, and products and services that minimize the use of energy, water, and other resources.

C.1.5.2 SCHEDULING AND RECORD KEEPING

The contractor shall maintain copies of all tests, certifications, permits and other required records, and provide copies to the co and designee. In addition, all required safety and environmental tests; certifications, permits, and other procedures required in this document shall be scheduled in the NCMMS work order system and documented in the NCMMS.

C.1.5.3 HAZARDOUS MATERIALS

C.1.5.3.1 SAFETY DATA SHEETS

The Contractor shall make safety data sheets (SDS) available to their employees in accordance with 29 CFR 1910.1200. MSDS shall also be made available to the CO or their designee on request. The Contractor shall prepare and submit a hazardous materials inventory as an appendix to the building operating plan. The inventory shall itemize all hazardous materials by specific type as sold with individual MSDS and include information pertaining to approximate quantities of each type and exact locations where hazardous materials are to be stored on the premises.

C.1.5.3.2 DISPOSITION OF HAZARDOUS WASTE

Hazardous Wastes not subject to the Universal Wastes Rule shall be managed in accordance with 40 CFR 260. Universal Wastes (fluorescent lamps, certain batteries and pesticides) in any quantity subject to the Universal Waste Rules shall be recycled or disposed of as Hazardous Waste. Preference is given to recycling of intact items.

C.1.5.3.3 RECYCLED CONTENT PRODUCT PURCHASE ANNUAL REPORTING

The Contractor shall provide reports, estimating the percentage of total recovered material used in Contract performance, including, if applicable, the percentage of post-consumer material content, to the CO or their designee in compliance with the Contractor schedule.

C.1.5.4 DEFINITIONS

Definitions of terms used within this statement of work are incorporated into the contract as **Section C.2** and are provided separately.

C.1.5.5 REFERENCES & FEDERAL REQUIREMENTS

References and applicable Federal requirements are incorporated into this statement of work as **Section C.3 and** are provided separately.

C.1.5.6 EXISTING DEFICIENCY INSPECTION/INITIAL DEFICIENCY LIST

The existing deficiency inspection and list is meant to identify and document all deficiencies that exist in the equipment and systems covered by this performance work statement, but that will not be repaired during routine preventative maintenance and includes the Contractor's itemized price (including, but not limited to labor, materials, overhead, and profit) for correcting each deficiency. This inspection is required to be documented in the NCMMS.

C.1.5.6.1 INITIAL INSPECTION

The Contractor and the CO or their designee shall make a complete and systematic initial inspection together during the startup or transition phase of the contract that will include all mechanical, electrical, elevator fire protection and life safety systems, environmental systems, including but not limited to USTs and structural stormwater best management practices (including drains, oil/water separators, etc.) and utility systems and equipment, windows, doors, and other structural features for which maintenance and repairs are covered by this performance work statement. The purpose of this inspection shall be to discover and list in an existing deficiency list report all deficiencies that may exist in the equipment and systems covered by this performance work statement, as well as the Contractor's itemized price (including, but not limited to labor, materials, overhead, and profit) for correcting each deficiency. The Government may elect to have all or any part of this work performed by the Contractor (at the price or prices quoted), by Government employees, or by other Contractors. The existing deficiency list report shall not include any items that would be replaced, repaired, or adjusted during the performance of normal preventive or predictive maintenance.

C.1.5.6.2 INITIAL DEFICIENCY LIST

The Contractor shall submit an initial deficiency list report not later than **30 days** after award of the Contract to the CO or designee. Any dispute between the Government and the Contractor as to classification of initial deficiency list report items will be resolved under the Disputes Clause in this document. The Contractor's itemized estimates for correcting each deficiency shall remain in effect for **90 days** after submission of the initial deficiency list report. Deficiencies discovered after the submission of the initial deficiency list report will not be considered pre-existing for purposes of this Contract, unless equipment is operational and cannot be secured and inspected. Any piece of equipment or system that cannot be inspected shall be highlighted at the beginning of the deficiency list stating why it cannot be secured and inspected. An estimate of when the Contractor reasonably expects to be able to inspect the piece of equipment shall be provided. When an existing deficiency in an item is corrected, the Contractor shall assume full responsibility for the subsequent repair of the item as covered under the terms of this Contract at no additional cost to the Government. Nothing in initial deficiency list clause shall be construed as diminishing the obligations imposed by this Contract upon the Contractor to operate any deficient item (to the extent operable) or to adjust or maintain any such item.

C.1.6.0 STARTUP PHASE/TRANSITION PHASE

C.1.6.1 TRANSITION STARTUP PHASE

The Contractor shall provide within **30 days** of transition startup services prior to the Contract start date to assist transitioning between Contractors. The purpose of this phase is to permit a transition that is seamless to the tenants and to assess the condition of the building and incomplete maintenance work at the time of Contractor transition. During this period the Contractor shall provide all deliverables (contract submittals) indicated due prior to start of work as noted in **Submittals (Contract Deliverables) document.**

C.1.6.2 STARTUP PHASE SCHEDULE

Within **15 days** of the startup phase, the Contractor shall submit a schedule and staffing plan for the startup phase. This plan shall describe, by week, work to be accomplished. At the end of each week during the startup phase, the Contractor shall submit a letter report describing work accomplished.

C.1.7 ADJUSTMENTS AND CORRECTIONS

The Contractor shall be responsible for making immediate adjustments or corrections that fall within the scope of routine preventive maintenance required by this Contract at no additional cost to the Government. This includes, but is not limited to: making adjustments to controls; adjusting the BAS software, e.g., correcting set points; reloading programs; restoring equipment being operated manually to automatic operation (this does not include changing established sequences of operation or programming sequences); applying lubricants; cleaning fan housings, fans, coils, dampers, air handling unit (AHU) Sections, and equipment rooms; and replacing consumable parts or components. The Contractor shall identify for the Government all alarm points with originating point identification information (device ID, point number, description), so that the Government, at its discretion, may arrange for automatic generation of work orders from alarm conditions.

C.1.8. PROTECTION AND DAMAGE

The Contractor shall make reasonable efforts to assist the Government to prevent hazardous conditions and property damage and to maintain security. The Contractor shall promptly report such conditions or activities to the CO or their designee, Federal Protective Service (FPS) personnel, and US Marshal Service as necessary. The Contractor shall protect Government property, buildings, materials, equipment, supplies, records, and data within the Contractor's control against unauthorized access, loss, or damage and excessive energy consumption. The Contractor shall establish a system for onsite work force personnel to report potentially hazardous conditions in the building to the CO or designee. The Contractor and Contractor's employees and subcontractors shall comply with the GSA's Rules and Regulations Governing Public Buildings and Grounds (as posted in the building) and shall promptly report violations by employees, or as otherwise observed, to the CO or their designee or security personnel. The Contractor shall provide reasonable assistance to security or emergency response personnel as needed

C.1.9 NEGLIGENCE

The Contractor shall provide all labor, materials and equipment necessary for the protection of Government personnel, equipment, furnishings, buildings, and facility accessories (such as parking lots, fences, etc.) from damage caused by Contractor's negligence. Any items damaged due to work performed by the Contractor or subcontractor working for the Contractor shall be repaired or replaced to its original condition and finish at no additional cost to the Government. If equipment shall be operated beyond normal conditions to prevent damage to equipment, the Contractor will be responsible to pay for additional energy used as a result of negligence.

C.1.10 PHASE-OUT TRANSITION PERIOD

When the Contract ends, the Contractor shall cooperate with the incoming Contractor during a phase-out period. For planning purposes, the Contractor shall assume a phase-out period of **60 days**.
During this phase-out period, the Contractor shall:

1. Assist the CO or their designee and incoming Contractor for a seamless transition in operations and maintenance with no adverse effect on the building tenants;
2. Provide GSA and the successor Contractor with access to all records and official documentation (both hard copies and electronic as applicable) required by this Contract;
3. Provide training to the successor Contractor on methods of accessing and programming the building automation system (BAS) and other control systems; and

4. Show the successor Contractor where all archived programs and systems literature are maintained. On the last performance day of the Contract, the Contractor shall turn over to the CO or their designee all keys and identification badges or cards.
5. Coordinate and complete disposal, cleanup, and transfer of all materials according to applicable laws.
6. Provide all data records (database files, spreadsheets, etc.) relating to building systems, assets, work orders, permits, work activities, etc. to GSA. GSA owns all data compiled under this Contract or ancillary to this Contract.

C.1.11 DEFICIENCY LIST COMPLETION AND WITHHOLDING OF FINAL PAYMENT

Thirty (30) days prior to the expiration of the contract, the contractor and the COTR together will inspect all building systems and equipment. The Government may employ the services of another Contractor in the development of the list and upon completion provide the Contractor with a copy of work not completed, to include the monetary value the Government has assigned for each item, or require the contractor to prepare said list. The Government retains sole discretion over whether to charge the Contractor for the monetary value of the list in whole or in part or to request corrections by the Contractor. If the Government elects to request corrections by the Contractor, the Contractor shall have until the end of the Contract period to perform such corrections and may invoice for funds withheld on acceptance of the corrections by the Government. Nothing in this Section shall be construed to limit the Contractor's liability or restrict the Government from reporting unsatisfactory or problematic performance by the Contactor.

C.1.12 GREEN PURCHASING PLAN

C.1.12.1 SUSTAINABLE PRODUCTS

The Contractor shall use green cleaning products, processes and equipment, and shall demonstrate such capability by submitting a green cleaning plan, in accordance with Section C.1.5.5 & C.1.18 'Federal Requirements' & 'Submittals Chart (Contract Deliverables)', to the CO or their designee that describes methods, materials, and equipment used under the contract. Green cleaning is a planned and organized approach to cleaning that is designed to protect the occupants and workers' health and reduce the impact on human health and the environment.

The Contractor shall use safe and environmentally friendly products as referenced throughout this specification. Green cleaning products and processes include, but are not limited to bio-based products, products containing recycled content, environmentally preferable products and services, and otherwise environmentally friendly products and services that minimize the use of energy, water, and other resources. Chemical concentrates that require dilutions are preferable compared to ready-to-use products and should be used whenever possible. Dilution control equipment should be employed to ensure correct dilutions of concentrates and to protect workers from exposure to concentrated chemicals. Green cleaning products and processes shall be compliant with the Guiding Principles for Sustainable Existing Buildings.

For categories of items that are EPA-designated (e.g. Comprehensive Procurement Guidelines [CPG]) and USDA designated in the BioPreferred Program (visit http://www.biopreferred.gov/), and all other factors (such as price, performance, and availability) being equal, the Contractor shall selected the CPG item. For other purchases, unless the Contractor receives an exemption from the Contracting Officer, the Contractor shall select USDA designated products over products with other sustainable attributes. Products designated under Federal sustainable product programs – USDA BioPreferred, EPA CPG, EPA Design for the Environment, and Department of Energy's Energy Star and FEMP - can be found on

www.sftool.gov. Sustainable products designated under third-party programs include but are not limited to Green Seal™ and Environmental Choice. Examples of green cleaning products that are available with environmental designations are found in Section J, Exhibit 9. This list is not all inclusive. For those categories of product not recognized by one of the aforementioned standard's, preference shall be given to products meeting the California Code of Regulations maximum allowable Volatile Organic Compounds (VOC) levels for the appropriate cleaning product category(California Air Resource Board/California Code of Regulations (CCR), Title 17 CCR Section 94509 – (Topic cited; Standards for consumer products at www.calregs.com).

The Contractor shall also follow all applicable standard industry practices including, but not limited to those published by the National Institute of Building Sciences (NIBS), American Society of Testing Materials (ASTM), Carpet and Rug Institute (CRI), and applicable standards of the Environmental Protection Agency (EPA).

C.1.12.2 EXCEPTIONS

If cleaning products that meet the criteria above are (1) not reasonably available within a reasonable period of time; (2) fail to meet the performance standards set forth in the specification or fail to meet the reasonable performance standards of GSA; or (3) are available only at an unreasonable price, only then can the custodial Contractor use other types of products. In these cases the Contractor shall continue to use, to the extent possible, the safest and most environmentally friendly products. Exemptions can be granted to the Contractor only by the CO or their designee.

C.1.12.3 PROOF OF COMPLIANCE

The Contractor must, at all times during the performance of this contract, maintain a cut sheet or other documentation of compliance with product purchasing activities as stated within this specification to include Section J, Exhibits 6, 7, and 9. The Contractor shall provide copies of such documentation to the CO or their designee upon request.

C.1.12.4 GREEN PURCHASE REPORTS

The Contractor shall submit information on green purchasing practices specific to the performance of this contract. Records showing the monthly cost of green cleaning products and materials purchased shall be provided to the USDA and the CO or their designee by the Contractor so that this report can be submitted by the CO or their designee as required by the Resource Conservation and Recovery Act (RCRA), USDA, and EO 13514. Reportable information and formats are provided in Section J, Exhibits 6 and 7 for the following:

- Bio-based: For categories of items that are EPA-designated (e.g. Comprehensive Procurement Guidelines [CPG]) and USDA designated in the BioPreferred Program (visit http://www.biopreferred.gov/), and all other factors (such as price, performance, and availability) being equal, the contractor shall selected the CPG item. For other purchases, unless the contractor receives an exemption from the Contracting Officer, the contractor shall select USDA designated products over products with other sustainable attributes.

  The Contractor shall provide a list of USDA-designated bio-based products purchased October 1-September 30, during the previous fiscal year. Information will include the types and dollars spent on these products. The Contractor shall submit the report in accordance with Federal Acquisition Regulation (FAR) Clause 52.223-2 no later than October 31 of each year during contract performance and at the end of contract performance. The reports shall be submitted to the USDA designated location and a copy to the following e-mail address PBSbiobasedreporting@gsa.gov.

- Non bio-based: The Contractor shall submit a report of all non-bio-based products to include: Green Seal, DfE, CPG, and Environmental Choice (low VOC, Non-Ozone Depleting), as well as non-green (Hazardous/Toxic) products to the CO or their designee no later than October 31 of each year during contract performance and at the end of contract performance. Report shall include the cost of cleaning products and materials purchased under this contract.

C.1.12.5 SOLID WASTE AUDIT

The Contractor shall coordinate with Janitorial contractor and solid waste contractor to perform a solid waste audit of the building and submit the findings to the CO or their designee and the government's Solid Waste Program Manager. Based on the findings, the Contractor shall partner with the Government, the Government's hired janitorial contractor, and the Government's hired solid waste and recycling services provider to set up a recycling program that is cost effective to the government and will maximize the amount of waste diverted from the landfill. The Contractor shall participate in all established recycling programs for common items such as plastic, cardboard, glass, and paper products. The Government may perform solid waste audits at their discretion and the Contractor shall partner with the Government to implement best practices solid waste audit recommendations.

C.1.13 MONTHLY PROGRESS REPORTS

The Contractor shall develop a monthly progress report using NCMMS and any other reporting system data, describing the status of maintenance and overall building operations as of the last day of the performance month. The report shall be submitted to the by the **5th working day** of the subsequent month.

This report shall include:
Work Order status of all types of maintenance, repairs, service calls (highlight overdue and tenant complaints), to include deferred, completed, and active (include estimated completion date), by type of work i.e., reimbursable, repair, and work orders resulting from testing and inspections, and any equipment out of service.

1. Explanation of any equipment, designed to be controlled by the BAS, operating in manual mode as of the end of the performance month, and of any other overrides to sequences of operations in effect as of the end of the performance month.
2. Operating schedule changes (manual or programmed)
3. Description of any lost time accidents or other safety problems, including incidents involving hazardous materials that occurred during the performance month
4. Copies of quality control inspections performed during the month attached to the report (include NCMMS inspection Work Order numbers).
5. Building Management Support Services (utility hours/miscellaneous work) provided during the month.
6. Copy of arrival and departure reports
7. Monthly water treatment test results
8. Recalibration documentation of advanced metering equipment.
9. When testing is performed, the Contractor shall submit results with the next monthly progress report

10. Refrigerant control logs shall be updated as required, and a copy sent with the monthly report.
11. The Contract shall record the fuel levels monthly and report findings in the Monthly Progress Report
12. Review of energy performance trends as of the end of the performance month and description of likely causes of significant changes from the same month 1 year prior.
13. Check and record diesel fuel levels
14. Public Realm Events and Program Update
15. Any incident reports
16. Any noted Pest Control program findings
17. The Contractor shall read and record all Meters Reading daily and then provide the readings in the monthly report to CO or designee.

C.1.14 PERFORMANCE REVIEW MEETINGS

The Contractor shall meet with the CO or their designee and other Government representatives, at the discretion of the CO or designee, to review Contract performance.

C.1.15 OCCUPANT FEEDBACK PROGRAM

Contractor shall utilize the built-in Work Order feedback system within the NCMMS to perform occupant feedback surveys. This will require tenant contact information in the form of NCMMS People records be managed and kept up to date by the contractor, and documented on all incoming service calls.

Any and all received feedback, coupled with any additional Government performed feedback programs, including TSS, will be used to evaluate contractor performance with respect to customer interactions and satisfaction.

C.1.16 KEY PERFORMANCE INDICATORS

The Contractor must articulate and detail specifics in their proposal of how they will accomplish every requirement and how the Contractor's effort will support GSA's mission of protecting and preserving real property assets while enhancing the level of comfort for tenants The Contractor must provide management, supervision, labor, materials, equipment, and supplies and shall be responsible for the efficient and effective operation, scheduled and unscheduled maintenance, repair of equipment and systems, and vertical transportation located within the property line. The purpose of Partnering is not to add tasks or increase costs, but to align KPIs more effectively.

GSA Region 1 seeks to develop a relationship with its Operations and Maintenance contractor on a mutually supportive partnership arrangement. This partnership should work towards this facility becoming a more sustainable and best value to the taxpayer. To this end, we have established existing Key Performance Indicators (KPIs) that are to be followed by the Contractor. Throughout the reporting period both the facility manager and the Contractor quality assurance staff will have weekly discussions on the progress of meeting the KPI metrics. The following KPIs will be directly tied to all Contractor Performance Assessment Reporting (CPAR) documented by the CO or their designee.

Key Performance Indicators (KPIs) are provided as additional document.

C.2. DEFINITIONS

C.2.1 GENERAL PROGRAM

The work specified in this specification shall be in accordance with all Federal, State, county and city laws, codes, and ordinances and shall follow the more stringent of them. In addition to compliance with these laws, the Contractor shall follow all applicable standard industry practices including, but not limited to, the Occupational Safety and Health Act (OSHA) and NIBS.

C.2.2 ABOVE STANDARD SERVICES

Above Standard Services are services not covered in the monthly price of the contract. Contractor prices include all applicable labor, materials, supplies, training/certifications, equipment (except as otherwise provided), supervision, and management.

C.2.3 ACCEPTANCE

"Acceptance" means an authorized representative of the Government has inspected and agreed that the work meets all requirements of this contract, to include documentation requirements.

C.2.4 ACTS OF GOD

These are unanticipated grave natural disasters or other natural phenomenon of an exceptional, inevitable, and irresistible character; the effects of which could not have been prevented or avoided by the exercise of due care or foresight.

C.2.5 ADDITIONAL SERVICES

"Additional services" are services that the Contractor will provide at an additional cost to the Government, to include all labor, supervision, supplies and materials specifically identified as being outside the provisions of the basic services and included in the offeror's overall pricing. The CO or their designee will issue a separate delivery order before work may proceed.

C.2.6 ADVANCED METERS

Advanced meters are those that have the capability to measure and record interval data (at least hourly for electricity), and communicate the data to a remote location in a format that can be easily integrated into an advanced metering system.

C.2.7 ADVANCED METERING SYSTEMS

A system that collects time-differentiated energy usage data from advanced meters via a network system on either an on-request or defined schedule basis. The system is capable of providing usage information on at least a daily basis and can support desired features and functionality related to energy use management, procurement, and operations, U.S. Department of Energy, EERE: Guidance for Electric Metering in Federal Buildings, (February 3, 2006).

C.2.8 APPROVAL

'Approval' means the Government has reviewed the submittals, deliverables, or administrative documents [e.g., insurance certificates, Material Safety Data Sheets (MSDS), etc.], and has determined that the

documents conform to contract requirements. Government approval shall not relieve the Contractor of responsibility for complying with Federal, State, and local laws and regulations.

C.2.9 ARCHITECTURAL AND STRUCTURAL

"Architectural and structural" systems include all building structure, envelope, building improvements and finishes, and site improvements (e.g., paving, walkways, asphalt, etc.) to the property line.

C.2.10 BASIC SERVICES

The Basic Services of the contract consist of the recurring contract requirements for which the Contractor is paid as a base price, i.e., the requirements established by the contract statement of work and related general and administrative requirements that do not contain provisions for separate reimbursement. Indefinite Quantity requirements (Additional Services and Reimbursable Repairs) are requirements outside of Basic Services, for which payment is made on a case-by-case basis.

C.2.11 BUILDING

A reference to 'facility' and 'site' is interchangeable with 'building.' A man-made structure or edifice which services are performed within or on the exterior of the formation and is intended to support or shelter any use or continuous occupancy.

C.2.12 BUILDING AUTOMATION SYSTEM

The "building automation system" is a system of controlling and monitoring building HVAC, and possibly other systems, to include, field, and global controllers, instrumentation, networking infrastructure, computers and peripherals, software, programming, database files, and licenses. A System integrator is the "BAS support vendor", or "BAS Dealer/Distributor", or a brand software company such as, "JCI", "Siemens", "Honeywell", or a branch or independent BAS vendor.

C.2.13 GSALINK

GSAlink is a strategic platform to leverage automated building analytics technology to measure and substantially lower operational expenses in the existing owned building portfolio through on going commissioning. GSAlink is a hardware and software solution to capture real-time building systems point data, apply rules-based analytics software to the data, and spot trends and deficiencies while reporting actionable events to building operators, O&M contractors, and GSA service center property managers. This platform is provided to the O&M to help meet their contractual requirements to the GSA of running the building in the most efficient and energy savings way possible.

C.2.14 BUILDING OPERATION PLAN

The "building operating plan" is a mandatory plan that the Contractor prepares for Government approval that describes the Contractor's program for operating and maintaining the building, to include both normal circumstances and contingencies.

C.2.15 CLEANABLE SQUARE FEET

This is calculated by taking the Gross Square Feet minus walls (approx.1.5% of gross square feet) minus non-cleanable areas such as electrical closets, closets, mechanical rooms, storage rooms, raised floor computer rooms, etc.

C.2.16 COMMISSIONING

A practice used to optimize and verify performance of fundamental building systems.

C.2.17 ONGOING COMMISSIONING

The practice of optimizing system performance by continuing to fine-tune equipment so will result in actively preventing problems for the lifetime of the building. GSA's Ongoing Commissioning efforts will focus on maintaining the facility in the optimized state resulting from TBC and Re/Retro Commissioning efforts. GSA will achieve this through its relationship with its service providers (Operations and Maintenance/Custodial/Repair and Alterations/IT/Utilities) and the use of technology (networked systems/Advanced Meters/Smart Buildings/GSALink).

C.2.18 COMPUTERIZED MAINTENANCE MANAGEMENT SYSTEM (CMMS)

A "computerized maintenance management system" is a database and application software package that automates the O&M and repairs record keeping requirements. A CMMS is designed to enhance efficiency and effectiveness of maintenance activities. Typical features include planning, scheduling and monitoring of work orders and maintenance needs.

GSA's National CMMS (NCMMS) is a central repository (Database) for all maintainable GSA Assets. The NCMMS provides a mandatory, Agency-Wide means and method for processing and reporting all maintenance work done for GSA regardless of Region or Contractor.

C.2.19 CONSUMABLE PARTS

"Consumable parts" or components are parts or components that customarily require regular replacement rather than repair in a maintenance program and shall be disposed of properly. Examples include, but are not limited to: oil, grease, belts, filters, ballasts, lamps, etc.

C.2.20 CONTRACTING OFFICER (CO)

Contracting Officer (CO) has the overall responsibility for the administration of this contract. The CO alone, without delegation, is authorized to take actions on behalf of the Government to amend, modify or deviate from the contract terms, conditions, requirements, specifications, details and/or delivery schedules. However, the CO may delegate certain other responsibilities to authorized Government representatives.

C.2.21 CONTRACTING OFFICER'S REPRESENTATIVE (COR)

Contracting Officer's Representatives (COR) shall be appointed by letter from the CO. CORs or designees will be the primary Government representatives for the administration of Contract, shall have proper training and experience in inspecting contracts, but will not have the authority to modify the contract.

C.2.22 CONTRACTOR

"Contractor" as used in this document refers to the company or firm awarded this contract.

C.2.23 CONTRACTORS OTHER THAN NORMAL WORKING/DUTY HOURS

Hours other than those identified as Normal Working Hours.

C.2.24 CONTROLS AND CONTROL SYSTEM

A "control system" is any low-voltage control, communication and monitoring system, including but not limited to stand alone devices, field and global controllers; instrumentation; networking infrastructure; computers and peripherals; software; programming; database files; and licenses. Examples are the BAS, Advance Metering System (AMS), and lighting control systems. Fire protection systems and security systems are excluded from this definition for purposes of this contract and are defined separately. Gateway devices and mapping software and files for data interchange between a control system and a fire protection or security system are considered part of the control system.

C.2.25 CUSTODIAL

Custodial and related services can include cleaning, window washing, trash removal, recycling, landscaping, and maintaining a building or area. A reference to 'custodial' is interchangeable with 'janitorial'.

C.2.26 DEFECTIVE SERVICE

A unit of service that does not conform with specified contract requirements.

C.2.27 EMERGENCY

The term "Emergency" refers to situations or occurrences that create or present a significant impact to operations and or safety through unplanned or unforeseen actions or activities. This includes bombings, and bomb threats, civil disturbances, fires, explosions, electrical failure, loss of water pressure, building flooding, sanitary and sewer line stoppage, chemical and gas leaks, medical emergencies, hurricanes, tornadoes, floods, and earthquakes. The term does not apply to civil defense matters such as potential or actual enemy attacks.

C.2.28 EMERGENCY CALLBACK

An "emergency callback" is a work request placed outside of normal working hours and of such a nature that response cannot wait for the resumption of the next day's normal working hours.

C.2.29 ENVIRONMENTALLY SUSTAINABLE

Products or services that have a lesser or reduced effect on human health and the environment when compared with competing products or services that serve the same purpose. This comparison may consider raw materials acquisition, production, manufacturing, products and chemicals, packaging, distribution, reuse, operation, maintenance, or disposal of the product or service. Attributes of environmentally sustainable products include those that are energy efficient, water-efficient, biodegradable, environmentally preferable, non-ozone depleting, contain recycled content, non or less toxic, EPA-designated and biobased.

C.2.30 EXISTING DEFICIENCY LIST REPORT

The "existing deficiency list report" or "existing deficiency list" is a list of deficiencies existing the start of performance, in the equipment and systems covered by this performance work statement, as well as the

Contractor's itemized price (including, but not limited to, labor, materials, overhead, and profit) for correcting each deficiency.

C.2.31 EXTERIOR

This includes entrances; landings; steps; sidewalks; parking areas; arcades; courts; planters; lawns; irrigation systems; fountains; security bollards; gates; fences; flagpoles; building-mounted, pole, and ground lighting; etc. located adjacent to the facility extending to the legal property line.

C.2.32 FEDERAL HOLIDAYS

"Federal holidays" for the purposes of this contract are New Year's Day, Martin Luther King Day, President's Day, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day. When Federal holidays fall on weekends, a weekday is typically designated as the holiday. Holidays that fall on Saturday are observed on the previous Friday and holidays that fall on a Sunday are observed on the following Monday. Veterans' Day is always on the 11th of November and Thanksgiving is always the 3rd Thursday of November.

C.2.33 FEDERAL EXECUTIVE HOLIDAYS, UNANTICIPATED

Unanticipated holidays declared by the president will count as Federal holidays. As long as the Contractor pays employees as if it were an anticipated Federal holiday, the Contractor will be paid for the unanticipated holiday as if it were a normal Federal Holiday.

C.2.34 FEDERALLY EQUIPPED FOOD SERVICE

This is a facility in Federal Government space where the Government procures and maintains the inventory of food service storage, preparation, cooking and hot and cold holding equipment.

C.2.35 FIRE PROTECTION AND LIFE SAFETY SYSTEMS

"Fire protection and life safety systems " are systems and equipment installed in the building to (1) detect fire and products of combustion, (2) notify building occupants and emergency responders, (3) initiate smoke control systems (4) initiate fire suppression systems, (5) control or suppress fires and (6) facilitate or enhance emergency egress. These systems also may communicate with other major building systems for fire and smoke control, elevator recall, and utilities control. Life safety systems and equipment includes emergency lighting, exit signage, special egress door locking arrangements, and exit stair markings.

C.2.36 GUIDING PRINCIPLES FOR SUSTAINABLE EXISTING BUILDINGS

A practice of using processes that is environmentally responsible and resource-efficient throughout a building's life-cycle. The goal is to minimize and offset consumption of energy, water, and other resources and to eliminate all waste and pollution in building operations and activities. The result is to reduce the environmental impact of the Federal government, which will expand and complement the building design economy, utility, durability, and comfort.

C.2.37 GSA GREEN PURCHASING PROGRAM (GPP)

The GPP specifies requirements to promote the purchase of environmentally sustainable products and services.

C.2.38 GREEN CLEANING

Green Cleaning is a planned and organized approach to cleaning specifically designed to protect building occupant s' and workers' health, while at the same time reducing environmental impacts.

C.2.39 INDEFINITE QUANTITY

"Indefinite quantity" provisions permit the Government to order work, in addition to the basic services, and upon acceptance permit additional payment to the Contractor.

C.2.40 LEED-EB

Leadership in Energy and Environmental Design for Existing Buildings (LEED) provides building owners and operators with a concise framework for identifying and implementing practical and measurable green building design, construction, operations and maintenance solutions. Once a building has achieved LEED certification all future purchases and services must be evaluated and ensure compliance with LEED to maintain the certification.

C.2.41 MAINTENANCE REPAIR

Work required to prevent a breakdown of a piece of equipment or system, or put equipment or systems back in service after a breakdown or failure.

C.2.42 MISCELLANEOUS WORK

"Miscellaneous work" is labor that is performed at the request of the agency at no additional cost to the Government (i.e., they are part of basic services). The Contractor may also have to provide consumable materials to complete the request. Miscellaneous work is treated as a Service Call and is included in the Basic Operations and Maintenance price quoted per month on the bid sheet. During normal duty hours minor tasks related to routine, day-to-day operational requirements requested by the which will consist of, but not be limited to: making door keys; changing locks; hanging pictures, maps and bulletin boards; trimming door bases; and other similar functions as directed. Miscellaneous work shall be accomplished in the same time frame as routine service calls unless otherwise directed by the CO or designee. The Contractor will be paid at the hourly rate quoted for after normal duty hours only if authorized by the CO or their designee in advance for specific activities.

C.2.43 MODIFICATION OF CONTRACT

Modification is a bilateral or unilateral change in the terms of a contract.

C.2.44 NEGLIGENCE

"Negligence" is the failure to use due care under the circumstances. It is the doing of some act which a person of ordinary prudence would not have done under similar circumstances or failure to do what a person of ordinary prudence would have done under similar circumstances.

C.2.45 NON-REIMBURSABLE REPAIR

A "non-reimbursable repair" is a repair that is the Contractor's responsibility with no additional reimbursement from the Government.

C.2.46 NORMAL WORKING HOURS

“Normal working hours” is the hours of building operations under most circumstances when all services shall be provided to all occupants.

C.2.47 OCCUPANT EMERGENCY PLAN (OEP)

The lead agency in each building is responsible for development and enforcement of the building’s “Occupant Emergency Plan” (OEP). The OEP details what the building tenants shall do in case of an emergency. The plan identifies floor wardens, shelter in place locations etc.

C.2.48 OPEN SYSTEMS

Open Systems: By purchasing an 'open system' the GSA is not restricted to a single source or product to control, maintain, update or replace any components of the system. Pressure from large customers of building automation systems has helped to drive the industry to adopt more of these open concepts, but the GSA must enforce these requirements to continue to drive the industry to complete open standardization. “Open” applies to communication protocols, software and business practices.

C.2.49 OPERATIONS

“Operations” is the continual process of using building equipment systems to accomplish their function, optimize building performance, and improve energy efficiency. Operations includes analysis of requirements and systems capabilities, operating controls and control systems, responding to work requests, touring and observing equipment performance and condition, adjusting equipment, identifying needed maintenance and repairs to equipment, and maintaining lubrication and chemical treatments, etc.

C.2.50 ORDERING OFFICIAL

Ordering Officials are appointed by letter from the CO. Ordering Officials shall be the Government’s representative for the ordering of supplies and services.

C.2.51 PERFORMANCE BASED SERVICE CONTRACTING

The procurement strategy that seeks to issue technical requirements that set forth outcomes for performance instead of specific requirements on how to perform the service. This strategy allows the Contractor to design the methods of achieving desired results as defined by the performance quality standards established by the Government.

C.2.52 PERFORMANCE WORK STATEMENT (PWS)

The Performance Work Statement details the required performance outcomes and can be referred to as the specification.

C.2.53 PREDICITIVE MAINTENANCE

“Predictive maintenance” is a program of maintenance activities in which scheduling of maintenance derives from monitoring the operating condition, or changes in the operating condition, of equipment being maintained.

C.2.54 PREVENTATIVE MAINTENANCE (SCHEDULED AND UNSCHEDULED)

“Scheduled preventive maintenance” is a program of maintenance activities performed based on a fixed schedule or on equipment runtimes. “Unscheduled preventive maintenance” is all work performed

including adjustments and procedures necessary to sustain the proper operation of all building equipment and systems pending a scheduled procedure.

C.2.55 PRODUCT REFERENCE (SEE EXHIBIT 11 SUMMARY OF ENVIRONMENTALLY SUSTAINABLE PRODUCT ATTRIBUTES)

Use of "environmentally sustainable" products is mandatory for performance of this contract. As such, products identified as "environmentally sustainable" will be selected over those which do not carry such designations. The following factors should be considered when selecting products: environmental performance, cost performance, bio-based, recycled content, biodegradability, technical performance, and availability.

C.2.56 KEY PERFORMANCE INDICATORS

Key performance indicators are quantifiable and measurable metrics used by the CO or their designee to measure contract performance. These metrics aim to ensure that the main areas of concern for the contract are being met, and therefore indicate that the contract is being performed successfully.

C.2.57 QUALITY CONTROL PLAN

The "quality control plan" (QCP), is the Contractor's complete written system for identifying and correcting deficiencies in the quality of services before the level of performance becomes unacceptable. Preparation of this document is the responsibility of the Contractor.

C.2.58 REPAIR

A "repair" is an act of restoring inoperable, dysfunctional or deteriorated equipment, systems, or material to a fully functional, non-deteriorated state. Repairs usually involve some combination of labor and replacement parts, components or materials.

C.2.59 SANITIZE

This is the process of removing dirt and certain bacteria so that the number of germs is reduced to a level that the spread of disease is unlikely.

C.2.60 SEQUENCE OF OPERATIONS

A "sequence of operations" is the control logic used to operate a system normally put into effect through a control program.

C.2.61 SERVICE CALLS

A service call is considered standard service requirements, such as non-recurring requests for rearranging of furniture in a conference room, special events support, spills, replenishing restroom supplies, adjusting temperatures, etc. All service calls are considered a type of work request.

C.2.62 WORK REQUESTS

A "work request" is a response to a GSA, tenant, or agency request or a response to an observation that some equipment, system or material covered by the contract is inoperable, dysfunctional, deteriorated, or not within normal operating parameters, or that performance standard of the contract is not being met. Work request response involves analysis of the problem and adjustment of operating or monitoring

controls or other immediate corrective action. A requirement to perform a repair may result from the analysis stage of a work request. Work requests may be generated automatically from interfaces to BAS or diagnostic software.

C.2.63 STANDARD SERVICES

Standard services are defined as all services that are included in the monthly price or as defined in the Contract document. Prices are to include all applicable labor, materials, supplies, training/certifications, equipment (except as otherwise provided), supervision, and management.

C.2.64 STEWARDSHIP

The act of stewardship is to take the responsibility for managing, conducting or supervising the quality, state or condition of a commercial building. A Stewardship program in addition to caring for the building, its occupants and visitors includes among other things a sense of shared responsibility, occupant participation and communications amongst building management, O&M personnel, cleaning personnel, occupants, contractors and others who have an impact on/in the building.

C.2.65 SUPERVISOR, ON-SITE

The term “on-site supervisor” means a person designated in writing by the Contractor who has authority to act for the Contractor on a day-to-day basis at the work site.

C.2.66 TOUR

A “tour” is generally a scheduled walkthrough of equipment rooms and installations including computer rooms, restrooms, etc. by Contractor operating personnel for the purpose of ensuring that equipment is running properly, ensuring that equipment rooms are in good order and without safety hazards, and making any necessary adjustments to operating controls or to lubricate equipment. A tour may also involve a combination of such physical visits in addition to using automated systems for the monitoring of equipment and systems. Equipment log sheets are a part of the tour plan/program. All tours are "inspection" work orders in the NCMMS and will comply with all work order requirements.

C.2.67 VERTICAL TRANSPORTATION SYSTEM

“Vertical transportation systems” include elevators, escalators, dumbwaiters, lifts, etc.

C.2.68 WATCH

A “watch” involves performing certain tasks required for the operation of the HVAC equipment (central systems over 300 tons), boilers, compressors, and related equipment in a centralized location. Watches include, but are not limited to starting equipment, checking at designated intervals all operating equipment in the area, recording readings, shifting equipment and loads, making adjustments at the central control center, taking water samples, making tests, and adding chemicals as required.

C.2.69 ABILITYONE WORKSHOP

The AbilityOne Workshop provides employment opportunities for people who are blind or have significant disabilities in the manufacture and delivery of products and services to the Federal Government. For more information, go to website http://www.AbilityOne.gov.

C.2.70 PARTNERING

The Construction Industry Institute's Partnering Task Force has defined partnering as “a long-term commitment between two or more organizations for the purpose of achieving specific business objectives by maximizing the effectiveness of each participant's resources.

C.2.71 FACILITIES ENGINEERING

A standard operations and maintenance contract is prescriptive in nature and task oriented. The contractor does not evaluate the impact of actions, rather merely provides the basic maintenance services as directed in the contract. A facilities engineering contract includes those same basic services, but also requires the contractor to provide additional technical, managerial, and decision making expertise to assist GSA in the holistic management of our assets over the long term. A facility engineering contractor is expected to participate in asset modernization planning and assists in the evaluation of proposed projects serving as GSA’s trusted partner. A facilities engineering contractor must be able to respond to multidisciplinary demands in a dynamic work environment to achieve joint long and short term performance objectives in partnership with GSA.

C.2.72 SYSTEMS THINKING

A term defined by Peter Senge, director of the Center of Organization Learning at MIT’s Sloan School of Management. “It is a discipline for seeing wholes. It is a framework for seeing interrelationships rather than things, for seeing patterns of change rather than static ‘snapshots’.” It is a set of specific tools and techniques of feedback and engineering theory to understand systems. The goal of applying systems thinking to facility management is to see that every action or decision in operating, maintaining, and retrofitting a building will result in an impact (financial, environmental, human resource), and to evaluate the “full circle” implications. A standard O&M contract is prescriptive in nature, and does not implement a systems thinking approach. The contractor does not evaluate the impact of actions, but merely provides services as directed by the owner. Details such as the how and when of building maintenance and operations are not defined, and are not questioned by the contractor. A systems thinking approach is performance oriented and questions all decisions and actions. The means and methods for providing building operations and maintenance are established through investigations, feedback, and by establishing a partnership with the owner to achieve joint performance objectives. Applying systems thinking develops an understanding and appreciation of global short-term and long-term consequences of any action or decision to be made. Systems thinking approach results in an integrated approach that creates system interfaces. Not applying systems thinking results in decisions and actions that are made in isolation, decisions that are made in a void without determining the consequences to other systems. Not applying systems thinking results in poor or inefficient building systems, crisis management, and the wasting of energy and financial resources.” In short, the essence of systems thinking is found in the ability to:

- See interrelationships rather than linear cause-effect chains, and
- See processes of change rather than snapshots, and
- Balance inquiry and advocacy issues to achieve fair evaluation and response

C.2.73 Unit Price Agreement or Structural Alterations Services

The following clauses apply only to orders under the Unit Price Agreement (UPA) or structural alterations greater than $2,000, but less than $100,000.

NOTE: UPA or Structural alteration work over $2000 is covered by Davis Bacon wages and is NOT subject to annual escalation. See Exhibit 10

C.3. REFERENCES

The following publications are incorporated by reference as setting quality, performance, and design standards for work required in this document. Unless a specific date is provided, references are for the current edition published at the time of issue of the solicitation, to include any addenda or errata published by the issuing organization. The Contractor is responsible for obtaining access to all referenced documents at their own expense, the exception of the Public Building Service Operations and Maintenance standards 2012, the Facilities Standards for the Public Buildings Service (PBS P100), and the U.S. Courts Design Guide, which will be provided by the Government.

- Public Buildings Service Operations and Maintenance Standards 2012
- Facilities Standards for the Public Buildings Service (PBS P100)
- U.S. Courts Design Guide and other agency design guide as applicable.
- SMACNA Sheet Metal and Air Conditioning Contractors National Association HVAC Systems Testing, Adjusting & Balancing
- AHERA Asbestos Hazard Emergency Response Act
- ASHRAE Guideline 1HVAC Commissioning Process
- ASHRAE Guideline 4 Preparation of Operating and Maintenance Documentation for Building Systems
- ANSI/ASHRAE Standard 15 Safety Code for Mechanical Refrigeration
- ANSI/ASHRAE Standard 34 Number Designation and Safety Classification of Refrigerants
- ANSI/ASHRAE Standard 55, Thermal Environmental Conditions for Human Occupancy
- ANSI/ASHRAE Standard 62, Ventilation for Acceptable Indoor Air Quality
- ANSI/ASHRAE Standard 100, Energy Conservation in Existing Buildings/Commercial
- ANSI/ASHRAE Standard 111, Practices for Measurement, Testing, Adjusting, and Balancing of Building Heating, Ventilation, Air-Conditioning, and Refrigeration Systems;
- American Society of Mechanical Engineers ASME A17.1/CSA B44, Safety Code for Elevators and Escalators
- American Society of Mechanical Engineers ASME A17.2, Inspector's Manual for Elevators
- ASME Boiler and Pressure Vessel Code
- ASME CSD-1 Control and Safety Devices of Automatically Fired Boilers
- National Board of Boiler and Pressure Vessel Inspectors, National Board Inspection Code
- OSHA 29 CFR 1910 and 29 CFR1926
- Clean Air Act
- Clean Water Act
- EPA Green Book
- EPA Purple Book
- GSA SEMS Sustainable Environmental Management System (GSA.GOV/SEMS)
- International Building Code
- International Fire Code
- International Plumbing Code
- International Mechanical Code
- NETA Maintenance Testing Specification for Electrical Power Distribution Equipment and Systems
- NFPA 10, Standard for Portable Fire Extinguishers
- NFPA 12, Standard on Carbon Dioxide Extinguishing Systems
- NFPA 12A, Standard on Halon 1301 Fire Extinguishing Systems

- NFPA 13, Standard for the Installation of Sprinkler Systems
- NFPA 14, Standard for the Installation of Standpipe and Hose Systems
- NFPA 17, Standard for Dry Chemical Extinguishing Systems
- NFPA 17A, Standard for Wet Chemical Extinguishing Systems
- NFPA 20, Standard for the Installation of Stationary Pumps for Fire Protection
- NFPA 22, Standard for Water Tanks for Private Fire Protection
- NFPA 24, Standard for the Installation of Private Fire Service Mains and Their
- Appurtenances
- NFPA 25, Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems
- NFPA 70, National Electrical Code (NEC)
- NFPA 70E,Standard for Electrical Safety in the Workplace
- NFPA 72, National Fire Alarm and Signaling Code
- NFPA 85, Boiler and Combustible Systems Hazards Code
- NFPA 92, Standard for Smoke Control Systems
- NFPA 96, Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations
- NFPA 101, Life Safety Code
- NFPA 105, Standard for the Installation of Smoke Door Assemblies and Other Opening Protectives
- NFPA 110, Standard for Emergency and Standby Power Systems
- NFPA 111, Standard on Stored Electrical Energy Emergency and Standby Power Systems
- NFPA 2001, Standard on Clean Agent Fire Extinguishing Systems
- NICET (National Institute for Certification in Engineering Technologies publications and issuances
- NIOSH (National Institute for Safety and Health publications and issuances
- DOE/EE-0157, International Performance Measurement and Verification Protocol
- NEMA TP-1, National Electrical Manufacturers Association.
- NEMA MG-1. National Electrical Manufacturers Association, Motors and Generators
- NEMA Application Guide for AC Adjustable Speed Drive Systems
- ANSI/IWCA I-14.1, Window Cleaning Safety Standard
- Safe Drinking Water Act, PL 99-339, as amended
- Title 40 CFR, Part 761, PCBs in Electrical Transformers
- Title 40 CFR, 141.43, Sections A and D, Environmental Protection Agency Safe Drinking Water
- ANSI/ASME A17.1 Safety Code for Elevators and Escalators
- OSHA 29 CFR 1910.1200, 29 CFR 1910.146, 29 CFR 1910.147, 29 CFR 1910.1030, 29 CFR 1910.1001, 29 CFR 1910.178
- Guideline 3-1990 and Addendum, or latest version, FAR 52.223-2, ARI Standard 700-1988, or latest edition, and Appendix A to 40, CFR, Part 82, Subpart F.
- Resource Conservation and Recovery Act
- Toxic Substances Control Act

C.3.1 *FEDERAL REQUIREMENTS*

The Contractor shall comply with all applicable Federal, state and local laws, regulations and codes, including any supplements or revisions as specified in the table below. The Contractor shall obtain all applicable licenses, training, and permits. If a change in law or regulation requires the Contractor to implement an action that will result in an increase or decrease in Contract price, the Contractor shall immediately notify the Contracting Officer in writing. This notification shall include any associated proposed cost increases or decreases to occur on the contract. The Contracting Officer will then review

the proposal and determine if a modification to the contract shall be made to implement the suggested changes. The Contractor shall take no action until a modification is received from the Contracting Officer. Any and all changes made without the express permission of the contracting officer, either through modification to the contract or in writing, are made at risk.

PUBLICATION	TITLE	PORTION
EPACT 05	Title I Energy Efficiency Title IX Research and Development http://www1.eere.energy.gov/femp/regulations/epact2005.html	All Applicable Sections of these Titles
EISA 07	Title III Energy Savings Through Improved Standards for Appliances and Lighting. Title IV Energy Saving and Buildings Industry. Title V Energy Savings in Government and Public Institutions. https://www.afdc.energy.gov/laws/eisa.html	All Applicable Sections of these Titles
Executive Order 13423	Strengthening Federal Environmental, Energy, and Transportation Management and all implementing guidance documents. http://edocket.access.gpo.gov/2007/pdf/07-374.pdf	ALL
Executive Order 13514	Federal Leadership in Environmental, Energy, and Economic Performance http://edocket.access.gpo.gov/2009/pdf/E9-24518.pdf	ALL
FAR FAR Clause 52.223-2	Federal Acquisition Regulation https://www.acquisition.gov/far/current/html/52_223_226.html	All Applicable Sections and Clauses Clauses 1 and 2
29 CFR Part 1910	OSHA General Industry Standards (http://www.access.gpo.gov/nara/cfr/waisidx_06/29cfr1910a_06.ht	ALL

	ml)	
40 CFR	Protection of the Environment https://www.ecfr.gov/cgi-bin/text-idx?tpl=/ecfrbrowse/Title40/40tab_02.tpl	
41 CFR Part 102-74, Subpart C. - FMR	Facility Management http://www.access.gpo.gov/nara/cfr/waisidx_06/41cfr102-74_06.html	
ANSI-IWCA.I-14.1	http://webstore.ansi.org/FindStandards.aspx?SearchString=ansi&SearchOption=1&PageNum=0&source=google&adgroup=ansi&keyword=ANSI%2F&gclid=CJnM65r-rqQCFUNM5QodRnhXyw	
ANSI/ASEE A-1264.2-2006	www.ANSI.org	
ANSI Z245.1	Mobil Refuse Collection and Compactor Equipment-Safety Requirements http://webstore.ansi.org/ansidocstore/product.asp?sku=ANSI+Z245.1-2007	
ASTME 1971-05	http://www.astm.org/Standards/E1971.htm	
GSA Green Purchase Plan	https://insite.gsa.gov/portal/content/521818	
Guiding Principles for Sustainable Existing Buildings	http://www.wbdg.org/references/fhpsb_existing.php	
Bio-Based Products Certification and Purchase Clauses	http://www.dm.usda.gov/procurement/programs/biobased/biobaseditems.htm	
Comprehensive Procurement Guidelines (CPG)	https://www.epa.gov/smm/comprehensive-procurement-guideline-cpg-program	
Green Seal Certification	http://www.greenseal.org/	ALL
Design for the Environment Labeling	http://www.epa.gov/dfe/	ALL
LEED- EB credits	https://www.usgbc.org/ShowFile.aspx?DocumentID=3617	ALL
Property Managers	https://www.gsa.gov/portal/	

Child Care Desk Guide	getMediaData?mediaId=150278	
PBS P 5800.36A	GSA Property Management Business Practice Handbook http://insite.gsa.gov/portal/content/522198	
Green Products Compilation Database	sftool.gov	

The Contractor shall give preference to environmentally sustainable supplies and products. For the purpose of this specification, environmentally sustainable shall include, but not be limited to:

- EPA's Environmentally Preferable Purchasing List.
- Comprehensive Procurement Guideline (CPG) items and their associated Recovered Materials Advisory Notices (RMANs). Items such as seat covers and towels shall contain 40 - 100% recovered fiber with 40 - 60% from post-consumer fiber and toilet tissue shall contain 20 - 100% recovered fiber, with 20 - 60% from post-consumer fiber). Trash bags, mulch and hoses are specified on the CPG list.
- Concentrated and ready-to-use cleaning chemicals (spray bottles must be labeled with the contents) that use ecologically sound packaging and are phosphate-free, non-corrosive, non-combustible, non-poisonous, non-reactive, and non-aerosol; contain no carcinogens, mutagens or teratogens; contain no ozone-depleting substances; and are bio-based and fully biodegradable. Such products shall have lower toxicity, and reduced potential for skin, eye, and, respiratory irritation than comparable products used for the same purpose and shall contain no unnecessary dyes or fragrances.
- Green Seal Certified and/or EPA's 'Design for the Environment' label.
- United States Department of Agriculture (USDA) bio-based designation.
- Floor finishes and floor maintenance products that are free of metals, such as zinc, arsenic, lead, cadmium, cobalt, chromium, mercury, nickel, or selenium.

The Contractor shall furnish to the CO or their designee all Material Safety Data Sheets (MSDS); see 'Prior to the Start of Work,' chart below for any materials used in the performance of this contract. All new products used during the life of the contract must have MSDS provided to the CO or their designee prior to bringing and/or using these products on site. The Contractor shall use only commercially available products that meet Federal, State, and local codes. These requirements shall include those identified in Executive Order 13423.

The Contractor shall maintain the MSDS in a location accessible to all employees (in accordance with 29 CFR §1910.1200) and shall advise the CO or their designee of its location. The MSDS shall be available for inspection by the CO or their designee on request. The Contractor shall take every precaution to ensure that environmentally sustainable products are used. Information can be obtained from Federal, State, and local agencies concerning safe chemical cleaning materials. An inventory list of products to be used under this contract shall be provided to the CO or their designee. This list shall be updated, with a copy provided to the CO or their designee, throughout the term of the contract. The CO or their designee shall contact the Contractor immediately if any item is deemed inappropriate for use under this contract.

C.4.0 *ELEVATOR MAINTENANCE SCOPE OF WORK*

C.4.1 General

The Contractor is responsible for providing all management, tools, supplies, equipment, and labor necessary to maintain, repair and maximize the life expectancy of the Vertical Transportation Systems (VTS) and lifts at the John J. Moakley U.S. Courthouse in a manner that will ensure continuous and safe operation. The work provided must preserve each elevator and lift in unimpaired condition and above the point where deterioration begins. The expected standards should meet or exceed ASME A17.1.

If the Contractor does not have a licensed, and manufacturer trained elevator mechanic on staff, the Contractor shall enter into a subcontract, including regular scheduled maintenance and inspections (not merely support on a contingency basis); with a firm that has these skills.

See **Exhibit 25** for a list of elevators, escalators and lifts and their locations.

C.4.1.1 STANDARD BUILDING OCCUPANCY HOURS

All scheduled contract work shall be accomplished during "Standard Building Occupancy Hours," Monday through Friday excluding federal holidays, unless other mutually satisfactory arrangements have been approved by the CO or their designee.

C.4.1.2 STAFFING REQUIREMENTS

LABOR REQUIREMENTS: The contractor is not required to provide an on-site elevator mechanic for specified duty hours. However, the contractor shall provide qualified elevator mechanics, work crews, and supervisory personnel in such numbers, places, and times as may be required to fully meet the contract requirements.

C.4.2 SCOPE OF WORK

C.4.2.1 ACCEPTANCE OF EXISTING EQUIPMENT

- In accordance with standard elevator and lift industry practice, this is a full maintenance contract. The contractor will accept these elevators and lifts “as is.” All repairs will be solely the contractor responsibility.
- Excluded Equipment. The following elevator components or performance items are specifically excluded from this contract:
    1. Repairs or replacements made necessary due to vandalism, negligence or misuse of the equipment by persons other than the elevator contractor, the elevator contract representatives, or the elevator contract employees.
    2. Refinishing or replacing elevator cabs, floor coverings, hoist way enclosures, cab and hoist way doorframes and sills.
    3. Replacing underground hydraulic piping or cylinders.

C.4.3 PERFORMANCE REQUIREMENTS

- Performance requirements indicated are minimum standards, and are not the sole criteria for judging the contractor's performance. Acceptable performance will be based on this entire "Performance Requirements" Section.
- All elevator and lift operations, tests, inspections, maintenance, alterations, and repairs performed under this contract shall comply with the latest editions of the American Society of Mechanical Engineers (ASME) publication A17.1, "Safety Code for Elevators and Escalators," referred to throughout this specification as A17.1.
- The contractor shall be responsible for correcting violations of applicable codes (A17.1, NEC, NFPA, BOCA) and complying with requirements of all applicable public agencies having jurisdiction at no additional cost provided that the violation or requirement does not necessitate any additions or changes to the present elevator or lift equipment or parts, or its method of operation. Requirements of public agencies shall include but shall not be limited to, periodic witnessing of elevator contractor performed testing (annual and full load five year test), and reporting to the General Services Administration including correction of defects by the elevator contractor.
- The elevator contractor is responsible for all lighting installed in the hoist way, pit, car, car top, and car emergency lighting. The elevator contractor will furnish and install all lighting components including fixtures, ballast, bulbs, lamps, and tubes.
- The elevator contractor is responsible for all intercom and telephone devices from the car to the first point of termination outside the hoist way.
- The elevator contractor is responsible for all appurtenances mounted in or on the car i.e. fans, etc. Except security key card devices installed by Federal law enforcement
- The Contractor shall maintain, at all times, the minimum performance requirements for the VTS. The performance of each vertical transportation unit shall be measured in the same manner and the measurements are as follows:
- Rated Speed in Feet Per Minute. Original design speed for elevator or lift at time of installation.
- Rated Capacity In Pounds At Rated Speed. Variance from rated speed, regardless of load, shall not exceed +/-5% for traction elevators and +/-10% for hydraulic elevators.
- Performance Time. Floor to floor times are measured from the time the doors start to close at a floor until the elevator or lift is stopped at the next typical successive floor in either direction of travel and the door is ¾ open.
- Door Operation. Door opening time is measured from the start of the car door(s) to open until the door(s) are in the fully open position. As a minimum, door opening times shall be maintained to comply with the Americans with Disabilities Act.
- Door closing time is measured from the start of the car door(s) to close until the door(s) are in the fully closed position. Door closing force is measured with the car at rest by stalling the doors while they are in the process of closing and have become between 1/3 and 2/3 closed. The closing force shall not exceed 30 psi, or as specified ANSI A17.1 and ADA. Door operation shall be quiet and positive with smooth checking at the extreme of travel.
- Traffic Handling Capabilities. Original design for elevator or lift at time of installation.
- Response Times. Original design for elevator or lift at time of installation.
- Ride Quality. The contractor shall maintain a comfortable elevator or lift ride with smooth acceleration, deceleration and a soft stop. Stopping accuracy shall be measured under all load

conditions and shall be maintained as originally designed. The car should stop within ¼ inch for cars installed after 1986 and ½ inch for cars installed prior to 1986.

- Elevators and lifts shall be free of objectionable noise and ventilation (except from ventilation provided by car fan units). Measured noise levels of a moving car shall not exceed 60 decibels including the ventilation blower on high speed.
- Preventive Maintenance. "Preventive Maintenance" (PM) is regularly scheduled work on the VTS that the Contractor shall do to accomplish the following:
  - Ensure their safe, reliable, and continued operation.
  - Prevent breakdowns due to worn parts.
  - Maintain elevators or lifts above the point where deterioration begins.

C.4.3.1 SCHEDULED PREVENTIVE MAINTENANCE REQUIREMENTS

The contractor shall repair, replace and/or service any piece of VTS equipment, including any component or part of the VTS, as is required in a well-planned preventive maintenance program.

- The contractor shall be responsible for establishing an effective system for accomplishing scheduled maintenance, including a backlog listing of work to be accomplished. The preventive maintenance program shall include systematic examination of the elevator or lift equipment by the supervisor.
- The contractor shall develop a check chart for each elevator or lift indicating the annual schedule of preventive maintenance by dates, equipment, and building with a detailed description of the work to be performed.
- These checklists will be signed and dated by the mechanic as the work is completed.
- The maintenance to be performed shall be in accordance with the manufacturer's recommendations or the best practices of the industry.
- Equipment under warranty shall be maintained in accordance with warranty instructions and conditions.
- Door Tracks shall be clean and free of dirt, debris, built up grime, dust, smudges, and other extraneous matter.

C.4.3.2 SCHEDULE

All preventive maintenance scheduled for each month must be completed during that month. Requests by the contractor for deviations from the approved schedule must be submitted with appropriate justification to the CO or their designee for approval.

C.4.3.3 REPAIRS

"Repairs" are defined as the process of rehabilitation or replacement of parts that are basically the same as the original for the purpose of ensuring performance in accordance with applicable A17.1 requirements.

- The Contractor shall complete all repairs within twenty-four (24) hours after discovering the problem or of receiving notification that corrective action is required. If the contractor cannot complete the repairs within twenty-four (24) hours, he/she shall present, within one working day, a written plan for completing the work to the CO or their designee. Any repairs that would interrupt the tenant work must be scheduled after Standard Building Occupancy Hours.

- The CO will, whenever necessary, decide whether a repair is within the scope of this contract. The contractor may dispute the Contracting Officer's decision and file a claim, under the "Disputes Clause" of this contract. However, pending a resolution, the contractor will perform the work.
- The contractor shall provide to the CO or their designee a record of all repairs made to the VTS, their accessories, or appurtenances.
- The contractor shall determine the appropriate stock levels needed in the building. All parts replaced under the provisions of this contract shall be from the original equipment manufacturer, manufactured to OEM specifications, or the equipment manufacturer recommended replacement parts.
- Out of Service: An individual elevator or lift shall not be out of service for more than three (3) consecutive workdays. In the event an elevator or lift is out of service for more than three (3) consecutive workdays without written justification by the contractor and approval by the CO or their designee, the Government will reduce the monthly payment by the amount of dollars per working day (as listed below) per elevator or lift until it is returned to service. After corrections have been made and reported to the CO or their designee, the subject unit shall be placed back in service. When all listed deficiencies have been corrected, the contractor will sign and date the inspection report and return it to the CO or their designee. No elevator or lift shall be out of service for more than a total of ten (10) calendar days per year.

    - Work Requests - There shall be no more than two (2) work requests per month for the VTS. The third call in each month requires the maintenance supervisor to meet with CO or their designee.
    - A level or increasing "mean time between work requests" is acceptable. An increasing frequency in work requests is not considered acceptable performance.
    - All signal lenses and operating fixture switches and push buttons shall be maintained to provide like new operation and appearance.
    - The contractor shall take all necessary precautions, to safeguard and protect Government property with which the contractor comes in contact while performing the contract work.
    - The contractor shall immediately notify the CO or their designee in writing of any indication of underground oil seepage which may be attributed to a leaky underground hydraulic cylinder.

C.4.3.4 ELEVATOR MAINTENANCE SERVICES WORK REQUESTS MATRIX

Work Request Type	Response Requirement
Emergency Call-Back	Onsite within 1 Hour
Emergency	Onsite within 1 Hour
Urgent	N/A
Routine	Provide estimated arrival time within 15 minutes of notification. Contractor technician onsite within 2 hours

- Elevator Entrapments. Elevator entrapments are considered emergency work requests. The contractor shall use the procedures contained in the ASME A17.4 Guide for Emergency Evacuation of Passengers from Elevators in all such instances.

- Other Emergencies. Any situation not meeting the definition of elevator entrapments but still present imminent risk of injury to life and limb, or damage to VTS or other government property or systems.
- When emergency call-back services are provided, the contractor will be reimbursed at the hourly rate specified for Elevator Emergency Call-Back Services. The contractor will be compensated only for the hours expended at the facility based upon their submitted hourly rate for Emergency Call-back Services. Travel time to and from the facility and parking is not reimbursable under this contract.
- Work Requests – Work Requests not meeting the definitions of emergency in nature are to be treated as routine. There shall be no more than two (2) work requests per month for the VTS. The third call in each month requires the maintenance supervisor to meet with CO or their designee.
- Additional Services. The Government may request the contractor to provide additional services not covered by the monthly price, such as upgrades, car enhancements and repairs necessitated by force majeure. The contractor shall submit a written proposal to perform the additional service. The proposal shall include a breakdown of the costs.
  This work will be performed during the Standard Building Occupancy Hours unless other arrangements are agreed upon by the CO or their designee. Travel time to and from the facility is not reimbursable under this contract.
- The maximum order limit for upgrades and car enhancements under this contract is $250,000 per order which includes repairs resulting from vandalism, force majeure or safety inspections.
- Elevator Database. The contractor shall also be responsible for maintaining an Elevator Database for each piece of equipment covered by this contract using the NCMMS.
- The NCMMS shall be used to indicate all major repairs, replacements, or adjustments performed.
  - Each entry shall be signed (physically or electronically) by the individual that performed the work and initialed by the supervisor to certify work was accomplished, and attached to the NCMMS asset.
  - The entry shall include a description of the type of work performed, the parts repaired and/or replaced and the date(s) the work was accomplished.
  - This information will be collected and presented monthly to the CO or their designee. The contractor will provide the information monthly electronically.
  - The database will also include the log information required in sections ii and iii.
- The contractor shall also maintain a log or corrective action statement for each elevator or lift within the NCMMS. The log shall be used to indicate all repairs, replacement of parts and adjustments performed.
- The person performing the work and the supervisor must sign each entry on the log. The proposed check charts and logs shall be submitted to the CO or their designee for approval prior to commencement of work under the contract.
- The check charts and logs shall be posted in the machine room of the building and will be subject to review by the CO or their designee throughout the life of the contract.
- The contractor will maintain a computerized log of all work requests within the NCMMS and every six months the contractor will submit to the CO or their designee a line graph showing the trend of work requests versus the industry standard, and historical information.

C.4.4 EQUIPMENT CHANGES

- By the Contractor. The contractor shall not change or alter the existing elevator or lift equipment or any electrical circuits, wiring, controls, or sequencing without written authorization from the CO. If the CO authorizes changes, the contractor shall make appropriate revisions to the elevator drawings and/or specifications. All improvements made by the contractor during the term of this contract shall become and remain the property of the Government.
- By the Government. The Government reserves the right to add and remove elevators or lifts from this contract at any time. The Government will inform the contractor as far in advance as possible of any changes to the inventory. The Government will renegotiate the monthly price to reflect the changed levels of service provided.

C.4.5 REPORTING REQUIREMENTS

See reporting requirements in the provided Submittals (Contract Deliverables Exhibit C.8). All of the requirements are subject to GSA approval.

C.4.6 QUALITY CONTROL PROGRAM

- The contractor shall adhere to the Quality Control Plan approved by the Government.
- The contractor shall review with the CO or their designee the elevators or lifts performance at a minimum of once per quarter.
- Annually, the contractor will survey the elevator or lift units and the contractor will provide the CO and or their designee with an equipment report and performance evaluation for each individual unit covered by this contract. The report shall indicate all repairs accomplished and recommended upgrades for each unit.
- Contractor shall perform quality control periodic inspections on the Ability One janitorial contractor and provided to GSA monthly. The contractor will conduct field audits to maintain quality standards and will provide copies of these reports to the government.

C.4.7 SUPPLIES, MATERIALS AND EQUIPMENT FURNISHED BY THE GOVERNMENT

When requested by the contractor, the Government will provide drawings and specifications (if available) for the elevators. The contractor will keep these documents at the work site. When the contract expires, these documents must be returned to the GSA official from whom they were obtained.

C.4.8 INSPECTIONS AND TESTS

C.4.9 MAINTENANCE AND REPAIR INSPECTIONS BY GSA

The Government reserves the right to make such tests or inspections as necessary to assure contract performance. The Government will notify the contractor in writing of any deficiencies noted during such inspections. When the contractor has made corrections, the Government shall be notified in writing. Upon re-inspection of work, the Government reserves the right to accept or reject performance of work. If the work is rejected, the contractor will be liable for all costs associated with the Government's re-inspection.

C.4.10 SAFETY DEFICIENCIES

If any condition is disclosed which constitutes a safety hazard to either elevator or lift passengers or equipment, that unit shall be removed from service immediately. After corrections have been made and reported to the CO or their designee, the subject unit shall be placed back in service. When all listed deficiencies have been corrected, the contractor will sign and date the inspection report and return it to the CO or their designee.

C.4.11 ANNUAL, SEMI-ANNUAL, AND FIVE YEAR TESTS

- Scheduling: GSA personnel, or other persons employed for that purpose, will notify the contractor at least 14 calendar days in advance of the tests and inspections. The contractor shall then coordinate with subs and make tenant notifications. Tenants shall be notified at least 7 days in advance. Inspections will be made by GSA personnel and/or the Government's contracted Elevator Inspector to verify completion of testing at the facility.
- The elevator contractor will ensure that qualified elevator mechanics perform the testing, and coordinate testing to ensure it is witnessed by GSA personnel and/or the Government's contracted Elevator Inspector.
- Testing on each VTS for emergency power transfer Phase 1 and Phase 2 service and elevator recall shall be accomplished to complete life safety testing during the annual inspection tests. This work must be performed after Standard Building Occupancy Hours as part of the base contract price.
- The elevator contractor will perform all elevators or lift tests required by the latest edition of A17.1. The contractor shall, at no additional cost to the Government, repair any damage to the elevator or lift equipment caused by any such test.
- Five Year Full Load testing: This work must be performed after Standard Building Occupancy Hours as part of the base contract price. In addition to the requirements stated in A17.1, for the five-year full load test of safeties at rated load and rated speed, the contractor shall:
- Check and adjust existing load weighing devices to ensure that they perform their intended function at the correct weight.
- Make all adjustments required to ensure that the safety devices perform their intended function as designed.
- File smooth any guide rail damage caused by setting of the safety devices.
- Reports. The Government will furnish a written inspection report to the contractor who shall correct all listed deficiencies by the date specified in the report. However, any deficiency marked "Emergency" must be corrected in the shortest possible time consistent with the nature of the problem and the best practices of the trade.
- Corrections. When all listed deficiencies have been corrected, the contractor will sign and date the inspection report and return it to the CO. At its discretion, the Government may then re-inspect the work.

C.5 CUSTODIAL SERVICES

C.5.0 OBJECTIVES AND SCOPE

This scope of work is for performance based Custodial and related services for the basement, garage, Public Realm, and U.S. Marshals operations area, located on the basement level of the John J. Moakley Courthouse. Building custodial services for floors 1 -10 are cleaned by the AbilityOne Workshop with the exclusion of window washing, pest control, and the Public Realm after hours events. Trash and recycling hauling shall be performed by the Boston Single Stream third party contractor.

The cost for after hour's custodial services related to public realm events are paid for by the event client. The Contractor is responsible for providing custodial estimates for Public Realm events. The Contractor will be responsible for inspection services in the area cleaned by the AbilityOne Workshop in addition to the remainder of the facility, including grounds, exterior harbor walks, boat dock and ramps. The contractor shall provide all management, labor, materials, equipment, and supplies necessary to accomplish this statement of work in a responsible, cost efficient, environmentally sustainable manner. Perform regular cleaning inspections throughout the building to include the space cleaned by Ability One.

C.5.0.1 CLEANING HOURS

The performance of the cleaning tenants' spaces at building(s) shall take place between the hours of **7AM** and **5 PM**. The hours shall not be changed unless authorized by the CO or their designee.

C.5.0.2 BUILDING INFORMATION DATA SHEET ESTIMATES

The figures contained in the Building Information Data Sheet are estimates. It is the Contractor's responsibility to notify the CO or their designee if it is believed that the information provided is incorrect.

Areas of performance under this contract are not for the full facility known as the John J. Moakley Courthouse. Services are only required in a portion of the building, and the provided custodial building information sheet only contains information related to the areas requiring service.

C.5.1 GREEN CLEANING

The Contractor is required to conduct custodial and related services in a manner as to utilize industry best practices and guiding principles to minimize the Government's Environmental Footprint. This requires annual reporting of non-bio-based, bio-based, sustainable, and green products and materials.

The policy of GSA is to bring most, but not all, of its owned buildings into conformity with the most current and Government-accepted version of LEED for Existing Buildings (LEED-EB) current rating system by the U.S. Green Building Council (www.usgbc.org). Only in those instances where GSA is pursuing LEED-EB certification will additional LEED-EB scope requirements be added to this specification as specified in Section H.25 'LEED-EB.'

C.5.2 WORK REQUESTS

The contractor is to respond to work requests as noted in the Facility Management Services document. The response requirements for Custodial Services are outlined in the below matrix.

Work Request Type	Response Requirement
Emergency Call-Back	Onsite within 1 Hour
Emergency	Immediate response
Urgent	N/A
Routine	2 hours

C.5.3 STANDARD SERVICES

All standard services are to be provided by the contractor as part of the monthly recurring services price.

C.5.3.1 INTERIOR SERVICES

The Contractor shall provide interior standard services for the work items listed below.

C.5.3.1.0 PERFORMANCE STANDARDS

The Contractor through innovation, technology, or other means shall perform the work in this contract to meet the quality and performance standards in this Section. Evaluations of the Contractor's work shall be based on the standards in this Section and conducted in accordance with the KPI's.

C.5.3.1.1 FLOOR CARE

The Contractor shall provide a floor maintenance schedule to the CO or their designee in accordance with the provided Submittals (Contract Deliverables) document.

- Bare Floors: Floors, base moldings, and grout shall be clean and free of debris including but not limited to dirt, water streaks, mop marks, string, gum, tar, and other foreign matter. The floors shall maintain their natural luster and not have a dull appearance.

  Wet mopping of bare floors shall be cleaned using disinfectant cleaner(s) with additional scrubbing, if necessary. These floors shall be slip resistant. Surfaces, baseboards, and corners shall be clean and dry. Walls, baseboards, and other surfaces shall be free of splashing and markings from the equipment. There shall be no visible buildup of finish in corners or crevices.

  Mops and cleaning rags shall be cleaned and sanitized before and after each day of use. Mops and cleaning rags used in restrooms including diapering areas in restrooms and Child Care centers) shall not be used to clean any other areas.
- ADP/Data Center Floors: Damp mopping shall be the only method of wet cleaning for floors in Automated Data Processing (ADP)/Data Center spaces.
- Asphalt Floors: Damp mopping shall be the only method of wet cleaning for floors containing asphalt material.
- Granite and Marble Floors: All applicable floor areas shall be maintained in accordance with industry standards, and the standard identified in the Contractor's 'Quality Control Plan.'
- Loading Dock Floors: Spill residues and clean-up materials shall be disposed of in accordance with the Environmental Protection Agency (EPA) and/or State and local regulatory agency requirements.

- Stripping Floors: The old finish or wax shall be removed in accordance with standard commercial practices. Spots shall be eliminated. There shall be no evidence of gum, burns, scuff marks, or wax buildup in corners or crevices. UNDER NO CIRCUMSTANCES SHALL BURNISHING OR DRY STRIPPING METHODS BE USED ON ACBM FLOORING.
- Finishing Floors: Walls, baseboards, and other surfaces shall be free of finish residue and marks from equipment. Floors shall be free of streaks, mop strand marks, and skipped areas. The applied finished area shall have a uniform luster.
- Sealing Floors: Sealant must adhere to the floor. Floor areas must be evenly coated with a slip resistant seal.
- Wood Floors: There shall be no water solutions used on wood flooring. There shall be no dry stripping methods used on wood flooring.

C.5.3.1.2 CARPETS AND RUGS

- Extraction: Build-up spills and crusted materials shall be removed along with spots and smears. There shall be no areas of deterioration or fuzzing to the carpets and rugs as a result of harsh brushing or scrubbing. Cleaned areas of carpets and rugs shall be reasonably blended with surrounding carpets. The Contractor shall coordinate with the CO or their designee the times when carpet shall be cleaned. The carpet shall be dry before customers occupy the building on the next business day. The Contractor shall take measures to prevent the growth of mold. Moving of duplicating equipment, computer equipment, and similar types of electric and electronic equipment is to be coordinated with the CO or their designee and customer, as required, prior to cleaning of the carpet. Any furnishings moved are to be returned to their original positions.
- Spot Cleaning: Carpet surfaces shall be free of removable spots, soiled traffic patterns, dirt, dust, debris, gum, and crusted materials.
- Vacuuming: Carpet surfaces are to be free of dirt, dust, and other debris. Vacuuming shall be done at a frequency that will protect the integrity of the carpet and prolong wear. The Contractor shall utilize at a minimum HEPA vacuum cleaners that meet the requirements of the Carpet and Rug Institute's 'Seal of Approval/ Green Label Vacuum' Program.'

C.5.3.1.3 FLOOR MATS AND RUNNERS

The Government hired AbilityOne Workshop providing custodial services for the rest of the building is responsible for providing all mats and runners.

C.5.3.1.4 RESTROOMS, SHOWER ROOMS, LOCKER ROOMS AND

- Cleaning: All areas shall be cleaned using a disinfectant cleaner. Fixtures shall maintain a high level of luster and be free of dust, mold, mildew, streaks, and encrustations. Partitions, doors, vents, sills, and walls shall be free of dust, dirt, bodily fluids and waste, and graffiti. Shower curtains shall be cleaned and free of mold and dirt.

  Restrooms shall be free of discarded material and trash shall be emptied to prevent the containers from overflowing.
- Dispensers: The Government shall provide dispensers, including dispensers in tenant break rooms. The Contractor shall replenish supplies and fill dispensers as a standard service. The supplies for the provided dispensers shall be compatible with the dispenser's manufacturer's requirements. Supplies

including dispenser construction and efficiency shall be consistent with the safe and environmentally friendly products requirements referenced throughout this specification. Hand soaps shall not contain antibacterial agents except where required by Federal, State, local requirements and health codes. Monies collected from tampon and sanitary napkin dispensers shall be retained by the Contractor who shall provide and replenish the product at their expense.

- Floors: The quality standard for providing standard service is the same as that described in Section C.5.3.1.1 'Floor Care.'
- Receptacles: The Government shall provide receptacles. The Contractor shall empty, clean, and sanitize the sanitary napkin and waste receptacles. Sanitary napkin disposal containers shall be lined with new receptacle bags. Disposal of waste shall be treated the same as Blood Borne Pathogens as specified in 29 CFR §1910.1030 (http://www.access.gpo.gov/nara/cfr/waisidx_06/29cfr1910a_06.html).

C.5.3.1.5 FIXTURES

- Clean and Sanitize: All fixtures and surfaces (washbasins, urinals, modesty panels, toilets, shower stalls, etc.) shall be clean with no dust, spots, soiled substances, discoloration, mold, build-up, or excess moisture.
- Drinking Fountains: All fountains shall be free of dirt, watermarks, and all other debris or encrustations. Drinking fountains shall be sanitized and present a lustrous appearance.

C.5.3.1.6 SURFACES

- Horizontal Surfaces: All surfaces shall be free of dust, dirt, oil spots, or smudges. Cabinets and desks with papers, computers, and keyboards shall not be disturbed. Surfaces should be damp mopped or wiped with a germicidal cleaner. Contact time should be consistent with the manufacturer's recommendations.
- Metal, Brass and Woodwork: Surfaces (including corners, crevices, moldings, ledges, handrails, grills, doors, door knobs, door frames, kick plates, etc.) shall be free of dust, streaks, spots, hand marks, oil, smudges, dirt, soiled substances, encrustation, and streaks.
- Glass Cleaning: All glass, clear partitions, mirror surfaces, bookcases, and other glass (within approximately 70 inches' of the floor) shall be clean and free of dirt, dust, streaks, smudges, watermarks, spots, grime, and shall not be cloudy. There shall be no water spots on the glass or adjacent fixtures and furniture.

C.5.3.1.7 WALLS

All wall surfaces shall be free of smudges, marks, dirt, and spots. Cleaning shall not cause discoloration.

C.5.3.1.8 HIGH CLEANING

High Surfaces: Surfaces between **84 inches and the ceiling** shall be cleaned and free of dirt, dust, and cobwebs. Where glass is present, both sides shall be clean and free of streaks. Included in high cleaning are door closers, book cases, cabinets, bulletin boards, artwork, and wall surfaces**.** This does not include the removal of vents, tiles, or fixtures.

C.5.3.1.9 DUSTING

Surfaces shall be dust free with a preference to using a microfiber or damp cloth, or backpack vacuum fitted with the appropriate dusting tool.

C.5.3.1.10 TRASH, WASTEBASKETS AND ASH RECEPTACLES
All trash generated on the basement level (including restrooms) shall be collected and removed to a location designated by the CO or their designee. Trash and recycling materials are removed from the building by another contractor. Trash containers shall be emptied and kept clean, odor-free, and free of dirt, dust, debris, residue, and spilled material. Plastic liners for all trash and debris containers shall not be torn, worn, or contain residue. All ash receptacles shall be free of dust, ashes, odors, tar, streaks, and tobacco residue.

The Contractor shall notify the CO or their designee of any item or material identified by the Environmental Protection Agency (EPA) and State and local regulatory agencies as hazardous waste, hazardous materials, or Universal Waste observed in the trash receptacles. Typical prohibited wastes include but are not limited to fluorescent light bulbs, thermostats, thermometers, most chemicals, and batteries as specified in 40 CFR § 260-273.

C.5.3.1.11 RECYCLABLES
The Contractor shall provide all labor, and the means to collect and transport recyclable materials generated on the basement level to storage and loading areas as designated by the CO or their designee and as described in Section C.5.7 'Recycling.'

C.5.3.1.12 ELEVATORS, ESCALATORS, AND STAIRWAYS
Custodial services for stairways, are performed by the AbilityOne Workshop.

C.5.3.1.13 PLATE GLASS
All interior glass (to include glass over and in and vestibule doors and side lights, all plate glass around entrances, lobbies, and vestibules) shall be clean and free of dirt, grime, streaks, moisture, and shall not be cloudy. Plate glass does not include windows separating interior and exterior of the building.

C.5.3.1.14 WINDOW WASHING
All windows shall be cleaned 2 times annually. Cleaning frequencies that are above standard shall be completed on a reimbursable basis to the Contractor. Cleanings of both sides of the windows shall be coordinated to maximize cost effective operations, and minimize tenant impact as directed by the CO or their designee. The Contractor shall comply with ANSI/IWCA I-14.1, and all Federal, State and local regulations.

C.5.3.1.15 BLINDS AND COVERINGS (NOT INCLUDING DRAPES, CURTAINS AND UNIQUE COVERINGS)
RESERVED

C.5.3.1.16 FINE ARTS COLLECTION
The Contractor shall work with the CO or their designee to identify artworks in the building which are considered part of GSA's Fine Arts Collection. The Contractor shall work with the CO or their designee and GSA Regional Fine Arts Officer to determine the best way to ensure that regular building maintenance such as floor polishing, dusting, and window washing are accomplished in these areas; and

to identify and help mitigate site-specific hazards such as pests that may damage the artworks.

C.5.3.1.17 POLICING INSIDE AREAS
Areas: All building areas shall be free of papers, trash, and other discarded materials.

C.5.3.1.18 INTERIOR AND ATRIUM PLANTS
Plants shall be free of dust and dead leaves and properly hydrated. Fertilize, prune, and treat for infestation. Any dead or withered plants, due to the Contractor's neglect, shall be replaced by the Contractor at no additional expense to the Government. Plants that are the personal property of tenants are excluded.

C.5.3.1.19 FITNESS CENTERS, HEALTH UNITS AND LABORATORIES

- Cleaning: Areas such as the fitness centers, health units, and laboratories shall be cleaned in accordance to the standard service requirements.
- Surfaces: All metal (door frames, handles, and fixture) and glazed surfaces (including partitions), shall be sanitized and made free of smears, finger marks, and streaks.
- Equipment: All vinyl surfaces of exercise equipment and exercise mats shall be free of dust, dirt, spots, streaks, and smudges. Cleaning shall be performed under and around without moving or lifting items. Shower curtains surfaces shall be cleaned and free of mold and dirt. Locker exterior surfaces shall be free of dust and streaks.

C.5.3.1.20 EXTERIOR SERVICES

The Contractor shall provide exterior standard services for the work items listed below.

C.5.3.2. PERFORMANCE STANDARDS
The Contractor shall provide all resources, labor, tools, equipment, transportation, hauling away, disposal, training, supplies, materials, and oversight to ensure that quality and performance standards are successfully achieved.

C.5.3.2.1 PLATE GLASS
RESERVED

C.5.3.2.2 WINDOW WASHING
Both sides of the glass shall be clean and free of dirt, grime, streaks, moisture, and shall not be cloudy. Window sashes, sills, woodwork, and other surroundings of interior glass shall be wiped free of drippings and other watermarks. Windows shall be cleaned **2 times annually**. Cleaning frequencies that are above standard shall be completed on a reimbursable basis to the Contractor. Cleanings of both sides of the windows shall be coordinated with the CO or their designee to maximize cost effective operations, and minimize tenant impact. Window washing shall be in accordance with ANSI/IWCA I-14.1 as well as all Federal, State and local regulations.

The Contractor shall submit to the CO or their designee a written Window Washing Safety Plan, as specified in the IWCA requirements and in the Submittals (Contract Deliverables) document.

C.5.3.2.3 CANOPIES

Cleaning: All canopies and anything affixed to or included in the surfaces of canopies shall be clean and free of all dirt, dust, cobwebs, nests, bird excrement, trash, and debris.

C.5.3.2.4 HARD SURFACE AREAS
RESERVED

C.5.3.2.5 ASH RECEPTACLE AND TRASH CONTAINERS
RESERVED

C.5.3.2.6 SURFACES (SIGNS, VENDING MACHINES, TABLES, ETC)
RESERVED

C.5.3.2.7 GRAFFITI REMOVAL
RESERVED

C.5.3.2.8 EXCREMENT REMOVAL (HUMAN, BIRD AND ANIMAL)
RESERVED

C.5.3.2.9 POLICING OUTSIDE AREAS

RESERVED

C.5.3.4 GROUNDS MAINTENANCE

The Contractor shall perform grounds maintenance standard services for the work items listed below. Contractor shall use recovered organic materials for fertilizer whenever possible.

C.5.3.4.0 LANDSCAPE EROSION MANAGEMENT

The Contractor shall employ environmentally sustainable, low-impact strategies such as temporary and permanent seeding, mulching, earth dikes, silt fencing, sediment traps and sediment basins to correct existing erosion such as typically found as the result of foot traffic killing the vegetation, steep slopes where sheet flow from storm water exceeds existing vegetation holding power, or point storm water outflow that exceeds the holding power of the vegetation covering the soil.

C.5.3.4.1 GROUNDS MAINTENANCE SERVICES

General: Maintain all plants, trees, shrubs, groundcovers, and lawns in a manner that prolongs life and sustains a healthy appearance. The Contractor shall seek to prevent pollution by, among other things, reducing fertilizer and pesticide use to protect the environment, using integrated pest management techniques, recycling green/landscape waste, and minimizing runoff. Grounds maintenance services in the standard services shall benefit the environment and generate cost savings to the Federal Government by preserving and protecting the native plants and wildlife habitats entrusted to us.

C.5.3.4.2 COMPOSTING

To reduce the amount of material being disposed of in landfills, the Contractor is required to compost, to the greatest extent possible, yard waste generated by the Contractor's operations. The Contractor shall not compost material on-site unless authorized by the CO or their designee. The Contractor shall utilize an approved recycling or composting facility or compost the material at the Contractor's own facility.

Where applicable, the Contractor shall work with onsite cafeterias and wet stands to recover and compost all possible materials. The Contractor is responsible to pay for composting services for landscaping debris.

C.5.3.4.3 TREES AND SHRUBS

- Maintenance: Tree supports shall be kept in good condition, functioning at all times and be removed when no longer needed. All trees and shrubs shall be fully protected. Tree stakes, tree ties, and guy wire shall be of materials that are comparable to those existing on site, and shall be replaced or repaired by the Contractor as needed. Supports or braces are to be repositioned as often as necessary to prevent damage to the tree or shrub trunk. Sand pans can be used for trees and shrubs to protect the plant trunk from the mower, and help to avoid over watering. Keep shrubs and trees trimmed to present an attractive appearance.
- Trimming: To promote optimum efficiency and safety for all foot and vehicular traffic, trees and shrubs shall be kept trimmed to clear all roads, drives, and walking areas. Any limbs and branches touching or brushing buildings, fences, or other structures are also to be trimmed to provide clearance and free air circulation around the plant. The trimming of trees shall comply with the requirements in Section C.5.4.2 'Tree Trimming.'
- Pruning: Trees and shrubs shall be pruned by the Contractor to remove dead or diseased foliage or branches to help control or direct growth, increase quality, and to add structural strength to the trees and shrubs.
- Survey: A certified grounds maintenance professional shall provide a survey of the trees and an evaluation of their condition.

This shall be completed within 30 days from the start date of each year the contract is in effect. The evaluation shall include a plan and price list for any special treatment not covered by this contract. Soil samples shall be taken and analyzed at the Contractor's expense by an approved testing laboratory from areas where plant health problems occur. Recommendations of the testing laboratory should also be submitted with a plan and price list for any special treatment not covered by this contract. Plans and price lists shall be submitted to the CO or their designee.

C.5.3.4.4 MULCHING

Contractor shall maintain and replace existing mulch as necessary. Replacement mulch shall be commercial grade shredded hardwood bark, or equivalent, including rubber. It shall be free of sticks, stones, clods, or other foreign materials. A sample of proposed mulch and chips shall be submitted to and approved by the CO or their designee prior to use. All areas to be mulched shall be raked, debris removed, edges reestablished, and any excessive mulch buildup worked into existing soil or removed, at the discretion of the CO or their designee, prior to mulch application.

C.5.3.4.5 MOWING AND EDGING

Contractor shall mow and edge all turf areas at a frequency and method that ensures that all areas present an attractive appearance at all times. Mulching mowers shall be used; however, non-mulching mowers are permitted at some sites and shall be approved by the CO or their designee. Grass clippings shall be cleared from walkways and roadways and blown onto the grass. As appropriate, grass clippings shall be left in place, composted, or mulched as coordinated by the CO or their designee.

C.5.3.4.6 LEAF REMOVAL

The Contractor shall remove leaves, as necessary, to maintain a neat and clean appearance. Leaves should be composted as appropriate. Throughout the year, the Contractor shall remove minor accumulations due to isolated leaf drop and shall check all storm drain openings on the premises and remove any leaves or debris that have accumulated. Care shall be taken to remove leaves in existing mulched areas to maintain a neat and clean appearance without substantial reduction in mulch depth or damage to herbaceous or woody plant material.

C.5.3.4.7 OVER SEEDING, DETHATCHING AND PLUGGING

Over-seed, dethatch, and plug as necessary to prevent bare areas and promote even growth of turf areas following common and local landscaping
practices.

C.5.3.4.8 FERTILIZATION

All lawns, trees, and ground cover shall be fertilized consistent with common local landscaping practices. Application by the Contractor shall employ the best practices to minimize chemical runoff. Fertilizer used shall be of a balanced type that supplies all nutrients required for providing sustainable growth and development. The fertilizer application rate for the trees will be determined by tree type, girth, and height. Prior to application, the Contractor shall schedule time of application with the CO or their designee.

C.5.3.4.9 FLOWERBEDS AND PLANTS

Flowerbeds are to be free from weeds and debris. Replacement plants shall be supplied by the Contractor. Plants supplied by Contractor shall be approved by the CO or their designee and shall be arranged in an attractive and professional manner. Preference shall be given to the use of native perennials instead of annuals.

C.5.3.4.10 PLANT REPLACEMENTS

The Contractor shall be responsible for all costs associated with the replacement of all planted materials that have been damaged as a direct result of the Contractor's lack of oversight, neglect, or lack of proper care and maintenance. The Contractor shall use replacement plants that are native to the area to help further reduce the use of irrigation water.

C.5.3.4.11 SOIL AND GROUND COVERS

- Aeration: Soil shall be aerated (frequency is dependent on the type of soil and grass but no less than one aeration per year) by manual or mechanical methods of piercing the ground to provide an adequate air supply to the soil and promote sustained plant life.
- Cultivation: Soil shall be cultivated to ensure the topsoil is loose for the purposes of gas exchange, water penetration, and soil aeration.
- Groundcover: All areas shall be maintained to promote healthy and sustained growth. Ground cover must present a neat appearance.

C.5.3.4.12 UNIMPROVED GROUNDS

RESERVED

C.5.3.4.13 FENCE LINES

RESERVED

C.5.3.4.14 WEEDS

Maintenance: All area sidewalks, parking lots, and roadways (excluding unimproved grounds) are to be free of weeds and unwanted growths.

C.5.3.4.15 IRRIGATION

Initial Deficiency Walk-Through: The Contractor shall conduct a walk-through to inspect all irrigation systems (sprinklers, rain and freeze sensors, and drip systems) and submit a list of all damages to those systems to the CO or their designee. Contractor is responsible for maintaining all the irrigation system.

C.5.3.4.16 WATERING

- Watering: All watering cycles shall be conducted at times that minimize inconvenience to the building occupants and visitors and maximize percolation. Watering shall be performed to minimize run-off into drains and sewers. Entrances and exits shall not be wet during the arrival and departure of occupants and visitors. Watering shall be accomplished using a drip, soaker hose, or another water-saving irrigation system device. The Contractor shall operate watering systems that use automatic timers coupled with rain/freeze sensors in an efficient manner that considers local weather and local mandates. During periods of water restrictions, watering guidelines by the local water district shall apply. The Contractor shall not be responsible for the replacement of landscaping materials that die as a result of a lack of proper access to water during these periods of water restrictions by municipalities.
- Hand Watering: When mechanical irrigation is not available or is malfunctioning, the Contractor shall use alternative hand watering methods, such as gator bags, or equivalents to ensure, promote, and maintain healthy growth. Watering shall be performed to minimize run-off into drains and sewers.

C.4.3.4.17 ADJUST, CLEAN AND SET AUTOMATIC CONTROLLERS

Irrigation systems with automatic controllers shall be adjusted, cleaned, and set for the most energy efficient watering periods. When watering lawns, the Contractor must make sure that the sprinklers and drip heads are clean and adjusted so that the water ejects evenly and covers all lawn areas and shrubs. The Contractor must ensure irrigated water does not spray on to paved areas or walkways and run-off into drains and sewers.

Irrigation systems that are damaged by the Contractor due to neglect shall be repaired by the Contractor. The Contractor shall be responsible for all costs incurred to repair and test the system. Repairs shall be performed by qualified personnel such as the Contractor, the Contractor's sub-contractor, or the O&M Contractor. All repairs shall be performed using industry practices.

The Contractor shall be responsible to notify the Government in the event of operational malfunctions, breakages, or failures to the irrigation system, which affects the Contractor's ability to provide proper irrigation to building's landscaping. Failure to make timely notification to the CO or their designee shall result in the Contractor replacing damaged landscaping materials.

C.5.3.4.18 INTEGRATED PEST MANAGEMENT PLAN (IPM)

The Contractor shall utilize the Integrated Pest Management Plan for controlling pests and disease to ensure that the landscapes, trees, and shrubs are free of disease and pest infestation.

C.5.4 ABOVE STANDARD SERVICES

The Contractor shall provide interior and exterior above standard services to fulfill the Government's intermittent need for work. These services are in addition to the services specified as a standard service.

The Contractor shall not divert workforce to accomplish above standard services.
Submit to the CO or their designee after contract award a commercial price list for above standard service listed item(s). The commercial price(s) shall include the duration that the price is valid, minimum quantities to be ordered and any other stipulations that may apply. Unless otherwise requested by the Ordering Official, commercial prices for these services should be given by the square foot for any work defined in terms of its floor space. Work items whose unit of quantity is listed as 'each' should be on a "per item" basis (per blind, per window, per tree, etc.). However, the Ordering Official may request that the Contractor provide the work line items on another basis, 'such as per job' translated as quantity times unit price.

The Government reserves the right to obtain supplies and services from other sources if prices are found not to be fair and reasonable, based on competitive fair market prices.

C.5.4.1 POSTAL LOCK BOXES AND MAIL

RESERVED

C.5.4.2 TREE THINNING

Tree thinning shall reduce the density of live branches towards developing the natural branching structure. Thinning shall result in an even distribution of branches on individual limbs and throughout the crown, to provide free air circulation through the remaining limbs and branches. Not more than 25 percent of the crown should be removed annually.

Tree maintenance shall be performed only by arborists or arborist trainees who, through related training, on-the-job experience, or both, are familiar with the practices and hazards of arboriculture and the equipment used in such operations. This standard shall not take precedence over arboricultural safe work practices. Operations shall comply with applicable Occupational Safety and Health Administration (OSHA) standards, ANSI Z133.1, as well as State and local regulations.

Climbing spurs shall not be used when climbing and pruning trees. Tree branches shall be removed in a manner not to cause damage to other parts of the tree, other plants, or property. Branches too large to support with one hand shall be precut to avoid splitting of the wood or tearing of the bark. Where necessary, ropes or other equipment shall be used to lower large branches or portions of branches to the ground.

C.5.4.3 SNOW AND ICE REMOVAL

Snow removal services covered under this contract are only applicable for removal from building roofs, conical glass, and related areas.

The GSA Ordering Official may order additional snow and ice removal services outside of normal building operating hours (i.e., weekends, holidays). The task order shall reflect the days and hours required for snow and ice removal.

The Contractor shall use caution when snow removal is in progress to prevent any damage to the buildings, grounds, vegetation, landscape areas, sidewalks, roads, fire hydrants, shrubs, signs, and other protrusions. The Contractor shall be held liable for any damage incurred to Government property during the performance of work. All locally prescribed safety regulations, laws, and practices shall be carefully observed in performance of the work.

If any chemicals are to be used they shall be certified by EPA's 'Design for the Environment.' Products with no comparable substitute shall comply with Federal specifications and local codes and be approved by the CO or their designee prior to the first inclement weather event. No sodium chloride or calcium chloride salt shall be used due to environmental risk. Less disruptive chemicals such as magnesium chloride, potassium acetate, and potassium chloride are viable alternatives. If being used, the Contractor shall ensure there is an adequate supply of chemicals and sand on site or readily available to cover unexpected snow and ice occurrences.
Contractor shall be accountable to reach out to get the city to respond if Street Snow Removal has not been removed.

C.5.5 EXTENT OF WORK

The Contractor shall remove all hydraulic fluid and/or oil spillage caused either by the collection vehicles, or released from containers at the designated centralized collection site (loading dock, etc.). Sorbent use for cleanup shall contain post-consumer recycled content minimum as required. The minimum depends on the type of sorbent used: see the EPA/CGP website for details. Spill residue and clean-up materials shall be disposed of in accordance with the Environmental Protection Agency (EPA), and State and local regulatory requirements.

Unless specifically contracted to recycle items or material identified by the EPA and State and local regulatory agencies as hazardous waste, hazardous materials, or Universal Waste, the Contractor shall not collect these items. Typical prohibited wastes include but are not limited to fluorescent light bulbs, thermostats, thermometers, most chemicals, and batteries. Electronic equipment, such as computers, shall not be discarded in the recycle bins. The Contractor shall notify the CO or their designee of any prohibited or unauthorized items observed in the trash or recycling receptacles.

C.5.6 ENVIRONMENTAL REPORTING

The Contractor shall provide all necessary information required in this Section to comply with environmental and green purchasing reporting requirements, and agency sustainability goals in this specification.
The Contractor shall submit to the CO or their designee the following reports.

C.5.7 RECYCLING AND WASTE REPORTS

Recycling and solid waste reports are provided by other Government contracted service providers. The Contractor is to coordinate and partner with any other service providers by providing data and reasonable assistance if necessary.

C.5.8 INTEGRATED PEST MANAGEMENT

The Integrated Pest Management (IPM) Plan is a part of the standard services provided by GSA, which consists of a preventive maintenance process. The plan coordinates many different programs to reduce sources of pests on a long-term basis for both the interior and exterior areas of a building. The Pest Control requirement is specified in 7 U.S.C. 136r-1 7 USC § 136r–1 - Integrated Pest Management | LII / Legal Information Institute . The Contractor shall have a plan that employs practices and techniques, as they relate to cleaning, trash, and materials handling, that reduce the sources of food and water, harborage, and access routes used by pests in and around the building.

C.5.8.1 PREVENTIVE PEST MAINTENANCE

The Contractor shall implement a preventive maintenance program that identifies and corrects conditions that contribute to pest infestation. Some of the most effective **EXAMPLES** include but are not limited to:

- Self-contained compactors rather than dumpsters or stationary dumpsters for storing solid waste/trash awaiting pickup, wherever possible.
- Pressure washing of trash rooms, loading docks, and food preparation facilities. The Contractor shall ensure that run-off into drains and sewers is minimized when using pressure washing devices.
- Food preparation and storage areas remain clean.
- Dedicated, tightly covered receptacles for food waste in indoor areas with chronic pest problems.
- Replacement of dense ground cover in landscapes with chronic rodent problems.
- Employ techniques that may include, but are not limited to, keeping containers closed, removal of debris, etc.

C.5.8.2 INITIAL PEST ASSESSMENT

A certified pesticide applicator or licensed IPM Contractor shall conduct a thorough, initial assessment of the ☒ interior space and/or ☒ exterior grounds and paved areas. Access to building space shall be coordinated with the CO or their designee. The CO or their designee must inform the Contractor of any restrictions or areas requiring special scheduling. The purpose of the initial assessment is for the custodial Contractor to identify areas or practices that may contribute to pest infestation.

A written report detailing the findings of the initial assessment shall be submitted to the CO or their designee within fifteen (15) calendar days of the start of the contract. Throughout the life of this contract, the Contractor shall be responsible for notifying the CO or their designee in writing about any sanitary or procedural modifications deemed necessary to eliminate pest infestation.

C.5.8.3 RECOMMENDATIONS FOR PEST MANAGEMENT AND CONTROL

Application of chemical and non-chemical pesticides and trapping methods to address current pest infestations (pest populations) is not a part of this base contract. As required above, the Contractor shall submit an assessment of practices that may contribute to pest infestations (pest populations). The report shall also include recommendations for getting rid of current pest infestations. Eradication methods recommended shall include non-pesticide practices where possible (vacuum or trapping methods). Each control recommendation shall include a price which the Contractor would charge separately from this contract. Prices shall reflect service from personnel qualified to apply chemical and non-chemical pesticides. In the event that pesticide application or trapping methods are required on a regular basis,

this contract may be modified to include those services. The GSA may choose to obtain these services from a separate vendor.

C.5.8.4 PEST CONTROL PLAN

Prior to initiation of services, the Contractor shall submit to the CO or their designee for approval a written Pest Control Plan within **15 calendar days** following the initial assessment. The plan should include integrated methods, routine site inspections and maintenance, routine pest inspections, pest populations monitoring, evaluation of the need for pest control and one or more pest control methods. The plan shall also include a specification of the circumstances under which an emergency application of pesticides can be applied and a communications strategy directed to building occupants.

The Pest Control Plan shall consist of the following parts:

- Proposed Materials and Equipment for Service including labels and Material Safety Data Sheets (MSDS) for all pesticides to be used. A list of the brand names of trapping devices, pesticide application equipment, rodent bait boxes, insect and rodent trapping devices, pest monitoring devices, pest detection equipment, and any other pest control devices or equipment that may be used to provide service. The use of green and sustainable methods and applications is preferred whenever possible. A list of chemicals used and the purchase price for these chemicals.
- Proposed Methods for Monitoring and Detection including describing those methods and procedures to be used for identifying sites of pest harborage and access and for making objective assessments of pest population levels throughout the term of the contract.
- An inspection schedule for each building or site. Frequency of contract visits shall depend on the specific pest control needs of each premise. Large office facilities or specified office areas within such facilities with a history of pest infestations will be visited more frequently.
- A description of any structural or operational changes that would facilitate the pest control effort.
- A copy of the Commercial Pesticide Applicator Certificate or License for every Contractor representative who will be performing on-site service.

C.5.8.5 PESTICIDE APPLICATION

The Contractor shall not apply any chemical or non-chemical pesticide products that have not been included in the Pest Control Plan or approved in writing by the CO or their designee. The Contractor shall provide to the CO or their designee with a list of chemicals and purchased price as specified in Section C.5.9 'Environmental Reporting.' If the CO or their designee has concerns or questions regarding chemicals being used, the CO or their designee should contact the Integrated Pest Management Coordinator in GSA's National Capital Region. The Contractor shall employ the least hazardous materials, most precise application technique, and minimum quantity of pesticide necessary to achieve control. Pesticides used by the Contractor must be registered with the U.S. Environmental Protection Agency, state and/or local jurisdiction. Transport, handling, and use of all pesticides shall be in strict accordance with the manufacturer's label instructions and all applicable Federal, State, and local laws and regulations. All chemicals shall be in the original manufacturer's containers and properly labeled.

Chemical pesticides shall not be applied in any Child Care center without prior coordination and consent of the Child Care Director. Posting and notifying the Child Care Director must be initiated at least 24-48 hours in advance of using any chemical pesticides. Only qualified, trained, and certified personnel or

licensed Contractors shall apply any chemicals. Uncertified individuals working under the supervision of a certified pest applicator or licensed Contractor shall not be permitted to provide service under the terms of this contract. Chemicals shall be applied with extreme care to avoid hazard to any person or animal in the immediate or adjacent areas, or property damage.

Pesticide application shall be according to need and not by schedule. As a general rule, application of pesticides in any area shall not occur unless visual inspections or monitoring devices indicate the presence of pests in that specific area. In no case shall extremely toxic materials be permitted. The Contractor shall not store any pesticide products on Government property. Any emergency applications of chemical pesticides must be approved by the CO or their designee prior to application.

C.5.8.6 STRUCTURAL AND PROCEDURAL RECOMMENDATIONS

Structural modifications for pest control will be the responsibility of the Government. However, throughout the life of this contract, the Contractor shall be responsible for notifying the CO or their designee in writing about concerns with any structural, sanitary, or procedural modifications deemed necessary to eliminate food and water sources, harborage, or access routes that would allow building infestation by pests in and around the building.

C.5.8.7 RECORD KEEPING

The Contractor shall be responsible for maintaining a pest control logbook or file for each building or site specified in this contract. These records will help with monitoring pest locations and actions taken to prevent or mitigate further infestations. The log shall include pesticide information on whether chemical and non-chemical methods were used to control pests. Where chemicals are applied the log shall specify the type, quantity, price, and circumstances for using pesticide(s). These records shall be kept on Government property and maintained by the Contractor.

Each log book or file shall contain at least the following items:

- A copy of the Pesticide Control Plan. The plan shall provide labels and MSDS for all chemical pesticides used and purchase price, brand names of all pest control devices and equipment used, and the Contractor's service schedule for the inspection and/or treatment of the building. Reporting requirements for the plan are defined in Section C.5.6 'Environmental Reporting.'
- Completed copies of GSA Form 3638, Pest Control Work and Inspection Report, or an equivalent form such as another Contractor service report forms that is approved by the CO or their designee. The report form shall be used to advise the Contractor of routine service requests and to document the performance of all work. The Contractor shall also document on the GSA Form 3638 or equivalent all information on pesticide application that is required by statute in the jurisdiction where service is actually performed. Upon completion of a service visit to a building, the Contractor's representative performing the service shall complete, sign, and date the GSA Form 3638 or equivalent form.

C.5.8.8 MANNER AND TIME TO CONDUCT SERVICE

Routine pest control services that do not adversely affect tenant health or productivity shall be performed during the tenants' normal working hours. The Contractor shall notify the CO or their designee, and the CO or their designee shall provide notice to occupants at least 72 hours before application of any pesticides during normal conditions and within 24 hours in emergency situations. An emergency is an

exceptional circumstance that poses a clear (or at least perceived) health and safety risk or where operations are severely disrupted. Examples of the first involve some outdoor animal (e.g., bird, snake, bat, or squirrel) that has gotten into indoor space and cannot get out, or a nest of bees or wasps are discovered on the grounds. An example of the second would be a swarm of winged termites or ants emerging into occupied space, which might be completely harmless, but nevertheless are alarming to the occupants. When it is necessary to perform any work outside of the tenant's normal working hours, the Contractor shall notify the CO or their designee at least one day in advance.

C.5.8.9 INSECT CONTROL

The Contractor shall provide the CO or their designee with signs, placards, literature, or other information so that the CO or their designee can inform building occupants of the nature of the pest application. The information will include at a minimum a brief explanation regarding the reason for the pest application, the safety of the products being used and contact information should the building occupants have questions.

Non-pesticide Products and Use: The Contractor shall use non-pesticide methods of control wherever possible. For example:

- Portable vacuums with HEPA or MICRO filtration
- Trapping devices
- Chemical Pesticide Products and Use: When it is determined that chemical pesticides must be used in order to obtain adequate control, the Contractor shall employ the least hazardous material, most precise application technique, and minimum quantity of pesticide necessary to achieve control. The Contractor shall minimize the use of liquid pesticide applications wherever possible, for example:
- Bait stations and other types of bait formulations rather than sprays.
- As a general rule, liquid, aerosol, or dust formulations shall be applied only as crack and crevice treatment.
- Application of pesticide liquids, aerosols, or dust to exposed surfaces and pesticide space sprays (including fogs, mists, and ultra-low volume applications) shall be restricted to unique situations where no alternative measures are practical.

The Contractor shall obtain the approval of the CO or their designee prior to any application of pesticide liquids, aerosols, or dust to exposed surfaces, or any space spray treatments. Other than crack and crevice treatments, no liquid, aerosol, or dust applications shall be made while tenant personnel are present.

C.5.8.10 RODENT CONTROL

- Indoor Trapping: Generally, rodent control inside buildings shall be accomplished with trapping devices only. All such devices shall be concealed out of the general view and in protected areas so as not to be affected by routine cleaning and other operations. Traps shall be checked on a schedule approved by the CO or their designee. The Contractor shall be responsible for disposing of all trapped rodents and all rodent carcasses in an appropriate manner.
- Use of Rodenticides: In extreme cases, when rodenticides are deemed essential for adequate rodent control inside buildings, the Contractor shall obtain approval from the CO or their designee prior to making any interior rodenticide treatment. All rodenticides, regardless of packaging, shall be placed

either in locations not accessible to children, pets, wildlife, and domestic animals or in EPA-approved tamper-resistant bait boxes. As a general rule, rodenticide application outside buildings shall emphasize the direct treatment of rodent burrows wherever feasible.

- Use of Bait Boxes: All bait boxes shall be maintained in accordance with EPA regulations, with an emphasis on the safety of non-target organisms. The Contractor shall adhere to the following points:
- All bait boxes shall be placed out of the general view, in locations where they will not be disturbed by routine operations.
- The lids of all bait boxes shall be securely locked or fastened shut.
- All bait boxes shall be securely attached or anchored to floor, ground, wall, or other immovable surface, so that the box cannot be picked up or moved.
- Bait shall always be secured in the feeding chamber of the box and never placed in the runway or entryways of the box.
- All bait boxes shall be labeled on the inside with the Contractor's business name and address and dated by the Contractor's technician at the time of installation and each servicing.

C.5.8.11 SAFETY AND HEALTH

All work shall comply with the applicable requirements of 29 CFR §198 and State and municipal safety and health requirements http://www.access.gpo.gov/nara/cfr/waisidx_06/29cfr198a_06.html, Where there is a conflict between applicable regulations, the most stringent shall apply.

C.5.8.12 INTEGRATED PEST MANAGEMENT REPORT

The Contractor shall provide to the CO or their designee with a list of chemicals and their purchase prices that are used to control pests in the building.

C.5.9 REPORTING FORMATS

Reports prepared by the Contractor shall be submitted to the Government electronically, using the forms in Section J. The Contractor shall submit reports in electronic form. If printed, the Contractor's reports shall be printed double-sided on paper containing a minimum of 30 percent post-consumer recycled content.

C.5.10 CHILD CARE CENTERS

RESERVED

C.5.11 QUALITY CONTROL PLAN (QCP)

The Contractor shall establish and implement a complete Quality Control Plan (QCP) to ensure the requirements of the contract are met. The QCP is a written document that specifies a system for determining whether or not cleaning service requirements are being met and identifying and correcting deficiencies in the quality of services before the level of performance becomes unacceptable. The QCP also identifies opportunities where the Contractor can make improvements in how services are provided.

The QCP is a living document and may be subject to change depending on the needs of the contract. When the contract is revised, the Contractor is required to provide an updated QCP, maintenance schedule and listing of current employees to the CO or their designee for acceptance. See Section C.3.1

& C.8 'Federal Requirements' & 'Submittals Chart (Contract Deliverables)', to find the time frame to submit the QCP.

The QCP shall include the following, at a minimum:

- How the Contractor will control quality and quantity of supplies and services.
- Define the roles and responsibilities of the Contractor's operating personnel.
- How project management, inspections, plan implementation, process improvement changes, correction of deficiencies, and Section C.2.38 'Green Cleaning' of this contract will be accomplished.
- An inspection plan or checklist tailored to the specific building(s) being cleaned and serviced under this contract. The inspection plan or checklist shall detail how services at the work site shall be inspected to ensure that the outcome of the work meets all the quality standards set forth in the contract and shall include, but is not limited to:
- Date of inspection performed
- Location of inspection
- Description of findings
- Description of action(s) taken (if necessary)
- Signature and date of completion
- A written training program to ensure that the Contractor's employees are capable of successfully accomplishing all work task(s) under this contract.
- A Strike Contingency Plan for separation of employees and employee absences.
- How Contractor shall monitor deficiencies of work output in relation to the performance standards, methods of informing employees of deficiencies in their area(s) of responsibility, and a process to ensure that the deficiencies are corrected and do not reoccur.
- How Contractor shall measure and document performance against the scope of work.
- Service calls and how they shall be monitored and responded to in a timely manner as required in Section C.2.62 'Service Calls' in the specification.
- A Communication Plan for the Contractor to communicate with GSA to receive and respond to service calls and customer complaints, as required in Section C.1.2 'Communication Plan' in the specification.
- Contractor incentives.
- How the Contractor will utilize the Government's approved tenant survey results to improve the delivery of custodial and related services.

C.5.12 CLEANING SCHEDULES

The cleaning schedule is considered the Contractor's efficient approach to the work, and shall not limit the Contractor to specific levels of staffing, means or methods. Changes necessary for achieving the contract performance work statement requirements shall be the responsibility of the Contractor. Cleaning schedules and any revisions are to be submitted to the CO or their designee.

The Contractor's cleaning schedule shall, as a minimum, include the following frequency:

- Daily cleaning
- Periodic cleaning
- Weekly cleaning
- Monthly cleaning
- Other frequencies

C.6 BUILDING OPERATIONS AND MAINTENANCE SERVICES

C.6.1 GENERAL AND ADMINISTRATIVE REQUIREMENTS

STANDARD SERVICES

C.6.1.0 OPERATIONAL REQUIREMENTS

C.6.1.1 GENERAL

The Contractor shall provide building operations services for all systems covered by this Contract, so as to maintain uninterrupted utilities services, and environmental conditioning to tenants during normal working hours, and at other times as described in this document, so as to preserve the asset value of the facility and its systems and to otherwise minimize operating costs to the Government without compromising other Contract objectives or requirements. The Contractor shall be briefed by the property manager on GSA's policy regarding overtime utilities to better understand what is considered standard and above standard services. Some or all of these requirements are to be documented or referenced in the Building Operating Plan, see Paragraph C.6.14.2.

C.6.1.2 EXTENDED OPERATING HOURS

The following areas of the building regularly operate during hours outside of normal working hours; supporting equipment shall be operated and maintained by the Contractor so as to support these extended operating hours.

The following areas are in operation 24/7

- Marshal control room
- Marshal basement operation area
- USAO computer room
- US Courts computer room
- Marshal ADT room
- Ice Farm

The GSA outlease space operates from 11 AM - 11 PM.

Areas of the building with extended operating hours may change during the performance period of the Contract. The Contractor will be notified of these changes as soon as possible.

C.6.1.3 CONTINUITY OF OPERATIONS (COOP)

The Contractor shall operate the facility and participate in emergency operations in support Occupant Emergency Plan (OEP) as specified in Section H.22.

C.6.1.4 EMERGENCY OPERATIONS PLAN

The Contractor shall be responsible for developing an emergency operations plan within the building operating plan and shall become thoroughly familiar with the Government's occupant emergency plan and other regional plans as applicable. The Contractor's plan shall include the following information: position

and contact phone number of each Contractor person, what each position is responsible for in each emergency, general administrative support the Contractor will provide during emergencies and any subcontractor support and contact information.

C.6.1.5 TENANT ENVIRONMENT

Lighting levels shall be adjusted under the guidance of the CO or their designee where they can be adjusted without changing fixtures (e.g., tuning dimmable ballasts, de-lamping). The Contractor should note that while the PBS P100 establishes target lighting levels, light quality, specific tenant requirements, energy conservation, and other individual factors also have an impact on requirements. Environmental standards shall meet ASHRAE Standard 55-2004, Thermal Environmental Conditions for Human Occupancy and ASHRAE 62.1-2007, Ventilation for Acceptable Indoor Air Quality (Guiding Principles) and be maintained throughout normal working hours in the most efficient sequence and equipment startup shall occur efficiently in order to fully attain environmental conditions at the beginning of normal working hours. The contractor shall comply with the FMR 102-74.185, and strive to achieve temperature settings of 74°F and 78°F ± 2°F in the summer months and 68°F and 72°F± 2°F in the winter months per Executive Order 13423. These recommended temperature settings are for the entire building not individual offices. The Contractor shall report significant changes in the operating conditions to the CO or designee. If the building is incapable of meeting the standards and changes of ASHRAE Standards 55 and 62, such deviation shall be explicitly reported to the CO or their designee.

C.6.1.6 ENERGY AND WATER EFFICIENCY

The Contractor shall operate equipment and systems as efficiently as possible without compromising service to the tenants. Failure to operate equipment prudently (e.g., unnecessarily setting demand peaks, simultaneously heating and cooling, operating equipment when not needed, overriding set point unnecessarily, or failing to correct underlying conditions) may result in deductions. The CO or their designee will provide the Contractor with Operational Performance Targets (See Exhibit 16) for energy and water, where data is available within the first quarter of the award of the Contract. The Contractor shall populate the Building Energy and Water Efficiency Use Plan Exhibit 17 or Annual Building Energy and Water Efficiency Report Exhibit 19 provided by CO or their designee to achieve the yearly energy and water targets. The plan shall identify measures to conserve energy, any operational or physical changes to the system, plant, or equipment, and optimization opportunities to reduce consumption or cost. The Contractor shall report monthly and annually (Exhibit 18 & 19) energy and water usage as compared to the previous year and document energy and water saving initiatives and reasons why performance goals were or were not met. The report shall be submitted to the CO or their designee by the 5th working day of the subsequent month. The Contractor is to make full use of available analytic tools (e.g., BAS, AMS, GSAlink data) to diagnose problems and identify operational improvements. The Contractor, in coordination with the CO or designee, shall pursue the use of energy-efficient replacement parts and equipment items (not limited to Energy Star ® or FEMP-designated Energy Efficient products, Water Sense, Design for the Environment products) that will meet or exceed the requirements of this statement of work. In cases where equipment is being replaced or upgraded to high efficiency models the Contractor shall investigate all potential energy rebates that would be advantageous to the government. Any rebates received from a service utility provider shall be assigned to the Government.

C.6.2 SYSTEM PERFORMANCE STANDARDS OR PROCEDURES

The contractor shall utilize the ice storage system in compliance with guidance and documentations as provided.

C.6.3 WORK REQUESTS

The contractor is to respond to work requests as noted in the Facility Management Services document. The response requirements for Operations & Maintenance Services are outlined in the below matrix.

Work Request Type	**Response Requirement**
Emergency Call-Back	Onsite within 1 Hour of notification
Emergency	Immediate response
Urgent	1 hour
Routine	2 hours

C.6.4 TOURS

C.6.4.1 GENERAL

The Contractor shall tour major building equipment at set frequencies. Log sheets associated with major operating equipment shall be completed at the time of tours and the information recorded in the NCMMS. At the commencement of Contract performance, CO or their designee will direct the Contractor to include on the log sheets established design condition numbers for reference against actual readings at the time tours are performed. Paper log sheets need not be used for equipment monitored and data logged by the BAS, if such monitoring and data logging provides a sufficient database of operating data to allow for analysis of trends in equipment performance and troubleshooting. The Contractor shall document all tours completed in the NCMMS. All findings noted during the tour shall be entered as remarks on the tour sheet and a work order shall be initiated for corrective action by the Contractor.

C.6.4.2 OPERATING LOGS AND TOUR CHECK SHEETS

Operating logs and tour sheets shall be maintained by the Contractor for major equipment and advanced and metering systems. Information recorded on the logs shall be adequate to track the operating hours and performance history of the equipment and the information recorded in the NCMMS. Tour check sheets shall be stationed at major points for building tours (for example, air handler rooms). These shall be checked, initialed and dated by the Contractor when tours are performed. There shall be different checklist columns on a standard tour check sheet for each frequency. Tour sheets shall contain columns for major operating parameters and shall indicate the tolerance bands for acceptable performance, where available.

C.6.4.3 TOUR FREQUENCIES

Minimum:

- DAILY: Major HVAC equipment (when in operation), including boilers, chillers, cooling towers, pneumatic control air compressors, and air handler rooms. Fire alarm system control units (e.g. fire alarm system control units shall not have any unwanted trouble conditions). Steam system reducing and regulating stations. Special HVAC for critical functions.
- WEEKLY: Distributed HVAC equipment including package units and external condensers, pumps, motors, sewage ejectors, fire pumps, and generators.

- TWICE PER MONTH: Battery systems and uninterruptible power systems (UPS).
- MONTHLY: Transformers, secondary electrical rooms, switchgear and primary electrical equipment rooms, condensate drip pans and roofs.

C.6.4.4 CONDENSATE DRIP PANS

The Contractor shall conduct inspections of the condensate drip pans of all air handling units, A/C package units, window A/C units, and other equipment items and or systems that physically have drip pans to ensure that they drain properly. Such inspections shall be conducted in accordance with the tour program and be performed no less frequently than monthly. Pans that are not level or that leak shall be reported to the CO or designee. All drip pans shall be treated with an appropriate biocide to control the growth of algae, etc. If any condensate pans are inaccessible, the Contractor shall notify the CO or their designee immediately.

C.6.5 MONITORING OF CENTRAL PLANT EQUIPMENT

Where central plant equipment is not (1) controlled through a sequence of operations programmed in a BAS, and (2) centrally alarmed with alarm paging, operational watch procedures, in addition to tour requirements specified elsewhere in this document, shall be performed as follows:

1. Monitoring the starting, stopping, and loading of equipment.
2. Checking all operating equipment in the watch area every 2 hours.
3. Recording operating data in appropriate logs or records every 2 hours.
4. Making adjustments at the central control panel in response to changing operating conditions.

For fire protection and life safety systems, tour frequencies shall be in accordance with the requirements in the applicable NFPA code and standards.

C.6.6 DEMAND RESPONSE PROGRAMS

The Government may participate in any of the available demand response programs or critical peak pricing tariffs administered by utilities, State agencies, or third-party administrators. If the Government participates in such a program and advises the Contractor of the requirements of the program, the Contractor shall cooperate fully in the implementation of the program.

C.6.7 CURTAILMENT PROGRAM

The Contractor shall develop a curtailment program in consultation with the CO or their designee and subject to approval; the program shall be described in the BOP (C.6.14.2). The Contractor shall implement all approved curtailment measures (which might typically include turning off unnecessary lighting, implementing temperature setback programs, etc.) immediately on notification of a curtailment, in accordance with the plan. Failure to diligently manage systems in accordance with such programs may result in performance deductions for excess costs.

C.6.8 BAS ALARM RESPONSE

The Contractor shall maintain all BAS systems using qualified employees as noted in the Special Contract Requirements document. BAS alarms shall be treated as work requests and responded to accordingly. Any major adjustments to set points to accommodate tenant comfort shall be approved in advance by the

CO or designee. Repetitive or associated alarms may be treated in the aggregate and tracked under the work order system established in the NCMMS. Communications for alarms set up for remote notification shall be tested on a recurring basis.

C.6.9 ADVANCED METERING PROGRAM

GSA's purpose for installing these meters is to monitor, identify, and implement opportunities to reduce energy usage at the building(s) and, in some cases, to verify that the utility companies are billing correctly. In many cases, the AMS will be connected to the BAS. It shall be the Contractor's responsibility to partner with GSA to fully utilize the AMS to develop and implement strategies that will result in overall energy reductions per Section C.6.1.6. The Contractor shall have all access to the AMS and be trained in its use as stipulated in H.16.3.16, Qualifications of AMS, BAS Technicians. The Contractor shall be trained in its use of advanced meters and shall demonstrate minimum competency in developing energy/water usage graphs and where electric advanced meters are capable of measuring power quality, the Contractor shall be sufficiently familiar with the software module to utilize this information when troubleshooting electric power issues such as transients, voltage disturbances, power factors, and harmonics.

C.6.10 DISRUPTIVE OR HAZARDOUS TOOLS

The CO or their designee shall approve use of impact tools and power-actuated tools during normal working hours. Burning or welding equipment may be used only with written permission from the property management office or CO or designee. A Welding and Burning Permit (GSA Form 1755 or equivalent) shall be issued in advance for each day welding or burning is performed.

C.6.11 SCHEDULED DISRUPTIONS TO UTILITIES, LIGHTING, FIRE PROTECTION & LIFE SAFETY SYSTEMS, OR SPACE CONDITIONING

Any work that will disrupt utilities, fire protection and life safety systems, lighting or space conditioning for building tenants shall be scheduled and approved in advance with the CO or their designee and is generally required to be performed outside of normal working hours.

C.6.12 PLUMBING AND RESTROOMS

Plumbing systems shall be maintained, repaired, and kept functional to the point of service delivery as defined by the utility company. The Contractor shall ensure all system drains, including storm drainage and roof drains, remain clear and unobstructed. The Contractor shall take any necessary steps to prevent odors emitting from drains or other plumbing systems into occupied space, to include keeping water in traps appropriately maintained. The Contractor shall clear toilet and sink blockages, as necessary. Such requests will be transmitted to the Contractor by the CO or their designee through work request procedures.

When replacing plumbing fixtures, use the most reduced water usage device as approved by the CO or designee. (For additional information see: http://www.epa.gov/watersense/)

C.6.13 CONSUMABLES AND CONSUMABLE MATERIALS

The Contractor is responsible for any consumables (including fuel) used during day-to-day operation of a generator, i.e., exercising the generator, testing, etc. Operation of a generator for an extended period (more than 4 hours per event) or due to a power loss would be treated as a reimbursable expense. If the operation of the generator is caused by contractor negligence, the contractor shall be liable for the full cost of refueling, any other provisions notwithstanding. The contractor shall not allow the fuel level to

drop below 75%. The contractor shall provide fuel as an additional service. The contractor shall maintain a running log containing the amount of fuel used with associated costs and have available to the co or designee upon request.

C.6.14 BUILDING OPERATION PLAN

C.6.14.1 BUILDING OPERATION PLAN

The Contractor shall revise or prepare and submit for approval to the CO or designee, not later than the **end of the startup or transition phase**, a building operating plan outlining their operating and general maintenance procedures for all major building equipment and systems (See Section C.6.14.2, Components of the Building Operating Plan, below). The purpose of the building operating plan is to be a standalone document that is a vehicle for the Contractor to document their plan for operating and maintaining the building and it is also a repository for several documents required throughout the Contract. One of the objectives of this plan is that if key personnel are not available then authorized staff should be able to refer to the BOP and manage and operate the building. The BOP contains critical information such as: who to contact, emergency procedures, energy plan, hours of operation, locations of emergency shut off valves, the location of OEP, COOP, Drawings, and equipment Inventory. The Contractor shall execute the Contract requirements in accordance with the approved building operating plan. The Contractor shall coordinate with the CO or their designee in developing the components of the plan in accordance with the building operating plan template provided by the CO or designee. The building operating plan shall be submitted as an electronic file (MS Word) with regular updates that reflect current personnel, subcontractors, equipment, systems, and operating procedures. The Contractor shall annually review and update the building operating plan and submit an electronic file (MS Word or searchable PDF) of the complete updated building operating plan on the anniversary of the Contract start date of each Contract year. If the Contractor fails to submit a satisfactory building operating plan at the end of the startup phase, the Government may suspend payments until a satisfactory plan is submitted. The building operating plan may be based on, or derived from, the existing building operating plan and other existing documents. However, all components shall be reviewed and updated. Deficiencies in the existing plan do not excuse deficiencies in the new plan.

C.6.14.2 COMPONENTS OF THE BUILDING OPERATING PLAN (BOP)

The components of the building operating plan are not additional requirements but a compilation of requirements stated throughout the SOW. Some of the information/documents will be provided by the CO or designee to complete this plan, such as OEP, COOP, drawings, etc. The building operating plan shall contain:

- Contact information (Local and corporate).
- Description of staffing, responsibilities, and work schedules.
- Standard operating procedures for operating building systems, to include at a minimum:
  - Startup and shutdown times and procedures relative to various environmental conditions.
  - Procedures to accommodate tenant overtime utility requests. Provide listings of mechanical equipment, hours of operation and separate procedures for heating and cooling.
  - Energy Conservation, Management and Control Systems, Peak load demand management procedures, AMS data for conservation strategies (if applicable).
  - Other operating strategies to maximize efficiency and minimize energy consumption.
  - Descriptions of major mechanical equipment and sequences of operations for equipment systems such as schedules, settings, start-ups, shut-down, control sequences, etc.
  - Locations of all major utility shutoffs, including gas, electric, and water.

- Locations of all electric rooms and a narrative of the areas served by each to include emergency generators, substations and transformers, equipment that is on the emergency generator
- Architectural and Structural systems maintenance (facade, roof, gutters, drains, windows etc.)
- Tour and watch locations, sign-in and documentation procedures.
- Maintenance schedules, procedures, and a reference to which preventive or predictive maintenance standards or guides the Contractor will use. For fire protection and life safety systems include specific references to which inspection, testing, or maintenance shall be performed each week, month, quarter, semi-annually, annually, 5 years, etc., in a format for the applicable NFPA code or standard.
- List of test equipment to be maintained onsite to support troubleshooting, sensor calibrations, etc.
- Vertical Transportation, if applicable, escalators, elevators, dumbwaiters or note Contractor information.
- A description of how building equipment data is maintained and updated. Work request and repair procedures, to include staffing and procedures for the work requests, during operating hours, after hours, and emergency function, if applicable.
- Safety, Security, Disaster Emergency Response, Recovery and Reporting Procedures Reference the location or incorporate contingency plans for:

b. Loss of the Contractor's onsite personnel (i.e., strike, walkout, injury, abrupt resignation).
c. Civil disturbance or major security threat.
d. Natural disasters, bombing, or other event that damages the building's structure or utilities.
e. Floods, including flooding caused by plumbing breaks.
f. Hazardous materials including asbestos, lead paint, leaks or spills, water management
g. Utilities curtailment plans and shut off locations.
h. Inoperability and impairment of fire protection and life safety systems (including fire watch and impairment procedures (e.g., red tags, etc.).
i. Location of fire alarm control unit/fire control room/instructions to operate PA system in emergency if applicable.
j. Location of incoming municipal fire protection water supply
k. Location of fire sprinkler riser rooms
l. Location of fire pump.
m. Location of sump and sewage ejector pumps and emergency procedures.
n. Pressure booster and reducing stations, backflow preventers.
o. Underground Storage Tanks.
p. Confined Space Locations.
q. Portable Fire Extinguisher Locations
r. Defibrillator Locations
s. Radon mitigation program if applicable.

- Other contingency plans as necessary to support the Government's Continuity of Operations (COOP), Occupant Emergency (OEP), and Shelter in Place planning for the site. Description of environmental regulatory requirements such as Air Quality Management District and include rules that apply to equipment in the building, which permits are necessary, inspection and certification requirements and other essential information. Identify how the administrative and technical requirements will be managed for the timely accomplishment of all Contract requirements.
- Assignments of Responsibilities: Identify personnel with Quality Control Plan functions and the personnel with authority to commit funds, and the dollar level of that authority for this Contract.
- Description of demand response or utility curtailment programs in which the building participates, to include communications protocols and curtailment activities.

C.6.15 EQUIPMENT INVENTORY

The Contractor shall:

- Maintain and update the building equipment inventory and equipment labeling.
- Maintain equipment inventory and maintenance records in the NCMMS.
- Maintain the same asset identification system currently used for new and replacement equipment unless a national asset identification standard is provided. Some asset identification systems include bar-coding, Radio Frequency identification (RFID), or other equipment tagging.
- Collect and maintain an inventory of: (1) all equipment of types that require maintenance or certifications pursuant to the PBS Maintenance Standards or applicable code requirements, (2) equipment which is operated through a sequence of operations, (3) electronic controllers and network devices, (4) sensors, (5) Agency owned sensors , if applicable.
- Collect and maintain the following equipment data: Equipment ID, Equipment Type, Equipment Description, Asset Identification Code, Manufacturer, Model Number, Serial Number, Equipment Status, Building Number, and Location (Exhibit J.15).
- The Contractor shall provide all data to GSA in a format approved by the CO or designee with certification that the inventory is complete and accurate. For all sites using the NCMMS, the NCMMS the required format for providing inventory data.
- The Contractor shall annually certify that the Maintained Building Equipment Inventory is up-to-date and submit the certified inventory to the CO or designee.
- The Contractor shall update equipment data when equipment is added, removed, or retrofitted as part of a project, or discovered by GSA or the Contractor.
- The Contractor shall review and update equipment records including asset information, maintenance records and preventive maintenance records any time maintenance is performed on a piece of equipment.
- The Contractor shall report to the CO or their designee changes to the asset inventory and preventative maintenance schedule within five working days of collecting and gathering equipment information.

Omissions on existing inventory do not relieve the Contractor from the responsibility for the maintenance of the equipment. If the inventory data does not meet Contract requirements, action to withhold payments will take place. The Contractor may request equitable adjustment pertaining to physical changes in building equipment and submit to the CO or designee for consideration.
After initial contract update during the Start-up period, the NCMMS will be the only accepted method of tracking equipment inventory.

C.6.16 EQUIPMENT CONDITION ASSESSMENT

During the performance of the requirements of this Contract the Contractor shall note the condition and efficiency of building equipment and systems on an ongoing basis in the NCMMS. Any equipment or systems that the Contractor determines are reaching the end of their life cycle shall be brought to the attention of the CO or their designee. When requested, the Contractor shall complete and submit to the CO or their designee an itemized equipment condition assessment with their recommendation for equipment or system upgrades or replacements (that has reached end of their life cycle) , including a text description of each recommended upgrade or replacement and their life cycle cost analysis that shall include estimated project cost. The equipment condition assessment reports shall be produced in Word, Excel, or PDF format and submitted electronically as an email attachment to the CO or their designee.

C.6.17 REFERENCE LIBRARY

The Contractor shall maintain a comprehensive reference library that includes building design or record documents, renovation or equipment retrofit design or record documents, maintenance reference documents, applicable NFPA codes and standards, fire protection system as-built drawings, fire protection system operations and maintenance manuals with copies of approved submittals, fire protection system parts list, fire protection system zoning scheme, fire protection system sequence of operation matrix, HVAC Operations Manual (if one has been developed), building operating plan, energy and other building technical studies, hazardous materials surveys, and other documents necessary to document the design, function, and condition of the building. The Contractor shall safeguard this information in accordance with the provisions of Section H.6., Sensitive but Unclassified Building Information (SBU).

C.6.18 REVIEW OF DESIGN DOCUMENTS

Utilizing the most qualified onsite personnel familiar with the operations of the facilities covered under the scope of this Contract, the Contractor shall review design and construction project documents as requested by the CO or designee. The purpose of this review is to allow the Contractor to comment on any negative impact the proposed project may have on their ability to efficiently operate the building equipment or systems. When requested to perform these services, the Contractor will be compensated for the actual time required spent at the hourly specified in Section B of this Contract. Report number of hours provided in the Monthly Progress Report C.6.7. The Contractor should also be allowed to provide input or propose ideas that may improve the operations and provide value engineering.

C.6.19 INSPECTION ASSISTANCE FOR SPACE BUILD OUTS

When tenant improvement or space alteration work is completed in the building, the CO or their designee may request that the Contractor inspect the space to verify that all offices have appropriately zoned air supply and return ductwork and diffusers, appropriately zoned lighting circuits, and all zone HVAC/lighting controls have been adjusted appropriately and labeling of breakers in electrical panels and outlet cover circuit designations are complete.

Obvious problems or conditions that may potentially affect the efficient operation of the building or create a negative impact on the tenant shall be immediately reported to the CO or their designee.

C.6.20 EMERGENCY SHUTDOWN INSTRUCTIONS AND TOUR CHECKLISTS

Emergency shutdown instructions (including contact name and telephone numbers) and tour inspection checklists and Lock-Out-Tag-Out procedures shall be posted by the Contractor in all mechanical rooms and or electrical rooms, as applicable to the equipment in the given room. Such instructions and checklists shall be posted in an accessible and conspicuous location. All instructions and checklist will be recorded in the NCMMS.

C.6.21 LABELING OF ELECTRICAL CIRCUITS

The labeling of the electrical circuits shall be maintained up to date. When another Contractor (not the O&M Contractor) adds or modifies electric circuits the O&M Contractor shall inform the CO or their designee the compliance of annotating the changes to the panel and the update to the single line diagrams using the original electronic file format.

C.6.22 MAINTENANCE PROGRAM

C.6.22.1 MAINTENANCE STANDARD

As part of the Contractor's established system for scheduling and performing scheduled preventive maintenance (See C.6.1.0, General, above), the Contractor shall propose to the CO or designee, preventive or predictive maintenance standards or guides for each piece of equipment where the manufacturer/designer recommends preventive maintenance. Minimally, the preventive or predictive maintenance standards or guides proposed by the Contractor shall be based on; manufacturer's recommended maintenance or the most current Public Buildings Service Operations and Maintenance Standards 2012 (PM Guide) or guides proposed by Contractor. The preventive or predictive maintenance standards proposed by the Contractor may be based on a combination of equipment manufacturer's recommendations, the PBS O&M Standards, (PM Guide), sensor technology, diagnostic software, Contractor's experience and other sources. The equipment requiring Contractor proposed preventive or predictive maintenance standards or guides shall include all of the building equipment when any of the following equipment characteristics apply:

7. The equipment normally requires periodic replacement of consumable components.
8. The equipment normally requires periodic or occasional cleaning.
9. The equipment has moving parts.
10. The equipment is prone to failure before overall obsolescence of the system it serves.
11. The equipment is of a type itemized in the NETA, Maintenance Testing Specifications.
12. The equipment requires inspection, testing, and maintenance in accordance with NFPA codes and standards.
13. The equipment requires maintenance in accordance with any other provision of this Contract.
14. The contractor shall schedule preventive maintenance on new equipment in the NCMMS system when the extended maintenance service is completed by the installer and ensure that all pertinent warranty information and proposed maintenance plans are sufficient to uphold our obligations under the warranties.

The Contractor shall not use any Contractor-proposed preventive or predictive maintenance standards or guides or any of the Public Buildings Service Operations and Maintenance Standards guides to perform inspections, testing, and preventive maintenance on fire protection and life safety systems and equipment. The Contractor shall be required to use the NFPA Codes and Standards specified in this document to perform inspections, testing, and preventive maintenance of fire protection and life safety systems and equipment. In addition, the Contractor shall be required to follow the specific testing and inspection frequencies and methods specified in such NFPA Codes and Standards. The Contractor shall record such inspection and testing services on the appropriate NFPA inspection and testing forms

C.6.22.2 APPLICATION OF DIAGNOSTIC SOFTWARE

GSA is fielding diagnostic and optimization software to detect problems and inefficiencies in equipment operation. The Contractor shall act on the recommendations of such diagnostic and optimization software reporting. This may include using the results of the diagnostic and optimization software to manually generate a work request, or to respond to a work request automatically generated by the diagnostic program application. The failure of the Government to implement such diagnostic programs does not relieve the Contractor of responsibility for detecting, diagnosing, and correcting deficiencies and inefficiencies. Contractors involved in diagnostic software programs shall provide status updates of diagnostic results and attend monthly meetings to report and troubleshoot diagnostic test results.

C.6.22.3 BAS CONTROL SYSTEMS

Control systems shall be maintained as designed. The Contractor will be responsible for maintaining BAS hardware and software. Contractor must provide all security patches and minor software revisions for BAS Server, Client and Controllers. Contractor must maintain all certifications, registration, license or service agreements with BAS manufacturer to receive patches and revisions. If the contactor is not capable of maintaining the patching and updating of the system, they will be responsible for a maintenance agreement with a sub-contractor (commonly known as System Integrator) that is capable of performing the patch/updated software work. Patching should happen within 90 days of manufacturer's official release and GSA Building Manager and GSA Public Buildings IT Services shall be notified when patching is applied.

The Government may upgrade or change control system software or reprogram control systems during the performance period of the Contract. If the Government provides operator level training and operator level documentation for the Contractor's use, the Contractor shall not claim additional payment for changing to the new or upgraded software or control programs. The Contractor will not modify sequences of operation or control programs or run systems manually without prior approval of the CO or their designee and regional subject matter expert (SME).

Contractor services for BAS shall follow the recommendations and requirements of the GSA Best Practices for Building Automation System Technicians. The latest version is provided as an exhibit.

C.6.22.3.1 BAS OPERATING STANDARDS

All computers networked with building monitoring and control systems located inside GSA facilities, or which provide storage of and/or access to GSA data, which includes data related to energy usage, industrial systems controls, physical access controls, lighting controls are required to be hosted exclusively on GSA's physical network and system infrastructure, unless otherwise accepted. The contractor shall maintain the following minimum standards:

C.6.22.3.2 GSA-HOSTED SYSTEMS REQUIREMENTS

1. All building monitoring and control systems, applications and devices will be implemented as designated in the P100 (2015 or current version) and the PBS Building Technology Policy. Additionally, all government IT systems are required to meet FISMA standards for IT security.

a. All building systems software (server and client) will be hosted on Government furnished equipment (GFE). This may include GSA virtual server or GSA provided desktop/laptop workstations
b. All IP traffic is managed by GSA, and IP addresses as well as all routing and switching equipment will only be furnished exclusively by GSA.
c. All vendors provided software that has an End User License Agreement must be presented to and approved by GSA Office of the General Counsel before that software is purchased.
d. Operations and Maintenance contractors will be responsible for supporting all cabled pathways to include copper and fiber cabling, necessary to enable IP network communication among system devices and network components, to include all break/fix requirements. All new cabling, to include break fix, should be done in accordance with PBS Telecommunications Distribution and Design Guide.
e. Operations and Maintenance contractor is responsible for software, licenses and security updates to all vendor provided systems devices. In addition Contractor shall provide all security patches and minor software revisions for BAS, Client and Controllers.

f. Operations and Maintenance contract staff must receive preliminary favorable and ultimately completely favorable adjudication of their National Agency Check with Inquiries clearance in accordance with the HSPD-12 directive to obtain a GSA ENT user credential, which is required for all system access.
g. At no time should a GSA hosted building monitoring and control systems be made accessible to the public internet or via any 3rd party network connection.
h. The Contractor shall be aware of building systems running on GSA IP Enterprise Network and capable of initiating troubleshooting if network communications is suspect. This means being familiar with procedure for logging GSA IT Help Desk ticket and following up to ensure ticket is being worked by assigned party.

C.6.22.3.3 EXCEPTED SYSTEMS REQUIREMENTS (NOT HOSTED ON GSA'S SYSTEM INFRASTRUCTURE)

1. An approved antivirus software subscription shall be kept in effect and the software used at all times.
2. All internet connectivity to the building control systems must be approved by GSA's Office of the Chief Information Officer.
3. All vendors provided software that has an End User License Agreement must be presented to and approved by GSA Office of the General Counsel before that software is purchased.
4. Contractor personnel shall be prevented from using the system to connect to Web sites not reasonably related to building operations.
5. Antivirus and spyware scans shall be conducted monthly.
6. The Operations and Maintenance contractor is responsible for keeping all workstation and server operating systems updated, to include Windows (or other operating system), JAVA, Adobe and all other standard software. Critical updates shall be downloaded and installed monthly.
7. Complete data backup to a CD, DVD or flash drive, to include trend logs and control software, shall be conducted whenever a software or programming change is made but no less frequently than monthly.
8. Disk drive maintenance to include defragmentation shall be performed quarterly
9. Operations and Maintenance contractor is responsible for software and security updates to all vendor provided systems devices.

C.6.22.4. REPORTING

The Contractor is responsible for notifying the Government if a sequence of operations, equipment or schedule is not operating as designed or at the highest efficiency and resulting in unnecessary energy use. This deficiency may be identified by BAS trending, GSAlink, or Contractor's tours. All deficiencies shall be reported to the CO or their designee immediately and documented in the monthly report. The Contractor is also responsible for correcting any deficiency identified. The Contractor is responsible for retaining an adequate level of expertise to manage the control systems. This may require changing sequences of operations, calibrating sensors or adjusting schedules. If the Contractor does not have a manufacturer trained or equivalent BAS operator onsite, the Contractor shall enter into a subcontract, including regular scheduled support (not merely support on a contingency basis), or remote access; with a firm that has these skills. This subcontract shall include regularly scheduled maintenance including sequence of operation tuning, calibration; BAS log review and other BAS system maintenance. Reporting, log reviews, and operations checklists shall be done and provided in accordance with "GSA Best Practices for Building Automation System Technicians."

C.6.22.5 SMART BUILDING TECHNOLOGY

RESERVED

C.6.22.6 ONGOING COMMISSIONING/RE-TUNING

The contractor shall conduct the six-step re-tuning procedure described in the Pacific Northwest National Laboratory (PNNL) (http://retuningtraining.labworks.org/training/lms/) once in the six-month Base Period of the contract during the cooling to heating transition period. These Base Year re-tuning costs shall be included in Line Item 004 ("Mechanical Maintenance and Repair Services"). The guidelines provided by PNNL for reviewing a representative sample of building systems and equipment shall be followed. If contractor does not have adequate level of expertise to complete re-tuning, all requirements must be included in BAS maintenance sub-contract. The contractor is required to submit evidence that the training has been completed and a full report after each re-tuning effort identifying what actions were taken because of the re-tuning. The Government will determine whether or not to exercise the Line Items (1031, 2031, 3031, and 4031) for this annual re-tuning (be performed during the seasonal transitions from cooling to heating and from heating to cooling) for each Option Year based on building operations.

C.6.23 WATER TREATMENT

C.6.23.1 GENERAL

The Contractor shall provide equipment, chemicals, and services (including application) required to control corrosion, scale, algae, and bacterial growth in all HVAC equipment and systems throughout the building. The Contractor shall be responsible for conformity with all pertinent Local sanitation district regulations, air quality district regulations, and other environmental regulations. Water treatment shall be performed and safety equipment (e.g., emergency eyewash stations) maintained in accordance with OSHA standards.

C.6.23.2 TOLERANCE

Water shall be kept within tolerance bands in accordance with **Exhibit 9 Water Treatment**.

C.6.23.3 INITIAL REPORT AND DEVELOPMENT OF PROGRAM

The Contractor shall perform a comprehensive initial water treatment analysis (laboratory analysis) within the first month of the Contract to assist in developing the water treatment plan. The Contractor shall propose a water treatment plan to be approved by the CO or designee.

C.6.23.4 COOLING TOWER WATER MANAGEMENT PLAN

The Contractor shall perform a comprehensive water treatment per the appendix in Exhibit J.15. This exhibit establishes mandatory standards for water in HVAC and domestic water systems in GSA facilities, along with information related to the intent of the standards and guidelines that in most circumstances can be used to construct a water treatment program.

C.6.23.5 CORROSION MONITORING

The Contractor shall install coupon racks, or an equivalent electronic monitoring system for corrosion, in condenser water loops, heating hot water loops, and the building main chilled water loop, if not already present, not later than 30 calendar days after submission of the water treatment plan (For the primary condenser water system, the installation of the water treatment monitoring system described elsewhere in this document meets this requirement). The Contractor shall propose the type and manufacture of the

proposed coupon racks to be installed to the CO or their designee for final approval before installation. If coupon racks are present the Contractor may use such existing equipment, but is responsible for bringing it into conformity with all requirements in this document. The minimum quantity of coupons and frequency of inspections shall be described in the water treatment plan. Laboratory analysis of coupons shall be no less frequent than quarterly for major systems (e.g., primary building condenser and chilled water loops, as opposed to specialized systems serving limited areas), and annually for other systems. At a minimum, two coupon racks shall be installed for each loop, and used to monitor mild steel and copper. Coupon racks will be the property of the Government upon installation. The Contractor shall have responsibility for maintaining (and if necessary replacing) the coupon racks for the duration of the Contract. The liability threshold for repairs does not apply to this equipment; the Contractor has full responsibility. Acceptable corrosion rates are established in the most current Public Buildings Service Operations and Maintenance Standards. Molybdenum shall not be used in GSA buildings.

See Section C.6.29.3 Water-Based Fire Protection Systems, which references NFPA 25 for information regarding evaluating corrosion of water-based fire protection systems. Contractors during their inspection of water-based fire protection systems shall verify such systems are free from corrosion.

C.6.23.6 MONTHLY TESTING

The contractor shall provide a qualified independent contractor water treatment specialist to draw a set of water samples monthly. Tests shall be performed as described in the water treatment plan and tests shall be submitted by the contractor in the NCMMS as an attachment to the work order. Samples shall be analyzed and a monthly report containing all pertinent information, relative to the conditions found, shall be submitted to the CO or their designee with the monthly progress report. In facilities where makeup water is metered, makeup water quantities used shall be tracked and reported. Types and quantities of chemicals used shall be tracked and reported.

C.6.24 OIL ANALYSIS AND OIL CHANGES

C.6.24.1 PERIODIC OIL ANALYSIS

The Contractor shall establish and implement an oil analysis program incorporating the manufacturer's recommendations. Documentation shall include periodic oil analysis tests to be performed at least annually, diagnostic standards, and thresholds for oil changes. Oil analysis shall be conducted to maintain a consistent methodology for data collection, analysis, and historical trending. Periodic oil analysis shall include, but is not limited to, chillers of 50 tons or greater cooling capacity. Periodic oil analysis shall be performed prior to annual maintenance requirements so that results may be considered in performing maintenance. When testing is performed, the Contractor shall submit a written report with the next monthly progress report. Where oil analysis indicates a need for corrective action, an appropriate work order shall be created in the NCMMS and the appropriate corrective action taken by the Contractor.

C.6.24.2 OIL AND REFRIGERANT ADDITIVES

Oil and refrigerant additives shall not be used.

C.6.25 LAMPS AND BALLASTS

The Contractor shall replace failed lamps, to include appropriate ballasts if required, with the most efficient products available in accordance with existing building standards defined by the P100 or CO or designee. In lieu of such standards, lamps shall be replaced with the most efficient products available

matching type and color temperature. The Contractor shall establish and implement a lamping and ballasts recycling program for fluorescent tubes and light bulbs in accordance with Environmental Protection Agency (EPA) and GSA standards.
The use of bulb crushers is strictly prohibited.
All handling, storage, labeling and disposal of mercury containing tubes and bulbs shall be in compliance with Universal Waste Rule guidelines (http://www.epa.gov/osw/hazard/wastetypes/universal/index.htm)
The Contractor shall maintain the mercury content of all mercury-containing lamps below 75 pictograms per lumen hour, on weighted average, for all mercury-containing lamps acquired for the existing building and associated grounds. Screw-based compact fluorescent lamps may be excluded from this calculation if they meet the voluntary standards by NEMA. If the Contractor cannot find replacement lamps to meet this requirement while maintaining building standard lighting, the Contractor shall immediately bring this to the attention of the CO or designee. The Contractor shall maintain documentation of all purchases of mercury-containing lamps and provide the information within the monthly progress report to the CO or designee.

C.6.26 ARCHITECTURAL AND STRUCTURAL SYSTEMS MAINTENANCE

C.6.26.1 GENERAL

The Contractor shall maintain, repair, replace, modify, and restore all of the architectural and structural components of the building. In general, these components include walls, floors, doors, windows, docks, levelers, lighting, and all items that are part of or otherwise associated with them. The Contractor shall conduct routine inspection and minor maintenance and repair of interior and exterior architectural and structural systems components. All replacement items and parts shall be either the same quality or better than the manufacturer's original parts.

C.6.26.2 MAINTENANCE AND REPAIR

The Contractor shall perform all architectural and structural maintenance and repairs or replacements to all equipment, electrical and mechanical systems, structures, architectural finishes, and utilities, located on, within, or beneath, this facility's interior and exterior extending to the legal property line**.** The Contractor shall ensure the building is free of missing components or defects that could affect the safety, appearance, or intended use of the facility or could prevent any electrical, mechanical, fire protection and life safety, plumbing or structural system from functioning in accordance with its design intent.

C.6.26.3 REPAIR AND REPLACEMENT WORK

Repair and replacement work shall be complete, including touch-up painting and operational checks. The quality of the work shall ensure that repaired areas are fully compatible with and match adjacent surfaces or equipment. All replacement items shall be consistent with design documents and match existing equipment in quality, dimension, and material, quality of workmanship, finish, and color.

C.6.26.4 PAINTING

Painting is considered "touch-up," for purposes of this Contract, when it is to repair a specific damaged area of paint. Painting should extend to logical break points such as the floor ceiling corner, doorway etc. to avoid a patched look.

Repainting to correct for normal wear and tear to painted surfaces over time is not required. Restriping of parking areas, driveways, roads, and vehicle inspection areas is required where striping is damaged or

worn in a specific location, but not for general wear and tear of a large area over time. Repairs to pavement are required where a specific location is damaged but not where an extensive area is degraded. Painting in mechanical areas needed for OSHA compliance, consistent equipment appearance, or other safety reasons is required. If the Contractor must disturb materials he suspects may contain lead-based paint, the Contractor must immediately report the condition to the CO or designee. The machinery rooms including floors and the equipment located within the machinery rooms shall be painted as necessary to maintain the appearance of the room and equipment. When painting, the contractor must comply with the ANSI color coding system outlined in the ANSI A13.1, Scheme for the Identification of Piping Systems, and maintain the identity (identification number) of the equipment.

C.6.26.5 INTERIOR SIGNAGE AND DIRECTORIES

The Contractor shall maintain and update building directories, to include electronic directories and tenant common corridor signage but not electronic directories that belong to our building tenants. The Contractor shall repair damaged interior or exterior signage in accordance with the repairs provisions in this document. Other changes to interior or exterior signage may be ordered from the Contractor as reimbursable items under the additional services provisions in this document.

C.6.26.6 FINISHES MAINTENANCE

The Contractor shall ensure finishes are maintained to the manufacturer's specifications and levels that preserve a professional appearance and the integrity of the protected surface. The Contractor shall provide touch-up paint on repaired surfaces that seamlessly matches the surface and condition prior to degradation and repair.

C.6.26.7 HISTORIC BUILDING PRESERVATION

C.6.26.8 The CO or their designee shall identify any artworks in the building that are part of GSA's Fine Arts Collection during Contract start-up phase. The Contractor shall operate the facility to protect the Fine Arts Collection from environmental and security risks, ensure artwork is not damaged during the normal operation and maintenance of the facility, and protect pieces of the Fine Arts collection if they are involved in special events, maintenance, facility renovations or repairs.

C.6.26.8 VERTICAL TRANSPORTATION AND ASSOCIATED EQUIPMENT

The Contractor is responsible for maintaining fire protection equipment and systems and ventilation and exhaust systems within hoistways, elevator lobbies, and elevator machine rooms.

The Contractor is responsible for maintaining lighting, electrical equipment not directly part of elevator systems, and HVAC systems associated with elevator machine rooms and systems.
Descriptions of and requirements for maintenance of vertical transportation systems is outlined in the Elevator Maintenance Services document.

C.6.26.9 FLAG PROCEDURES

The Contractor will raise, lower, and place at half-staff the United States Flag, Agency pennants, and other flags (POW flag). This service shall be provided when directed by the CO or their designee and shall comply with requirements in the Flag Policy. The Contractor is responsible for disposing flags in compliance with all federal, state, and local regulations (See Exhibit 24.)

C.6.27 REPAIRS

C.6.27.1 GENERAL

The Contractor shall perform reimbursable and non-reimbursable repairs as described in this document. Repairs are handled on a shared liability basis (See shared liability math example in C.6.27.3 Reimbursable Repairs). Relatively small value repairs (non-reimbursable repairs) are the responsibility of the Contractor in their entirety, and larger repairs (reimbursable repairs) shall be approved and funded by the Government for the cost amount above the Contractor threshold. If damage is caused by Contractor negligence, the Contractor shall be liable for the full cost of repair, any other provisions notwithstanding. The intent of this Contract is to ensure that most repairs will be accomplished by in-house Contractor personnel. However, the Government recognizes that occasionally there are certain specialized repairs that require specialized skills outside the skill sets of the in house O&M personnel. If the Contractor identifies a repair that they believe is of such a specialized nature that a specialized subcontractor is required to properly complete the repair, the Contractor shall provide written justification in advance, to the CO or designee, for approval of the need to use a subcontractor. The Contractor shall not use subcontractors to perform non-reimbursable repairs unnecessarily or with the intent of driving up the repair cost so the Government shall cover part of it. If approved, the cost of the subcontractor's labor and material will be treated as a repair part for the purposes of calculating the repair threshold. The subcontractor's cost shall be fair and reasonable and approved in advance by the CO or designee. All repairs shall use supplies, materials, and parts of the highest quality available that are appropriate for the repair of the given equipment or system. Any replacement parts used during the course of this Contract shall be of comparable or higher quality. Energy-consuming items shall be the most efficient in their class. The Contractor shall stock commonly used items and have a network of suppliers that will deliver ordered items without any delay. Any replacement motors shall be of premium efficiency. Whenever motors are replaced, motor size shall be recalculated and replacement motor selection shall reflect the appropriate size.

The contractor shall notify the CO or designee at least 1 week in advance of any scheduled repair work that would be disruptive to building occupants or interfere with normal operations. Those repairs shall be performed outside of Standard Building Occupancy Hours.

C.6.27.2 NON-REIMBURSABLE REPAIRS

A non-reimbursable repair is a repair requiring no more than **$5,000.00** in cost for repair parts and materials only (including any approved subcontracting costs). The cost of consumable parts and materials shall not be calculated as part of the Contractor's repair parts and material costs. Non-reimbursable repairs are entirely the Contractor's responsibility with no reimbursement from the Government. Non-reimbursable repairs shall be completed within **48 hours** of identification of the problem unless an extension is approved by the CO or designee. The work order shall be put into an appropriate status in NCMMS to indicate the nature of any delay, with necessary remarks.

C.6.27.3 REIMBURSABLE REPAIRS

Reimbursable repairs will be identified as single incident, not an accumulation of various repairs (bundling). If a repair exceeds the non-reimbursable repair cost threshold established above and has been approved and verified by the CO or designee, it becomes a reimbursable repair. Reimbursable repairs are reimbursable to the Contractor, once approved by the CO or designee, for the portion (shared

liability) of the cost exceeding the non-reimbursable threshold of **$5,000.00** (See repair shared liability example below)

C.6.27.4 MISCELLANEOUS WORK

The Contractor shall provide **30 hours** and up to **$250.00** of parts and supplies per calendar month (hours and dollar amounts are cumulative to succeeding months) when requested by the CO or designee, to accomplish discretionary work in the buildings covered by this Contract. The Contractor shall furnish the labor, tools and consumable materials as necessary to perform the work. Miscellaneous work may be required for work that makes use of any of the trades normally employed in performing operations and maintenance services under this Contract and does not include tasks associated with the performance of services covered under the scope of this Contract. The Contractor shall create and process NCMMS work orders for all miscellaneous work, and accurately record hours of labor expended.

C.6.27.5 REPAIR SHARED LIABILITY EXAMPLE:

A repair is identified and estimated by the Contractor to cost $5,700.00 for repair parts and materials only. The CO or their designee will verify and approve both the need for the repair and the $5,700.00 estimated cost of repair parts and materials. In this example, the Contractor will pay the first $5,000.00 of the repair and GSA will pay the remaining $700.00.

Total estimated approved cost for repair parts and materials to complete repair	$5,700.00
Contractor's shared liability amount to be subtracted (same amount as the non-reimbursable threshold)	-$5,000.00
Total to be paid by GSA to the Contractor for the repair	$ 700.00

The required completion date for reimbursable repairs shall be established when the CO or their designee approves the work, as mutually agreed upon by the CO or their designee and the Contractor. The Contractor shall attempt to complete work as promptly as feasible. Immediately upon identification of a reimbursable repair, the Contractor shall create a work order in the NCMMS and defer it by putting it in a "hold" status.

C.6.27.6 APPROVAL OF WORK

When the Contractor determines that a repair is needed that exceeds the non-reimbursable repair threshold, the Contractor shall immediately notify the CO or designee. The CO or their designee shall issue a task order to the Contractor before the Contractor may proceed with the repair. The Contractor may defer performance of the reimbursable repair by placing the corresponding work order into a "waiting for funding" status from the time a valid proposal is given to the CO or their designee until the time an order is given to the Contractor. The time during which the work order is thus deferred will not count against the Contractor in calculating timeliness. The CO or their designee may prohibit the use of subcontractors if the CO or their designee determines the Contractor is unnecessarily driving up the cost of the work and the Contractor's own employees have the skills necessary to perform the work.

C.6.27.7 INVOICING

The Contractor shall invoice the Government for completed reimbursable repairs authorized in writing, on a single itemized and consolidated invoice at the end of each month of performance. If the Contractor directly purchased parts or components, copies of receipts shall be attached. Reimbursable repairs

authorized by task order may be invoiced separately upon completion and acceptance of work. Invoices shall also contain references to NCMMS work order numbers.

C.6.27.8 ORDERING REPAIRS FROM OUTSIDE SOURCE

The Government reserves the right to order repairs from an outside source. If the repair is a reimbursable repair, the Government will inform the Contractor of the outside source's price, and deduct **$5,000.00**, or the outside source's price, whichever is less, from the Contractor's payments.

C.6.27.9 FORCE MAJEURE (UNCONTROLLABLE EVENTS)

Deficiencies or breakdowns caused by vandalism, misuse, abuse, or acts of God including natural disasters are fully reimbursable. The Contractor will be reimbursed under the additional services provisions described in this document or the Government will have the work performed by other means at no cost to the Contractor.

C.6.27.10 WARRANTIES

The Contractor shall contact installers or manufacturers, as appropriate, for work that is covered under a warranty and maintain records of warranty service. Warranties for equipment are to be tracked within the NCMMS. The Contractor shall avoid actions that would invalidate a warranty, unless authorized by the CO or designee. If an installer or manufacturer fails to comply with the terms of a warranty, the Contractor shall immediately notify the CO or designee.

C.6.27.11 QUALITY OF MATERIALS AND REPLACEMENT PARTS

Replacement components and materials shall be of similar or better quality than the components replaced, considering energy efficiency, operational characteristics, power quality, control and data acquisition, maintainability, and durability. The CO or their designee may require replacement of components with components from the same manufacturer to maintain consistency throughout the building. Materials and parts that are visible to building occupants shall be to building standard and maintain the same appearance as similar materials and parts in the occupied space. Components of control systems shall be replaced so as to maintain the tie-in to the control system with no degradation of data throughput, memory, point capacity, data acquisition, or programmability. Motors shall be replaced with premium efficiency motors as defined by the NEMA MG-1 standard or in compliance with Local utility guide demand-side management rebate guidelines old transformers shall be replaced with NEMA-rated class one efficiency transformers in accordance with the NEMA TP-1 standard. Replacement of variable frequency drives shall be done in accordance with recommendations found in NEMA, Application Guide for AC Adjustable Speed Drive Systems. Energy Star-rated equipment shall be installed where available and when there is no engineering or operational reason not to select an Energy Star product.

C.6.28 SAFETY AND ENVIRONMENTAL MANAGEMENT

C.6.28.0 REFRIGERANTS

C.6.28.1 CONTROL AND CERTIFICATION

The Contractor shall control refrigerants and maintain records in accordance with EPA, GSA**,** and air quality management district standards. The Contractor shall take appropriate immediate action and report leaks to the CO or designee. The Contractor shall maintain and test refrigerant monitors, alarms and purge ventilation systems as part of the maintenance program. Testing shall use appropriate media to test

sensors as well as alarm circuitry. Refrigerant control logs shall be updated as required, and a copy sent to the CO or designee. The Contractor shall also maintain a set of logs onsite and make this set of logs available to government inspection.

C.6.28.2 CERTIFIED HANDLERS

Contractor employees who come into contact with refrigerants in the course of their duties shall be certified to handle such refrigerants (EPA Section 608 Technician Certification Program). If equipment containing chlorofluorocarbon (CFC) or hydro chlorofluorocarbon (HCFC) refrigerants is removed from operation under this Contract, the Contractor shall recover all refrigerant in the equipment, seal it in appropriate storage containers, reclaim and reuse it as directed by the CO or designee, or dispose of it within EPA guidelines. In the event of fines or penalties levied by the EPA or an AQMD, the Contractor may be charged the cost as a performance deduction under the Adjusting Payments clause.

C.6.28.3 LOCAL AIR QUALITY MANAGEMENT OPERATING PERMITS

The Contractor shall be familiar with the requirements of the Local Air Quality Management District (AQMD), and shall ensure operating permits for boilers; generators and other emissions-producing equipment regulated by the district are up to date and have copies available to the CO or designee. In the event of fines or penalties levied by an AQMD, the Contractor may be charged the cost as a performance deduction under the Adjusting Payments clause.

C.6.28.4 FUEL STORAGE TANKS

The Contractor shall comply with the GSA Fuel Storage Tank Management PBS 1095.2 and all Federal, State, and Local regulatory requirements for the periodic inspection, monitoring, permitting, certification, registration, maintenance, personnel training and recordkeeping for underground and/or above ground storage tanks. Where the GSA Policy and regulatory requirements differ, the more stringent directive shall apply.

C.6.28.5 POLYCHLORINATED BIPHENYL (PCB) CONTROL

The Contractor shall inspect all transformers containing polychlorinated biphenyls (PCBs) and maintain records of such inspections in accordance with State, Local, and EPA regulations. The CO or their designee shall be notified immediately if any such equipment is found to contain PCBs, or suspected to contain PCBs. Equipment verified to contain PCBs, except lighting ballasts, shall be labeled as containing PCBs. Any transformer leaks of PCBs shall be reported immediately to the CO or designee. The Contractor shall inspect all leaks in accordance with State, Local, and EPA regulations. The Contractor shall properly dispose of caulk that contains PCBs. The Contractor shall take immediate action to contain all leaks. There may be light ballasts containing PCBs in the buildings covered by this Contract. Replacement and proper disposal of all burned-out ballasts, including PCB ballasts, shall be the responsibility of the Contractor. Fluorescent lamps, batteries, and other items in any quantity subject to the Universal Waste Rules for Hazardous Waste Management and disposal shall be recycled or disposed of properly.

C.6.28.6 FACILITY HAZARDS

The Contractor shall assist in identifying facility health and safety hazards and report all hazards in writing to the CO or their designee on GSA Form 3614, GSA Notice of Unsafe/Unhealthful Workplace Conditions. The Contractor shall take immediate action to control hazards that present an imminent danger.

C.6.28.7 WORKPLACE SAFETY

The Contractor shall develop a site-specific occupational safety and health program specifically addressing applicable components of 29 CFR 1910 and 29 CFR 1926. The safety and health program shall be submitted to the CO or their designee for review and approval **30 days** after award. By approving the program, GSA assumes no responsibility for the Contractor's occupational safety and health program.

C.6.28.8 ELECTRICAL SAFETY

The Contractor shall comply with National Fire Protection Association (NFPA) 70: National Electrical Code and NFPA 70E: Standard for Electrical Safety in the Workplace, when working on or around electrical equipment or systems or switchgear equipment. The Contractor shall ensure that any and all areas restricted to qualified personnel are secured and properly labeled.

C.6.28.9 FALL PROTECTION

The Contractor shall develop specific fall protection procedures for work on roofs, equipment, and other areas at elevation. The Contractor shall ensure fall protection equipment is provided to their employees and that employees are adequately trained.

C.6.28.10 POWERED PLATFORMS

The Contractor shall inspect, test, and maintain all permanently installed powered platforms in accordance with 29 CFR 1910.66, and provide copies of such certifications to the CO or designee.

C.6.28.11 LOCKOUT/TAGOUT

The Contractor shall develop a lockout/tag out program in accordance with 29 CFR 1910.147. The program shall include all anticipated energy sources, including but not limited to, electricity, steam, pressurized fluids, and mechanical energy. The Contractor shall communicate the Lockout/Tagout program to all other affected Contractors.

C.6.28.12 CONFINED SPACES

The Contractor shall identify and label all confined spaces in accordance with OSHA requirements. Contractor shall record all identified confined spaces in the NCMMS as hazards.

C.6.28.13 ASBESTOS MANAGEMENT

RESERVED

C.6.28.14 BOILER/PRESSURE VESSEL OPERATION AND INSPECTION STANDARDS

C.6.28.14.1 BOILER OPERATION AND INSPECTIONS SHALL BE IN ACCORDANCE WITH APPLICABLE CODES AND REGULATIONS INCLUDING BUT NOT LIMITED TO:

1. ASME Boiler and Pressure Vessel Code.
2. National Board Inspection Code.
3. Environmental Protection Agency and Local AQMD requirements.
4. ASME CSD-1, Control & Safety Devices for Automatically Fired Boilers.
5. NFPA 85, Boiler and Combustible Systems Hazards Code.

C.6.28.14.2 INSPECTIONS AND TESTS

Boiler inspections shall include internal and external (operating) inspections and tests described in Chapter 2, Inspection of Boiler and Pressure Vessels, of NBIC. The Contractor shall require the inspector to complete GSA Form 349 (Inspection Report of Boiler) or an equivalent approved form for each boiler inspected. The Contractor shall have unfired pressure vessels with design operating pressure in excess of 60 pounds per square inch (psi) and a capacity in excess of 15 gallons inspected annually. The Contractor shall complete GSA Form 350 (Inspection Report of Unfired Pressure Vessels) or an equivalent approved form for each unfired pressure vessel inspected. A GSA Form 1034 (Certificate of Inspection) or an equivalent approved form shall be completed and posted on or near the equipment. Inspections shall be made by inspectors certified by the National Board of Boiler and Pressure Vessel Inspectors, who shall be employed by an independent firm specializing in boiler and unfired pressure vessel inspections. A scanned copy of this form is to be uploaded into the NCMMS and attached to the boiler asset.

C.6.28.14.3 BACKFLOW PREVENTION DEVICES

The Contractor shall maintain all existing backflow prevention devices and certify them as prescribed by Federal, State, and Local laws, ordinances, and regulations. If no Local requirement exists, a certified inspector shall inspect all existing backflow prevention devices on an annual basis, record the inspection as a work order in the NCMMS and provide certification of proper operation to the CO or designee. While the Government will generally pass on to the Contractor backflow testing notices received from Local water districts or other Local authorities, the Contractor is responsible for timely completion and submission of such test results regardless of receipt of such notices. In addition to other requirements, backflow prevention devices used on water-based fire suppression systems shall be inspected, tested, and maintained in accordance with NFPA 25.

C.6.28.14.4 POTABLE WATER SYSTEMS

The Contractor shall comply with The Safe Drinking Water Act, PL 99-339, as amended, and the Environmental Protection Agency Safe Drinking Water regulations (40 CFR 141.43, Sections A and D), which address the quantity of lead allowable in new installations or repairs to existing drinking water systems and or plumbing. Potable water systems that are repaired, modified, serviced, or breached in any way shall be disinfected and flushed as needed prior to returning the system to service. Contractor is required to comply with all Federal, State, and Local codes in the operation, treatment, and testing of potable water systems.

C.6.28.15 LABELING AND SIGNAGE

The Contractor shall maintain the labeling of existing equipment, pipes, storage areas, containers, confined space, and workspaces as well as associated signage, in accordance with OSHA standards to ensure labels are visible and not obliterated. Any equipment, pipes, etc., newly installed by the Contractor require labeling and signage per OSHA standards shall be labeled immediately upon completion of the installation and maintained throughout the Contract period.

C.6.28.16 ROOF ANCHORAGE POINTS

The Contractor shall provide for an annual inspection of designated roof anchorage points by qualified personnel. Anchorages shall be inspected in accordance with the anchor manufacturer's requirements and additional requirements contained in the installation certification. Copies of the inspection reports shall be provided to the CO or designee. If an area of suspicion is identified, the anchorage shall be

tagged “out of service” and immediately reported to the CO or designee. ANSI/IWCA I-14 may be consulted for further guidance.

C.6.29 FIRE PROTECTION AND LIFE SAFETY EQUIPMENT AND SYSTEMS

The contractor shall be required to use the NFPA codes and standards specified in this document to perform inspections, testing, and preventive maintenance of fire protection and life safety systems and equipment. The contractor shall not use any contractor-proposed preventive or predictive maintenance standards or guides or any of the public buildings service operations and maintenance standards guides to perform inspections, testing, and preventive maintenance on fire protection and life safety systems and equipment.

C.6.29.1 GENERAL

Each of the requirements listed below shall apply to all of the paragraphs in Section C.6.29 The Contractor is responsible to utilize the latest edition of the applicable NFPA code or standard, in effect at the time of contract award, throughout the term of the contract.

1. The Contractor shall ensure all fire protection and life safety systems and equipment are kept operational at all times, except while being tested or repaired.
2. The Contractor shall ensure all maintenance and preplanned impairments of the fire protection and life safety systems and equipment have been authorized and approved by the CO or their designee prior to the Contractor performing any work.
3. The Contractor shall utilize technicians that meet the applicable requirements in Section H16.3.
4. The Government reserves the rights to have the Contractor remove any employee that poses a threat to the health, safety, or security of the building occupants.
5. The Government reserves the rights to conduct any test or inspection it deems necessary to ensure all contract performance requirements are being met.
6. The Contractor shall comply with all appropriate safety code requirements. If the Contractor encounters equipment that is in a condition that may endanger life or property, the Contractor shall immediately notify the CO or their designee of the condition requiring immediate action. Within 24 hours following the notification of the CO, the Contractor shall provide to the CO or their designee a written report of the hazardous condition and recommended corrective action.
7. The Contractor is responsible for meeting the inspection and testing frequencies, test methods, and documentation requirement for each fire protection and life safety system referenced in the applicable NFPA code or standard.
8. The Contractor is responsible for providing all tools, supplies, and equipment necessary to properly perform inspections, tests, and maintenance of the fire protection and life safety equipment and systems in accordance with applicable NFPA code or standard.
9. The Contractor shall be responsible to leave areas where they perform work neat, clean, and orderly.
10. The Contractor shall document all inspections, test results, and maintenance performed on the suggested inspection, testing, and maintenance forms referenced in the applicable NFPA code or standard. These completed forms shall be included with the Contractor’s Monthly Progress Report.
11. Any deficiency identified by the Contractor during a required inspection shall be entered into NCMMS as a work order; evidence of correcting such deficiency, unless funding is not available, shall be provided with the subsequent Contractor’s Monthly Progress Report after correction action is completed.

C.6.29.2 FIRE ALARM SYSTEM SERVICES

Services include, but are not limited to; the performance, inspection, testing, and preventive maintenance or repair of a variety of fire alarm and notification systems, equipment and components such as manual alarm devices, smoke and heat detectors, tamper switches, pressure switches, water flow switches, remote and graphic annunciations, main fire alarm panel and components, voice alarm systems, speakers, horns, and other audible and visual devices, wiring circuits and junctions, supervising station alarm system transmission equipment, emergency power supplies and all other ancillary devices that operate related equipment (e.g., HVAC shutdown, dampers, elevator recall, door closing devices and door unlocking devices.

All fire alarm system inspections, tests, maintenance, and repairs performed under this contract shall comply with the NFPA 72, National Fire Alarm and Signaling Code.

Fire alarm system testing, maintenance and repair shall be performed during normal business hours when it does not interfere with building operations. When such testing, maintenance or repair will interfere with building operations; it shall be performed after normal business hours without additional costs to the government, unless approved otherwise by the CO or designee. The Contractor shall provide a fire watch in areas left unprotected or if the system is out of service for more than 4-hours in a 24 hour timeframe. The fire watch shall remain in place until the fire alarm system is completely restored during the performance of routine service and testing procedures. If the system cannot be restored through no fault of the Contractor's, a fire watch still shall be provided until the system is restored, however the Contractor may seek reimbursement for the fire watch with the COR or designee.
It is essential that the Contractor carefully schedule with the property manager and CO or their designee all non-emergency shutdowns of the fire alarm system and that back up protection be provided by the Contractor (e.g., arrangement of additional personnel stationed in the areas affected and at the fire alarm system control panel) any time that the fire alarm system is out of service for more than 4 hours. The affected portion of the system shall be tested to ensure that the protection has been properly restored.

IN NO CASE SHALL THE FIRE ALARM SYSTEM BE LEFT IN A DISABLED CONDITION WITHOUT NOTIFYING THE CO OR THEIR DESIGNEE AND PROVIDING A FIRE WATCH!

C.6.29.3 WATER-BASED FIRE SUPPRESSION SYSTEMS

Services consist of, but are not limited to; the performance , inspection, testing, and preventive maintenance or repair services of all mechanical devices, including valves, sprinklers, couplings, piping, hose connections, water motor gongs and alerting devices, tamper switches, pressure switches, water flow switches, standpipes, backflow preventers, private fire service mains, water storage tanks, fire pumps, and test headers.

All water-based fire extinguishing system inspections, tests, maintenance, and repairs performed under this contract shall comply with the NFPA 25, Inspection, Testing, and Maintenance of Water-Based Fire Extinguishing Systems.

Water-based fire suppression system testing, maintenance, and repair shall be performed during normal business hours when it does not interfere with building operations. When such testing, maintenance or repair will interfere with building operations, it shall be performed after normal business hours without additional costs to the government, unless approved otherwise by the CO or designee. The Contractor

shall provide a fire watch in areas left unprotected or if the system is out of service for more than 4-hours in a 24-hour period. The fire watch shall remain in place until the water-based fire suppression system is completely restored to service during the performance of any routine service and testing procedures. If the Contractor believes they were not able to restore sprinkler service due to circumstance outside of their control, the Contractor may request reimbursement for that portion or the fire watch from the CO or designee.

It is essential that the Contractor carefully schedule with the property manager and CO or their designee all non-emergency shutdowns of the sprinkler system and that back up protection be provided by the Contractor any time the sprinkler system is out of service for more than 4 hours. The affected portion of the system shall be tested to ensure that the protection has been properly restored.
IN NO CASE SHALL THE FIRE ALARM SYSTEM BE LEFT IN A DISABLED CONDITION WITHOUT NOTIFYING THE CO OR THEIR DESIGNEE AND PROVIDING A FIRE WATCH!

C.6.29.4 FIRE-RATED DOOR ASSEMBLIES

Services consist of, but are not limited to, the inspection, testing, and maintenance of all fire-rated door assemblies. All fire-rated door assemblies' inspections, tests, and maintenance performed under this contract shall comply with the NFPA 80, Standard for Fire Doors and Other Opening Protectives. Please note that the inspection of fire-rated door assemblies shall also meet the requirements in NFPA 101, Life Safety Code.

C.6.29.5 FIRE DAMPER AND COMBINATION FIRE/SMOKE DAMPERS

Services consist of but are not limited to, the inspection, testing, and maintenance of all fire dampers, radiation dampers, and combination fire/smoke dampers. All fire damper, radiation damper, and combination fire/smoke damper inspections, tests, and maintenance performed under this contract shall comply with the NFPA 80, Standard for Fire Doors and Other Opening Protectives. Please note that maintenance of combination fire/smoke dampers shall also meet the requirements contained in NFPA 105, Standard for the Installation of Smoke Door Assemblies and Other Opening Protectives.

C.6.29.6 SMOKE DOORS ASSEMBLIES

Services consist of, but are not limited to; the inspection, testing, and maintenance of all smoke door assemblies. All smoke door assemblies inspections, tests, and maintenance performed under this contract shall comply with the NFPA 105, Standard for the Installation of Smoke Door Assemblies and Other Opening Protectives.

C.6.29.7 SMOKE DAMPERS

Services consist of, but are not limited to, the inspection, testing, and preventive maintenance of all smoke dampers. All smoke damper inspections, tests, maintenance, and repairs performed under this contract shall comply with the NFPA 105, Standard for the Installation of Smoke Door Assemblies and Other Opening Protectives.

C.6.29.8 PORTABLE FIRE EXTINGUISHERS

Services consist of, but are not limited to; the inspection, testing, and preventive maintenance of all portable fire extinguishers. All portable fire extinguisher inspections, tests, and maintenance performed under this contract shall comply with the NFPA 10, Standard for Portable Fire Extinguishers.

C.6.29.9 NON-WATER-BASED FIRE EXTINGUISHING SYSTEMS

Services consist of, but are not limited to, the inspection, testing, and preventive maintenance of the following types of non-water-based fire extinguishing systems:

1. Carbon dioxide extinguishing systems, NFPA 12, Standard on Carbon Dioxide Extinguishing Systems.
2. Halogenated extinguishing systems, NFPA 12A, Standard on Halon 1301 Fire Extinguishing Systems.
3. Dry chemical extinguishing systems, NFPA 17, Standard for Dry Chemical Extinguishing Systems.
4. Wet chemical extinguishing systems, NFPA 17A, Standard for Wet Chemical Extinguishing Systems.
5. Fire extinguishing systems, NFPA 96, Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations.
6. Clean agent fire extinguishing systems, NFPA 2001, Standard for Clean Agent Fire Extinguishing Systems.

C.6.29.10 SMOKE CONTROL SYSTEMS

Services consist of, but are not limited to; the inspection, testing, and preventive maintenance of smoke control systems. All smoke control system inspections, tests, maintenance, and repairs performed under this contract shall comply with the NFPA 92, Standard for Smoke Control Systems.

C.6.29.11 EMERGENCY AND STANDBY POWER SYSTEMS

Services consist of, but are not limited to; the inspection, testing, preventive maintenance, and exercising of equipment per the manufacturer's recommendations for the following types of emergency and standby power systems:

- Emergency power supply systems, NFPA 110, Standard for Emergency and Standby Power Systems.
- Stored electrical energy emergency and standby power systems, NFPA 111, Standard on Stored Electrical Energy Emergency and Standby Power Systems.

C.6.29.12 EMERGENCY LIGHTING SYSTEMS AND EXIT SIGNAGE

Services consist of, but are not limited to; the inspection, testing, and preventive maintenance of emergency lighting systems, emergency lighting equipment, and exit signage. All emergency lighting systems, emergency lighting equipment, and exit signage inspections, tests, maintenance, and repairs performed under this contract shall comply with the NFPA 101, Life Safety Code.

C.7 PUBLIC REALM MANAGEMENT AND OPERATIONS

GENERAL ADDITIONAL REQUIREMENTS
PUBLIC REALM MANAGEMENT AND OPERATIONS
General
The contractor shall provide for the coordination and management of visitor services including but not limited to temporary exhibits, permanent exhibits, performances, exhibitions, and scheduling the use of public rooms. The contractor shall include an on-going program for education, tours; and outreach to the local community, the Arts, business and professional entities, cultural and educational institutions. The Final Recommendations of the Federal Courthouse Special Task Force, Creator: Fort Point Channel Citizens Advisory Committee is available to purchase online. This Report should be used for informational purposes to describe the original themes and intent of the public realm. This should be achieved economically through partnering, or sharing resources with other institutions, groups, and organizations. There is approximately 150,000 square feet of space devoted to public uses. The Moakley Courthouse is open to the public from Monday thru Friday during normal operating hours, and on weekends for EVENTS ONLY. Use of the facilities and grounds of the Moakley Courthouse for private or public events are governed by 41 CFR Subpart D Occasional Use of Public Buildings. Contractor shall follow the requirements of CFR and GSA Guidelines for the Occasional Use of Public Space.

The Contractor is responsible for preparing pricing quotes for public realm events as required. Quotes prepared for events are to include, but are not limited to, any costs associated with operating building systems, actual event activities, and security. Additional specifics to quote preparation will be discussed post-award. The costs for any and all activities required coordinating and managing events, preparing pricing proposals, and soliciting event clients are to be included in the monthly contract price.

The three aspects of the Public Realm Program are outlined as follows:
Main lobby, Harbor park entrance & second floor lobby

1. Art Program
    a. Requirements for exhibits are as follows:
        i. Must be displayed in 3 locations (Main Lobby, Harbor Park Entrance & Second Floor Lobby) rotating on a quarterly basis.
        ii. As the main soliciting party the Contractor shall ensure that all art should be appropriate for the site taking note of the nature of the courthouse as a highly public and serious place:
            1. Art displayed may not be political in any way.
            2. Art displayed may not be religious in any way.
            3. All art is subject to Government approval.
        iii. Art displayed should focus on educational or historical themes.
    b. Each request to display artwork is reviewed on a case by case basis.

2. Community Involvement
    a. Groups / Good Neighbor Program
        The Contractor Shall:

i. Participate in neighborhood groups, community groups, task forces, and to interact with those who about the property to advance the goals and priorities of the government in these groups.
ii. Advocate projects that improve the neighborhood while remaining sensitive to the government's needs.

b. Harbor Park

The Contractor Shall:

i. Ensure the harbor park is available for public and private events, and make available specific guidelines for the use of the park.
ii. Network with the community to improve the visibility of the site with the goal of making the park a vibrant part of the Harbor Walk.

3. Private Events

All Public Realm events shall be performed by the contractor as part of the monthly contract price, without additional compensation. Contractor is responsible for the coordination of fees established for the operation of the building equipment and security costs, which is collected from the customer. The onsite cafeteria vendor is the exclusive caterer for all events for the facility and grounds of the Moakley Courthouse. Entertainment must meet the GSA standards. The contractor shall adhere to the federal licensing requirements and the collection and coordination of monetary requirements, set forth in 41 CFR Subpart D Occasional Use of Public Buildings. The contractor is responsible for the coordination of all Public Realm services, i.e.; reserving conference space, building access by the vendor, audio and technical vendors, rental equipment vendors, florist, event planners, the coordination of Musicians, Bands, Performers, Entertainers and, the security and catering for the event. In addition, it is the Government's expectation that everything brought into the Courthouse must be removed that evening and the areas used must be left in the same condition that they were before the event.

a. Marketing

Through various marketing activities the Contractor shall ensure the courthouse continues to develop as a premier venue for private events and functions and the Contractor is to continue to develop this function.

i. The Contractor will propose a robust marketing plan with the goal of further developing the event business for the Courthouse.
ii. The Contractor should develop an appropriate marketing plan comparable to other premier venues in Boston. The marketing should be size appropriate but patterned after venues such as the Hynes Convention Center, the World Trade Center, Rowes Warf, District Hall, Exchange Conference Center, One Financial Conference and Event Center, and the State Room.
iii. The Contractor should be aware of trends in business for the Courthouse and work to increase business.
iv. The Contractor is expected to market the courthouse in appropriate Media outlets such as trade magazines, local newspapers, magazines, the internet, and any other media outlets deemed appropriate.

v. All resources required for marketing are the responsibility of the Contractor

vi. The Contractor is expected to market the courthouse in a way that will continue to maintain and increase as appropriate the number of events per year.
vii. The Contractor shall develop and maintain a website for the purposes of marketing the site and to develop business.

b. Personnel
   i. The contractor shall have personnel to achieve the marketing and business development aspects of the Contract.
   ii. The contractor's personnel for this task are expected to;
   iii. The person responsible for the Public Realm program should be a high caliber individual with extensive experience in the Boston markets. Furthermore they should:

      1. Be responsible for the Public Relations aspects of marketing the courthouse
      2. Plan the events and coordinate logistics for the events.
      3. The contractor shall prepare estimates for events which will be reviewed and included with the licensing package to be reviewed and approved by the COTR. These estimates should be finalized so that the customer knows what the final bill will be when they agree to use the space. There will be no refunds by the Government and additional charges should be billed in addition to the original charges.
      4. Be responsible for the complete cycle of an event including setup and teardown.
      5. The person responsible for the Public Realm program shall:
         a. Have an established network to facilitate business development within the Boston area.
         b. Work with area event coordinators to stay informed of ongoing event schedules.
         c. Have a proven track record of creating business goals, and subsequently meeting and exceeding those goals.

BOAT DOCK MANAGEMENT AND OPERATIONS

General

The Contractor shall perform services related to boat dock management and operations and shall provide for the coordination and management of maritime functions such as the scheduling of visiting ships, "tall ships" management and maintenance of the piers, coordinating of services necessary to support harbor stewardship, water-taxi, small boat "touch and go" uses and excursion boat services; public education programs (with partners from the educational, legal, and maritime communities) encompassing school outreach, mentoring, and guest lectures on maritime history, admiralty law, Boston Maritime Commerce, and so on. All designed to solicit and promote the use of the water sheet in and around the Fan Pier. Final Recommendations of the Federal Courthouse Special Task Force, Creator: Fort Point Channel Citizens Advisory Committee is available to purchase online. (Hard copy reports will be available for review at the pre proposal conference and ongoing at a location that will be specified at the conference). These reports should be reviewed with an emphasis on the themes and intent of the Public Realm. The Government will be looking for creativity in achieving the themes and intent. This should be achieved economically, for example through "partnering", or sharing resources with other institutions, groups, and organizations.

LOADING DOCK MANAGEMENT

General

The Contractor shall perform loading management dock services to support ongoing coordination and management oversight of the loading dock throughout the duration of the contract. This shall include staggered scheduling of deliveries of all goods, public realm event material, and equipment to the building without causing interruption to the local traffic patterns or resulting in any parking around the building.

All recurring building deliveries shall be scheduled in the most efficient manner to prevent delivery and passenger vehicles from parking on Courthouse Way. The contractor shall incorporate an electronic delivery scheduling system to ensure the most efficient deliveries with limited building exterior disruption to traffic on Courthouse Way. Scheduling deliveries will require coordination with the United States Marshals Service (USMS) to establish protocols to ensure the security screening process is efficient and deliveries are safe. The Contractor will also need to maintain open communication and coordination with building tenants, through GSA or otherwise, to ensure smooth and efficient operations. It is also necessary to communicate with the Public Realm event Director and the USMS to manage any event delivery crews.

Emergency response vehicles or contractors responding to an emergency service call are excluded.

C.8 SUBMITTALS (CONTRACT DELIVERABLES)

PRIOR TO THE START OF WORK

DELIVERABLE	SERVICE TYPE	REF	DELIVERABLE DUE (PRIOR TO START OF WORK)	DUE DATE	Rec'd
Section C					
Communication Plan	All	*C.1.1.4*	15 days		
Inventory List of Products (non-hazardous)	All	C.1.12.1	5 days		
Green Cleaning Plan	Custodial	C.1.12	5 days		
Cleaning Schedules -Floor Maintenance -Window Cleaning -Blind Dusting -Work Plan	Custodial	C.5.11	5 days		
Startup/Transition Phase including staffing plan, etc.	All	C.1.6.1	30 Days prior to Contract start date.		
List of key personnel and emergency contact information, which may include subcontractor contacts as applicable	All	C.1.3.1	The Contractor must develop and submit to the CO within 15 days of Contract award.		
Preventive maintenance system.	Operations & Maintenance	C.6.22.1	15 days prior to contract start date.		
Hazardous Materials Inventory	All	C.1.5.3	5 days		
Material Safety Data Sheets (MSDS) with Inventory List of Products	All	C.1.5.3.1	5 days		
Quality Control Program	All	C.4.6	Develop and submit for approval 15 days after Notice of Award.		
Section H					
Security Clearances/Forms	All	H.2	15 days		
Strike contingency plan (SCP) submission.	All	H.21	SCP must be submitted 5 calendar days prior to Contract start date and updated annually.		`
Public Realm Program Plan	General Additional Requirements	C.7	15 days		

AFTER THE START OF WORK

DELIVERABLE	SERVICE TYPE	REF	DELIVERABLE DUE (AFTER START OF WORK)	DUE DATE	Rec'd
Section C					
Periodic IPM Inspection	Custodial	C.5.8	Quarterly		

Existing Deficiency Inspection/Initial Deficiency List	Operations & Maintenance	C.6.0	Report due not later than 30 days after award of the Contract.		
Startup/Transition phase including staffing plan	All	C.1.6.0	Within 15 days of the startup phase.		
List of Environmentally Sustainable Products and Equipment	All	C.1.5.6	5 days		
Initial Pest Assessment	Custodial	C.5.8.2	15 days		
Pesticide Control Plan	Custodial	C.5.8.5	15 days after Assessment or as required by the CO		
Window Washing Safety Plan	Custodial	C.5.3.2.2	10 days		
Snow and Ice Removal Plan with List of Chemical Products	Custodial	C.5.3.3	10 days		
Erosion and Sediment Control Plan (if required)	Custodial	C.5.3.4.0	30 days		
Soil Sample	Custodial	C.5.3.4.3	10 days		
Initial report and development of water treatment program.	Operations & Maintenance	C.6.23.3	Within the first month of the contract		
Electrical safety	Operations & Maintenance	C.6.28.8	Deficiencies must be reported within 30 days after Contract award.		
Labeling and signage.	Operations & Maintenance	C.6.28.15	Labeling program per OSHA standards within 30 business days after start of Contract.		
Safety & Health Program Details	Operations & Maintenance	C.6.28.7	Written plan must be submitted within 30 days after Contract award.		
Workplace safety plan.	Operations & Maintenance	C.6.28.7	A safety and health plan must be submitted for review and approval within 30 days after award.		
Section H					
Written Notice of Designation of Contractor's Representative	All	H.1.1	5 days		
Exposure Control Program	All	H.1.4	30 days		
Request for Sensitive But Unclassified (SBU) information	All	H.7	As required by the CO		
Green Cleaning Training	Custodial	H.13.1	5 days after completion of training		
-Non Bio-based (see Exhibit 7)	All	C.1.12.4	Annually by 31 October		
Asbestos Training Certification	Operations & Maintenance	H.14	Training within 60 calendar days after start. Certify completion within 5 days of training.		
Asbestos Awareness Certification	Operations & Maintenance	H.14	5 days after completion training		
State licensing – if required.	Operations & Maintenance	H.16.17	Within 90 calendar days of beginning employment.		

ONGOING OR RECURRING

DELIVERABLE	SERVICE TYPE	REF	DELIVERABLE DUE	Due Date	Rec'd
Solid Waste/Trash & Recycling Monthly Report. Reserved	Custodial	C.5.7	Reserved		
Establish Reference Library References	Operations & Maintenance	C.6.17	Ongoing		
Review of design documents.	Operations & Maintenance	C.6.18	Review as requested		
Provide Building Management Support Services	Operations & Maintenance	C.1.3.2	Upon Request		
Inspect Space Build-outs	Operations & Maintenance	C.6.19	As required		
Emergency Shutdown Checklist	Operations & Maintenance	C.6.20	Posted in Mechanical / Electrical rooms		
Labeling Electrical Circuits	Operations & Maintenance	C.6.21	Ensure added or modified circuits are labeled.		
Phase out transition.	Operations & Maintenance	C.1.10	On the last performance day of the Contract, Contractor must turn over keys and identification badges or cards.		
Lamps and ballasts containing mercury record	Operations & Maintenance	C.6.25	Report in accordance with Universal Waste Guidelines Document monthly all purchases of mercury-containing lamps within the monthly progress report		
Repairs using subcontractors.	Operations & Maintenance	C.4.3.3	Must provide justification for subcontract need in advance.		
Fire protection systems on line at all times unless approval is given during maintenance periods.	Operations & Maintenance	C.6.29	Advance notification and approval per occurrence. This covers all fire system requirements.		
Equipment inventory update.	Operations & Maintenance	C.6.15	The Contractor must update and verify the equipment inventory on an annual basis.		
Monthly Progress Reports.	Operations & Maintenance	C.1.13	On a monthly basis, not later than the fifth working day of the subsequent month.		
Performance Review Meetings	All	C.1.14	At the discretion of the CO or designee		
Equipment condition assessment.	Operations & Maintenance	C.6.16	On an ongoing basis during the performance of the Contract as requested.		

Emergency service request and callback repair plan report	Operations & Maintenance, Elevator Maintenance	C.1.4.2	Written accounting of any emergency callback the morning of the next working day.		
Fire damper and combination fire/smoke dampers: The Contractor is responsible for meeting the inspection, maintenance, testing frequencies, testing methods, and documentation requirements outlined in NFPA 80 and NFPA 105.	Operations & Maintenance	C.6.29.5	Throughout the year. Documentation of the subject inspection, maintenance, and testing results must be recorded in accordance with the requirements of NFPA 80 and NFPA 105.		
Energy and Water Efficiency	Operations & Maintenance	C.6.1.6	Operational Performance Targets Monthly Energy and Water Efficiency Use Plan Annual Energy and Water Efficiency Use Plan		
Emergency service request or callback after hours.	Operations & Maintenance, Elevator Maintenance	C.1.4.3	Respond to emergency service requests immediately and after hour callbacks within timeframe noted in each section hour		
Urgent service request	All	C.1.4.4	Respond to urgent service requests within timeframe noted in each section hour during regular working hours.		
Routine service request - response extension request.	All	C.1.4.5	Respond to routine service request within timeframe noted in each section. (*Contractor must immediately notify with a written extension request*)		
BAS Monthly Review Checklist BAS Ongoing Seasonal Review Checklist BAS System Calibration Report	Operations & Maintenance	C.6.22.3	Monthly. Quarterly. Annually.		
Monthly water treatment testing or makeup water chemical tracking.	Operations & Maintenance	C.6.23.6	Monthly within the monthly progress report		
Periodic oil analysis.	Operations & Maintenance	C.6.24.1	At least annually, with results submitted within the next monthly progress report		
Warranties not honored by manufacturer.	Operations & Maintenance	C.6.27.1	Contractor must immediately notify CO if an installer or manufacturer fails to comply with the terms of a warranty.		
Reimbursable repairs completion date.	Operations & Maintenance	C.6.27.3	Mutually agreed upon by the CO or their designee and the Contractor.		
Fire alarm system: If the Contractor must disturb materials he suspects may contain ACM.	Operations & Maintenance	C.6.29	The Contractor must immediately report the condition to the CO or designee.		

Hazardous materials: safety data sheets – hazardous materials inventory.	All	C.6.28.16	MSDSs must be made available on request. The Contractor must prepare and submit hazardous materials inventory as an appendix to the building operating plan. This must be updated and resubmitted annually by September 30 of each year.		
Boiler Inspection and Tests	Operations & Maintenance	C.6.28.14.2	Boilers must be inspected annually and Forms 349, 350 and 1034 completed as required.		
Backflow prevention devices – annual inspection certificate.	Operations & Maintenance	C.6.28.14.3	Annually.		
Scheduling and record keeping of permits, personnel safety, control of hazardous substances, certifications, and records	Operations & Maintenance	C.1.5.2	Furnish copies as requested.		
Refrigerant control and certification log.	Operations & Maintenance	C.6.28.1	Refrigerant control logs must be updated and inspected as required.		
AQMD operating permits.	Operations & Maintenance	C.6.28.3	Copies made available immediately upon request.		
Polychlorinated biphenyl (PCB) control transformer leaks.	Operations & Maintenance	C.6.28.5	Immediate notification.		
Fire alarm system: If the Contractor must disturb materials he suspects may contain lead-based paint.	Operations & Maintenance	C.6.29.1	The Contractor must immediately report the condition to the CO or designee.		
Smoke control systems: The Contractor is responsible for meeting the inspection, maintenance, testing frequencies, testing methods, and documentation requirements outlined in NFPA 92A.	Operations & Maintenance	C.6.29.10	Throughout the year. Documentation of the subject inspection, maintenance, and testing results must be recorded in accordance with the requirements of NFPA 92A.		
Emergency and standby power systems: The Contractor is responsible for meeting the inspection, maintenance, testing frequencies, testing methods, and documentation requirements outlined in NFPA 110 and NFPA 111.	Operations & Maintenance	C.6.29.11	Throughout the year. Documentation of the subject inspection, maintenance, and testing results must be recorded in accordance with the requirements of NFPA 110 and NFPA 111.		
Emergency lighting systems and exit signage: The Contractor is responsible for meeting the inspection, maintenance, testing frequencies, testing methods, and documentation requirements outlined in NFPA 101.	Operations & Maintenance	C.6.29.12	Throughout the year. Documentation of the subject inspection, maintenance, and testing results must be recorded in accordance with the requirements of NFPA 101.		
Fire alarm system: If the Contractor encounters equipment that is in a condition that may endanger life or property.	Operations & Maintenance	C.6.29.2	The Contractor must immediately notify the CO or their designee of the condition requiring immediate action. Within 24 hours the Contractor must		

			provide a written report to the COR of the hazardous condition and recommended corrective action.		
Fire alarm system: The Contractor is responsible for meeting the inspection, maintenance, testing frequencies and testing methods outlined in NFPA 72.	Operations & Maintenance	C.6.29.2	Throughout the year. Documentation of the subject inspection, maintenance and testing results must be recorded on the applicable Inspection and Testing Form from NFPA 72.		
Water-based fire suppression systems: If the Contractor encounters equipment that is in a condition that may endanger life or property.	Operations & Maintenance	C.6.29.3	The Contractor must immediately notify the COR of the condition requiring immediate action. Within 24 hours that Contractor must provide a written report to the CO or their designee of the hazardous condition and recommended corrective action.		
Water-based fire suppression systems: The Contractor is responsible for meeting the inspection, maintenance, testing frequencies, and testing methods outlined in NFPA 25.	Operations & Maintenance	C.6.29.3	Throughout the year. Documentation of the subject inspection, maintenance, and testing results must be recorded on the applicable "suggested form," as found in the current edition of NFPA 25.		
Water-based fire suppression systems: If the Contractor must disturb materials he suspects may contain ACM.	Operations & Maintenance	C.6.29.3	The Contractor must immediately report the condition to the CO or designee.		
Fire-rated door assemblies: The Contractor is responsible for meeting the inspection, maintenance, testing frequencies, testing methods, and documentation requirements outlined in NFPA 80.Inspection of fire-rated door assemblies shall also meet the requirements in NFPA 101.	Operations & Maintenance	C.6.29.4	Throughout the year. Documentation of the subject inspection, maintenance, and testing results must be recorded in accordance with the requirements of NFPA 80 and NFPA 101.		
Smoke doors and assemblies: The Contractor is responsible for meeting the inspection, maintenance, testing frequencies, testing methods, and documentation requirements outlined in NFPA 105.	Operations & Maintenance	C.6.29.6	Throughout the year. Documentation of the subject inspection, maintenance, and testing results must be recorded in accordance with the requirements of NFPA 105.		
Smoke dampers: The Contractor is responsible for meeting the inspection, maintenance, testing frequencies, testing methods, and documentation requirements outlined in NFPA 105.	Operations & Maintenance	C.6.29.7	Throughout the year. Documentation of the subject inspection, maintenance and testing results must be recorded in accordance with the requirements of NFPA 105.		
Portable fire extinguishers: The Contractor is responsible for meeting the inspection, maintenance, testing frequencies, testing methods, and documentation requirements outlined in NFPA 10.	Operations & Maintenance	C.6.29.8	Throughout the year. Documentation of the subject inspection, maintenance, and testing results must be recorded in accordance with the requirements of NFPA 10.		
Non-water-based fire extinguishing systems: The	Operations &	C.6.29.9	Throughout the year. Documentation		

Contractor is responsible for meeting the inspection, maintenance, testing frequencies, testing methods, and documentation requirements outlined in the applicable NFPA standard.	Maintenance		of the subject inspection, maintenance, and testing results must be recorded in accordance with the requirements of the applicable NFPA standard.		
NCMMS Complete NCMMS audit	Operations & Maintenance	C.1.4.6	The Contractor shall provide all hardware and software to support and maintain an automated database of building maintenance and repair activities using a NCMMS or other government approved records management / tracking system		
Radon mitigation program	Operations & Maintenance	C.6.14.2	Program must be described in the building operation plan.		
Qualification of employees (May 1989) paperwork.	All	H.1.6	As requested.		
The collection and submission of GSA Form 139, record Presence.	All	H.16.1	Submit each month with monthly report		
Bio-based as Required by USDA (see Exhibit 6)	All	H.13.1	Annually by 31 October		
Submission of resumes for new employees.	All	H.16.4	The Contractor must submit resumes for all personnel prior to personnel beginning work.		
State licensing – if required.	All	H.16.5	Within **90** calendar days of beginning employment.		
Price proposal for additional services work.	Operations & Maintenance	H.19.2	Within **48** hours of the request.		

D. PACKAGING AND MARKING

D.1 PAYMENT OF POSTAGE AND FEES

All postage and fees related to submitting information, including forms, reports, etc., to the Contracting Officer or the Contracting Officer's Representative shall be paid by the contractor.

D.2 MARKING

All information submitted to the Contracting Officer or the Contracting Officer's Representative shall clearly indicate the Contract Number of the contract for which the information is being submitted.

E. INSPECTION AND ACCEPTANCE

E.1 INSPECTION & ACCEPTANCE:

Inspection and acceptance shall be conducted in accordance with FAR Clause 52.212-4(a).

F. DELIVERIES OR PERFORMANCE

F.1 PLACE OF PERFORMANCE

The services to be provided under this contract shall be accomplished at the following location(s):

F.1.0 Location(s)

John J. Moakley Federal Courthouse
1 Courthouse Way
Boston, MA 02210

F.2 TERM OF CONTRACT

The contract shall be a Base Six Months with four (4) Option years. The Base period of performance shall be August 1st, 2018 through January 31st, 2019. Subsequent Options shall be exercised at the discretion of the Government IAW FAR Clause 52.217-9 – Option to Extend the Terms of the Contract.

Period of Performance:

Base – 08/1/2018 – 01/31/2019
Option 1 – 02/1/2019 – 01/31/2020
Option 2 – 02/1/2020 – 01/31/2021
Option 3 – 02/1/2021 – 01/31/2022
Option 4 – 02/1/2022 – 01/31/2023

F.3 EXTENSION OF SERVICES

The Government shall have the option of extending the services under this contract for an additional six (6) months IAW FAR Clause 52.217-8 -- Option to Extend Services when the continued performance of any services within the limits and at the rates specified in the contract are required.

G. CONTRACT ADMINISTRATION DATA

G.1 SUSPENSION OF WORK

In the event services are not provided or required by the Government because the building(s) is closed due to inclement weather, failure of the Congress to appropriate funds, etc., deductions will be computed as follows:

A. The deduction rate in dollars per day will be equal to the per month contract price for the building(s), divided by the number of days per month the building(s) is in normal operation.

B. The deduction rate in dollars per day multiplied by the number of days services were not provided or required.

In the event services are provided for portions of days, appropriate adjustments will be made by the contracting officer to assure the contractor is compensated for services provided.

G.2 OCCUPANT COMPLAINT PROGRAM

The Government will institute a customer complaint program as a means of assisting in documenting certain kinds of service problems. The occupant complaint program will be considered in evaluating the contractor's performance and in taking deductions.

G.3 INVOICE REQUIREMENTS FOR ADDITIONAL SERVICES

Each invoice for additional services shall be submitted to the GSA Property Manager, and shall reference the contract number, name of building where such services were provided, the dates and the number of hours. Also indicate the name of the GSA representative who authorized the additional hours of work, and the date the order was placed. Supporting documentation is required in order for the government to pay the invoice.

To assist the Government in making timely payments, the Contractor is requested to furnish the following additional information either on the invoice or on an attachment to the invoice:

1. Contract Number
2. Government Accounting Document Number (ADN)
3. Organization Code

The Government expects that most invoices for additional services will be paid through the GSA Credit Card. The contractor shall establish a P.O.S. terminal capable of accepting such card(s) to expedite payments for additional services.

H. SPECIAL CONTRACT REQUIREMENTS

H.1 CONTRACTOR RESPONSIBILITIES

H.1.2 SUPERVISORS

A supervisor shall be available at all times when the contract work is in progress to receive notices, reports, or requests from the CO or their designee. The Contractor shall furnish the CO or their designee with a list of telephone numbers where an authorized representative may be contacted seven (7) days per week at any hour of the day or night to provide required services.

H.1.3 UNIFORMS

All employees shall wear distinctive, uniform clothing for ready identification. Uniforms shall be neat, clean, in good repair, and have a badge or monogram with the Contractor's name on it.

H.1.4 EXPOSURE CONTROL PROGRAM

PERSONAL PROTECTIVE EQUIPMENT (PPE)
The Contractor shall provide all employees with proper PPE when required by Federal, State and local laws and regulations.

H.1.5 BLOOD BORNE PATHOGENS

The Contractor shall provide appropriate training to their employees and all necessary equipment and services required to perform clean-up of blood borne pathogens and fully comply with the requirements of the Bloodborne Pathogen Standard listed in 29 CFR §1910.1030.

H.1.6 QUALIFICATIONS OF PERSONNEL

QUALIFICATIONS OF SUPERVISORY EMPLOYEES
Supervisory contract employees shall have a minimum of 3 years of experience with managing and related services in building(s) of similar size and complexity. The Contractor shall provide employee resumes covering these positions to the CO for approval. At the discretion of the CO or their designee formal training may be substituted for experience. The on-site supervisor is required to be fully conversant in English.

QUALIFICATIONS OF CONTRACTOR PERSONNEL
The Contractor shall provide appropriate training to their employees. The personnel employed by the Contractor shall be capable employees, who are trained and qualified in one or more related type service requirements.

The building(s) shall be fully staffed, beginning the first day of work under the contract, unless authorized by the CO or their designee. The Contractor's employees shall be familiar with the operation of the building(s) fire alarm system. In the event of a fire, the Contractor shall leave the building and not enter until authorized by Fire officials. The Contractor’s staff shall also be familiar with the building’s Occupancy Emergency Plan, which includes the shelter in place program. Further information on the program shall be provided by the CO or their designee.

H.1.7 MISCELLANEOUS REQUIREMENTS

The Custodial Contractor shall:

- Ensure that the Contractor's employees use lights and faucets only in those areas where and when the work is actually being performed. Once leaving, all lights and water faucets in the work area shall be turned off.
- Ensure that workers do not adjust mechanical equipment controls for heating, ventilation and air conditioning systems.
- Ensure that the Contractor's employees participate in building fire and civil defense drills.
- Ensure that the reporting of fires, hazardous conditions, and items in need of repair (e.g., inoperative lights, broken windows or doors, torn carpets, leaking sinks, urinals or commodes, dead trees or shrubs, etc.), to the CO or their designee.
- Ensure if applicable, rooms are locked after cleaning and that keys are returned to the designated office.
- Ensure that lost and found articles by the Contractor's employees are turned in to the CO or their designee.
- Ensure that the Contractor employees notify the security officer on duty when unauthorized or suspicious person(s) are seen on premises.
- Ensure that the Contractor's employees notify CO or their designee of any observed hazardous material, or Universal Waste materials in the trash or recycling receptacles.
- Ensure that the Contractor's employees raise, lower, and half-staff the United States American Flag, agency pennants, and other flags (POW flag). This service shall be provided when directed by the CO or their designee and shall comply with requirements in the Flag Policy.
- Ensure that the Contractor's employees adhere to GSA's 'No Smoking Policy'

H.2 SECURITY

The General Contractor and the designated Contractor Suitability Clearance Point of Contact (CSC POC) shall comply with all security requirements and directions provided by the GSA OMA Boston Office. All contractor employees who receive a favorable suitability determination, security clearance, and/or meet all security requirements, as required by Homeland Security Presidential Directive -12 (HSPD-12) prior to reporting to work or performing work under this contract. Contractor employees that cannot obtain a favorable security determination, security clearance, or meet security requirements, will not be permitted to work on GSA contracts or in GSA controlled facilities

If the GSA Contracting Officer (CO), Contracting Officer's designee receives an unfavorable or unsuitable report on any employee, or if a prospective employee to be unsuitable or unfit for his/her assigned duties, the GSA OMA Boston Office will immediately advise the CSC POC that such employee will not be allowed to work or be assigned to work under the contract.

The Government has full and complete control over granting, denying, withholding or terminating clearances for all contractor employees. A temporary contractor is a non-federal employee performing only project work on Federal premises on a non-recurring, or intermittent basis from 1 calendar day up to 180 calendar days. These individuals must receive a Special Agreement Check (SAC) Favorable Suitability Determination. However, the granting of a temporary clearance shall not be considered, as

assurance that National Agency Check with written Inquiries (NACI) Long-Term Suitability Adjudication will follow. The granting of either temporary (SAC) or long term (NACI) adjudication shall not prevent, preclude, or bar the withdrawal or termination of any such clearance by the Government.

For FY 2015, the Office of Personnel Management (OPM) is implementing the Federal Investigative Standards (FIS) according to the phased Federal Investigative Standards Implementation Plan issued by the Suitability and Security Executive Agents. Consistent with the Initial Operating Capability (IOC) requirements of the FIS Implementation Plan, OPM is conducting Tier 1 investigations in lieu of the former National Agency Check and Inquiries (NACI) (SF 85) product and Tier 2 investigations in lieu of the former Moderate Risk Background Investigation (MBI) (SF 85P). **During this transition, the terms NACI and Tier 1 Investigation are interchangeable.**

Homeland Security Presidential Directive (HSPD)-12 is the "Policy for a Common Identification Standard for Federal Employees and Contractors" (the Directive) and became effective August 27, 2004. The Directive requires all Federal governmental departments and agencies to conduct background investigations and adjudicate the results (HSPD-12 compliant suitability determinations) for all contract employees requiring routine unescorted access to Federally-controlled facilities and/or information systems for more than 6 months **before consideration can be made for the issuance of identification cards.**

H.2.1 SECURITY REQUIREMENTS AND PERSONAL IDENTITY VERIFICATION PROCEDURES (NON-CLASSIFIED CONTRACT)

FAR 52.204-9 PERSONAL IDENTITY VERIFICATION OF CONTRACTOR PERSONNEL (SEPT 2007)

1. The Contractor shall comply with Agency personal identity verification procedures identified in the Contract that implement Homeland Security Presidential Directive-12 (HSPD-12), Office of Management and Budget (OMB) guidance M-05-24 and Federal Information Processing Standards Publication (FIPS PUB) Number 201.
2. The Contractor shall insert this clause in all subcontracts when the subcontractor is required to have routine physical access to a Federally-controlled facility and/or routine access to a Federally-controlled information system.

Temporary Contractor. A non-federal employee performing only project work on Federal premises on a non-recurring, or intermittent basis from 1 to 180 calendar days. These individuals must receive a Special Agreement Check (SAC) resulting in a Favorable Determination.

1. The process is as follows:

   a. The GSA Office of Mission Assurance (OMA) Boston provides the following information to the CSC POC:
   b. GSA Contractor Information Worksheet (CIW) with sections 2 through 5 completed.
   c. OF 306 Declaration for Federal Employment

2. The CSC POC, working with the applicant, ensures completion of the CIW and OF-306 for transmission electronically to Zonea-hspd12@gsa.gov.

3. The CSC POC will send the CIW with Section 1 completed entirely to the Zonea-hspd12@gsa.gov in a password protected file. Multiple files can be included in one email in the

format: Last Name, First Name, Middle Initial and last 4 of the Social Security Number (i.e. Smith, John E. 5077). A second email containing the password must follow.

4. Questions 1-13 of the OF 306, and if applicable, Question 16 for continuation purposes. Original signature and date of the applicant are required on page 2, Question 17a. Except where a signature is required, all fields are to be typed. The CSC POC will then submit the form as an attachment in an e-mail following the process in paragraph 3 above.

5. The following requirements apply to U.S. Citizens born in a foreign country, foreign born citizens and dual citizenship holders and is required in addition to the above documentation.

   a. If the applicant is a U.S. Citizen and was born in a foreign country, they must submit either a copy of the front page of their U.S. Passport or a copy of their U.S. Citizenship Naturalization Document.
   b. If the applicant is a foreign born citizen and is now a U.S. Naturalized Citizen, they must submit a copy of their U.S. Citizenship Naturalization Document.
   c. If the applicant is a foreign born citizen and resides in the U.S., they must submit a copy of their USCIS Alien Registration Document.

6. Upon receipt of a completed Contractor Information Worksheet (CIW), OMA Boston Office will input data into GCIMS and mark the individual as Applicant.

7. CIW data being entered in GCIMS enrolls the individual in USAccess where the individual will be able to schedule an appointment for fingerprinting at one of over 200 enrollment stations nationwide, http://www.fedidcard.gov/centerlist.aspx. Fingerprint submissions are to be completed electronically utilizing OPM's Fingerprint Transaction System (FTS). Submission of electronic fingerprints through FTS improves efficiency, timeliness of results, and quality of the print. OPM will only accept Standard Form 87 (SF-87) fingerprint charts from those applicants residing greater than 100 miles (one way) from the nearest enrollment station. The SF 87 has been revised to support billing requirements of the Department of the Treasury and OPM processing enhancements. Modifications to the SF 87 include the addition of four fields:

   a. Submitting Office Number (SON)
   b. Security Office Identifier (SOI)
   c. Intra-Governmental Payment, Collection Code (IPAC)
   d. Miscellaneous Identification Number (MNU)

8. OPM converts the SF 87 to an image and electronically transmits the image to the Federal Bureau of Investigation (FBI).

9. **GSA OMA Boston Office may accept faxed documents on a case-by-case basis. Due to Privacy Act Regulations you must contact the OMA office and request the fax number. Except where a signature is required, all fields are to be typed. Hand-written forms will not be accepted.**

10. **OMA Boston does NOT make adjudication or suitability determinations, only ensures the appropriate parties are aware of what documentation is required.**

11. The OPM Contractor Investigation Team shall complete the SAC suitability determination as required under the GSA, OPM MOU. Upon completion of the investigation, OPM electronically forwards the results of the suitability determination to the OMA Boston Office. Suitability Determinations may be either:

    a. Favorable. The applicant is determined to be suitable to perform work in the building for up to 180 calendar days.
    b. Unfavorable. The applicant is determined to be unsuitable to perform work in the building. This determination is frequently based upon an inconsistency between the forms submitted by the applicant and the law enforcement checks.

12. The GSA OMA Boston Office then emails the CO, COTR, and the CSC POC the results of the suitability determination. **Applicants may not begin work on-site prior to a Favorable Suitability Determination. An Unfavorable Suitability Determination is final.**

13. If work is to be performed after building operating hours, the GSA OMA Boston Office must provide the local DHS/FPS Official the following information in writing:

    a. Building name and location of work (i.e. room number, floor and agency)
    b. Name and address of Contractor Company
    c. Last, First and Middle name of all Temporary Contractor(s)
    d. Dates and times of activity.

Long Term Contractor - U.S. or Naturalized Citizen or Non-U.S. Citizen legally residing in U.S. A non-federal employee performing work on Federal premises on a recurring basis for 181 calendar days or more **(mechanical, janitorial, elevator, IDIQ construction contractor and cafeteria worker)**. These individuals must receive a National Agency Check with Written Inquiries (NACI)/Tier 1 Investigation Favorable Suitability Determination. **Applicants may not begin work on-site prior to a Favorable Suitability Determination.**

In order to be eligible for a NACI/Tier 1 Investigation determination, the employee must have been residing in the U.S. for 3 or more consecutive years. If U.S. residency has been less than three years, the employee will be processed as a temporary contractor.

The NACI/Tier 1 Investigation process is as follows:

1. The GSA OMA Boston Office provides the following to the CSC POC:

    a. Contractor Information Worksheet (CIW) with sections 2 through 5 completed.
    The CSC POC, working with the applicant, ensures completion of the CIW and returns the completed encrypted (password protected) form electronically to Zonea-hspd12@gsa.gov.

2.
    a. The CSC POC will send the CIW with Section 1 completed entirely to the Zonea-hspd12@gsa.gov in a password protected file. Multiple files can be included in one email in the format: Last Name, First Name, Middle Initial and last 4 of the Social Security Number (i.e. Smith,

John E. 5077). A second email containing the password must follow.

b. Entry of the CIW data into GCIMS by OMA Boston automatically initiates the background investigation process. GCIMS will automatically feed the CIW information to OPM.

3. OPM shall:

   a. OPM staff will verify the necessity of an investigation.
   b. Initiate and invite the applicant to complete the SF-85, via E-QIP. The applicant and CSC POC will be notified via e-mail sent to their e-mail address contained in Section 1 of their submitted CIW.

4. The applicant must:

   a. Complete the E-QIP questionnaire. **The applicant has 7 calendar days to login to the E-QIP system and establish an account, followed by another 7 calendar days to complete the E-QIP application. If the applicant does not respond timely, the system will terminate the applicant's invitation.** If an application is terminated, the GSA OMA Boston Office will email the CO, COTR/PM, and CSC POC of the termination and the entire application process must begin again. The applicant must:

      i. Complete the E-QIP application
      ii. Complete questions 1-13 of the OF 306, and if applicable, Question 16 for continuation purposes. Original signature and date of the applicant are required on page 2, Question 17a. Except where a signature is required, all fields are to be typed.
      iii. Complete GSA form 3665, print, sign and date.
      iv. Scan and attach applicable documentation to the SF85 in eQip.
      v. Digitally sign 2 signature pages of the E-QIP application (CEL & REL)
      vi. Release the document within E-QIP (Release to Agency)

   b. A copy of two documents that establish "proof of identity" as listed in page 2 of the Form I-9 Employment Eligibility Verification must be provided at the time of fingerprinting. Additional information will be provided when scheduling the fingerprinting appointment at an MSO station.

   c. The following requirements apply to U.S. Citizens born in a foreign country, foreign born citizens, and dual citizenship holders and are required in addition to the above documentation.

      i. If the applicant is a U.S. Citizen and was born in a foreign country, they must submit either a copy of the front page of their U.S. Passport or a copy of their U.S. Citizenship Naturalization Document.

      ii. If the applicant is a foreign born citizen and is now a U.S. Naturalized Citizen, they must also submit a copy of their U.S. Citizenship Naturalization Document.

      iii. If the applicant is a foreign born citizen and resides in the U.S., they must also submit a copy of their USCIS Alien Registration Document. If the applicant claims dual citizenship, they must sign, date and submit the DHS ICE Citizenship Declaration Form.

5. In addition to the CIW initiating the eQip process, it also enrolls the individual in US Access where the individual will be able to schedule an appointment for fingerprinting at one of over 200 enrollment stations nationwide, http://www.fedidcard.gov/centerlist.aspx. Fingerprint submissions are to be completed electronically utilizing OPM's Fingerprint Transaction System (FTS). Submission of electronic fingerprints through FTS improves efficiency, timeliness of results, and quality of the print. OPM will only accept Standard Form 87 (SF-87) fingerprint charts from those applicants residing greater than 100 miles (one way) from the nearest enrollment station. The SF 87 has been revised to support billing requirements of the Department of the Treasury and OPM processing enhancements. Modifications to the SF 87 include the addition of four fields:

   a. Submitting Office Number (SON)
   b. Security Office Identifier (SOI)
   c. Intra-Governmental Payment, Collection Code (IPAC)
   d. Miscellaneous Identification Number (MNU)

6. OPM reviews the eQip package, including attached forms to ensure all required information has been provided. If errors or omissions are detected, OPM will reject the eQip submission back to the contractor for correction. Once corrected, the contractor will again submit to OPM via eQip in accordance with paragraph 5.

7. OPM will then complete the preliminary suitability portion, as required under the GSA/ OPM Memorandum of Agreement (MOA). Upon completion of that investigation, OPM electronically forwards the results of the preliminary suitability determination to the GSA OMA Central Office for input into GCIMS and forwards the eQip package to the Federal Investigation Section (FIS) of OPM for final suitability processing. Suitability Determinations may be either:

   a. Pre-Favorable. The applicant is determined to be suitable to perform work in the building up to 180 calendar days. If the applicant has not received a Favorable 5 Year NACI/Tier 1 Investigation by the end of the 180 calendar days, he/she may continue to work under the existing determination until further notice.

   b. Unfavorable. The applicant is determined to be unsuitable to perform work in the building. This determination is frequently based upon an incongruity between the forms submitted by the applicant and the law enforcement checks. The applicant may appeal this decision within 30 calendar days. All appeals on Unfavorable Suitability Determinations are handled by OPM.

   c. Clarification. The applicant must contact the OPM Federal Investigative Service (OPM-FIS) within 15 calendar days to provide additional information in order to complete the background investigation for a suitability determination. Failure to respond within the above time-frame will result in an Unfavorable Suitability Determination.

   d. Favorable NACI/Tier 1 Investigation. Upon completion of OPM investigation and final Favorable Suitability Determination by OPM, the CO, COTR/PM, and CSC POC will receive notification from GSA OMA Boston Office of the applicant's NACI/Tier 1 Investigation determination.

8. The OMA Boston Office emails the CO, COTR, and the CSC POC the result of the suitability determination.

9. In the event the applicant receives an Unfavorable or Clarification Suitability Determination, the applicant is afforded an opportunity to explain and correct any inconsistencies by providing additional supporting documentation to OPM FIS, which may or may not change the suitability determination.

10. If work is to be performed after building operating hours, the GSA OMA Boston Office must provide the local DHS/FPS Official the following information in writing:

a. Building name and location of work (i.e. room number, floor, and agency)
b. Name and address of Contractor Company
c. Last, First and Middle name of all Contractor(s)
d. Dates and times of activity.

H.2.2 GSAR 552.237-71 QUALIFICATIONS OF EMPLOYEES (MAY 1989)

1. The Contracting officer or a designated representative may require the Contractor to remove any employee(s) from GSA controlled buildings or other real property should it be determined that the individual(s) are either unsuitable for security reasons or otherwise unfit to work on GSA controlled property.

2. The Contractor shall fill out and cause each of its employees performing work on the Contract work to fill out, for submission to the Government, such forms as may be necessary for security or other reasons. These forms shall be completed electronically unless that would create a hardship for the individual. Upon request of the Contracting Officer, the Contractor and its employees shall be fingerprinted.

3. Each employee of the Contractor shall be a citizen of the United States of America, or an alien who has been lawfully admitted for permanent residence as evidenced by Alien Registration Receipt Card Form I-151 or who presents other evidence from the Immigration and Naturalization Service that employment will not affect his immigration status.

H.2.3 SUITABILITY DETERMINATIONS

1. With GSAs concurrence, a Contract employees requiring routine unescorted access to Federally-controlled facilities and/or information systems for <u>more than 6 months</u> will be required to undergo a NACI/Tier 1 Investigation suitability determination before a PIV card is issued. Prior to the time that an identification card is issued, such employees will be required to comply with normal facility access control procedures, including sign-in, temporary badging, and escorted entry, as applicable.

2. Failure of a Contract employee to receive a favorable suitability determination shall be cause for removal of the employee from the work site and from other work in connection with the Contract.

3. Contract employees working less than 6 months (Temporary Contractor) may, at the Government's option, be required to undergo a lesser form of suitability determination. Prior to the time that an identification card is issued, if at all, such Temporary Contractor will be required to comply with normal facility access control procedures, including sign-in, temporary badge, and escorted entry, as applicable.

4. Temporary Contractors who have not received a favorable suitability determination shall be escorted by government employees at all times while in non-public space, as directed by the CO or their designee.

5. The Government, at its sole discretion, may grant temporary suitability determinations to Regular or Temporary Contractor. However, the granting of a temporary suitability determination to any such employee shall not be considered as assurance that a favorable suitability determination will follow.

6. The CO or their designee shall provide the Contractor with required forms for obtaining necessary clearances. The Contractor shall be required to cause such forms to be returned to the Government for processing not later than 14 days following being provided by the Government.

7. The Contractor shall be responsible for planning and scheduling its work in such a manner as to account for facility access issues. Difficulties encountered by the Contractor in gaining access to facilities by its employees and subcontractors shall not be an excuse to any Contractor performance under the Contract.

H.2.4 COMPLIANCE WITH SECURITY REQUIREMENTS

1. The Contractor shall comply with all GSA and tenant Agency security requirements in the building(s) where work is being performed.

2. When a controlled personnel identification access system is used by a tenant Agency at a site where work is performed, the tenant Agency will be responsible for providing any required access credentials. Credentials shall be displayed at all times or as otherwise required by the tenant Agency. The Contractor shall be responsible for maintaining satisfactory standards of employee competency, conduct, appearance, and integrity and shall be responsible for taking such disciplinary action with respect to its employees as may be necessary.

H.3. IDENTIFICATION CREDENTIAL

1. The determination of if an individual receives a HSPD-12 credential is based on whether the COR/COTR communicates the need with their Branch Chief who works with OMA for final approval. At all times while working on the contract, a Contract and subcontractor employees, shall have in his or her possession the specific Government PIV credential issued to him or her. The PIV credential shall be displayed and be visible at all times while on Government property. The CO or designee, Government law enforcement, or security person shall periodically verify passes of Contractor employees with their personnel identification. Contractor employees shall comply with security verification procedures at all times.

2. As required by the Government, the Contractor shall make his employees available for photo identification badges, on a schedule to be worked out with the CO or designee. The Government will make the identification credentials after a favorable security determination has been received for the Contractor's employees. Each PIV credential shall have an expiration date and Contractor employees shall sign each badge at the time of photographing.

3. The Contractor shall be responsible for ensuring that all PIV credentials are returned to the CO or their designee whenever his employees leave the Contract (when the Contract has been completed, employees leave the company, or employees are dismissed or terminated). The Contractor shall notify the CO or their designee whenever employee badges are lost.

4. The Contractor will be responsible for paying the Government for replacement credentials at the current cost per badge.

H.4. ESCORT REQUIREMENTS

It may be necessary to escort temporary Contract employees who do not have a final suitability determination and work in federally controlled space. In those cases, all uncleared Contract employees shall be escorted in nonpublic space by a **PIV credentialed** Government employee or Contract employee who is approved by the CO or designee. Other Government agencies may have specific Agency security requirements for their own space that may only allow escort by Government employees or those designated by their Agency. Government employees or approved cleared Contract employees who provide escorts for uncleared Contract employees shall always be in close proximity and within eyesight of the uncleared Contract employee. The Contract government escort shall watch uncleared employees and remain with uncleared Contract employees for the entire time they are in the building and or federally controlled space. Uncleared employees cannot be left alone or out of eyesight at any time they are in nonpublic space. A cleared and approved escort may not allow several uncleared Contract employees to be in Federally controlled space, that is not within close proximity and within eyesight at all times. A cleared and approved escort may not allow multiple uncleared employees in non-public space on different parts of one floor or different floors at the same time. Any security violation of escort requirements by a cleared and approved Contract employee will result in the immediate removal from the Contract of all Contract employees involved, i.e., escorts and uncleared escorted Contract employees. Violations of escort requirements by Contract employees in accordance with security requirements may be grounds for termination of the Contract at no cost to the Government.

H.5. STANDARDS OF CONDUCT

The Contractor shall be responsible for maintaining satisfactory standards of employee competency, conduct, appearance, and integrity and shall be responsible for taking disciplinary action with respect to his employees as necessary. The Contractor is responsible for ensuring that his employees do not disturb papers on desks, open desk drawers or cabinets, or use Government telephones, except as authorized. Each employee is expected to adhere to standards of behavior that reflect favorably on his or her employer and the Federal Government. No smoking is allowed in the building.

H.6. REMOVAL FROM CONTRACT WORK

1. As provided in the clause entitled "Qualifications of Employees," the Contracting officer or a designated representative may require the Contractor to remove any employee(s) from GSA controlled buildings or other real property should it be determined that the individual(s) is either unsuitable for security reasons or otherwise unfit to work on GSA controlled property. This shall include, but not be limited to, instances where an employee is determined, in the Government's sole discretion, to be incompetent, careless, insubordinate, unsuitable, or otherwise objectionable.

2. When the Government deems the employee's continued employment to be contrary to the public interest, inconsistent with the best interests of security, or when the employee is identified as a potential threat to the health, safety, security, general well-being, or operational mission of the facility and its population.

3. The CO may also request the Contractor to immediately remove any employee from the work site if it is determined that individuals are being assigned to duty who have been disqualified for either suitability or security reasons or who are found to be unfit for performing duties during their tour of duty.

4. Contractor employees who are removed from Contract work shall be required to leave the work site immediately.

5. The Contractor shall comply with any removal request. For clarification, a determination to remove an employee will be made for, but is not limited to, incidents involving the most immediately identifiable types of misconduct or delinquency as set forth below:

a. Failure to receive a suitability determination, temporary clearance, or clearance from GSA or a tenant Agency.
b. Violation of Federal, State, or Local law.
c. Violation of the Rules and Regulations Governing Public Buildings and Grounds, 41 CFR 101-20.3. This includes the carrying or possession of explosives or items intended to be used to fabricate an explosive or incendiary device.
d. Neglect of duty, including sleeping while on duty, unreasonable delays, or failure to carry out assigned tasks, conducting personal affairs during official time or refusing to render assistance, or to cooperate in upholding the integrity of the security program at the work site.
e. Falsification or unlawful concealment, removal, mutilation, or destruction of any official documents or records, or concealment of material facts by willful omissions from official documents or records.
f. Disorderly conduct, use of abusive or offensive language, quarreling, intimidation by words or actions, fighting, or participation in disruptive activities that interfere with the normal efficient operations of the Government.
g. Theft, vandalism, immoral conduct, or any other criminal actions.
h. Selling, consuming, or being under the influence of intoxicants, drugs, or substances that produce similar effects while in or on federally controlled property.
i. Improper use of Government identification.
j. Unauthorized use of communication equipment on Government property.
k. Violation of security procedures or regulations.
l. Violation of Title 18,U.S.C.,Section 930, which prohibits the knowing possession or the causing to be present of firearms or other dangerous weapons in Federal facilities and Court facilities.

The CO or their designee will make all determinations regarding the removal of any employee from work site, except under certain conditions. When a CO or their designee is not available, either during the day or after hours, or in situations where a delay would not be in the best interest of the Government or is identified as a potential threat to the health, safety, security, general well-being, or operational mission of the facility and its population, the CO or their designee will have the authority to immediately remove the Contract employee from the work site.

Law enforcement officers of the Department of Homeland Security/Immigration and Customs Enforcement/Federal Protective Service (DHS/ICE/FPS) will have the authority to immediately remove any Contract employee from the work site who is found to be in violation of any of the items mentioned above and where a delay in removal would not be in the best interest of the Government or security or is identified as a potential threat to the health, safety, security, general well-being, or operational mission of the facility and its population. The CO or their designee will be notified as soon after the incident as practical or at the beginning of the next business day if an action happened after hours. The CO or their designee will make all official notifications to the Contractor. In the event of a dispute, the CO or their designee will make a final determination. Specific reasons for removal of an employee will be provided to the Contractor in writing by the CO or designee.

The Contractor is responsible for providing replacement employees in cases where Contract employees are removed from working at the work site or on the Contract.

H.7. SENSITIVE BUT UNCLASSIFIED (SBU) BUILDING INFORMATION

1. GSA Contractors that do not have HSPD-12 compliant clearances cannot obtain Sensitive but Unclassified (SBU) information (Privacy Act data, building information, and financial information) through GSA's IT systems.
2. Contractors and prospective bidders with a need to know that do not have HSPD-12 clearances and access rights to GSA IT systems can be provided SBU building information, drawings, etc., in accordance with GSA Order 3490.1A, which provides for the dissemination of paper and electronic SBU building information for all Federally controlled space (owned, leased, and delegated).
3. SBU information includes, but is not limited to:
   a. Paper and or electronic documentation of the physical facility information.
   b. Building designs (such as floor plans).
   c. Construction and renovation or alteration plans and specifications.
   d. Equipment plans and locations.
   e. Building operating plans.
   f. Information used for building service Contracts and or Contract guard services.
4. For all GSA controlled facilities, any other information considered a security risk shall be considered covered under this category.
5. All SBU building information, either in electronic or paper format, shall have specific imprinting on each page to designate it as Government property and indicate the prohibition of copying, dissemination, and distribution.
6. Contractors authorized to receive SBU information shall provide the following identification:
   a. A copy of a valid business license.
   b. Verification of a valid DUNS Number.
   c. A valid IRS Tax ID Number.
   d. A valid State driver's license with photograph.
7. Contractors shall sign a Document Security Notice when they receive SBU information.
8. Contractors shall be responsible for safeguarding SBU information. At the completion of work, secondary and other Disseminators shall be required to turn over their Document Security Notice dissemination records to GSA to be kept with the permanent files.
9. Authorized Contract users shall destroy all SBU information and documents when no longer needed. Destruction shall be done by burning or shredding hardcopy, and or physically destroying CDs, deleting and removing files from the electronic recycling bins, and removing material from computer hard drives using a permanent erase utility or similar software.
10. All authorized Contract users of SBU building information shall notify the GSA Disseminator in writing that they have properly disposed of the SBU building information and documents.
11. The GSA Disseminator shall maintain all records of SBU building information disposal (along with the signed Document Security Notices) in accordance with the GSA system of keeping long-term records

and plans. All Document Security Notices and Records of Disposal shall be kept with the permanent files.

H.8. RECORDING PRESENCE

Each Contract employee shall sign in when reporting for duty and sign out when leaving at the end of the workday and follow card access requirements as directed by the CO or designee. The Contractor shall accumulate GSA Form 139 (Record of Time of Arrival and Departure from Building) or other designated form for use in recording presence each calendar week, certify in writing on each form that the information shown is true and correct and, and within **7 calendar days** of month's end, turn them over to the CO or designee.

H.9. GOVERNMENT FORMS

The various Government forms mentioned in this document such as personal history forms, sign-out forms, inspection forms, etc., may be obtained from the CO or designee.

H.10. OTHER CONTRACTORS

The Government may undertake or award other Contracts for additional work, and the Contractor shall fully cooperate with such other Contractors or Government employees. The Contractor shall carefully schedule his own work, in conjunction with the additional work, as may be directed by the CO or designee. In addition, the Contractor shall not commit or permit any act that will interfere with the performance of work by another Contractor or by Government employees.

H.11. ORDINANCES, TAXES, PERMITS, AND LICENSES

Without additional expense to the Government, the Contractor shall fully comply with all Local, City, State, and Federal laws, regulations, and ordinances. The Contractor will also be liable for all applicable Federal, State, and Local taxes and shall obtain and pay for all permits and licenses governing performance under the Contract.

H.12. DISCREPANCY IN THE SPECIFICATIONS

In any case of discrepancy in the specifications, the matter shall be immediately submitted to the CO. The decision of the CO as to the proper interpretation of the specifications shall be final in accordance with the Disputes Clause of this Contract.

H. 13. AFFIRMATIVE PROCUREMENT PROGRAM (APP)

H.13.1 STANDARDS

As a Federal procuring agency, the GSA is required by the Resource Conservation and Recovery Act (RCRA), Section 6002 and Executive Order (EO) 13423 Strengthening Federal Environmental, Energy, and Transportation Management to procure and use products containing post-consumer content (recycled material); environmentally preferable; and bio-based products. RCRA Section 6002 and Letter 92-4 requires Federal agencies to develop and implement their own Affirmative Procurement Program to facilitate the procurement of these products.

Green Purchases

In addition to those regulatory requirements specified in Section C of the specification, the following considerations and sources shall be used by the Contractor.
This includes:

- Compliance with appropriate clauses and subparts of FAR 7, 11, 12, 13, and 23.
- Cleaning chemicals, tools, equipment, supplies, or materials that shall be selected with consideration to minimizing the impact on both human health and safety as well as reducing other potential environmental impacts.
- Cleaning processes, work practices, and procedures shall minimize exposures to workers and building occupants and contribute to the promotion of environmental stewardship.
    - Additional information on environmentally preferable products may be found through sources such as the U.S. EPA's Environmentally Preferable Purchasing Program's website: https://www.epa.gov/greenerproducts/about-environmentally-preferable-purchasing-program

Recycled Content Certification
In accordance with the FAR 52.223-9, Certification and Estimate of Percentage of Recovered Material Content for EPA-Designated Items, purchased for the performance of work with this contract, the Contractor shall provide the required certification and estimate to the CO or their designee at contract completion.

Recycled Content Product Purchase Annual Reporting
The Contractor shall provide an interim annual report, estimating the percentage of total recovered material used in contract performance, including, if applicable, the percentage of post-consumer material content. The Contractor shall provide the report to the CO or their designee in compliance with the Contractor schedule.

Green Cleaning Training
The Contractor shall provide training to their employees that stress proper stewardship in green cleaning practices. The Contractor shall submit written certification to the CO or their designee within five (5) days of the completion of training. Information on stewardship, training, and other issues can be found in ASTM E1971-05, Standard Guide for Stewardship for the Cleaning of Commercial and Institutional Buildings www.astm.org/. The focus of this training is to address appropriate cleaning activities and processes to maximize eco-efficiency and to minimize adverse impacts on the building occupants, cleaning personnel, the building structure itself, and the environment. Adherence to the principles set forth in this guide can lead to greater tenant and occupant satisfaction, reduced operational costs, and greater productivity (for occupants and cleaning personnel).

H.14. ASBESTOS AWARENESS TRAINING

RESERVED

H.15. UNIFORMS

All trade workers shall wear a uniform with the Contractor's logo while working within the building.

H.16. PERSONNEL QUALIFICATIONS

H.16.1 PERSONNEL TRAINING

The Contractor shall establish training program to assure employees working in a Federal building have the knowledge, skills and abilities to perform the work required by this Contract. The Contractor shall provide training and/or document training that conforms to the core competencies of the Federal Buildings Personnel Training Act of 2010 and provide documentation to the CO or designee.

H.16.1.1 RE-TUNING TRAINING

The Contractor must ensure that all Mechanical Engineers, Mechanical Supervisors, Operating Engineers, HVAC Mechanics, and Control Technician employees, including replacement workers, receive Building Re-Tuning Training, (http://retuningtraining.labworks.org/training/lms/), a 5-6 hour on line course and refresher training every two years in accordance with the Federal Buildings Personnel Training Act of 2010. The training must be conducted, at no additional expense to the Government, at least 60 calendar days after the start date of the Contract. The Contractor must submit written certification to the CO or their designee within 5 days of the completion of training for each employee identified above.

H.16.2 QUALIFICATIONS OF PROJECT MANAGER AND ONSITE SUPERVISORY PERSONNEL

H.16.2.1 QUALIFICATIONS OF PROJECT MANAGER

The Project Manager shall possess at a minimum at least 5 years of recent (within the past 7 years) experience in the management and supervision of building mechanical maintenance operations for buildings of the approximate size and characteristics of the buildings to be covered by this Contract. A detailed resume containing the information specified in this document shall be submitted to the CO or their designee for approval prior to the assignment of the project manager to the Contract. Both new and replacement project manager's shall meet these qualification standards. Minimally, the resume shall contain:

1. The full name of the proposed project manager.
2. A detailed description of the previous 7 years' employment history of the proposed project manager.
3. The names and addresses of the companies for whom the proposed project manager worked for the past 7 years, along with the names and telephone numbers of the immediate supervisors.

H.16.2.2 QUALIFICATIONS OF ONSITE SUPERVISOR

The Onsite Supervisor shall also possess at least 5 years of recent (within the past 7 years) experience in directing operation and maintenance of equipment in a supervisory capacity for equipment of the approximate size, complexity, and other characteristics of the equipment to be operated and maintained under this Contract. A detailed resume containing the information specified in this document shall be submitted to the CO or their designee for approval prior to the assignment of any supervisor to the Contract. Both new and replacement onsite supervisors shall meet these qualification standards. Minimally the resume shall contain:

1. The full name of the proposed supervisor.
2. A detailed description of the previous 7 years' employment history of the proposed supervisor.
3. The names and addresses of the companies for whom the proposed supervisor worked for the past 7 years, along with the names and telephone numbers of the immediate supervisors.

H.16.3 QUALIFICATIONS OF TECHNICIANS

General Requirements

Technicians engaged in the work to be accomplished under this contract, except for general maintenance workers and laborers, must possess at least 5 years of recent (within the past 7 years) experience in the operation and maintenance of equipment and systems comparable in complexity to systems covered by

this contract. All personnel or sub-contractor personnel must possess all required registrations, certifications and licenses required by State and local jurisdictions, and any specific requirements noted below. The Contractor shall provide to the CO or their designee documentation of the certificates of training, licenses, and permits for all new employees not later than 7 days prior to that person beginning work under the terms of this contract. The Contractor shall ensure that all certificates of training, licenses, permits, and bonds are current and valid. All offers must include documentation and proof of any required certifications (e.g., including certification number and expiration date) and qualifications for each employee.

H.16.3.1 QUALIFICATIONS OF FIRE ALARM SYSTEM TECHNICIANS

1. Technicians performing contract work involving the inspection, testing, and preventive maintenance or repair of fire alarm systems shall be certified by the National Institute for Certification in Engineering Technologies (NICET) and possess at least a NICET Level 2 (Associate Engineering Technician) in Fire Protection Engineering Technology, Fire Alarm Systems. The Contractor shall submit to the CO or their designee the NICET level certification number and expiration date for each field technician and inspector responsible for performing fire alarm system preventative maintenance and repair services required under the terms of this contract.
2. Technicians modifying the programming software of the fire alarm system shall also be factory trained and certified by the system manufacturer for the specific type and brand of fire alarm system being serviced. The Contractor shall submit to the CO or their designee the factory trained certification number and expiration date for each specific manufacturer's equipment for each technician responsible for performing programming of the fire alarm system.

H.16.3.2 QUALIFICATIONS OF WATER-BASED FIRE SUPPRESSION SYSTEM TECHNICIANS

Technicians performing contract work involving the inspection, testing, and preventive maintenance or repair of water-based fire suppression systems shall be certified by the National Institute for Certification in Engineering Technologies (NICET) and possess at least a NICET Level 2 (Associate Engineering Technician) in Fire Protection Engineering Technology, Inspection, and Testing of Water-Based Systems. The Contractor shall submit to the CO or their designee the NICET level certification number and expiration date for each field technician and inspector responsible for performing water-based fire suppression system preventative maintenance and repair services required under the terms of this contract.

H.16.3.3 QUALIFICATIONS OF DRY CHEMICAL AND WET CHEMICAL EXTINGUISHING SYSTEM TECHNICIANS

Technicians performing contract work involving the inspection, testing, and preventive maintenance of dry chemical and wet chemical extinguishing systems shall be trained in the manufacturer requirements and have passed a test confirming the individual's knowledge and competence on these systems. The Contractor shall submit to the CO or their designee the certification document and expiration date, issued by the manufacture or testing organization confirming the technician has been trained and passed a test, for each field technician and inspector responsible for performing dry chemical and wet chemical extinguishing system preventative maintenance and repair services required under the terms of this contract.

H.16.3.4 QUALIFICATIONS OF CLEAN AGENT FIRE EXTINGUISHER SYSTEM TECHNICIANS

Technicians performing contract work involving the inspection, testing, and maintenance of clean agent fire extinguisher systems shall be trained in all aspects of safety related to the systems and possess a

current training certificate for inspecting, testing, and maintaining these components from a manufacturer or a certificate by an organization acceptable to the CO. The Contractor shall submit to the CO or their designee the certification document and expiration date, issued by the manufacture or testing organization confirming the technician has been trained, for each field technician and inspector responsible for performing the inspection, testing, and maintenance of clean agent fire extinguisher systems required under the terms of this contract.

H.16.3.5 QUALIFICATIONS OF HALOGENATED EXTINGUISHING SYSTEM TECHNICIANS
Technicians performing contract work involving the inspection, testing, maintenance, decommissioning and removal of halogenated extinguishing systems shall be trained in all aspects of safety related to halon systems and possess a current training certificate for inspecting, testing, and maintaining these components from a manufacturer or a certificate by an organization acceptable to the CO. The Contractor shall submit to the CO or their designee the certification document and expiration date, issued by the manufacture or testing organization confirming the technician has been trained, for each field technician and inspector responsible for performing the inspection, testing, maintenance, decommissioning and removal of halogenated extinguishing systems required under the terms of this contract

H.16.3.6 QUALIFICATIONS OF CARBON DIOXIDE EXTINGUISHING SYSTEM TECHNICIANS
Technicians performing contract work involving the inspection, testing, maintenance of carbon dioxide extinguishing systems shall be trained all aspects of safety related to carbon dioxide extinguishing systems, the operation and functions performed, and possess a current training certificate for inspecting, testing, and maintaining these components from an equipment manufacturer, installation company, or a certificate by an organization acceptable to the CO. The Contractor shall submit to the CO or their designee the certification document and expiration date, issued by the equipment manufacture or testing organization confirming the technician has been trained, for each field technician and inspector responsible for performing the inspection, testing, and maintenance of carbon dioxide extinguishing systems required under the terms of this contract.

H.16.3.7 QUALIFICATIONS OF VENTILATION SYSTEM FIRE EXTINGUISHING SYSTEM TECHNICIANS
Technicians performing contract work involving the inspection, testing, maintenance of fire extinguishing systems shall be trained and possess a current training certificate for inspecting, testing, and maintaining ventilation systems from an equipment manufacturer. The Contractor shall submit to the CO or their designee the certification document and expiration date, issued by the equipment manufacture confirming the technician has been trained, for each field technician and inspector responsible for performing the inspection, testing, and maintenance of fire extinguishing systems required under the terms of this contract.

H.16.3.8 QUALIFICATIONS OF SMOKE CONTROL TECHNICIANS
Technicians performing contract work involving the inspection, testing, and maintenance of smoke control systems shall be trained and possess a current training certificate for inspecting, testing, and maintaining these components from a manufacturer or a certificate by an organization acceptable to the CO. The Contractor shall submit to the CO or their designee the certification document and expiration date, issued by the manufacture or testing organization confirming the technician has been trained, for each field technician and inspector responsible for performing the inspection, testing, and maintenance of smoke control systems required under the terms of this contract.

H. 16.3.9 QUALIFICATION OF FIRE DAMPER, SMOKE DAMPER, AND COMBINATION FIRE/SMOKE DAMPER TECHNICIANS

Technicians performing contract work involving the inspection, testing, and maintenance of fire dampers, smoke dampers, radiation dampers, and combination fire/smoke dampers shall be trained and possess a current training certificate for inspecting, testing, and maintaining these components from an equipment manufacturer or a certificate by an organization acceptable to the CO. The Contractor shall submit to the CO or their designee the certification document and expiration date, issued by the equipment manufacture or testing organization confirming the technician has been trained, for each field technician and inspector responsible for performing the inspection, testing, and maintenance of fire dampers, smoke dampers, radiation dampers, and combination fire/smoke dampers required under the terms of this contract.

H.16.3.10 QUALIFICATIONS OF FIRE-RATED AND SMOKE DOOR ASSEMBLIES TECHNICIANS

Technicians performing contract work involving the inspection, testing, and maintenance of fire-rated door assemblies and smoke door assemblies shall be trained and possess a current training certificate for inspecting, testing, and maintaining these components from an equipment manufacturer or a certificate by an organization acceptable to the CO. The Contractor shall submit to the CO or their designee he certification document and expiration date, issued by the equipment manufacture or testing organization confirming the technician has been trained, for each field technician and inspector responsible for performing the inspection, testing, and maintenance of fire-rated door assemblies and smoke door assemblies required under the terms of this contract.

H.16.3.11 QUALIFICATIONS OF PORTABLE FIRE EXTINGUISHER TECHNICIANS

Technicians performing contract work involving the preventive maintenance and recharging of portable fire extinguishers shall be trained and possess a current training certificate for the specific type and brand of portable fire extinguisher being services or possess a current training test certificate by an organization acceptable to the CO. The Contractor shall submit to the CO or their designee the certification document and expiration date, issued by the manufacture or testing organization confirming the technician has been trained and passed a test, for each field technician and inspector responsible for performing dry chemical and wet chemical extinguishing system preventative maintenance and repair services required under the terms of this contract. Please note that these requirements do not apply to persons performing 30-day (i.e., monthly) inspections to determine if the unit is in place, charged, and ready for use.

H.16.3.12 QUALIFICATION OF EMERGENCY AND STANDBY POWER SYSTEM TECHNICIANS

Technicians performing contract work involving the inspection, testing, and maintenance of emergency and standby power systems shall be trained and possess a current training certificate for inspecting, testing, and maintaining these components from an equipment manufacturer or a certificate by an organization acceptable to the CO. The Contractor shall submit to the CO or their designee the certification document and expiration date, issued by the equipment manufacture or testing organization confirming the technician has been trained, for each field technician and inspector responsible for performing the inspection, testing, and maintenance of emergency and standby power systems required under the terms of this contract.

H.16.3.13 QUALIFICATIONS OF EMERGENCY LIGHTING EQUIPMENT AND EXIT SIGNAGE TECHNICIANS

Technicians performing contract work involving the inspection, testing, and maintenance of emergency lighting equipment and exit signage shall be trained and possess a current training certificate for inspecting, testing, and maintaining these components from an equipment manufacturer or a certificate by an organization acceptable to the CO. The Contractor shall submit to the CO or their designee the certification document and expiration date, issued by the equipment manufacture or testing organization confirming the technician has been trained, for each field technician and inspector responsible for performing the inspection, testing, and maintenance of emergency lighting equipment and exit signage required under the terms of this contract.

H.16.3.14 QUALIFICATIONS OF HVAC TECHNICIANS

All HVAC personnel designated to work on, operate, maintain, and (or) repair HVAC equipment or systems shall maintain a minimum of 16 hours of continuing education annually from a NATE, HVAC Excellence, or UA Star recognized provider program. All HVAC personnel designated to work on, operate, maintain, and (or) repair HVAC equipment or systems shall possess one or more of the following certifications:

1. North American Technician Excellence (N.A.T.E.) HVACR Service Technician Certification
2. HVAC Excellence Professional Level Certification
3. UA Star HVACR Mastery Certification

H.16.3.15 QUALIFICATIONS OF AMS, BAS TECHNICIANS

Alteration, adjustment and maintenance of all AMS, BAS, and EMS systems must be trained and qualified. The Contractor must provide to the CO or their designee documentation of the level of experience, including any certificates of training, for all employees who will be involved in this function. Technicians modifying AMS, BAS, and EMS systems must be factory trained and currently certified for the operating system, including software version, of the particular BAS and AMS systems and must provide documentation of this certification to the CO or designee.

Technicians maintaining systems that have been migrated behind the GSA firewall will be required to obtain HSPD-12 PIV card credentials and will need to maintain an up to date system profile. This will entail logging into the GSA system at a minimum of every 90 days to maintain their profile.

H.16.3.16 QUALIFICATIONS OF ELECTRICAL TECHNICIANS

Technicians performing Contract work involving the inspection, testing, and maintenance of the electrical switch gear must meet the qualification requirements of the American National Standards Institute/International Electrical Testing Association ETT-2000, Standard for Certification of Electrical Testing Technicians and hold at least a Level 3 or 4 (See Exhibit 13).
The Contractor shall provide documentation to the CO or their designee on qualifications identified in this standard. Certification can be obtained through; the ANSI/NETA Certification program (http://www.netaworld.org/press-release/251).

H.16.4 SUBMISSION OF RESUMES FOR NEW EMPLOYEES

The Contractor shall submit to the CO or their designee the resumes of all personnel before they begin work during the performance periods of the Contract. The CO or their designee may deny permission to employ personnel if qualifications indicate a material degradation from the skill levels indicated in the Contractor's proposal for the Contract, or if skills or reliability concerns are such that the CO or their designee believes the protection of building equipment may be jeopardized.

H.16.5 STATE LICENSING

All personnel shall be licensed and certified, or become licensed and certified within 90 calendar days of beginning employment, to perform work within their normal duties, where such licensing is required by the State for non-Federal locations. Contractor personnel shall also conform to all other licensing and certification requirements as described elsewhere in this document or in the Public Buildings Service Operations and Maintenance Standards.

H.16.6 COMPLIANCE WITH FEDERAL, STATE, AND LOCAL CODES

The Contractor shall comply with all applicable Federal, State and Local laws, regulations and codes. The Contractor is responsible for determining which requirements are applicable, and complying appropriately; the Contractor may ask advice of the CO or their designee in this regard. GSA also has a policy of voluntary conformity to certain State and Local code requirements even when permission or approvals from Local regulators are not required; the Contractor shall ask the advice of the CO or their designee when such issues arise.

H.17. GOVERNMENT-FURNISHED MATERIALS

The following items are furnished by the Government:

1. Electrical power at existing outlets for the Contractor to operate equipment that is necessary in the conduct of its work.
2. Hot and cold water as necessary, limited to the normal supply provided in the building. No special heating or cooling of the water will be provided.
3. Space in the building, including locker rooms, if available. Any existing equipment within GSA space, such as lockers, tables, benches, chairs, etc., placed within the building by the Government may be used by the Contractor during the term of the Contract, provided authorization is received from the CO or designee. This space and equipment shall be kept neat and clean and returned to the Government at the expiration of the Contract in reasonably the same condition as at the time of entering into the Contract.
4. Space in the building for the storage of an inventory of supplies and equipment that will be used in the performance of work under the Contract. The Contractor shall maintain this space in a clean, neat, and orderly condition. Under no circumstances may the Contractor store flammable or explosive liquids (naphtha, gasoline, etc.) in the building. The Government will not be responsible in any way for damage or loss to the Contractor's stored supplies, materials, replacement parts, or equipment.
5. Space in the building, when available, and furniture and furnishings (to include telephones for restricted use) for a supervisor's office to be used for official business only in the performance of this Contract. If the Government supplies telephones, they shall only be used for communication related to the Contract. The Contractor or the Contractor’s employees shall not use Government property in any manner for any personal advantage, business gain, or other personal endeavor.
6. Custodial closets, where available, at various points throughout the building, for storing equipment, including mops, brooms, dust cloths, and other items. These closets and the stored equipment shall be kept clean and organized by the Contractor. Sinks and buckets shall be kept clean and free of standing water and hoses shall not be left connected to faucets when not in use.
7. Heating and air conditioning of the space to be cleaned will be provided only during normal building operating hours.
8. NCMMS

H.17.1 REQUIREMENTS FOR NETWORK CONNECTION

Government-furnished network equipment and computer hardware must be used in all cases for PBS IT systems. Network equipment- includes any equipment that has IP routing and switching functionality.

1. Computer hardware- includes, but is not limited to servers, PCs, laptops and their peripherals (monitors, mice and keyboards).
2. Proprietary system hardware/software can be vendor provided, but is subject to network and system testing, review and approval for connection to GSA's network and acceptance of the PBS CIO.

Government Furnished Equipment: PBS CIO will make every effort to provide one desktop and/or one laptop to newly integrated Building Automation Systems (to the GSA network) sites for the purposes of giving new GSA users access to the building monitoring and control systems. Please note: availability of hardware is depending on the availability of budgeted funds dedicated for this purpose, which may or may not be renewed on an annual basis. Existing GSA workstation refreshes will still be coordinated through regional local OCIO's office. No hardware (workstations, servers, switches) will be provided unless an approved network diagram is submitted.

Use of Government Information Technology:
Contractor personnel requiring access to GSA's Network shall comply with all Federal Information Technology (IT) regulations regarding Trusted Internet Connection (TIC) in conjunction with PBS and GSA Chief Information Officer (CIO) IT policies, i.e., all PBS IT systems needing network connectivity must reside on the GSA network.

Reference documentation related to building monitoring and control systems (BMC): Please reference the Technology Policy for PBS-Owned Buildings Monitoring and Control Systems and Building Technologies Technical Reference Guide for guidance related to the technical integration of building monitoring and control systems (BMC) to the GSA network and within its GSA's information technology (IT) environment.

H.18. CONTRACTOR-FURNISHED MATERIALS

1. The Contractor shall provide all labor, services, supplies, material, and equipment necessary to efficiently and effectively perform the requirements of this Contract, except as explicitly stated within this document.
2. The Contractor shall provide at their expense an onsite computer with broadband Internet service.

H.19. ADDITIONAL SERVICES INDEFINITE QUANTITY PROVISIONS

H.19.1 GENERAL

The CO or their designee may order additional services at his or her discretion. Additional services may include any services related to O&M and repairs, systems upgrades, system operation, or tenant services within covered facilities but not covered within basic services (i.e., not already a requirement of the Contract).

H.19.2 PRICE PROPOSAL FOR ADDITIONAL SERVICES WORK

At the request of the CO or designee, the Contractor shall provide a price proposal to accomplish an additional services job within 48 hours of the request. The price proposal shall follow the pricing guidelines described in this document. Price proposals for additional services become firm fixed price on

acceptance and order by the Government. Although price negotiation and determination of price reasonableness is made on the basis of labor, materials, and subcontract costs following the pricing guidelines described in this document, the price accepted is not adjusted after completion of work to actual man-hours or actual materials cost.

The maximum order limit for upgrades under this contract is $250,000 per order which includes repairs resulting from vandalism, force majeure or safety inspections.

Below is the average numbers of ARS issued and funded during a 12 month period. These numbers should be used for informational purpose only since these numbers and funding are varied in a yearly basis.
ARS issued: 70
ARS Funded: $1,265,561

H.19.3 PRICING

The Contractor's price proposal for an Additional Services job shall follow the guidelines described below.

H.19.4 PARTS AND MATERIALS

If parts or materials are required for a project, the Government may provide the parts or materials, or the Contractor may be asked to provide the parts and materials. Parts and materials shall be priced at estimated actual cost marked up by the standard coefficient in the price schedule if stated. The CO or their designee may accept a different markup rate for parts and materials if the Contractor can demonstrate unusual costs or difficulties in obtaining the parts or materials.

H.19.5. LABOR

Price proposals shall use the labor rates established in the price schedule, unless work is subcontracted. The labor categories in the price schedule correlate with the categories in the Service Contract Act Directory of Occupations. The rate will be determined by the nature of the work, not the usual job classification of the individuals performing the work.

H.19.6 SUBCONTRACTS

If work is to be subcontracted, the subcontracted part of the work is to be priced at actual cost to the Contractor, marked up by the standard coefficient in the price schedule.

H.19.7 COST DOCUMENTATION

If the Contractor provides the parts and materials, or if work is subcontracted, the Contractor shall furnish on request copies of invoices, vendor quotes, or receipts, either with the Contractor's proposal or as substantiating documentation with the Contractor's invoice after completion of work.

H.19.8 COMPETITIVE BIDS

If a single part or component, or a single type (line item) of parts, components, or materials for a project is anticipated to equal or exceed ***$10,000*** the CO or their designee will require that the Contractor obtain three bids from suppliers and include documentation of these bids with his proposal. If subcontract work is anticipated to cost more than ***$10,000*** the CO or their designee will require that the Contractor obtain three bids from potential subcontractors and include documentation of these bids with his proposal.

For Davis Bacon equal works will require $2,000 for competitive bidding.

H.19.9 METHOD OF ORDERING AND INVOICING

The CO or their designee may order work priced at less than ***$10,000*** orally. The CO or their designee shall issue a Task Order (GSA Form 300) for work costing ***$10,000*** or more.

H.20. AWARD FEE

RESERVED

H.21. STRIKE CONTINGENCY PLAN (SCP)

The Contractor shall prepare a Strike Contingency Plan (SCP) to be used in the event of a strike by his employees. The SCP shall be submitted to the CO or their designee 5 calendar days prior to Contract start date and updated annually. At a minimum, the SCP shall include the following information:

1. Support Personnel: The SCP shall describe in detail how the Contractor shall staff the building to provide the services defined in this document in the event of strikes by his employees. This includes HSPD-12.
2. License and Certifications: The SCP shall describe in detail how the Contractor will provide personnel that meet experience requirements, assuring the Government that all temporary or replacement employees (including subcontractor employees) shall meet the experience and license requirements defined in this document.

H.22. OCCUPANCT EMERGENCY PLAN (OEP)

The Government's Occupant Emergency Plan (OEP) is used by the CO or their designee during building emergencies. Designated Contractor personnel, including, the onsite supervisors, shall be thoroughly familiar with the Government's OEP and shall be trained by the Contractor to fully understand their responsibilities relative to each emergency plan. The Contractor shall participate in fire and other emergency drills. The Contractor shall be required to perform the services required by the Contract and as identified by the CO or their designee o the extent allowed during all emergency situations, including, but not limited to fires, accident and rescue operations, Contractor personnel strikes, civil disturbances, natural disasters, and utility service outages.

Contractor shall be responsible the OEP updates in coordination with the USMS and Courts. Contractor shall plan, organize and provide building wide training annually on the OEP. The Contractor shall operate the facility and participate in emergency operations in support Occupant Emergency Plan (OEP) as specified in Section H.22.

H.23. CONTRACTOR PANDEMIC PLAN

The Government is required by the National Strategy for Pandemic Influenza Preparedness and to have a plan that safeguards its employees and provides for continued operations in the event of an influenza pandemic. The Contractor shall also prepare a plan that outlines the steps that they must take to prevent and reduce the spread and mitigate the potential effect of an influenza pandemic on facilities operations. Given the unpredictable length and severity of a pandemic, the Contractor's plan shall link their planned actions to the periods and phases established the World Health Organization for a pandemic cycle. For information on the phases of a pandemic cycle see http://www.who.int/csr/disease/swineflu/phase/en/. The plan shall be submitted to the CO or his/her

designee within thirty (30) calendar days of the start of the Contract. See components of Pandemic Planning at http://www.ed.gov/admins/lead/safety/emergencyplan/pandemic/planning-guide/basic.pdf

H.24 CONSERVATION

Conservation is a planned and organized approach designed to conserve non-renewable sources. The Contractor shall ensure that work under this contract is performed in a manner that conserves energy, water, and other Government resources. Contractor shall take the necessary steps through training, communication, and implementing appropriate procedures in their use of natural resource consuming equipment and processes. This will preserve resources and support GSA's sustainability goals.

The Contractor shall ensure that their employees support the Government's efforts to comply with Section 102 of the Energy Policy Act of 2005 (EPAct), the Energy Independence and Security Act of 2007, Executive Order (EO) 13154, and EO 13423 which requires the Government to reduce Agency energy use.

The Contractor shall employ practices that reduce dependency on non-renewable sources of energy. The Contractor's personnel shall turn off lights in unoccupied areas where possible, once the area is cleaned. The Contractor shall close window blinds when practical, especially in the summer time, over long weekends, and during extended closures of the building.

The Contractor shall use their equipment in an efficient manner by turning it off during times it is not in use. When replacing existing equipment, the Contractor shall strive to acquire replacement equipment in the top 25% of efficiency as per the Energy Star guidelines. The Contractor shall never turn off or unplug Government equipment in the space they are cleaning without prior written approval by the CO or their designee.

The Contractor shall employ products, equipment and practices that eliminate wasteful use of water.

H.25 LEED-EB

This building shall seek Leadership in Energy and Environmental Design (LEED) certification, which requires more stringent guidelines and record keeping. Criteria for specific LEED existing buildings (EB) credits will be provided by the LEED-EB Project Manager or designee. More information on LEED-EB is found at www.usgbc.org.

I. CONTRACT CLAUSES

CLAUSES INCORPORATED BY FULL TEXT:

52.212-4 Contract Terms and Conditions—Commercial Items.

As prescribed in 12.301(b)(3), insert the following clause:

CONTRACT TERMS AND CONDITIONS—COMMERCIAL ITEMS (JAN 2017)

(a) ***Inspection/Acceptance***. The Contractor shall only tender for acceptance those items that conform to the requirements of this contract. The Government reserves the right to inspect or test any supplies or services that have been tendered for acceptance. The Government may require repair or replacement of nonconforming supplies or reperformance of nonconforming services at no increase in contract price. If repair/replacement or reperformance will not correct the defects or is not possible, the Government may seek an equitable price reduction or adequate consideration for acceptance of nonconforming supplies or services. The Government must exercise its post-acceptance rights—

(1) Within a reasonable time after the defect was discovered or should have been discovered; and

(2) Before any substantial change occurs in the condition of the item, unless the change is due to the defect in the item.

(b) ***Assignment***. The Contractor or its assignee may assign its rights to receive payment due as a result of performance of this contract to a bank, trust company, or other financing institution, including any Federal lending agency in accordance with the Assignment of Claims Act (31 U.S.C. 3727). However, when a third party makes payment (***e.g.,*** use of the Governmentwide commercial purchase card), the Contractor may not assign its rights to receive payment under this contract.

(c) ***Changes***. Changes in the terms and conditions of this contract may be made only by written agreement of the parties.

(d) ***Disputes***. This contract is subject to 41 U.S.C. chapter 71, Contract Disputes. Failure of the parties to this contract to reach agreement on any request for equitable adjustment, claim, appeal or action arising under or relating to this contract shall be a dispute to be resolved in accordance with the clause at FAR 52.233-1, Disputes, which is incorporated herein by reference. The Contractor shall proceed diligently with performance of this contract, pending final resolution of any dispute arising under the contract.

(e) ***Definitions***. The clause at FAR 52.202-1, Definitions, is incorporated herein by reference.

(f) ***Excusable delays***. The Contractor shall be liable for default unless nonperformance is caused by an occurrence beyond the reasonable control of the Contractor and without its fault or negligence such as, acts of God or the public enemy, acts of the Government in either its sovereign or contractual capacity, fires, floods, epidemics, quarantine restrictions, strikes, unusually severe weather, and delays of common carriers. The Contractor shall notify the Contracting Officer in writing as soon as it is reasonably possible after the commencement of any excusable delay, setting forth the full particulars in connection therewith, shall remedy such occurrence with all reasonable dispatch, and shall promptly give written notice to the Contracting Officer of the cessation of such occurrence.

(g) Invoice.

(1) The Contractor shall submit an original invoice and three copies (or electronic invoice, if authorized) to the address designated in the contract to receive invoices. An invoice must include—

(i) Name and address of the Contractor;

(ii) Invoice date and number;

(iii) Contract number, line item number and, if applicable, the order number;

(iv) Description, quantity, unit of measure, unit price and extended price of the items delivered;

(v) Shipping number and date of shipment, including the bill of lading number and weight of shipment if shipped on Government bill of lading;

(vi) Terms of any discount for prompt payment offered;

(vii) Name and address of official to whom payment is to be sent;

(viii) Name, title, and phone number of person to notify in event of defective invoice; and

(ix) Taxpayer Identification Number (TIN). The Contractor shall include its TIN on the invoice only if required elsewhere in this contract.

(x) Electronic funds transfer (EFT) banking information.

(A) The Contractor shall include EFT banking information on the invoice only if required elsewhere in this contract.

(B) If EFT banking information is not required to be on the invoice, in order for the invoice to be a proper invoice, the Contractor shall have submitted correct EFT banking information in accordance with the applicable solicitation provision, contract clause (***e.g.,*** 52.232-33, Payment by Electronic Funds Transfer—System for Award Management, or 52.232-34, Payment by Electronic Funds Transfer—Other Than System for Award Management), or applicable agency procedures.

(C) EFT banking information is not required if the Government waived the requirement to pay by EFT.

(2) Invoices will be handled in accordance with the Prompt Payment Act (31 U.S.C. 3903) and Office of Management and Budget (OMB) prompt payment regulations at 5 CFR Part 1315.

(h) ***Patent indemnity***. The Contractor shall indemnify the Government and its officers, employees and agents against liability, including costs, for actual or alleged direct or contributory infringement of, or inducement to infringe, any United States or foreign patent, trademark or copyright, arising out of the performance of this contract, provided the Contractor is reasonably notified of such claims and proceedings.

(i) Payment.—

(1) ***Items accepted***. Payment shall be made for items accepted by the Government that have been delivered to the delivery destinations set forth in this contract.

(2) ***Prompt payment***. The Government will make payment in accordance with the Prompt Payment Act (31 U.S.C. 3903) and prompt payment regulations at 5 CFR Part 1315.

(3) ***Electronic Funds Transfer (EFT)***. If the Government makes payment by EFT, see 52.212-5(b) for the appropriate EFT clause.

(4) ***Discount***. In connection with any discount offered for early payment, time shall be computed from the date of the invoice. For the purpose of computing the discount earned, payment shall be

considered to have been made on the date which appears on the payment check or the specified payment date if an electronic funds transfer payment is made.

(5) ***Overpayments***. If the Contractor becomes aware of a duplicate contract financing or invoice payment or that the Government has otherwise overpaid on a contract financing or invoice payment, the Contractor shall—

(i) Remit the overpayment amount to the payment office cited in the contract along with a description of the overpayment including the—

(A) Circumstances of the overpayment (***e.g.***, duplicate payment, erroneous payment, liquidation errors, date(s) of overpayment);

(B) Affected contract number and delivery order number, if applicable;

(C) Affected line item or subline item, if applicable; and

(D) Contractor point of contact.

(ii) Provide a copy of the remittance and supporting documentation to the Contracting Officer.

(6) ***Interest***.

(i) All amounts that become payable by the Contractor to the Government under this contract shall bear simple interest from the date due until paid unless paid within 30 days of becoming due. The interest rate shall be the interest rate established by the Secretary of the Treasury as provided in 41 U.S.C. 7109 , which is applicable to the period in which the amount becomes due, as provided in (i)(6)(v) of this clause, and then at the rate applicable for each six-month period as fixed by the Secretary until the amount is paid.

(ii) The Government may issue a demand for payment to the Contractor upon finding a debt is due under the contract.

(iii) ***Final decisions***. The Contracting Officer will issue a final decision as required by 33.211 if—

(A) The Contracting Officer and the Contractor are unable to reach agreement on the existence or amount of a debt within 30 days;

(B) The Contractor fails to liquidate a debt previously demanded by the Contracting Officer within the timeline specified in the demand for payment unless the amounts were not repaid because the Contractor has requested an installment payment agreement; or

(C) The Contractor requests a deferment of collection on a debt previously demanded by the Contracting Officer (see 32.607-2).

(iv) If a demand for payment was previously issued for the debt, the demand for payment included in the final decision shall identify the same due date as the original demand for payment.

(v) Amounts shall be due at the earliest of the following dates:

(A) The date fixed under this contract.

(B) The date of the first written demand for payment, including any demand for payment resulting from a default termination.

(vi) The interest charge shall be computed for the actual number of calendar days involved beginning on the due date and ending on—

(A) The date on which the designated office receives payment from the Contractor;

(B) The date of issuance of a Government check to the Contractor from which an amount otherwise payable has been withheld as a credit against the contract debt; or

(C) The date on which an amount withheld and applied to the contract debt would otherwise have become payable to the Contractor.

(vii) The interest charge made under this clause may be reduced under the procedures prescribed in 32.608-2 of the Federal Acquisition Regulation in effect on the date of this contract.

(j) ***Risk of loss***. Unless the contract specifically provides otherwise, risk of loss or damage to the supplies provided under this contract shall remain with the Contractor until, and shall pass to the Government upon:

(1) Delivery of the supplies to a carrier, if transportation is f.o.b. origin; or

(2) Delivery of the supplies to the Government at the destination specified in the contract, if transportation is f.o.b. destination.

(k) ***Taxes***. The contract price includes all applicable Federal, State, and local taxes and duties.

(l) ***Termination for the Government's convenience***. The Government reserves the right to terminate this contract, or any part hereof, for its sole convenience. In the event of such termination, the Contractor shall immediately stop all work hereunder and shall immediately cause any and all of its suppliers and subcontractors to cease work. Subject to the terms of this contract, the Contractor shall be paid a percentage of the contract price reflecting the percentage of the work performed prior to the notice of termination, plus reasonable charges the Contractor can demonstrate to the satisfaction of the Government using its standard record keeping system, have resulted from the termination. The Contractor shall not be required to comply with the cost accounting standards or contract cost principles for this purpose. This paragraph does not give the Government any right to audit the Contractor's records. The Contractor shall not be paid for any work performed or costs incurred which reasonably could have been avoided.

(m) ***Termination for cause***. The Government may terminate this contract, or any part hereof, for cause in the event of any default by the Contractor, or if the Contractor fails to comply with any contract terms and conditions, or fails to provide the Government, upon request, with adequate assurances of future performance. In the event of termination for cause, the Government shall not be liable to the Contractor for any amount for supplies or services not accepted, and the Contractor shall be liable to the Government for any and all rights and remedies provided by law. If it is determined that the Government improperly terminated this contract for default, such termination shall be deemed a termination for convenience.

(n) ***Title***. Unless specified elsewhere in this contract, title to items furnished under this contract shall pass to the Government upon acceptance, regardless of when or where the Government takes physical possession.

(o) ***Warranty***. The Contractor warrants and implies that the items delivered hereunder are merchantable and fit for use for the particular purpose described in this contract.

(p) ***Limitation of liability***. Except as otherwise provided by an express warranty, the Contractor will not be liable to the Government for consequential damages resulting from any defect or deficiencies in accepted items.

(q) ***Other compliances***. The Contractor shall comply with all applicable Federal, State and local laws, executive orders, rules and regulations applicable to its performance under this contract.

(r) ***Compliance with laws unique to Government contracts.*** The Contractor agrees to comply with 31 U.S.C. 1352 relating to limitations on the use of appropriated funds to influence certain Federal contracts; 18 U.S.C. 431 relating to officials not to benefit; 40 U.S.C. chapter 37, Contract Work Hours

and Safety Standards; 41 U.S.C. chapter 87, Kickbacks; 41 U.S.C. 4712 and 10 U.S.C. 2409 relating to whistleblower protections; 49 U.S.C. 40118, Fly American; and 41 U.S.C. chapter 21 relating to procurement integrity.

(s) ***Order of precedence***. Any inconsistencies in this solicitation or contract shall be resolved by giving precedence in the following order:

(1) The schedule of supplies/services.

(2) The Assignments, Disputes, Payments, Invoice, Other Compliances, Compliance with Laws Unique to Government Contracts, and Unauthorized Obligations paragraphs of this clause;

(3) The clause at 52.212-5.

(4) Addenda to this solicitation or contract, including any license agreements for computer software.

(5) Solicitation provisions if this is a solicitation.

(6) Other paragraphs of this clause.

(7) The Standard Form 1449.

(8) Other documents, exhibits, and attachments.

(9) The specification.

(t) System for Award Management (SAM).

(1) Unless exempted by an addendum to this contract, the Contractor is responsible during performance and through final payment of any contract for the accuracy and completeness of the data within the SAM database, and for any liability resulting from the Government's reliance on inaccurate or incomplete data. To remain registered in the SAM database after the initial registration, the Contractor is required to review and update on an annual basis from the date of initial registration or subsequent updates its information in the SAM database to ensure it is current, accurate and complete. Updating information in the SAM does not alter the terms and conditions of this contract and is not a substitute for a properly executed contractual document.

(2)(i) If a Contractor has legally changed its business name, "doing business as" name, or division name (whichever is shown on the contract), or has transferred the assets used in performing the contract, but has not completed the necessary requirements regarding novation and change-of-name agreements in FAR subpart 42.12, the Contractor shall provide the responsible Contracting Officer a minimum of one business day's written notification of its intention to (A) change the name in the SAM database; (B) comply with the requirements of subpart 42.12; and (C) agree in writing to the timeline and procedures specified by the responsible Contracting Officer. The Contractor must provide with the notification sufficient documentation to support the legally changed name.

(ii) If the Contractor fails to comply with the requirements of paragraph (t)(2)(i) of this clause, or fails to perform the agreement at paragraph (t)(2)(i)(C) of this clause, and, in the absence of a properly executed novation or change-of-name agreement, the SAM information that shows the Contractor to be other than the Contractor indicated in the contract will be considered to be incorrect information within the meaning of the "Suspension of Payment" paragraph of the electronic funds transfer (EFT) clause of this contract.

(3) The Contractor shall not change the name or address for EFT payments or manual payments, as appropriate, in the SAM record to reflect an assignee for the purpose of assignment of claims (see

subpart 32.8, Assignment of Claims). Assignees shall be separately registered in the SAM database. Information provided to the Contractor's SAM record that indicates payments, including those made by EFT, to an ultimate recipient other than that Contractor will be considered to be incorrect information within the meaning of the "Suspension of payment" paragraph of the EFT clause of this contract.

(4) Offerors and Contractors may obtain information on registration and annual confirmation requirements via SAM accessed through https://www.acquisition.gov.

(u) Unauthorized Obligations

(1) Except as stated in paragraph (u)(2) of this clause, when any supply or service acquired under this contract is subject to any End User License Agreement (EULA), Terms of Service (TOS), or similar legal instrument or agreement, that includes any clause requiring the Government to indemnify the Contractor or any person or entity for damages, costs, fees, or any other loss or liability that would create an Anti-Deficiency Act violation (31 U.S.C. 1341), the following shall govern:

(i) Any such clause is unenforceable against the Government.

(ii) Neither the Government nor any Government authorized end user shall be deemed to have agreed to such clause by virtue of it appearing in the EULA, TOS, or similar legal instrument or agreement. If the EULA, TOS, or similar legal instrument or agreement is invoked through an "I agree" click box or other comparable mechanism (e.g., "click-wrap" or "browse-wrap" agreements), execution does not bind the Government or any Government authorized end user to such clause.

(iii) Any such clause is deemed to be stricken from the EULA, TOS, or similar legal instrument or agreement.

(2) Paragraph (u)(1) of this clause does not apply to indemnification by the Government that is expressly authorized by statute and specifically authorized under applicable agency regulations and procedures.

(v) Incorporation by reference. The Contractor's representations and certifications, including those completed electronically via the System for Award Management (SAM), are incorporated by reference into the contract.

(End of clause)

IBR

52.212-5 -- Contract Terms and Conditions Required to Implement Statutes or Executive Orders -- Commercial Items.

As prescribed in 12.301(b)(4), insert the following clause:

Contract Terms and Conditions Required to Implement Statutes or Executive Orders -- (a) The Contractor shall comply with the following Federal Acquisition Regulation (FAR) clauses, which are incorporated in this contract by reference, to implement provisions of law or Executive orders applicable to acquisitions of commercial items:

(1) 52.203-19, Prohibition on Requiring Certain Internal Confidentiality Agreements or Statements (JAN 2017) (section 743 of Division E, Title VII, of the Consolidated and Further Continuing Appropriations Act, 2015 (Pub. L. 113-235) and its successor provisions in subsequent appropriations acts (and as extended in continuing resolutions)).

(2) 52.209-10, Prohibition on Contracting with Inverted Domestic Corporations (Nov 2015).

(3) 52.233-3, Protest After Award (AUG 1996) (31 U.S.C. 3553).

(4) 52.233-4, Applicable Law for Breach of Contract Claim (OCT 2004)(Public Laws 108-77 and 108-78 (19 U.S.C. 3805 note)).

(b) The Contractor shall comply with the FAR clauses in this paragraph (b) that the Contracting Officer has indicated as being incorporated in this contract by reference to implement provisions of law or Executive orders applicable to acquisitions of commercial items:

[Contracting Officer check as appropriate.]

X (1) 52.203-6, Restrictions on Subcontractor Sales to the Government (Sept 2006), with Alternate I (Oct 1995) (41 U.S.C. 4704 and 10 U.S.C. 2402).

X (2) 52.203-13, Contractor Code of Business Ethics and Conduct (Oct 2015) (41 U.S.C. 3509)).

__ (3) 52.203-15, Whistleblower Protections under the American Recovery and Reinvestment Act of 2009 (June 2010) (Section 1553 of Pub. L. 111-5). (Applies to contracts funded by the American Recovery and Reinvestment Act of 2009.)

X (4) 52.204-10, Reporting Executive Compensation and First-Tier Subcontract Awards (Oct 2016) (Pub. L. 109-282) (31 U.S.C. 6101 note).

__ (5) [Reserved].

X (6) 52.204-14, Service Contract Reporting Requirements (Oct 2016) (Pub. L. 111-117, section 743 of Div. C).

X (7) 52.204-15, Service Contract Reporting Requirements for Indefinite-Delivery Contracts (Oct 2016) (Pub. L. 111-117, section 743 of Div. C).

X (8) 52.209-6, Protecting the Government's Interest When Subcontracting with Contractors Debarred, Suspended, or Proposed for Debarment. (Oct 2015) (31 U.S.C. 6101 note).

__ (9) 52.209-9, Updates of Publicly Available Information Regarding Responsibility Matters (Jul 2013) (41 U.S.C. 2313).

__ (10) [Reserved].

X (11)(i) 52.219-3, Notice of HUBZone Set-Aside or Sole-Source Award (Nov 2011) (15 U.S.C. 657a).

X (ii) Alternate I (Nov 2011) of 52.219-3.

X (12)(i) 52.219-4, Notice of Price Evaluation Preference for HUBZone Small Business Concerns (OCT 2014) (if the offeror elects to waive the preference, it shall so indicate in its offer) (15 U.S.C. 657a).

X (ii) Alternate I (JAN 2011) of 52.219-4.

__ (13) [Reserved]

X (14)(i) 52.219-6, Notice of Total Small Business Set-Aside (Nov 2011) (15 U.S.C. 644).

__ (ii) Alternate I (Nov 2011).

__ (iii) Alternate II (Nov 2011).

X (15)(i) 52.219-7, Notice of Partial Small Business Set-Aside (June 2003) (15 U.S.C. 644).

__ (ii) Alternate I (Oct 1995) of 52.219-7.

__ (iii) Alternate II (Mar 2004) of 52.219-7.

X (16) 52.219-8, Utilization of Small Business Concerns (Nov 2016) (15 U.S.C. 637(d)(2) and (3)).

X (17)(i) 52.219-9, Small Business Subcontracting Plan (Jan 2017) (15 U.S.C. 637(d)(4)).

__ (ii) Alternate I (Nov 2016) of 52.219-9.

X (iii) Alternate II (Nov 2016) of 52.219-9.

__ (iv) Alternate III (Nov 2016) of 52.219-9.

__ (v) Alternate IV (Nov 2016) of 52.219-9.

__ (18) 52.219-13, Notice of Set-Aside of Orders (Nov 2011) (15 U.S.C. 644(r)).

X (19) 52.219-14, Limitations on Subcontracting (Jan 2017) (15 U.S.C. 637(a)(14)).

__ (20) 52.219-16, Liquidated Damages.Subcon-tracting Plan (Jan 1999) (15 U.S.C. 637(d)(4)(F)(i)).

__ (21) 52.219-27, Notice of Service-Disabled Veteran-Owned Small Business Set-Aside (Nov 2011) (15 U.S.C. 657 f).

X (22) 52.219-28, Post Award Small Business Program Rerepresentation (Jul 2013) (15 U.S.C. 632(a)(2)).

__ (23) 52.219-29, Notice of Set-Aside for, or Sole Source Award to, Economically Disadvantaged Women-Owned Small Business Concerns (Dec 2015) (15 U.S.C. 637(m)).

__ (24) 52.219-30, Notice of Set-Aside for, or Sole Source Award to, Women-Owned Small Business Concerns Eligible Under the Women-Owned Small Business Program (Dec 2015) (15 U.S.C. 637(m)).

X (25) 52.222-3, Convict Labor (June 2003) (E.O. 11755).

__ (26) 52.222-19, Child Labor.Cooperation with Authorities and Remedies (Oct 2016) (E.O. 13126).

X (27) 52.222-21, Prohibition of Segregated Facilities (Apr 2015).

X (28) 52.222-26, Equal Opportunity (Sept 2016) (E.O. 11246).

X (29) 52.222-35, Equal Opportunity for Veterans (Oct 2015)(38 U.S.C. 4212).

X (30) 52.222-36, Equal Opportunity for Workers with Disabilities (Jul 2014) (29 U.S.C. 793).

X (31) 52.222-37, Employment Reports on Veterans (FEB 2016) (38 U.S.C. 4212).

X (32) 52.222-40, Notification of Employee Rights Under the National Labor Relations Act (Dec 2010) (E.O. 13496).

X (33)(i) 52.222-50, Combating Trafficking in Persons (Mar 2015) (22 U.S.C. chapter 78 and E.O. 13627).

__ (ii) Alternate I (Mar 2015) of 52.222-50 (22 U.S.C. chapter 78 and E.O. 13627).

X (34) 52.222-54, Employment Eligibility Verification (Oct 2015). (Executive Order 12989). (Not applicable to the acquisition of commercially available off-the-shelf items or certain other types of commercial items as prescribed in 22.1803.)

X (35)(i) 52.223-9, Estimate of Percentage of Recovered Material Content for EPA–Designated Items (May 2008) (42 U.S.C. 6962(c)(3)(A)(ii)). (Not applicable to the acquisition of commercially available off-the-shelf items.)

__ (ii) Alternate I (May 2008) of 52.223-9 (42 U.S.C. 6962(i)(2)(C)). (Not applicable to the acquisition of commercially available off-the-shelf items.)

X (36) 52.223-11, Ozone-Depleting Substances and High Global Warming Potential Hydrofluorocarbons (Jun 2016) (E.O. 13693).

__ (37) 52.223-12, Maintenance, Service, Repair, or Disposal of Refrigeration Equipment and Air Conditioners (Jun 2016) (E.O. 13693).

__ (38)(i) 52.223-13, Acquisition of EPEAT®-Registered Imaging Equipment (Jun 2014) (E.O.s 13423 and 13514).

__ (ii) Alternate I (Oct 2015) of 52.223-13.

__ (39)(i) 52.223-14, Acquisition of EPEAT®-Registered Televisions (Jun 2014) (E.O.s 13423 and 13514).

__ (ii) Alternate I (Jun 2014) of 52.223-14.

X (40) 52.223-15, Energy Efficiency in Energy-Consuming Products (Dec 2007) (42 U.S.C. 8259b).

__ (41)(i) 52.223-16, Acquisition of EPEAT®-Registered Personal Computer Products (Oct 2015) (E.O.s 13423 and 13514).

__ (ii) Alternate I (Jun 2014) of 52.223-16.

X (42) 52.223-18, Encouraging Contractor Policies to Ban Text Messaging While Driving (Aug 2011) (E.O. 13513).

__ (43) 52.223-20, Aerosols (Jun 2016) (E.O. 13693).

__ (44) 52.223-21, Foams (Jun 2016) (E.O. 13693).

__ (45)(i) 52.224-3, Privacy Training (JAN 2017) (5 U.S.C. 552a).

__ (ii) Alternate I (JAN 2017) of 52.224-3.

__ (46) 52.225-1, Buy American.Supplies (May 2014) (41 U.S.C. chapter 83).

__ (47)(i) 52.225-3, Buy American.Free Trade Agreements.Israeli Trade Act (May 2014) (41 U.S.C. chapter 83, 19 U.S.C. 3301 note, 19 U.S.C. 2112 note, 19 U.S.C. 3805 note, 19 U.S.C. 4001 note, Pub. L. 103-182, 108-77, 108-78, 108-286, 108-302, 109-53, 109-169, 109-283, 110-138, 112-41, 112-42, and 112-43.

__ (ii) Alternate I (May 2014) of 52.225-3.

__ (iii) Alternate II (May 2014) of 52.225-3.

__ (iv) Alternate III (May 2014) of 52.225-3.

__ (48) 52.225-5, Trade Agreements (Oct 2016) (19 U.S.C. 2501, et seq., 19 U.S.C. 3301 note).

__ (49) 52.225-13, Restrictions on Certain Foreign Purchases (June 2008) (E.O.'s, proclamations, and statutes administered by the Office of Foreign Assets Control of the Department of the Treasury).

__ (50) 52.225-26, Contractors Performing Private Security Functions Outside the United States (Oct 2016) (Section 862, as amended, of the National Defense Authorization Act for Fiscal Year 2008; 10 U.S.C. 2302 Note).

__ (51) 52.226-4, Notice of Disaster or Emergency Area Set-Aside (Nov 2007) (42 U.S.C. 5150).

__ (52) 52.226-5, Restrictions on Subcontracting Outside Disaster or Emergency Area (Nov 2007) (42 U.S.C. 5150).

__ (53) 52.232-29, Terms for Financing of Purchases of Commercial Items (Feb 2002) (41 U.S.C. 4505, 10 U.S.C. 2307(f)).

__ (54) 52.232-30, Installment Payments for Commercial Items (Jan 2017) (41 U.S.C. 4505, 10 U.S.C. 2307(f)).

__ (55) 52.232-33, Payment by Electronic Funds Transfer.System for Award Management (Jul 2013) (31 U.S.C. 3332).

__ (56) 52.232-34, Payment by Electronic Funds Transfer.Other than System for Award Management (Jul 2013) (31 U.S.C. 3332).

__ (57) 52.232-36, Payment by Third Party (May 2014) (31 U.S.C. 3332).

__ (58) 52.239-1, Privacy or Security Safeguards (Aug 1996) (5 U.S.C. 552a).

__ (59) 52.242-5, Payments to Small Business Subcontractors (JAN 2017)(15 U.S.C. 637(d)(12)).

__ (60)(i) 52.247-64, Preference for Privately Owned U.S.-Flag Commercial Vessels (Feb 2006) (46 U.S.C. Appx. 1241(b) and 10 U.S.C. 2631).

__ (ii) Alternate I (Apr 2003) of 52.247-64.

(c) The Contractor shall comply with the FAR clauses in this paragraph (c), applicable to commercial services, that the Contracting Officer has indicated as being incorporated in this contract by reference to implement provisions of law or Executive orders applicable to acquisitions of commercial items:

[Contracting Officer check as appropriate.]

X (1) 52.222-17, Nondisplacement of Qualified Workers (May 2014)(E.O. 13495).

X (2) 52.222-41, Service Contract Labor Standards (May 2014) (41 U.S.C. chapter 67).

X (3) 52.222-42, Statement of Equivalent Rates for Federal Hires (May 2014) (29 U.S.C. 206 and 41 U.S.C. chapter 67).

X (4) 52.222-43, Fair Labor Standards Act and Service Contract Labor Standards-Price Adjustment (Multiple Year and Option Contracts) (May 2014) (29 U.S.C. 206 and 41 U.S.C. chapter 67).

__ (5) 52.222-44, Fair Labor Standards Act and Service Contract Labor Standards.Price Adjustment (May 2014) (29 U.S.C. 206 and 41 U.S.C. chapter 67).

__ (6) 52.222-51, Exemption from Application of the Service Contract Labor Standards to Contracts for Maintenance, Calibration, or Repair of Certain Equipment.Requirements (May 2014) (41 U.S.C. chapter 67).

__ (7) 52.222-53, Exemption from Application of the Service Contract Labor Standards to Contracts for Certain Services.Requirements (May 2014) (41 U.S.C. chapter 67).

X (8) 52.222-55, Minimum Wages Under Executive Order 13658 (Dec 2015).

X (9) 52.222-62, Paid Sick Leave Under Executive Order 13706 (JAN 2017) (E.O. 13706).

__ (10) 52.226-6, Promoting Excess Food Donation to Nonprofit Organizations (May 2014) (42 U.S.C. 1792).

X (11) 52.237-11, Accepting and Dispensing of $1 Coin (Sept 2008) (31 U.S.C. 5112(p)(1)).

(d) Comptroller General Examination of Record. The Contractor shall comply with the provisions of this paragraph (d) if this contract was awarded using other than sealed bid, is in excess of the simplified acquisition threshold, and does not contain the clause at 52.215-2, Audit and Records.Negotiation.

(1) The Comptroller General of the United States, or an authorized representative of the Comptroller General, shall have access to and right to examine any of the Contractor's directly pertinent records involving transactions related to this contract.

(2) The Contractor shall make available at its offices at all reasonable times the records, materials, and other evidence for examination, audit, or reproduction, until 3 years after final payment under this contract or for any shorter period specified in FAR subpart 4.7, Contractor Records Retention, of the other clauses of this contract. If this contract is completely or partially terminated, the records relating to the work terminated shall be made available for 3 years after any resulting final termination settlement. Records relating to appeals under the disputes clause or to litigation or the settlement of claims arising under or relating to this contract shall be made available until such appeals, litigation, or claims are finally resolved.

(3) As used in this clause, records include books, documents, accounting procedures and practices, and other data, regardless of type and regardless of form. This does not require the Contractor to create or maintain any record that the Contractor does not maintain in the ordinary course of business or pursuant to a provision of law.

(e)(1) Notwithstanding the requirements of the clauses in paragraphs (a), (b), (c), and (d) of this clause, the Contractor is not required to flow down any FAR clause, other than those in this paragraph (e)(1) in a subcontract for commercial items. Unless otherwise indicated below, the extent of the flow down shall be as required by the clause.

(i) 52.203-13, Contractor Code of Business Ethics and Conduct (Oct 2015) (41 U.S.C. 3509).

(ii) 52.203-19, Prohibition on Requiring Certain Internal Confidentiality Agreements or Statements (Jan 2017) (section 743 of Division E, Title VII, of the Consolidated and Further Continuing Appropriations Act, 2015 (Pub. L. 113-235) and its successor provisions in subsequent appropriations acts (and as extended in continuing resolutions)).

(iii) 52.219-8, Utilization of Small Business Concerns (Nov 2016) (15 U.S.C. 637(d)(2) and (3)), in all subcontracts that offer further subcontracting opportunities. If the subcontract (except subcontracts to small business concerns) exceeds $700,000 ($1.5 million for construction of any public facility), the subcontractor must include 52.219-8 in lower tier subcontracts that offer subcontracting opportunities.

(iv) 52.222-17, Nondisplacement of Qualified Workers (May 2014) (E.O. 13495). Flow down required in accordance with paragraph (l) of FAR clause 52.222-17.

(v) 52.222-21, Prohibition of Segregated Facilities (Apr 2015)

(vi) 52.222-26, Equal Opportunity (Sept 2016) (E.O. 11246).

(vii) 52.222-35, Equal Opportunity for Veterans (Oct 2015) (38 U.S.C. 4212).

(viii) 52.222-36, Equal Opportunity for Workers with Disabilities (Jul 2014) (29 U.S.C. 793).

(ix) 52.222-37, Employment Reports on Veterans (Feb 2016) (38 U.S.C. 4212)

(x) 52.222-40, Notification of Employee Rights Under the National Labor Relations Act (Dec 2010) (E.O. 13496). Flow down required in accordance with paragraph (f) of FAR clause 52.222-40.

(xi) 52.222-41, Service Contract Labor Standards (May 2014) (41 U.S.C. chapter 67).

(xii)

__(A) 52.222-50, Combating Trafficking in Persons (Mar 2015) (22 U.S.C. chapter 78 and E.O 13627).

__(B) Alternate I (Mar 2015) of 52.222-50 (22 U.S.C. chapter 78 and E.O 13627).

(xiii) 52.222-51, Exemption from Application of the Service Contract Labor Standards to Contracts for Maintenance, Calibration, or Repair of Certain Equipment-Requirements (May 2014) (41 U.S.C. chapter 67).

(xiv) 52.222-53, Exemption from Application of the Service Contract Labor Standards to Contracts for Certain Services-Requirements (May 2014) (41 U.S.C. chapter 67).

(xv) 52.222-54, Employment Eligibility Verification (Oct 2015) (E.O. 12989).

(xvi) 52.222-55, Minimum Wages Under Executive Order 13658 (Dec 2015).

(xvii) 52.222-62, Paid Sick Leave Under Executive Order 13706 (Jan 2017) (E.O. 13706).

(xviii)(A) 52.224-3, Privacy Training (Jan 2017) (5 U.S.C. 552a).

(B) Alternate I (Jan 2017) of 52.224-3.

(xix) 52.225-26, Contractors Performing Private Security Functions Outside the United States (Oct 2016) (Section 862, as amended, of the National Defense Authorization Act for Fiscal Year 2008; 10 U.S.C. 2302 Note).

(xx) 52.226-6, Promoting Excess Food Donation to Nonprofit Organizations (May 2014) (42 U.S.C. 1792). Flow down required in accordance with paragraph (e) of FAR clause 52.226-6.

(xxi) 52.247-64, Preference for Privately Owned U.S.-Flag Commercial Vessels (Feb 2006) (46 U.S.C. Appx. 1241(b) and 10 U.S.C. 2631). Flow down required in accordance with paragraph (d) of FAR clause 52.247-64.

(2) While not required, the Contractor may include in its subcontracts for commercial items a minimal number of additional clauses necessary to satisfy its contractual obligations.

(End of clause)

Commercial Items (Nov 2017)

Full Text

FAR 52.216-18 - Ordering.

As prescribed in 16.506(a), insert the following clause:

Ordering (OCT 1995)

(a) Any supplies and services to be furnished under this contract shall be ordered by issuance of delivery orders or task orders by the individuals or activities designated in the Schedule. Such orders may be issued from August 1, 2018 through January 31, 2023.
(b) All delivery orders or task orders are subject to the terms and conditions of this contract. In the event of conflict between a delivery order or task order and this contract, the contract shall control.
(c) If mailed, a delivery order or task order is considered "issued" when the Government deposits the order in the mail. Orders may be issued orally, by facsimile, or by electronic commerce methods only if authorized in the Schedule.

(End of clause)

Full Text

52.216-22 Indefinite Quantity.

As prescribed in 16.506(e), insert the following clause:

INDEFINITE QUANTITY (OCT 1995)

(a) This is an indefinite-quantity contract for the supplies or services specified, and effective for the period stated, in the Schedule. The quantities of supplies and services specified in the Schedule are estimates only and are not purchased by this contract.
(b) Delivery or performance shall be made only as authorized by orders issued in accordance with the Ordering clause. The Contractor shall furnish to the Government, when and if ordered, the supplies or services specified in the Schedule up to and including the quantity designated in the Schedule as the "maximum." The Government shall order at least the quantity of supplies or services designated in the Schedule as the "minimum."
(c) Except for any limitations on quantities in the Order Limitations clause or in the Schedule, there is no limit on the number of orders that may be issued. The Government may issue orders requiring delivery to multiple destinations or performance at multiple locations.
(d) Any order issued during the effective period of this contract and not completed within that period shall be completed by the Contractor within the time specified in the order. The contract shall govern the Contractor's and Government's rights and obligations with respect to that order to the same extent as if the order were completed during the contract's effective period; provided, that the Contractor shall not be required to make any deliveries under this contract after **January 31, 2023**.

Note: The minimum guarantee under this contract is **$2,500**

.

(End of clause)

IBR

52.217-8 Option to Extend Services.

As prescribed in 17.208(f), insert a clause substantially the same as the following:

OPTION TO EXTEND SERVICES (NOV 1999)

The Government may require continued performance of any services within the limits and at the rates specified in the contract. These rates may be adjusted only as a result of revisions to prevailing labor rates provided by the Secretary of Labor. The option provision may be exercised more than once, but the total extension of performance hereunder shall not exceed 6 months. The Contracting Officer may exercise the option by written notice to the Contractor within **30 days**.

(End of clause)

Full Text

52.217-9 Option to Extend the Term of the Contract.

As prescribed in 17.208(g), insert a clause substantially the same as the following:

OPTION TO EXTEND THE TERM OF THE CONTRACT (MAR 2000)

(a) The Government may extend the term of this contract by written notice to the Contractor within **30 days**; provided that the Government gives the Contractor a preliminary written notice of its intent to extend at least **60** days before the contract expires. The preliminary notice does not commit the Government to an extension.

(b) If the Government exercises this option, the extended contract shall be considered to include this option clause.

(c) The total duration of this contract, including the exercise of any options under this clause, shall not exceed **5 years**.

(End of clause)

Full Text Provision

52.222-23 NOTICE OF REQUIREMENT FOR AFFIRMATIVE ACTION TO ENSURE EQUAL EMPLOYMENT OPPORTUNITY FOR CONSTRUCTION (Feb 1999)

As prescribed in 22.810(b), insert the following provision:

NOTICE OF REQUIREMENT FOR AFFIRMATIVE ACTION TO ENSURE EQUAL EMPLOYMENT OPPORTUNITY FOR CONSTRUCTION (FEB 1999)

(a) The offeror's attention is called to the Equal Opportunity clause and the Affirmative Action Compliance Requirements for Construction clause of this solicitation.

(b) The goals for minority and female participation, expressed in percentage terms for the Contractor's aggregate workforce in each trade on all construction work in the covered area, are as follows:

GOALS FOR MINORITY PARTICIPATION FOR EACH TRADE	GOALS FOR FEMALE PARTICIPATION FOR EACH TRADE
4.0 %	6.9 %

These goals are applicable to all the Contractor's construction work performed in the covered area. If the Contractor performs construction work in a geographical area located outside of the covered area, the Contractor shall apply the goals established for the geographical area where the work is actually performed. Goals are published periodically in the Federal Register in notice form, and these notices may be obtained from any Office of Federal Contract Compliance Programs Office.

(c) The Contractor's compliance with Executive Order 11246, as amended, and the regulations in 41 CFR 60-4 shall be based on (1) its implementation of the Equal Opportunity clause, (2) specific affirmative action obligations required by the clause entitled "Affirmative Action Compliance Requirements for Construction," and (3) its efforts to meet the goals. The hours of minority and female employment and training must be substantially uniform throughout the length of the contract, and in each trade. The Contractor shall make a good faith effort to employ minorities and women evenly on each of its projects. The transfer of minority or female employees or trainees from Contractor to Contractor or from project to project, for the sole purpose of meeting the Contractor's goals shall be a violation of the contract, Executive Order 11246, as amended, and the regulations in 41 CFR 60-4. Compliance with the goals will be measured against the total work hours performed.

(d) The Contractor shall provide written notification to the Deputy Assistant Secretary for Federal Contract Compliance, U.S. Department of Labor, within 10 working days following award of any construction subcontract in excess of $10,000 at any tier for construction work under the contract resulting from this solicitation. The notification shall list the --

(1) Name, address, and telephone number of the subcontractor;
  (i) Employer identification number of the subcontractor.
(2) Estimated dollar amount of the subcontract;
(3) Estimated starting and completion dates of the subcontract; and
(4) Geographical area in which the subcontract is to be performed.

(e) As used in this Notice, and in any contract resulting from this solicitation, the "covered area" is:

STATE: Massachusetts
COUNTY: Suffolk
CITY: Boston

(End of provision)

IRB

GSAM 552.212-71 Contract Terms and Conditions Applicable to GSA Acquisition of Commercial Items.

As prescribed in 512.301(a)(2), insert the following clause:

Contract Terms and Conditions Applicable to GSA Acquisition of Commercial Items (Jun 2016)

(a) The Contractor agrees to comply with any clause that is incorporated herein by reference to implement agency policy applicable to acquisition of commercial items or components. The clause in effect based on the applicable regulation cited on the date the solicitation is issued applies unless otherwise stated herein. The clauses in paragraph (b) of this section are incorporated by reference:

[The Contracting Officer should check the clauses that apply or delete the clauses that do not apply from the list. The Contracting Officer may add the date of the clause if desired for clarity.]

(b) *Clauses*.

X	552.203-71	Restriction on Advertising
___	552.211-73	Marking
X	552.215-70	Examination of Records by GSA
___	552.215-71	Examination of Records by GSA (Multiple Award Schedule)
___	552.215-72	Price Adjustment—Failure to Provide Accurate Information
___	552.219-70	Allocation of Orders—Partially Set-Aside Items
___	552.229-70	Federal, State, and Local Taxes
___	552.232-8	Discounts for Prompt Payment
___	552.232-23	Assignment of Claims
___	552.232-71	Adjusting Payments
___	552.232-72	Final Payment
X	552.237-71	Qualifications of Employees
___	552.238-71	Submission and Distribution of Authorized FSS Schedule Price List
___	552.238-74	Industrial Funding Fee and Sales Reporting
___	552.238-75	Price Reductions
___	552.238-81	Modifications (Multiple Award Schedule)
___	552.242-70	Status Report of Orders and Shipments
___	552.246-73	Warranty—Multiple Award Schedule

(End of clause)

52.252-2 Clauses Incorporated by Reference.

As prescribed in 52.107(b), insert the following clause:

CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address(es):
https://www.acquisition.gov/
https://www.acquisition.gov/?q=browsegsam

(End of clause)

Provisions

52.204-16	Commercial and Government Entity Code Reporting. [Reference FAR 4.1804(a)]
52.222-5	Construction Wage Rate Requirements-Secondary Site of the Work (May 2014) [Reference FAR 22.407(h)] (Full Text)
52.223-1	Biobased Product Certification [Reference FAR 23.406(a)]

*

FAR Clauses

52.203-17	Contractor Employee Whistleblower Rights and Requirement To Inform Employees of Whistleblower Rights [Reference FAR 3.908-9]
52.204-9	Personal Identity Verification of Contractor Personnel (Jan 2011) [Reference FAR 4.1301]
52.204-18	Commercial and Government Entity Code Maintenance (Jul 2016) [Reference FAR 4.1804(c)]
52.211-10	Commencement, Prosecution, and Completion of Work (Apr 1984) [Reference FAR 11.404(b)]
52.216-19	Order Limitations (Oct 1995) [Reference FAR 16.506(b)]
52.216-20	Definite Quantity (Oct 1995) [Reference FAR 16.506(c)]
52.222-1	Notice to the Government of Labor Disputes (Feb 1997) [Reference FAR 22.103-5(a)]
52.222-6	Construction Wage Rate Requirements (May 2014) [Reference FAR 22.407(a)]
52.222-7	Withholding of Funds (May 2014) [Reference FAR 22.407(a)]
52.222-8	Payrolls and Basic Records (May 2014) [Reference FAR 22.407(a)]
52.222-9	Apprentices and Trainees (Jul 2005) [Reference FAR 22.407(a)]
52.222-10	Compliance with Copeland Act Requirements (Feb 1988) [Reference FAR 22.407(a)]
52.222-11	Subcontracts (Labor Standards) (May 2014) [Reference FAR 22.407(a)]
52.222-12	Contract Termination-Debarment (May 2014) [Reference FAR 22.407(a)]
52.222-13	Compliance with Construction Wage Rate Regulations and Related Regulations (May 2014) [Reference FAR 22.407(a)]
52.222-14	Disputes Concerning Labor Standards (Feb 1988) [Reference FAR 22.407(a)]
52.222-15	Certification of Eligibility (May 2014) [Reference FAR 22.407(a)]
52.222-27	Affirmative Action Compliance Requirements for Construction (Apr 2015) [Reference FAR 22.810(f)]
52.222-30	Construction Wage Rate Requirements- Price Adjustment (None of Separately Specified Method)(May 2014) [Reference FAR 22.407(e)]
52.223-2	Affirmative Procurement of Biobased Products Under Service and Construction

	Contracts (Sep 2013) [Reference FAR 23.406(b)] PBSbiobasedreporting@gsa.gov.
52.223-3	Hazardous Material Identification and Material Safety Data (Jan 1997) [Reference FAR 23.303]
52.223-4	Recovered Material Certification
52.223-5	Pollution Prevention and Right-to-Know Information (May 2011) [Reference FAR 23.1005]
52.223-7	Notice of Radioactive Materials
52.223-9	Estimate of Percentage of Recovered Material Content for EPA-Designated Items
52.223-10	Waste Reduction Program [Reference FAR 23.705]
52.223-17	Affirmative Procurement of EPA-designated Items in Service and Construction Contracts.
52.223-19	Compliance with Environmental Management Systems (May 2011) [Reference FAR 23.903]
52.225-9	Buy American–Construction Materials (May 2014) [Reference FAR 25.1102(a)]
52.227-4	Patent Indemnity--Construction Contracts (Dec 2007) [Reference FAR 27.201-2(d)(1)]
52.228-5	Insurance - Work on a Government Installation (JAN 1997) [Reference FAR 28.310]
52.232-5	Payments Under Fixed-Price Construction Contracts (Sept 2014) [Reference FAR 32.111(a)(5)]
52.232-18	Availability of Funds (Apr 1984) [Reference FAR 32.706-1(a)]
52.232-27	Prompt Payment for Construction Contracts (Jan 2017) [Reference FAR 32.908(b)]
52.232-40	Providing Accelerated Payments to Small Business Subcontractors (Dec 2013) [Reference FAR 32.009-2]
52.236-1	The Contractor shall perform on the site, and with its own organization, work equivalent to at least twelve percent (12%) of the total amount of work to be performed under the contract. [Reference 36.501(b)]
52.236-5	Material and Workmanship (Apr 1984) [Reference FAR 36.505]
52.236-7	Permits and Responsibilities (Nov 1991) [Reference FAR 36.507]
52.236-9	Protection of Existing Vegetation, Structures, Equipment, Utilities, and Improvements (Apr 1984) [Reference 36.509]
52.236-12	Cleaning Up (Apr 1984) [Reference FAR 36.512]
52.236-13	Accident Prevention (Jan 1991) [Reference FAR 36.513]
52.236-17	Layout of Work (Apr 1984) [Reference 36.517]
52.237-3	Continuity of Services (Jan 1991) [Reference FAR 37.110(c)]
52.242-14	Suspension of Work (Apr 1984) [Reference FAR 42.1305(a)]
52.245-2	Government Property Installation Operation Services. (Apr 2012) [Reference FAR 45.107(b)]
52.253-1	Computer Generated Forms (Jan 1991) [Reference FAR 53.111]
552.236-70	Definitions (Apr 1984) [Reference GSAR 536.570-1]
552.236-82	Subcontracts (Apr 1984) [Reference GSAR 536.570-13]
552.252-6	Authorized Deviations or Variations in Clauses (Sep 1999) (Deviation FAR 52.252-6) [Reference GSAR 552.107(b)]

52.216-19 Order Limitations.

As prescribed in 16.506(b), insert a clause substantially the same as follows:

ORDER LIMITATIONS (OCT 1995)

(a) Minimum order. When the Government requires supplies or services covered by this contract in an amount of less than _____ [insert dollar figure or quantity], the Government is not obligated to purchase, nor is the Contractor obligated to furnish, those supplies or services under the contract.

(b) Maximum order. The Contractor is not obligated to honor—

(1) Any order for a single item in excess of _____ [insert dollar figure or quantity];

(2) Any order for a combination of items in excess of _____ [insert dollar figure or quantity]; or

(3) A series of orders from the same ordering office within _____ days that together call for quantities exceeding the limitation in paragraph (b)(1) or (2) of this section.

(c) If this is a requirements contract (i.e., includes the Requirements clause at subsection 52.216-21 of the Federal Acquisition Regulation (FAR)), the Government is not required to order a part of any one requirement from the Contractor if that requirement exceeds the maximum-order limitations in paragraph (b) of this section.

(d) Notwithstanding paragraphs (b) and (c) of this section, the Contractor shall honor any order exceeding the maximum order limitations in paragraph (b), unless that order (or orders) is returned to the ordering office within _____ days after issuance, with written notice stating the Contractor's intent not to ship the item (or items) called for and the reasons. Upon receiving this notice, the Government may acquire the supplies or services from another source.

(End of clause)

52.222-5 Construction Wage Rate Requirements—Secondary Site of the Work.

As prescribed in 22.407(h), insert the following provision:

CONSTRUCTION WAGE RATE REQUIREMENTS—SECONDARY SITE OF THE WORK (MAY 2014)

(a)(1) The offeror shall notify the Government if the offeror intends to perform work at any secondary site of the work, as defined in paragraph (a)(1)(ii) of the FAR clause at 52.222-6, Construction Wage Rate Requirements, of this solicitation.

(2) If the offeror is unsure if a planned work site satisfies the criteria for a secondary site of the work, the offeror shall request a determination from the Contracting Officer.

(b)(1) If the wage determination provided by the Government for work at the primary site of the work is not applicable to the secondary site of the work, the offeror shall request a wage determination from the Contracting Officer.

(2) The due date for receipt of offers will not be extended as a result of an offeror's request for a wage determination for a secondary site of the work.

(End of provision)

52.245-2 Government Property Installation Operation Services.

As prescribed in 45.107(b), insert the following clause:

GOVERNMENT PROPERTY INSTALLATION OPERATION SERVICES (APR 2012)

(a) This Government Property listed in paragraph (e) of this clause is furnished to the Contractor in an "as-is, where is" condition. The Government makes no warranty regarding the suitability for use of the Government property specified in this contract. The Contractor shall be afforded the opportunity to inspect the Government property as specified in the solicitation.

(b) The Government bears no responsibility for repair or replacement of any lost Government property. If any or all of the Government property is lost or becomes no longer usable, the Contractor shall be responsible for replacement of the property at Contractor expense. The Contractor shall have title to all replacement property and shall continue to be responsible for contract performance.

(c) Unless the Contracting Officer determines otherwise, the Government abandons all rights and title to unserviceable and scrap property resulting from contract performance. Upon notification to the Contracting Officer, the Contractor shall remove such property from the Government premises and dispose of it at Contractor expense.

(d) Except as provided in this clause, Government property furnished under this contract shall be governed by the Government Property clause of this contract.

(e) Government property provided under this clause:

_____

_____

_____

(End of clause)

J. LIST OF ATTACHMENTS
(LIST OF DOCUMENTS, EXHIBITS AND OTHER ATTACHMENTS)

CONTRACT No. 47PB0017R0004
Moakley CFM Services Section J

EXHIBIT 1 Key Performance Indicators
EXHIBIT 2 Building Information Sheets
- Janitorial
- Mechanical
- Public Realm Events

EXHIBIT 3 Surveillance Forms
EXHIBIT 4 Building Exterior and Hardscape Plan
EXHIBIT 5 Erosion and Sediment Control
EXHIBIT 6 Green Purchase Reports
EXHIBIT 7 Green Purchase Reports II
EXHIBIT 8 GSA Best Practices for Building Automation System Technicians
EXHIBIT 9 Examples of Environmentally Sustainable Product Attributes and Offerings
EXHIBIT 10 Unit Price Agreement
EXHIBIT 11 Summary of Environmentally Preferable Product Attributes
EXHIBIT 12 Monthly Report Template
EXHIBIT 13 Building Operating Plan Template
EXHIBIT 14 Smart Building
EXHIBIT 15 Water Treatment
EXHIBIT 16 Energy & Water Operational Performance Targets
EXHIBIT 17 Energy & Water Efficiency Use Plan
EXHIBIT 18 Energy and Water Efficiency Monthly Report
EXHIBIT 19 Annual Energy & Water Efficiency Report
EXHIBIT 20 Qualifications of Electrical Testing Technicians (ETT)
EXHIBIT 21 Miscellaneous Best Practices
EXHIBIT 22 O&M Equipment List
EXHIBIT 23 Preventive Maintenance Schedule
EXHIBIT 24 GSA Flag Policy
EXHIBIT 25 Elevator Data
EXHIBIT 26 Safety and Health
EXHIBIT 27 NCMMS Equipment Template
EXHIBIT 28 Area Trades Council CBA (EFF 8-1-17 thru 7-31-18)
EXHIBIT 29 IUEC Wage Rate Sheet_2018
EXHIBIT 30 Wage Determinations
- 2006-0598, 9_26DEC2017
- 1985-1226, 42_06FEB2018
- 2015-4047, 7_12APR2018
- MA20170001, 05_09MAR2018

EXHIBIT 31 Moakley CFM RFP (Final) Contractor's Qualifications and Financial Form (GSA-527)
EXHIBIT 32 32BJ-MCNE Agreement

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EXHIBIT 1 KEY PERFORMANCE INDICATORS

PBS seeks to establish a partnership with its Contractor. The goal of this arrangement is to provide a safe, reliable, productive and sustainable work environment that is a best value to the taxpayer. Success in this area is evaluated using Key Performance Indicators (KPI).

The KPIs assess progress in key CFM program elements that significantly impact on the tenant's working environment. Performance targets for the KPI is based on realistic and achievable

outcomes, which are measured by record systems such as the building's National Computer Maintenance Management System (NCMMS). KPIs are graded as exceeds (green color), successful (yellow color), and unsuccessful (red color). Actual performance for each KPI is used by the partnership to identify and implement improvements in services and provide a forum for future discussions on performance evaluations between the Contractor and Government. Throughout the required reporting periods the Facility Manager, CFM Contractor and any other quality assurance staff meet to discuss progress in satisfying each KPI. The meeting also clarifies and promotes within the partnership the best understanding on the KPIs promulgated below and in the national specification:

- *Increase tenant satisfaction scores*
- *Track, analyze and improve service calls*
- *Track, analyze and improve Preventive Maintenance performance*
- *Decrease energy consumption*
- *Decrease water consumption*
- *Provide technical expertise on upcoming GSA/PBS construction projects*
- *Plan and prioritize repair and alteration work*
- *Enhance tenant outreach and communications*
- *Collaborate on and achieve GSA/PBS national, regional and local performance measures and key performance indicators.*

- The Contractor will complete routine service requests in the allotted time frames as determined by building contract.
  Objective: This KPI supports PBS's efforts to remove barriers to its tenant's abilities to carry out the business of governance, by ensuring that corrective actions and / or repairs are quickly taken care with minimal impact to the facilities operations.
  Metric:
  - Green Rating: 90-100%
  - Yellow Rating: 75-89%
  - Red Rating: Less than 75%

  Report: The NCMMS Report for the data on this KPI will be developed post award.
  CPARS: This metric support justification that the contractor is achieving or not achieving the CPARS evaluation factor on Cost Control & Quality.

- The Contractor will complete all scheduled services such as PMs within the 1 month time frame and enter the data within 5 days after completion in the NCMMS
  Objective: This KPI supports PBS's efforts to minimize unscheduled maintenance related disruptions by ensuring that O&M contractors are conducting preventative maintenance actions in a timely, verifiable manner.
  Metric:

- Green Rating: Completes all scheduled PMs by the end of month (this is based on an average of all PMs)
- Yellow Rating: Completes all scheduled PMs within 5 days of end of month (this is based on an average of all PMs)
- Red Rating: Fails to meet Yellow Rating

Report: The NCMMS Report for the data on this KPI will be developed post award.
CPARS: This metric support justification that the contractor is achieving or not achieving the CPARS evaluation factor on Cost Control & Schedule.

- The Contractor will enter data correctly and timely in NCMMS.
  Objective: This KPI supports PBS's efforts to implement the national NCMMS, to predict equipment failure, forecast operations/maintenance budgets, and base facilities management decisions on quantifiable data.
  Metric:
  - Green Rating: 97 - 100% data entry based on average NCMMS data input monthly
  - Yellow Rating: 80 - 96% data entry based on average NCMMS data input monthly
  - Red Rating: Less than 80%

  Report: The NCMMS Report for the data on this KPI will be developed post award.
  CPARS: This metric support justification that the contractor is achieving or not achieving the CPARS evaluation factor on Schedule & Quality.

- The contractor will work toward reducing hot/cold calls by providing consistently conditioned space within the agency temperature ranges based on season.
  Objective: This KPI supports PBS's effort to insure the highest levels of physical comfort for its tenants.
  Metric:
  - Green Rating: The contractor reduces actionable hot/cold calls by five percent from the previous FY
  - Yellow Rating: The contractor reduces actionable hot/cold calls by one to four percent and produces a plan of corrective action to meet the five percent goal in the next FY
  - Red Rating: Fails to meet Yellow rating

  Report: The NCMMS Report for the data on this KPI will be developed post award.
  CPARS: This metric supports justification that the contractor is achieving or not achieving the CPARS evaluation factor on Schedule & Quality.

- Measure for Tenant Work Order Survey: Work Request Surveys are sent from National NCMMS to tenants when their work orders are completed. To accomplish this, On-behalf of field in National NCMMS application is completed for every Work Request. Also, the People Record selected in that On-behalf of field in NCMMS includes tenant's contact information, including work email

address.
Objective: This KPI supports PBS's effort to fully maximize capabilities of its Maximo based NCMMS. By insuring contractors are answering bounce back surveys, PBS's insures a key performance indicator is fully utilized.
Metric:

- Green rating: 100%
- Yellow rating: 80%
- Red rating: Less than 80%

Report: The NCMMS Report for the data on this KPI will be developed post award.
CPARS: This metric support justification that the contractor is achieving or not achieving the CPARS evaluation factor on Schedule & Quality.

- The Contractor will complete emergency call back (after hours) service in the allotted time frames as determined by building contract.
  Objective: This KPI supports PBS's goal to insure the federal workplace is ready for normal operations at required start up times by ensuring that emergency maintenance is taken care of prior to tenant's arrival.
  Metric:
  - Green Rating: 97 - 100%
  - Yellow Rating: 90 - 96%
  - Red Rating: Less than 90%

  Report: The NCMMS Report for the data on this KPI will be developed post award.
  CPARS: This metric support justification that the contractor is achieving or not achieving the CPARS evaluation factor on Cost Control & Quality.

- The Contractor will complete urgent service in the allotted time frames as determined by building contract.
  Objective: This KPI supports PBS's efforts to remove barriers to its tenant's abilities to carry out the business of governance, by ensuring that urgent repairs are quickly resolved with minimal impact to the facilities operations.
  Metric:
  - Green Rating: 95 - 100%
  - Yellow Rating: 85 - 94%
  - Red Rating: Less than 85%

  Report: The NCMMS Report for the data on this KPI will be developed post award.
  CPARS: This metric support justification that the contractor is achieving or not achieving the CPARS evaluation factor on Cost Control & Quality.

- The Contractor will complete emergency service in the allotted time frames as determined by building contract.

Objective: This KPI supports PBS's efforts to remove barriers to its tenant's abilities to carry out the business of governance, by ensuring that emergency repairs are quickly resolved with minimal impact to the facilities normal operations.
Metric:

- Green Rating: 97 - 100%
- Yellow Rating: 90 - 96%
- Red Rating: Less than 90

Report: The NCMMS Report for the data on this KPI will be developed post award.
CPARS: This metric support justification that the contractor is achieving or not achieving the CPARS evaluation factor on Cost Control & Quality.

- There are no elevator entrapments
  Objective: This KPI supports PBS's efforts to provide a physically safe workplace for all of tenants.
  Metric:
  - Green Rating: There are no entrapments related to equipment failure
  - Yellow Rating:
  - Red Rating: There is any entrapment due to equipment failure

  Report: The NCMMS Report for the data on this KPI will be developed post award.
  CPARS: This metric support justification that the Contractor is achieving or not achieving the CPARS evaluation factor on Cost Control & Quality.

- The Contractor will track 100% of elevator PMs, service calls, and inspections and input data for NCMMS entry.
  Objective: This KPI supports PBS's efforts to provide an environmentally safe, physically pleasant workplace for federal employees and the citizens they service. Proper elevator maintenance will reduce unplanned delays as a result of mechanically down elevators.
  Metric:
  - Green Rating: Meets 97 - 100% of data entry based on average NCMMS data input monthly
  - Yellow Rating: Meets 80 - 96% of data entry based on average NCMMS data input monthly
  - Red Rating: Meets less than 80% of data entry based on average NCMMS data input monthly

  Report: The NCMMS Report for the data on this KPI will be developed post award.
  CPARS: This metric support justification that the Contractor is achieving or not achieving the CPARS evaluation factor on Quality & Schedule.

- The Contractor will maintain all elevators in such a manner that elevators will not fail and be placed out of service. Elevator failures will be documented in the NCMMS.

Objective: This KPI aims to minimize out of service elevators and related disruptions by ensuring that elevator maintenance is done in an efficient and proactive manner.
Metric:

- Green Rating: No single elevator was out of service for more than 3 consecutive days during the FY.
- Yellow Rating: No more than one elevator was out of service for 3 consecutive days during the FY.
- Red Rating: Any elevator was out of service for more than 3 consecutive days during the FY.

Report: The NCMMS Report for the data on this KPI will be developed post award.
CPARS: This metric support justification that the Contractor is achieving or not achieving the CPARS evaluation factor on Quality & Schedule.

- In a building closure the Contractor shall contact the Facility Manager within one hour and provide an assessment of the event. They shall assemble proper craftsman and communicate progress on repair progress.
  Objective: This KPI supports PBS's efforts to minimize unnecessary federal employee lost time due to building closures.
  Metric:
  - Green Rating: The Contractor meets the KPI
  - Yellow Rating: There is no yellow rating
  - Red Rating: The Contractor fails to meet the KPI

- The Contractor will track 100% of Tenant disruptions due to O&M issues. Disruptions include notifications or complaints to either the contractor or Government facility manager regarding contractor generated noise, odors, or other impactful activities as noted in the statement of work.
  Objective: This KPI supports PBS's efforts to minimize workplace distractions as result of O&M operations.
  Metric:
  - Green Rating: No tenant disruption in the FY
  - Yellow Rating: No more than two tenant disruptions, and contractor submits a POA to prevent future disruptions
  - Red Rating: Three or more tenant disruptions

  Report: The NCMMS Report for the data on this KPI will be developed post award.
  CPARS: This metric support justification that the Contractor is achieving or not achieving the CPARS evaluation factor on Cost Control.

- The Contractor will reduce unplanned maintenance/repairs.
  Objective: This KPI supports PBS's efforts to insure O&M's are properly maintaining the facilities they are paid to by utilizing predictive and preventative maintenance actions.
  Metric:

- Green Rating: Reduced unplanned maintenance/repairs by three percent in the current FY from the previous FY.
- Yellow Rating: Reduced unplanned maintenance/repairs by one to two percent in the current FY from the previous FY.
- Red Rating: Failed to reduce unplanned maintenance/repairs.

Report: The NCMMS Report for the data on this KPI will be developed post award.
CPARS: This metric support justification that the Contractor is achieving or not achieving the CPARS evaluation factor on Cost Control & Schedule.

- The Contractor will reduce building and site water usage.
  Objective: This KPI supports PBS's efforts to promote environmental and business best practices by reducing all operations cost.
  Metric:
  - Green Rating: Exceed region's water reduction goals by any percent.
  - Yellow Rating: Meets region's water reduction goals
  - Red Rating: Fails to meet region's goals

  Report: The NCMMS Report for the data on this KPI will be developed post award.
  CPARS: This metric support justification that the Contractor is achieving or not achieving the CPARS evaluation factor on Cost Control.

- The Contractor will monitor water use through sub-metering and provide trend analysis for development of Action Plan.
  Objective: This KPI will support PBS's efforts to gain sewage usage credits by capturing the water that is evaporated by cooling towers and landscaping.
  Metric:
  - Green Rating: The Contractor develops POA to address water issues within 30 days
  - Yellow Rating: The Contractor develops POA to address water
  - Red Rating: Fails to meet Green or Yellow rating requirements issues within 45 days
- The Contractor will provide a facilities solid waste audit to the Facility Manager, partnering with the onsite custodial contractor.
  Objective: This KPI supports PBS's efforts to reduce landfill levels and supports its recycling efforts.
  Metric:
  - Green Rating: Delivers report in the first 45 days
  - Yellow Rating: Delivers report in the first 90 days
  - Red Rating: Fails to meet Green or Yellow rating requirements

  Report: The NCMMS Report for the data on this KPI will be developed post award.
  CPARS: This metric support justification that the Contractor is achieving or not achieving the CPARS evaluation factor on Schedule.

- CFM Contractor will have in-person or web based (if approved in advance by the COR) corporate visits on a quarterly basis.
  Objective: This KPI supports PBS's strong desired to develop partnerships that lead to proactive relationships with both the O&M and its tenant agencies.
  Metric:
    - Green Rating: The Contractor meets the quarterly requirement and is prepared to tell FM/COR/CO how they think they are performing. Additionally, they are prepared to discuss proactive solutions to ongoing O&M issues.
    - Yellow Rating: There is no Yellow rating
    - Red Rating: Fails to meet Green Rating

  Report: The NCMMS Report for the data on this KPI will be developed post award.
  CPARS: This metric support justification that the Contractor is achieving or not achieving the CPARS evaluation factor on Quality.

- The Contractor will provide a detailed morning report in a timely manner to the Government Facility Manager.
  Objective: This KPI supports PBS's efforts to provide its facility managers with tools that will allow them to practice priority driven maintenance management decisions.
  Metric:
    - Green Rating: The Contractor provides a detailed morning report within two hours of daily start up. This report will include status of the operational status of all chillers/boilers and any HVAC equipment not in operational status.
    - Yellow Rating: The Contractor provides the above information 95 - 99% of the time
    - Red Rating: The Contractor fails to meet Green or Yellow rating

  Report: The NCMMS Report for the data on this KPI will be developed post award.
  CPARS: This metric support justification that the Contractor is achieving or not achieving the CPARS evaluation factor on Cost Control & Schedule.

- The contractor will provide for the coordination and management of visitor services including but not limited to temporary exhibits, permanent exhibits, performances, exhibitions, and scheduling the use of public rooms. The contractors will include an on-going program for education, tours; and outreach to the local community, the Arts, business and professional entities, cultural and educational institutions.
  Objective: This KPI continues to promote the use of the public realm event space.
  Metric:
    - Green Rating: Contractor increases the number of events held over the previous year.
    - Yellow Rating: Contractor maintains the number of events held the previous year.
    - Red Rating: The number of events is decreased from the previous year.

  Report: Refer to the total event count for the previous Fiscal Year
  CPARS: This metric support justification that the contractor is achieving or not achieving the CPARS evaluation factor on Quality.

- The contractor will provide for the coordination and management of maritime functions.
  Objective: This KPI supports the GSA Public Realm program and Cooperative Use Act.
  Metric:
    - Green Rating: 90%+ Use in accordance with the Cooperative Use Act.
    - Yellow Rating: 80-89% Use in accordance with the Cooperative Use Act.
    - Red Rating: Fails to meet the Yellow rating requirements.

  Report: Refer to the annual usage of the floating dock for previous Fiscal Year.
  CPARS: This metric support justification that the contractor is achieving or not achieving the CPARS evaluation factor on Quality.

- Contractor cleaned areas will meet the performance standards as outlined in the statement of work upon inspection by the COR.
  Objective: This KPI ensures that areas cleaned by the Contractor are in compliance with the requirements.
  Metric:
    - Green Rating: Meets required quality on 95% of inspections or more.
    - Yellow Rating: Meets required quality on 80%-94% of inspections
    - Red Rating: Fails to meet requirements on at least 80% of inspections

  Report: The NCMMS Report for the data on this KPI will be developed post award.
  CPARS: This metric support justification that the Contractor is achieving or not achieving the CPARS evaluation factor on Quality.

- The contractor will continuously keep building systems equipment inventory up to date within the NCMMS.
  Objective: This KPI is to ensure building equipment inventory is kept continuously up to date within the NCMMS.
  Metric:
    - Green Rating: The equipment inventory in the NCMMS is updated with any newly added, replaced, or removed equipment within 15 days of installation by the Contractor. In the case of projects not completed by the Contractor, equipment inventory should be updated within 15 days of receipt of necessary information from the project team.
    - Yellow Rating: The equipment inventory in the NCMMS is updated with any newly added, replaced, or removed equipment within 45 days of installation by the Contractor. In the case of projects not completed by the Contractor, equipment inventory should be updated within 45 days of receipt of necessary information from the project team.
    - Red Rating: Equipment inventory information is not updated in the NCMMS within the Yellow timeframe.

  Report: The NCMMS Report for the data on this KPI is: Equipment Inventory Report
  CPARS: This metric support justification that the contractor is achieving or not achieving the CPARS evaluation factor on Schedule & Quality.

- The contractor will keep building control systems (BAS, EMS, etc.) in full operational order, performing monthly checks, reports, and documentation in accordance with the "GSA Best Practices for Building Automation System Technicians" documentation.
  Objective: This KPI is to ensure building control systems are fully functioning, and operational.
  Metric:
    - Green Rating: All monthly and seasonal reviews / reports are completed, received, and documented within the NCMMS as Work Orders.
    - Yellow Rating: There is no yellow rating.
    - Red Rating: Less than 100% of reviews / reports are documented within the NCMMS as Work Orders

  Report: The NCMMS Report for the data on this KPI is: The Monthly Work Order Report
  CPARS: This metric support justification that the contractor is achieving or not achieving the CPARS evaluation factor on Schedule & Quality.

EXHIBIT 2 BUILDING INFORMATION SHEETS

This is general information only and the inventory list (Exhibit 22) is what the Contractor is responsible for.

The following are building statistics for informational purposes only. The figures below are estimates only and are not guaranteed fully accurate. Contractor is cautioned to field verify the provided information during the site pre-bid walkthroughs. When necessary, feasible, and warranted, the CO or designee will provide access to assignment drawings and blueprints.

****JANITORIAL - actual coverage required for janitorial services is 31,667 SF, includes underground parking and excludes the loadking dock.**

1. BUILDING DATA:

Name and building number:	John J. Moakley Courthouse – MA0050ZZ
Location:	1 Courthouse Way, Boston, MA 02210-3002
Number of stories:	11
Normal Building Operating Hours:	7:00 AM TO 5:00 PM
Population:	600

2. BUILDING STATISTICS:

INTERIOR

Gross …….....	945,421	SF*
Rentable …….....	31,667	SF**

GENERAL / PUBLIC SPACE

Granite Floor …….....	0	SF
Concrete Floor ……	690	SF
Terrazzo Floor ……	0	SF
Wood/Parquet Floor ……	0	SF
Marble Floor ……	0	SF
VCT Floor ……	9,323	SF
Ceramic Tile ……	0	SF
Carpet / Carpet Tile ……..	700	SF
Garage Floor ……..	0	SF
Stairways ……..	5	FL
ExteriorWindows……..	26,000	SF
Conoid Walls ……..	34,672	SF
Skylights ……..	1,633	SF

VERTICAL TRANSPORTATION

Elevators	0	QTY
Carpeted Elevators	0	QTY
Uncarpeted Freight Elevators	0	QTY

RESTROOMS

Square Footage	2,256	SF

FIXTURES

Water Closets	17	QTY
Urinals	2	QTY
Sinks / Faucets	23	QTY
Water Fountains	0	QTY
Showers	10	QTY
Trash Bins	19	QTY
Paper Towel Dispensers	23	QTY
Sanitary Napkin Receptacles	7	QTY
Soap Dispensers	23	QTY

OFFICE SPACE[1]

Carpet / Carpet Tile	7,925	SF
VCT Flooring	7,570	SF
Rubber Floor	2,162	SF
Concrete	1,077	SF

Window Blinds	0	EA
Surfaces Requiring Dusting	0	LF
Trash Bins	50	QTY
Recycling Bins	50	QTY

VACANT SPACE

Carpet / Carpet Tile	0	SF
VCT Flooring	0	SF

EXTERIOR

[1] Do not include courtroom or vacant space in these values

Lawn Grass	…….	30,323	SF
Edging	……	5,000	LF
Shrubs	……..	2,704	QTY
Trees	……..	92	QTY
Planters	……..	10	QTY
Flowering Bushes	……..	1,000	QTY

*Gross square footage is for the entire building

MECHANICAL

Building Mechanical Systems Overview

Building Number: MA0050ZZ
Building Name: John Joseph Moakley U.S. Federal Courthouse
Building Address: 1 Courthouse Way, Boston, MA 02210
Construction Date: 1994
Gross SF: 945,421
Rentable SF: 754,175
Building Use: Courthouse Space

BUILDING DESCRIPTION:
Courthouse: The John J. Moakley U.S. Federal Courthouse is a 11 story structure. It is located on the waterfront as the Boston Harbor and is 3 blocks from South Station-Boston's main rail transportation hub. It features a curved 32,736 square foot glass wall that overlooks Boston Harbor and offers one of the best views of Boston's skyline. The building was built in 1998 and is not designated as historic.

Describe construction type: Steel reinforced concrete with brick
SYSTEMS DESCRIPTIONS: Include equipment type, number and any recent upgrades.
Chilled Water System:

- 3 – 700 Trane Centravac Chillers. Two are capable of regenerating the ice farm.
- Cooling Tower – three cell Baltimore AirCoil. Each cell can run independently and has a two speed 50 hp motor.
- Ice Farm – 65 Calmac storage tanks.
- Three plate and frame heat exchangers transfer cooling to and from the Ice Farm.

Air Handlers:

- Thirty five AHU's
- 23 located in the basement
- 13 located on the 10th floor

- 3 provide heat only, 2 provide ventilation only to mechanical space, the remainder feed VAV and VRF terminal boxes.

Heating:

- Heat is provided by two, gas fired, Cleaver Brooks Fire Tube hot water boilers. Each boiler is capable of carrying the building. This provides 100% redundancy.
- Boiler water directly serves the reheat coils at the terminal boxes and the radiant heat systems.
- AHU hot water coils are treated with Gylcol and are served by four sets of shell and tube heat exchangers.
- Most of the 10th floor and portions of the 9th floor have been retrofitted with a Mitsubishi Variable Refrigerant Flow System. This system replaced the VAV terminal boxes with VRF boxes. The AHU's serving these boxes have been rebalanced to meet the new requirements. The waste heat from this system is removed by the secondary condenser loop.

Radiant Heat:

- 43 hot water units are located throughout the building. These primarily serve restrooms, locker rooms and areas of the daycare center. Both fin tube and cabinet convectors are utilized.

Heat Pumps:

- 55 Heat pumps serve data closets, elevator machine rooms and small server rooms. All heat pumps are water cooler though a secondary condenser loops off the main condenser loop.

Domestic Hot Water:

- The building is broken into three zones. Low west, low east and high. All domestic hot water is provided by PVI, gas fired water heaters.

Building Automation Systems (BAS):

- Air handler, terminal boxes, radiant heat, fans and heat exchangers are monitored / controlled through an Automatrix BAS utilizing five Sage communication modules.
- The Chillers, Cooling Tower and Ice Farm are monitored / controlled by a Trane Tracer System. The Automatrix communicates with the Tracer to determine when plant modes should be changed to provide the necessary cooling to the building.

Specialty Systems:

- The gutters of the rotunda dome and canoid glass wall gutters are equipped with a snow / melting system. Heat cables are located in the gutters.
- There is an ice storage system in place for the manufacture of ice overnight to use for building cooling water. System is to be run as often as possible during off-peak electrical hours to save on energy costs.

Lighting:

- The building has a mix of lighting. The office space is primarily 4 foot T-8 fluorescent lamps. However there are a fair amount of two and tree foot tubes as well as compact fluorescents. The

Lobby and Atrium are lit by Metal Halide. The third floor of the atrium uses low voltage 120w lamps along the ceiling perimeter. The building also has art displays, located on floors 3, 5, 7 of the atrium and in the rotunda. The atrium displays are lit with 500 watt lamps. All common area lighting is controlled through a Lutron Lighting System. Multiple scenes are possible.

- The courtrooms are lit with a combination of wall mounted fluorescent tubes, compact fluorescent lamps mounted in custom made chandeliers and LED Par 38 lamps. All courtroom lighting is controlled through the Lutron System and affords 6 various light schemes.

CONTACT INFORMATION:
Site/ Property Manager: Marilyn Freeman, GSA Property Manager
617-428-4019 marilyn.freeman@gsa.gov

PUBLIC REALM EVENTS

The breakdown of events for calendar year 2016 and 2017 are listed below, these numbers should be used for informational purpose only since fluctuations in events are common.

2016

Total Events:	156
After Hours Events:	40
Daytime Events:	116
Art Exhibits	12

2017

Total Events:	194
After Hours Events:	37
Daytime Events:	157
Art Exhibits	13

Size limitation of events per location:

1. Moakley Atrium 2nd Floor: 8,200 Square Feet, Accommodate 800 Guests.
2. Moakley Upper Galleries (3rd floor: 9,500 SF, 5th & 7th floor: 9,500 SF) Accommodate 450 Guests each floor.
3. Moakley Jury Assembly Hall: 2,450 Square Feet, Accommodate 250 Guests
4. Harbor Park: 2.25 Acres, 1,600 Square Feet, Accommodate a reception for 1,600 Guests.

EXHIBIT 3 SURVEILLANCE FORMS

GSA Form 1181A – Contract Cleaning Inspection Report

This form shall be filled out and submitted to the Contractor when deficiencies are found during the COR's inspections. (Below is provided as an example, original form should be used)

BUILDING	REPORT NO.		CONTRACT NO.		
INSPECTOR *(Print name)*			INSPECTOR'S SIGNATURE		
TIME STARTED	TIME COMPLETED		DATE OF INSPECTION		
INTERVIEWED BY		DATE	CONTRACTOR'S RECEIPT	TIME	DATE

WORK DESCRIPTION - LOCATION *(Room No., Corridor, Lobby or either)*	QUANTITY *(By measure or count)*	CHECK ONE		REMARKS
		SAT.	UNSAT.	

SAMPLE

Quality Deficiency Notice

This form shall be filled out and submitted to the contractor when deficiencies are found during the COR's inspections. (Below is provided as an example, original form should be

QUALITY DEFICIENCY NOTICE

NAME OF SUPPLIER AND ADDRESS	PRIME CONTRACTOR AND ADDRESS
CONTRACT NO.	LOT NO.
ORDER NO.	NSN

A deficiency exists in your quality control system. The nature of the deficiency is:

Immediate action is required to correct the deficiency and the condition that caused it. Shipping nonconforming material and/or failure to take acceptable corrective action on time may result in termination of your right to proceed with this contract. Nonconforming material will be returned to you at your expense.

Please provide a written response of correction action taken or to be taken to your OAS within 5 workdays after receiving this notice.

OAS NAME AND SIGNATURE	ADDRESS DATE
RECEIPT ACKNOWLEDGED	CERTIFIED RECEIPT NO.

SAMPLE

EVALUATION OF CORRECTION ACTION

☐ Corrective action verified and found acceptable.

☐ Corrective action not acceptable and/or not implemented (Explain below)

This matter is being referred to the Administrative Contracting Officer for action. Direct further correspondence on this matter to the ACO.

OAS NAME AND SIGNATURE	ADDRESS DATE
RECEIPT ACKNOWLEDGE	CERTIFIED RECEIPT NO.

GENERAL SERVICES ADMINISTRATION **GSA** FORM **3539** (11-84)

Monthly Inspection Report

BUILDING NAME & LOCATION: Phillip Burton Federal Building & US Courthouse
CONTRACT NO.: _____GS-09P-06-KSD-0000__
CONTRACTOR NAME: ____XXX Cleaning Service____

Please report all deficiencies found during the previous month inspection(s). Attach copies of all GSA 3539 Forms submitted to the contractor with this form. If there were no deficiencies, please submit this form indicating there were no deficiencies reported for the month. This form will become a part of the official QA documentation.

DEFIENCIES & CORRECTIVE ACTIONS	COMMENTS
Documented on the Contract Cleaning Inspection Reports	All deficiencies minor, corrected by the Contractor

SAMPLE

COR

Signature: _____ Date: _____

COR's Checklist for Inspections

	CUSTODIAL AND RELATED SERVICES	COMMENTS
	Submittals: -a list of names and telephone numbers of on-site supervisors -security clearance documentation (current & new employees) - work schedules - floor maintenance schedules - MSDS documentation - initial IPM inspection report	
	Quality Control Plan (QCP) - description of training programs - description of disciplinary procedures - description of contingency plan for separation of employees	
	Inspection Reports	
	Service Call Logs	
	Tenant Reports	
	Integrated Pest Management (IPM) Quarterly Reports	
	Recycling and Solid Waste/Trash Hauling Reports	

SAMPLE

NOTE: This checklist does NOT represent an all-inclusive list of items that may be reviewed during an inspection. It is provide ONLY as guidance for the CO or their designee.

EXHIBIT 4 BUILDING EXTERIOR AND HARDSCAPE PLAN

Used only when Contractor is required to provide pressure washing services

The Contractor shall submit to the CO a detailed Building Exterior and Hardscape Plan that addresses the listed work items. The plan helps ensure that grounds/site/building exterior management practices have the lowest environmental impact possible and that these practices preserve ecological integrity, enhance diversity and protect wildlife, while supporting building performance and integration into surrounding landscapes. At a minimum, the custodial and related services portion of the plan shall address the following items:

-Goals and Scope

-Responsible Party

-Guidance for Resources and Implementation

-Performance Measurement

-Training

-Maintenance Equipment

-Use of Chemical Concentrates and Dilution Systems

-Sustainable Building Exterior, Sidewalks, and Pavement Cleaning

-Paints and Sealants Used on the Building Exterior

-Snow and Ice removal (Snow and Ice Removal Plan can be substituted for this item)

-Cleaning of building exterior

-Cleaning equipment

-Cleaning of sidewalks, pavement, and other Hardscape

-Animal and vegetation pest control

-Landscape waste

-Fertilizer use

-Quality Assurance/Quality Control Processes

EXHIBIT 5 EROSION AND SEDIMENT CONTROL

IPM, Erosion Control, Landscape Management Plan[2]

Used only when Contractor is required to perform activities that disturbs the existing grounds conditions

The Contractor shall employ strategies such as temporary and permanent seeding, mulching, earth dikes, silt fencing, sediment traps and sediment basins to correct existing erosion such as typically found as the result of foot traffic killing the vegetation, steep slopes where sheet flow from storm water exceeds existing vegetation holding power, or point storm water outflow that exceeds the holding power of the vegetation covering the soil. The Contractor shall submit to the CO an IPM Erosion Control, Landscape Management Plan outlining how this will be accomplished. At a minimum, the custodial and related services portion of the plan shall address the following items:

-Goals and Scope

-Responsible Parties

-Guidance for Resources and Implementation

-Performance Measurement

-Training

-Chemical Treatment Purchasing and Application

-Integrated Pest Management (IPM)

-Erosion and Sediment Control

-Storm-Water Management Plan

-Landscape Management

-Composting

-Quality Assurance/Quality Control Processes

[2] This is a sample and is not intended to be comprehensive. Excerpts are from United States Green Building Council (USGBC.

EXHIBIT 6 GREEN PURCHASE REPORTS

Annual Contractor Reporting of Designated Bio-based Purchases

Section 9002 of the 'Farm Security and Rural Investment Act of 2002,' as amended by the 'Food, Conservation, and Energy Act of 2008, Pub. L. 110-246 (the Farm Bill)' requires Federal agencies to give a procurement preference to USDA-designated bio-based products and requires agency Contractors to report such purchases under service and construction contracts. The Federal Acquisition Regulation (FAR) Council subsequently published a bio-based final rule at 77 FR 23365, implementing the reporting requirement in the FAR at FAR 52.223-2, 'Affirmative Procurement of Bio-based Products Under Service and Construction Contracts' with an effective date of May 18, 2012. To facilitate collection of report data, the USDA, in consultation with the Chief Acquisition Officers Council, was tasked to develop a reporting template.

To comply with the reporting provisions of the Act, the Contractor shall file an annual report on purchases of designated bio-based products used under the performance of this contract.

Where To Submit:

CY2012: By December 31, 2012, for any contract that was awarded between May 18, 2012 and September 30, 2012, and which was reported to the Federal Procurement Data System – Next Generation (FPDS-NG), the Contractor shall submit bio-based purchases via the following USDA site: https://www.biopreferred.gov/BioPreferred/

Note: This is an interim reporting template and should be used only for contracts that meet the above criteria. Any other contracts will not pass the system validation test.

Future Reports: No later than October 31st in accordance with USDA reporting procedures, the Contractor is responsible for monitoring USDA progress on the development of a long-term reporting tool.

Note: The Contractor is responsible for monitoring USDA progress on the development of a long-term reporting tool.

All Reports: The Contractor shall provide a copy of each report to the CO or their designee and the Environmental Manager at PBSbiobasedreporting@gsa.gov.

Note: The US Department of Agriculture (USDA) bio-based products web site https://www.biopreferred.gov/BioPreferred/faces/catalog/Catalog.xhtml

EXHIBIT 7 GREEN PURCHASE REPORTS II

Non Bio-based Purchase Report	
Report Period Covered:	Date Report Prepared:

Building:					
Contract Number:					
Contractor:					
	Attributes and Cost				
	CPG	DfE	Green Seal	Env Choice	Other Green
Cleaners (Bathroom and spa cleaners Glass cleaners, etc.)					
Floor Cleaner					
Floor Finish			$8,000 (Sample Entry)		
Floor Stripper					$700 Low VOC (Sample Entry)
Hand cleaners and sanitizers					
Mulch and Compost	$7,500 (Sample Entry)				
Odor Control/Neutralizer					
Mobile equipment hydraulic oil					
Stationary equipment hydraulic oil					
Diesel fuel additives					
2-cycle engine oil					
Penetrating lubricants					
Greases					
Sorbents					
Adhesives and mastics					
Grease and graffiti removers					
Carpet and upholstery cleaners					
Laundry products					
Towels					
General purpose de-icer					
Wood and concrete sealers					

Resources Guide: Green Seal http://www.greenseal.org/FindGreenSealProductsAndServices.aspx
Design for the Environment (DfE) http://www.epa.gov/dfe/
EPA-CPG https://www.epa.gov/smm/comprehensive-procurement-guideline-cpg-program
SFTOOL Green Procurement Cleaning Products https://sftool.gov/

EXHIBIT 8

GSA Public Building Service

Office of Facility Management - Facility Technologies

GSA Best Practices for Building Automation System Technicians

DOCUMENT CHANGE LOG

Date	Revision	Comment	By
5/26/2017	2.3	Added alternative text to tables/images for 508 compliance.	CPayne
5/11/2017	2.2	Added estimated O&M cost savings	CPayne
5/05/2017	2.1	Updated Introduction	CPayne
5/04/2017	2.0	Final QC review completed and modifications made to document. Release revision 2.0 created.	CPayne
5/01/2017	1.2	Select GSA review complete and modifications made to document. Submitting for QC review.	CPayne
4/25/2017	1.1	Initial IB IBIE draft review complete and modifications made to document. Sent for select GSA review.	CPayne
4/13/2017	1.0	Document draft completed and submitted for internal technical review.	CPayne

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INTRODUCTION

This document is designed to serve as a guide and is intended to be utilized during the ongoing review of Building Automation Systems (BAS) throughout the GSA portfolio, while also normalizing the procedures behind these BAS reviews to be more consistent. This document also serves as a guideline for Facility Managers so they may know the full requirements a BAS subcontractor must fulfill while conducting remote and/or onsite service to better estimate and provide requirements for Operations & Maintenance (O&M) contracts.

APPLICABILITY

This document shall serve as the guideline for all BAS reviews conducted at regular intervals, scheduled site visits and shall include all facilities owned and operated by the GSA. In instances where GSA Smart Buildings Staff might be used to conduct a review of a leased space, this guideline shall also be applicable to the services being performed at the leased space. This guideline shall also govern subcontracted BAS services that take place in Federal Buildings. Subcontracted services shall be contracted in a manner that meets the intent of the performed services based on the size of the BAS.

DEFINITIONS

1. **Qualified Technician** – An individual is considered qualified when the following conditions are met:
    a. They have received formal training from a manufacturer's training course or are manufacturer-certified in the Building Automation System software/hardware used at the facility, and can provide references for completed projects in which the same BAS software/hardware was implemented within the last 12 to 18 months.
    b. The technician may be deemed qualified by GSA Smart Buildings personnel if they have successfully demonstrated the same level of expertise associated with taking manufacturer's certification courses. This is accomplished through a small testing procedure that will be administered by GSA Smart Buildings personnel.

    The qualified technician requirement is applicable to all personnel involved in the operation, adjustment and maintenance of all BAS, Energy Management Control Systems (EMCS), Advanced Monitoring Systems (AMS), and Lighting Control Systems (LCS). In the event these services are contracted, the contractor must provide to the COR or designee documentation of the level of experience, including any certificates of training for all employees who will be involved in this function. It is recommended that two (2) to four (4) technicians be assigned to the building who meet these qualifications both for proper support coverage and to simplify the ENT process to allow both physical and remote access to the building.

2. **Heating Season** – The heating season is defined as any period during the year when

hot water or steam is used for total facility heating purposes for a period lasting over a week. Heating season is typically associated with the winter season. This period can begin prior to and after the official calendar winter season period depending on the location. The heating season is typically associated with temperatures below 50 degrees for an extended period.

3. **Cooling Season** – The cooling season is defined as any period during the year when chilled water is used for total facility cooling purposes for a period lasting over a week. Cooling season is typically associated with the summer season. This period can begin prior to and after the official calendar summer season period depending on the location. The cooling season is typically associated with temperatures above 60 degrees for an extended period.

TYPES OF BAS REVIEWS

1. **THE MONTHLY REVIEW** process is utilized as a quick status of the BAS to determine overall functionality. *The review should be conducted monthly to maintain system health and normal functionality*. A total of ten monthly reviews will be conducted per year, with the remaining two months being allocated for an ongoing seasonal review that is conducted to best accommodate the biannual ongoing seasonal reviews (described below). The ongoing seasonal review will take the place of the monthly review for that month. In cases where schedules conflict with regular monthly reviews, no less than a two-week gap between reviews is permitted. Upon the completion of the monthly review, the results are to be documented on the corresponding forms and should be forwarded to GSA Building Management staff.

   a. **Personnel Requirements**

      Monthly reviews must be conducted by qualified personnel through the Operations and Maintenance (O&M) contract. A person is considered qualified if they can execute the tasks associated with a monthly review. This includes but is not limited to an O&M staff member, or through subcontracted services. A full-time BAS technician is not required to perform the tasks associated with a monthly review. In the event subcontracted services are procured by the O&M, the subcontracted technician must also be considered qualified. Further clarification regarding qualifying requirements is listed in the "*Definitions*" section above.

   b. **Documentation Requirements**

      A document requirement is also a component of the monthly review. This involves completing the "***Monthly Review Checklist***" (*example and link included in APPENDIX A*.) An electronic copy shall be made available using GSA Google Docs and shall be provided by GSA Facility Management. The regional GSA

Smart Buildings team is responsible for maintaining a current copy of the Monthly Review Checklist which will be made available to GSA facility management.

Another component of the monthly review documentation requirement is to review and complete the "***Change Request and Completion Log***" that will be made available to each GSA Federal facility. A sample of the "Change Request and Completion Log" and link is provided in APPENDIX B. Electronic substitutes (i.e. Google Sheet) are permitted if they meet the intended purpose of the log. If electronic substitutes are used, the GSA Smart Buildings Team shall have access to the log so they may enter and/or review information as well. **The "*Change Request and Completion Log*" is intended to be used as a tool by GSA and O&M to request changes to the BAS and track completion.** *Some requests that will appear on this log may include, but are not limited to: Schedule changes, reviewing a GSAlink Spark, adding or removing a user from the system, modifying a graphic page, modifying alarm parameters or notification settings, etc.*

c. <u>Site Visit Requirements</u>

To reduce costs associated with site visits, performing monthly reviews remotely via the secure GSA network is permitted when the review technician has proper ENT credentials. The documentation requirements must be submitted within 48 hours upon completion of the review. In the event subcontracted services are used to conduct a remote monthly review, the documentation must be submitted to the entity that subcontracted the services. It is encouraged to submit electronic documentation to comply with the Paperwork Reduction Act (PRA). Handling of the documentation shall be accomplished in accordance with Sensitive but Unclassified (SBU) safe handling measures.

d. <u>Monthly Review Requirements</u>

As described in the overview, a monthly review is used to determine a quick status of the BAS and to determine overall functionality. This provides a quick glance into possible issues going on with the building and associated building control systems. It is required to fully document the monthly review and submit documentation to GSA facility management staff for review.

Using the provided "***Monthly Review Checklist***" (*MRC example and link included in APPENDIX A*.), complete the initial documentation requirements such as date of service, check in time of service, and technician's name. Log into the BAS and perform the following checks:

i. Determine and record all the controllers to which a communication failure has occurred.
   - Record failed controllers and include them with the OSRC. A

network overview summary page, controller report or alarm report can be used to accomplish this task. It is recommended to utilize the alarming capabilities of the BAS to capture and report communication failures. This provides GSA facility management with a list of the controllers that have failed to communicate on the BAS network.

ii. Determine and record all the controllers currently in an Override state.
   - Record failed controllers and include them with the OSRC. A network overview summary page or custom report can be used to complete this task. This provides GSA facility management with a list of the controllers that have been overridden on the BAS network.

iii. Review historical trends to check for system anomalies.
   - Check histories for evidence of equipment short cycling, i.e. chillers, boilers, hot, chilled, and condenser water pumps, etc.
   - Record any system anomalies in the MRC.

iv. Review existing and previous/archived alarms since the last BAS monthly review was performed.
   - Determine if alarms pose any potential issues and record those in the MRC.

v. Review existing Schedules and determine if adjustments are required.
   - Record the proposed adjustments in the MRC (or the *Change Request and Completion Log* depending on the source of the schedule modification request.)
   - Perform any necessary schedule additions (Holiday, After Hours, etc.)

vi. Review and complete any modifications as noted in the "*Change Request and Completion Log*" and record relevant information in the log. This includes but is not limited to scheduling, historical trend, alarm, and programming changes.

vii. Once the monthly review tasks are completed, finalize the MRC by indicating the check-out time of the service call.

2. **THE ONGOING SEASONAL REVIEW** process is used to determine the status of the BAS controlled HVAC equipment transitioning into cooling or heating seasons. The review should be conducted twice a year and targeted around the beginning of each seasonal transition to maintain system health and normal functionality. A total of two (2) ongoing seasonal reviews will be conducted each year. The ongoing seasonal reviews take the place of the monthly review for that month. In cases where schedules conflict with regular monthly reviews, no less than a two-week (2 weeks) gap between reviews is permitted. Upon the completion of the ongoing seasonal review, the results are to be documented on the corresponding forms and should be forwarded to GSA Building Management staff. Further clarification regarding the beginning of heating and cooling season is listed in the "*Definitions*" section above.

   a. **Personnel Requirements**

      Ongoing seasonal reviews must be conducted by qualified personnel through the Operations and Maintenance (O&M) contract. A person is considered qualified if they can execute the tasks associated with an ongoing seasonal review. This includes but is not limited to an O&M staff member, or through subcontracted services. A full-time BAS technician is not required to perform the tasks associated with an ongoing seasonal review. In the event subcontracted services are procured by the O&M, the subcontracted technician must also be considered qualified. Further clarification regarding qualifying requirements is listed in the "*Definitions*" section above.

   b. **Documentation Requirements**

      A document requirement is also a component of the ongoing seasonal review. This involves completing the "***Ongoing Seasonal Review Checklist***" (OSRC) and the "***Ongoing Seasonal Review Equipment Log***" (*example and link included in APPENDIX C and D*.) An electronic copy shall be made available using GSA Google Docs and shall be provided by GSA Facility Management. The regional GSA Smart Buildings team is responsible for maintaining a current copy of the "*Ongoing Seasonal Review Checklist*" which will be made available to GSA facility management.

      Another component of the monthly review documentation requirement is to review and complete the "***Change Request and Completion Log***" that will be made available to each GSA Federal facility. A sample of the "Change Request and Completion Log" and link is provided in APPENDIX B. Electronic substitutes (i.e. Google Sheet) are permitted if they meet the intended purpose of the log. If electronic substitutes are used, the GSA Smart Buildings Team shall have access to the log so they may enter and/or review information as well. **The "*Change Request and Completion Log*" is intended to be used as a tool by GSA and O&M to request changes to the BAS and track completion.** *Some*

requests that will appear on this log may include, but are not limited to: Schedule changes, reviewing a GSAlink Spark, adding or removing a user from the system, modifying a graphic page, modifying alarm parameters or notification settings, etc.

c. Site Visit Requirements

Ongoing seasonal reviews shall be conducted onsite and not performed remotely. This maintains a minimum site visit requirement of two (2) onsite visits per year in conjunction with remote monthly reviews. In the event subcontracted services are used to conduct an ongoing seasonal review, the documentation must be submitted to the entity that subcontracted the services. It is encouraged to submit electronic documentation to comply with the Paperwork Reduction Act (PRA). Handling of the documentation shall be accomplished in accordance with Sensitive but Unclassified (SBU) safe handling measures.

d. Ongoing Seasonal Review Requirements

As described in the overview, an ongoing seasonal review is used to determine the status of the BAS controlled HVAC equipment transitioning to a cooling or heating season. This provides a glance into possible issues within the building HVAC and associated building equipment and control systems that could adversely affect a successful cooling or heating season transition. It is required to fully document the ongoing seasonal review and submit documentation to GSA facility management staff for review.

Using the provided "***Ongoing Seasonal Review Checklist***" (OSRC) and the "***Ongoing Seasonal Review Equipment Log***" (*example and link included in APPENDIX C and D*.), complete the initial documentation requirements such as date of service, check in time of service, and technician's name. Log into the BAS and perform the following checks:

i. Determine and record all the controllers to which a communication failure has occurred.
   - Record failed controllers and include them with the OSRC. A network overview summary page, controller report or alarm report can be used to accomplish this task. It is recommended to utilize the alarming capabilities of the BAS to capture and report communication failures. This provides GSA facility management with a list of the controllers that have failed to communicate on the BAS network.

ii. Determine and record all the controllers currently in an Override state.
   - Record failed controllers and include them with the OSRC. A

network overview summary page or custom report can be used to complete this task. This provides GSA facility management with a list of the controllers that have been overridden on the BAS network.

iii. Manually (and temporarily) override hot/cold water valves (depending on season) and verify changes in Discharge Air Temperature for the following:
- All Air Handling Units (AHUs)
- All Outside Air Units (OAUs)
- All perimeter heating (Heating Season Review)
- 10% sample of VAVs, FPUs, CAVs, etc.
    a. Note: If the facility under review has a full-time BAS technician on site, a 100% checkout is required.
- Record the results in the OSRC and the BAS Ongoing Seasonal Review Equipment Log.

iv. Manually (and temporarily) override electric heat (Heating Season Review) and verify changes in Discharge Air Temperature for the following:
- 10% sample of VAVs, FPUs, CAVs, etc.
    a. Note: If the facility under review has a full-time BAS technician on site, a 100% checkout is required.
- Test each stage independently on multi-stage units
- Record the results in the OSRC and the BAS Ongoing Seasonal Review Equipment Log.

v. Verify proper functionality of Chilled Water/Hot Water resets schedules on either system depending on the seasonal transition.
- Record the results in the OSRC

vi. Review historical trends to check for system anomalies.
- Check histories for evidence of equipment short cycling, i.e. chillers, boilers, hot, chilled, and condenser water pumps, etc.
- Check histories for evidence of AHU Discharge Air Temperature deviations for extended amounts of time.
- Record any system anomalies in the OSRC.

vii. Review existing and previous/archived alarms since the last BAS monthly review was performed.
- Determine if alarms pose any potential issues and record those in the OSRC.

viii. Review existing Schedules and determine if adjustments are required.
- Record the proposed adjustments in the MRC (or the *Change*

Request and Completion Log depending on the source of the schedule modification request).
- Perform any necessary schedule additions (Holiday, After Hours, etc.).

ix. Software and Firmware updates.
- Record current Supervisor/Server and Global Network Controller software build in the OSRC.
- If the BAS manufacturer has released an updated build within the same software release (i.e. v**4.3**.11x is currently installed and v**4.3**.12x is available), then update the Server software and any associated Global Network Controllers to the latest release. ***Note:*** *On regional servers that support multiple sites, this will need to be coordinated with all associated sites before the upgrade can proceed*.
- If the BAS manufacturer has released an updated version of the same software (i.e. v**4.3**.12x is installed and v**4.4**.00x is available), then the regional Smart Building Team and GSA Facility management personnel should be informed so GSA PB-ITS can begin/confirm the remediation process of the latest software upgrade. At no time, should the installation of major software releases be upgraded without PB-ITS prior approval. ***A path should be established at least one (1) week prior to the ongoing seasonal review if an upgrade to the latest software version <u>is necessary</u> and approved by GSA PB-ITS.***
- Record current fieldbus level controller's Firmware version in the OSRC.
- If the BAS equipment manufacturer has released an updated version of the applicable Firmware, upgrade all communicating controllers now. Note any failed or replaced controllers in the OSRC.

x. Complete any modifications as noted in the "*Change Request and Completion Log*" and record relevant information in the log. This includes but is not limited to historical trend, alarm, and programming changes.

xi. Once the ongoing seasonal review tasks are completed, finalize the OSRC by indicating the check-out time of the service call.

REVIEW TIME ALLOTMENTS

1. **THE MONTHLY REVIEW** time allotment requirements are based on the size of the facility and the BAS in the building. For contracting purposes, this section represents the time associated with completing a monthly review and can be used for the quotation process. This section is also intended to be a basic guideline and can be adjusted based on GSA facility management preferences. Below is a table showing the recommended review hours based on facility size. The table is broken into several columns indicating building size, hours required to complete the review, utility hours (used for documentation and miscellaneous programming changes), and the overall total hours. It is highly encouraged to seek a discounted remote review rate to reduce costs if possible.

   Note: *The time allotments suggested below are the recommended hours to conduct the Monthly Review, they do not include any additional time allotments for repairs, re-programming, materials or equipment. It is recommended to include some level of cushion to make any required modifications to the system that are discovered during the review.*

Square Footage	Review Hours	Utility Hours	Total Hours
Up to 149,999	3	1	4
150,000 to 399,999	4	2	6
400,000 to 749,999	5	2	7
750,000 to 999,999	6	2	8
1,000,000+	12	4	16

2. **THE ONGOING SEASONAL REVIEW** time allotment requirements are based on the size of the facility, the HVAC equipment quantities, and the BAS associated with the building. For contracting purposes, this section represents the time associated with completing an ongoing seasonal review and can be used for the quotation process. This section is also intended to be a basic guideline and can be adjusted based on GSA facility management preferences. In cases where buildings contain several smaller air handling units, additional time should be allotted to account for the added time it would take to complete an ongoing seasonal review. Below is a table showing the recommended review hours based on facility size. The table is broken into several columns indicating the building size, hours required to complete the review, utility hours (used for documentation and miscellaneous programming changes), the number of base AHUs included in the review hours estimate, the overall total hours (before time for additional AHUs is included), and the time allotment for additional AHUs. Use the following equation when estimating time during the quotation process:

   Hours = Total Hours + (0.5 hrs x (AHU Count – AHU Count Included))

   Note: *The time allotments suggested below are the recommended hours to conduct the Ongoing Seasonal Review, they do not include any additional time allotments for repairs, reprogramming, materials or equipment. It is recommended to include some level of cushion to make any required modifications to the system that are discovered during the review.*

Square Footage	Review Hours	Utility Hours	AHU Count Included	Total Hours (no additional AHUs)	Additional AHU Checkout
Up to 149,999	8	2	3 AHUs	10	30 minutes each
150,000 to 399,999	10	3	5 AHUs	13	30 minutes each
400,000 to 749,999	12	4	7 AHUs	16	30 minutes each
750,000 to 999,999	16	4	8 AHUs	20	30 minutes each
1,000,000+	24	6	12 AHUs	30	30 minutes each

ESTIMATED O&M COST SAVINGS

In cases where O&M contracts include provision for a full-time BAS technician to be onsite forty (40) hours per week, utilizing the language within this document could save a substantial amount of money annually. Using the time allotments above, and replacing the existing O&M contract language with the Monthly and Seasonal Review language above will allow the O&M to more accurately estimate the contract and provide more competitive quotes. This removes the necessity for a full-time technician in some cases.

1. **Onsite Only Option – No remote ENT access provided to contractor**
    a. Assumes an average full-time BAS technician cost of **$104,000.00 annually.**
    b. Assumes an hourly contracted labor rate of **$87.00** per hour multiplied by the number of Monthly and Ongoing Seasonal Reviews and by the recommended hours in the Review Time Allotments section above.
    c. Factors in an *estimated* number of miscellaneous hours to allow for re-programming and other changes found during the reviews and for additional AHU checkout of larger buildings.

Square Footage	40hr Week Tech Cost Average	Total Onsite Seasonal Review Costs	Total Onsite Monthly Review Costs	~Hours for Misc	~Total Additional Cost for Misc	~Total Annual O&M Cost Onsite Option	~Total Annual O&M Savings when using Onsite Option
Up to 149,999	$104,000	$1,740.00	$3,480.00	48	$4,176.00	$9,396.00	$94,604.00
150,000 to 399,999	$104,000	$2,262.00	$5,220.00	72	$6,264.00	$13,746.00	$90,254.00
400,000 to 749,999	$104,000	$2,784.00	$6,090.00	84	$7,308.00	$16,182.00	$87,818.00
750,000 to 999,999	$104,000	$3,480.00	$6,960.00	96	$8,352.00	$18,792.00	$85,208.00
1,000,000+	$104,000	$5,220.00	$13,920.00	192	$16,704.00	$35,844.00	$68,156.00

2. **Remote Option – ENT access provided to contractor for remote support**
    a. Assumes an average full-time BAS technician cost of **$104,000.00 annually.**
    b. Assumes an hourly contracted labor rate of **$87.00** per hour (Onsite) and **$67.00** per hour (Remote) multiplied by the number of Monthly and Ongoing Seasonal Reviews and by the recommended hours in the Review Time Allotments section above.
    c. Factors in an *estimated* number of miscellaneous hours to allow for re-programming and other changes found during the reviews and for additional AHU checkout of larger buildings.

Square Footage	40hr Week Tech Cost Average	Total Onsite Seasonal Review Costs	Total Remote Monthly Review Costs	~Hours for Misc	~Total Additional Cost for Misc	~Total Annual O&M Cost Remote Option	~Total Annual O&M Savings when using Remote Option
Up to 149,999	$104,000	$1,740.00	$2,680.00	48	$4,176.00	$8,596.00	$95,404.00
150,000 to 399,999	$104,000	$2,262.00	$4,020.00	72	$6,264.00	$12,546.00	$91,454.00
400,000 to 749,999	$104,000	$2,784.00	$4,690.00	84	$7,308.00	$14,782.00	$89,218.00
750,000 to 999,999	$104,000	$3,480.00	$5,360.00	96	$8,352.00	$17,192.00	$86,808.00
1,000,000+	$104,000	$5,220.00	$10,720.00	192	$16,704.00	$32,644.00	$71,356.00

APPENDICES

A. BAS MONTHLY REVIEW CHECKLIST

- The monthly review process is utilized as a quick status of the BAS to determine overall functionality. *The review should be conducted monthly to maintain system health and normal functionality*. In cases where schedules conflict with regular monthly reviews, no less than a two-week (2 weeks) gap between reviews is permitted. Upon the completion of the monthly review, the results are to be documented on the corresponding forms and should be forwarded to GSA Building Management staff.

- Below is an example of the BAS Monthly Review Checklist. The Google Docs version of this and all checklists can be found at the following link:

  https://docs.google.com/spreadsheets/d/1ZgI11B3s0jP3Adhfk5GqSS5L3NbFesdDqtD4PeJ62KQ/edit#gid=0

BAS Monthly Review Checklist

Building ID: _____ **Bldg. Name:** _____

Service Date: ___/___/___ **Check-In Time:** _____ **Check-Out Time:** _____

O&M/BAS Technician Name: _____

Item #	BAS Monthly Task		Notes/ Comments	Date Completed
1	**Determine and record all the devices to which a communication failure has occurred.**			__/__/__
	1.a	Take screen shots of the failed devices and include them with the MRC. A network overview summary page can be used without the need to take individual screenshots of each graphic page. This provides GSA facility management with the exact devices that have failed to communicate on the BAS network.		__/__/__
2	**Determine and record all the devices currently in an Override state.**			__/__/__
	2.a	Take screen shots of the overridden devices so they can be included with the MRC. A network overview summary page can be used without the need to take individual screenshots of each graphic page. This provides GSA facility management with the exact devices that have been overridden on the BAS network.		__/__/__
3	**Review historical trends to check for system anomalies.**			__/__/__
	3.a	Record any system anomalies in the MRC.		__/__/__
4	**Review existing and previous/archived alarms since the last BAS monthly review was performed.**			__/__/__
	4.a	Determine if alarms pose any potential issues and record those in the MRC.		__/__/__
5	**Review existing Schedules and determine if adjustments are required.**			__/__/__
	5.a	Record the proposed adjustments in the MRC.		__/__/__
	5.b	Perform any necessary schedule additions (Holiday, Afterhours, etc.)		__/__/__
6	**Complete any modifications as noted in the "Change Request and Completion Log" and record relevant information in the log. This includes but is not limited to historical trend, alarm, and programming changes.**			__/__/__

Appendix A – BAS Monthly Review Checklist Example

B. BAS Change Request and Completion Log

- **The "*Change Request and Completion Log*" is intended to be used as a tool by GSA and O&M to request changes to the BAS and track completion.** *Some requests that will appear on this log may include, but are not limited to: Schedule changes, reviewing a GSAlink Spark, adding or removing a user from the system, modifying a graphic page, modifying alarm parameters or notification settings, etc.*

- Below is an example of the BAS Change Request and Completion Log. The Google Docs version of this and all checklists can be found at the following link:

  https://docs.google.com/spreadsheets/d/1ZgI11B3s0jP3Adhfk5GqSS5L3NbFesdDqtD4PeJ62KQ/edit#gid=0

BAS Change Request and Completion Log

Building ID: _____ **Bldg. Name:** _____

Service Date: ___/___/___ **Check-In Time:** _____ **Check-Out Time:** _____

O&M/BAS Technician Name: _____

Date	Equipment ID	Original BAS Setting/Programming	BAS Changes Implimented
__/__/__			
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Appendix B – BAS Change Request and Completion Log Example

C. BAS Ongoing Seasonal Review Checklist

- The ongoing seasonal review process is used to determine the status of the BAS controlled HVAC equipment transitioning into cooling or heating seasons. The review should be conducted twice a year, preferably around the beginning of each seasonal transition to maintain system health and normal functionality.

- Below is an example of the BAS Ongoing Seasonal Review Checklist. The Google Docs version of this and all checklists can be found at the following link:

  https://docs.google.com/spreadsheets/d/1ZgI11B3s0jP3Adhfk5GqSS5L3NbFesdDqtD4PeJ62KQ/edit#gid=0

BAS Ongoing Seasonal Review Checklist

Building ID: _____ **Bldg. Name:** _____
Service Date: / / **Check-In Time:** **Check-Out Time:**
O&M/BAS Technician Name: _____
Seasonal Transition (Cooling or Heating): _____

Item #		BAS Monthly Task	Notes/ Comments	Date Completed
1		**Determine and record all the devices to which a communication failure has occurred.**		__/__/__
	1.a	Take screen shots of the failed devices and include them with the OSRC. A network overview summary page can be used without the need to take individual screenshots of each graphic page. This provides GSA facility management with the exact devices that have failed to communicate on the BAS network.		__/__/__
2		**Determine and record all the devices currently in an Override state.**		__/__/__
	2.a	Take screen shots of the overridden devices so they can be included with the OSRC. A network overview summary page can be used without the need to take individual screenshots of each graphic page. This provides GSA facility management with the exact devices that have been overridden on the BAS network.		__/__/__
3		**Manually actuate hot/cold water valves (depending on season) and verify changes in Discharge Air Temperature for the following:**		__/__/__
	3.a	All Air Handling Units (AHUs)		__/__/__
	3.b	All Outside Air Units (OAUs)		__/__/__
	3.c	All perimeter heating (*Heating Season Review only*)		__/__/__
	3.d	10% sample of VAVs, FPUs, CAVs, etc. (*Note: If the facility under review has a full-time BAS technician onsite, a 100% checkout is required.*)		__/__/__
	3.e	Record any issues in the BAS Ongoing Seasonal Review Equipment Log		__/__/__
4		**Manually engage electric heat (*Heating Season Review only*) and verify changes in Discharge Air Temperature for the following:**		__/__/__
	4.a	10% sample of VAVs, FPUs, CAVs, etc. (*Note: If the facility under review has a full-time BAS technician onsite, a 100% checkout is required.*)		__/__/__
	4.b	Test each stage independently on multi-stage units		__/__/__
	4.c	Record any issues in the BAS Ongoing Seasonal Review Equipment Log		__/__/__
5		**Verify proper functionality of Chilled Water/Hot Water resets on either system depending on the seasonal transition.**		__/__/__
	5.a	Record any system anomalies in the OSRC.		__/__/__
6		**Review historical trends to check for system anomalies.**		__/__/__
	6.a	Record any system anomalies in the OSRC.		__/__/__
7		**Review existing and previous/archived alarms since the last BAS monthly review was performed.**		__/__/__
	7.a	Determine if alarms pose any potential issues and record those in the OSRC.		__/__/__
8		**Review existing Schedules and determine if adjustments are required.**		__/__/__
	8.a	Record the proposed adjustments in the OSRC.		__/__/__
	8.b	Perform any necessary schedule additions (Holiday, Afterhours, etc.)		__/__/__
9		**Software and Firmware updates**		__/__/__
	9.a	Record current Supervisor/Server and Global Network Controller software build in the OSRC.		__/__/__
	9.b	If the BAS manufacturer has released an updated build within the same software release (*i.e. v4.3.11x is currently installed and v4.3.12x is available*), then update the Server software and any associated Global Network Controllers to the latest release. (*Note: On regional servers that support multiple sites, this will need to be coordinated with all associated sites before the upgrade can proceed.*)		__/__/__
	9.c	If the BAS manufacturer has released an updated version of the same software (*i.e. v4.3.12x is installed and v4.4.00x is available*), then the regional Smart Building Team and GSA Facility management personnel should be informed so GSA PB-ITS can begin/confirm the remediation process of the latest software upgrade. **At no time, should the installation of major software releases be upgraded without PB-ITS prior approval.** A path should be established now to upgrade to the latest software version.		__/__/__
	9.d	Record current fieldbus level controller/s Firmware version in the OSCR.		__/__/__
	9.e	If the BAS equipment manufacturer has released an updated version of the applicable Firmware, upgrade all communicating controllers now. Note any failed or replaced controllers in the OSRC.		__/__/__
10		**Complete any modifications as noted in the "Change Request and Completion Log" and record relevant information in the log. This includes but is not limited to historical trend, alarm, and programming changes.**		__/__/__

Appendix C – BAS Ongoing Seasonal Review Checklist Example

D. BAS Ongoing Seasonal Review Equipment Log

- Below is an example of the BAS Ongoing Seasonal Review Equipment Log. This document will be utilized for describing equipment-specific issues and the areas of control to which they apply and is only used in conjunction with the OSRC. The Google Docs version of this and all checklists can be found at the following link:

  https://docs.google.com/spreadsheets/d/1ZgI11B3s0jP3Adhfk5GqSS5L3NbFesdDqtD4PeJ62KQ/edit#gid=0

BAS Ongoing Seasonal Review Equipment Log

Building ID: _____ **Bldg. Name:** _____

Service Date: _____ **Check-In Time:** _____ **Check-Out Time:** _____

O&M/BAS Technician Name: _____

Seasonal Transition (Cooling or Heating): _____

List equipment failures/errors by ID and check each item that applies; describe issue and recommendation or corrective action taken.

Equipment ID	Status				Scheduling				Ongoing Seasonal Review Checkout										Comments	
	Trends	Alarms	In Override	Comm Failure	Holiday Calendar	Tenant Override Utilities	Occupied (Start)	Unoccupied (Stop)	DAT Reset	Static Pressure Reset	Hot Water Reset	Chilled Water Reset	Condenser Water Reset	Hot Water Valve	Electric Heat Stage #1	Electric Heat Stage #2	Perimeter Heating	Chilled Water Valve	Outside Air Damper	Describe Issue	Recommendation or Corrective Action

Appendix D – BAS Ongoing Seasonal Review Equipment Log Example

EXHIBIT 9 EXAMPLES OF ENVIRONMENTALLY SUSTAINABLE PRODUCT ATTRIBUTES AND OFFERINGS

CUSTODIAL PRODUCTS					
Product	**Contents to Avoid**	**Product Availability**			
		CPG	**Bio-based**	**Design for the Environment**	**Green Seal**
Cleaner	EDTA, NTA, chlorine, hypochlorite, and phosphates; petroleum-based solvents (glycol ethers, phenolic compounds); ammonia, butyl cellusolve, d-limonene	X	✓	✓	✓
Floor Cleaner	Ammonium hydroxide and other caustic components; butyl; petroleum-based solvents (glycol ethers, phenolic compounds, mineral spirits, stoddard solvent)	X	✓	✓	✓
Floor Finish	Zinc, metal-crosslinked polymers, butyl ether, formaldehyde, nitrobenzene, phenol, petroleum-based solvents (glycol ethers, stoddard solvent)	X	✓*	✓	✓
Floor Stripper	Butyl cellosolve, monoethanolamine, sodium hydroxide	X	✓	✓	✓
Hand Soap	Anti-microbial agents (triclosan, alcohol)	X	✓	✓	✓
Mulch and Compost	Virgin materials	✓	✓	X	□
Odor Control / Neutralizer	Formaldehyde, naphthalene, isopropyl alcohol, paradichlorobenzene, xylene, butane, ethanol, phenol	X	✓	✓	✓
Paper Towel	Virgin materials	✓	X	X	✓
Plastic Trash Can Liner	Virgin materials	✓	X	X	✓
Snow and ice removal products	Toxic, propylene glycol methyl ether, ethanol, ammonia	X	X	✓	X
Toilet Paper	Virgin materials	✓	X	X	✓
Upholstery and Rug Cleaner	Perchloroethylene, naphthalene, butyl cellosolve, propylene glycol methyl ether, ethanol, ammonia	X	✓	✓	✓
Vacuum Cleaner & Other Equipment	See CRI Green Label Standard for Vacuum Cleaners for additional guidance	X	X	X	X

✓ Product available

X Product currently not available

Notes:

When a product is Bio-based and CPG, Select CPG. Otherwise, if not exempted, bio-based shall be chosen over other attributes. On the GSA Advantage website some environmental product indicators, such as 'Non-Toxic' and 'Biobased', are specified by the product vendor and have not been independently verified. Prior to procurement, it is important to examine the Material Safety Data Sheet (MSDS) for each product in order to verify that the environmental indicators designated by the vendor are accurate.

EXHIBIT 10 UNIT PRICE AGREEMENT

1. Alterations: Not Exceeding $100,000.00. Minor alterations are changes and improvements to existing occupant and building space(s) and building components. The contractor shall provide the Government with a written proposal for the alterations. The contractor shall perform alterations upon issuance of a delivery order by designated ordering officials. Minor Alterations shall not exceed $100,000.00 per order.

2. Off-Hours Service is work authorized in advance by the COTR/PM to provide technical and other labor support at times other than Standard Building Occupancy Hours (such as starting up and shutting down of equipment on weekends).

UNIT PRICE AGREEMENT – BUILDING

The following items are recurring alterations at the Captain John J. Moakley Courthouse Building in Boston, MA. Estimated quantities are for one year. The Government may order alterations from this listing, adjusting the price in accordance with bid documents, with no further negotiation with the Contractor.

The following estimates assume that the Contractor will perform the work during normal hours. An after hour differential has been provided.

Percent (%) based upon the line item with in the Unit Price Agreement – Normal Rate (estimated work provided in Unit Price Agreement. Total evaluation will include total of all items based on estimates provided and multiplied by percentage proposed).

Percent (%) for After Hours based upon the line items with in the Unit Price Agreement-- (estimated work provided in Unit Price Agreement. Total evaluation will include total of all items based on estimates provided and multiplied by percentage proposed).

NO.	TASK DESCRIPTION	UNIT PRICE Yr01 ESTIMATE	UNIT	PROPOSED UNIT PRICE
A	**Demolition Walls, Drop Ceiling, and Electrical :**			
1	**Demolition Walls:** Material, Tools & Labor for protection of surfaces, utility management, demolition, patch/paint at wall and ceiling demo termination points, cleanup and approved disposal of 5/8" Gypsum Wall Board (GWB), metal studs, insulation, Ceiling grid and tiles .	(b) (4) [redacted]	SF	
	Estimated Unit Cost per Square Foot: **Estimated Quanity:250 Sq. Ft.**			
2	**Demolition Electrical:** Materials, Tools, & Labor for removal and make safe of existing light fixtures and service feeds (A. Price EA). Removal and make safe of existing in wall duplex or quad receptacles, switches, HVAC controls, data, and	(b) (4) [redacted]	EA EA	

	associated wiring (B. Price EA)			
	Estimated Unit Cost per Outlet: **Estimated Quanity: 20**			
B	**Installation of Walls, GWB, and Insulation:**			
3	**Installation Walls A:** Material, Tools & Labor to install per International Building Code (IBC) 20 gauge 3 5/8" metal studs, and track. Floor to Upper deck STC 43-44 rated wall partition.	(b) (4) [redacted]	SF	
	Estimated Unit Cost per Square Foot: **Estimated Quanity: 1000 Sq. Ft.**			
4	Material, Tools & Labor to Install, tape, mud, finish sand, and cleanup 5/8" Fire X rated GWB finished to accept primer and paint.	(b) (4) [redacted]	SF	
	Estimated Unit Cost per Square Foot: **Estimated Quanity: 1000 Sq. Ft.**			
5	Material and Labor for installation of Sound Attenuation Batt (SAB), or Fire Rate Insulation.	(b) (4) [redacted]	SF	
	Estimated Unit Cost per Square Foot: **Estimated Quanity: 300 Sq. Ft.**			
6	**Installation Walls B:** Material, Tools, & Labor to install 20 gauge 3 5/8" steel stud and track partition wall **NO insulation** STC 38-40 rated Floor to 6" above drop ceiling grid height.	(b) (4) [redacted]	SF	
	Estimated Unit Cost per Square Foot: **Estimate Quanity: 500 Sq. Ft.**			
C	**Standard welded steel frame, oak door, and hardware:**			
7	Standard Doors and Frames**:** Material**,** Tools, & Labor for installation of **NEW steel** welded hospital/rabbit frame and finish stained solid fire rated Oak door and associated **standard** oil rubbed bronze hardware per building standard.	(b) (4) [redacted]	EA	
	Estimated Unit Cost: **Estimated Quantity: 10**			
8	Removal of existing welded frame and door with hardware to be salvaged for re-use.	(b) (4) [redacted]	EA	
	Estimated Unit Cost: **Estimated Quantity: 10**			
9	Installation of re-used welded frame, door, and hardware to include rough opening configuration and (Threshold if required)	(b) (4) [redacted]	EA	
	Estimated Unit Cost: **Estimated Quantity: 10**			
D	**Electrical and Data Installation:**			
10	Installation Electrical: Labor and Material for installation and Building Automation System (BAS) integration of supplied light fixture.	(b) (4) [redacted]	EA	
	Estimated Unit Cost: **Estimated Quantity: 10**			
11	Labor and Material for installation of NEW NON-	(b) (4) [redacted]	EA	

	Government supplied acoustical ceiling grid (ACG) drop in fixture, branch (whip), metal clad cable, sub panel “Home-run” feed (no greater than 100’) and integration to Building Automaton System			
	Estimated Unit Cost: **Estimated Quantity: 10**			
12	Labor and Material for installation or relocation of 20 amp duplex or quad receptacles and associated, boxes, MC circuit feeds, switches, panel location labeling, and testing.	(b) (4) [redacted]	EA	
	Estimated Unit Cost: **Estimated Quantity: 10**			
13	Labor and material to install a **new** grounded to IG panel isolated ground (orange) duplex or quad receptacle. Installation of 20 amp dedicated circuit receptacle.	(b) (4) [redacted]	EA	
	Estimated Unit Cost: **Estimated Quantity: 10**			
14	Material and Labor for installation of CAT 6E plenum rated data lines per agency cable spec guide.	(b) (4) [redacted]	LF	
	Estimated Unit Cost per LF: **Estimated Quantity: 1500 Linear Ft.**			
15	Material and Labor for installation of Tel/Data in wall 3/4” or 1” rigid conduit, box, face plate, patch cords, and labeling per agency cable spec.	(b) (4) [redacted]	EA	
	Estimated Unit Cost: **Estimated Quantity: 10**			
E	**Mechanicals HVAC:**			
16	**Mechanical HVAC Duct Demolition:** Material, Tools, and Labor to remove, dispose, and properly terminate existing flexible and rigid supply ducts and diffusers. Including adjustments to maintain building supply air flow.	(b) (4) [redacted]	LF	
	Estimated Unit Cost per LF: **Estimated Quantity: 1000 Linear Ft.**			
17	**Mechanical HVAC Installation**: Labor and materials for new flexible or rigid duct, and supply diffusers installed per International Mechanical Code (IMC) and pressure sealed per Sheet Metal and Air Conditioning Contractors National Association (SMACNA) standards.	(b) (4) [redacted]	LF	
	Estimated Unit Cost per LF: **Estimated Quantity: 1000 Linear Ft.**			
18	Drain down, valve isolate/cap, relocate, support, and recharge an **existing** Fan Terminal Unit and extend associated piping, controls, and wiring.	(b) (4) [redacted]	EA	
	Estimated Unit Cost: **Estimated Quantity: 10**			

19	NEBB Test, Balance, and tie in of Building Automation System of all **new or relocated** HVAC supply diffusers associated VAVs, controls, and set points per new space dimensions and GSA air quality regs.	(b) (4) [redacted]	EA	
	Estimated Unit Cost: **Estimated Quantity: 10**			
F	**Paint, Carpet, Acoustical Ceiling and Finishes:**			
20	Material, Tools, and Labor to prep, prime, and paint vertical surface walls (minimum two (2) coats finish). Color and sheen to be determined by Government.	(b) (4) [redacted]	SF	
	Estimated Unit Cost per Square Foot: **Estimated Quantity: 12,000 Sq. Ft.**			
21	Material, Tools, and Labor to remove and properly dispose of existing broadloom or tile carpet.	(b) (4) [redacted]	YD	
	Estimated Unit Cost per Square Yard: **Estimated Quantity: 2000 Sq. Yd.**			
22	Tools and Labor to install per manufacturers requirements Government supplied Broadloom carpet.	(b) (4) [redacted]	YD	
	Estimated Unit Cost per Square Yard: **Estimated Quantity: 2000 Sq, Yd.**			
24	Tools and Labor to install per manufacturers requirements Government supplied carpet tile	$	SF	
	Estimated Unit Cost per Square Foot: **Estimated Quantity: 2000 Sq. Ft.**			
24	Material, Tools, and Labor to remove existing vinyl flat and cove wall base.	(b) (4) [redacted]	LF	
	Estimated Unit Cost per LF: **Estimated Quantity: 1000 Linear Ft.**			
25	Material, Tools, and Labor to install building standard vinyl wall base.	(b) (4) [redacted]	LF	
	Estimated Unit Cost per LF: **Estimated Quantity: 1000 Linear Ft.**			
26	Material, Tools, and Labor for installation, modification, or replacement of building standard "fineline" acoustical ceiling grid and tiles.	(b) (4) [redacted]	SF	
	Estimated Unit Cost per Square Foot: **Estimated Quantity: 500 Sq. Ft.**			
G	**Specialties:**			
27	**Fire Suppression:** Material, Tools, and Labor to isolate, secure alarms, drain, relocate, add, and re-charge building fire suppression service line and sprinkler head.	(b) (4) [redacted]	EA	
	Estimated Unit Cost: **Estimated Quantity: 10**			
g1	**Millwork, Specialty Doors and Hardware:**			
28	**Rift cut oak door and oak frames 3' x 7'**: Material, Tools, and Labor for installation of code	(b) (4) [redacted]	EA	

	compliant building standard stained and finished rated oak door frame with mortised hinge and strike pockets. Oil rubbed bronze standard hardware.			
	Estimated Unit Cost: **Estimated Quantity: 10**			
29	**Millwork**: Material, Tools, and Labor to install premium grade Architectural Woodwork Standard (AWI) method stained and finished building standard oak base board and crown molding.	(b) (4) [redacted]	LF	
	Estimated Unit Cost per LF: **Estimated Quantity:200 LF**			
30	**Electronic Mag lock**: Material, Tools, and Labor to install an electronic Mag lock, electric strike, and associated controls and hardware.	(b) (4) [redacted]	EA	
	Estimated Unit Cost: **Estimated Quantity: 10**			
31	**Electronic door closure or Delayed Egress crash bar**: Material, Tools, and Labor to replace or install new electronic door opener and associated wiring, controls, and hardware. Building standard finish.	(b) (4) [redacted]	EA	
	Estimated Unit Cost: **Estimated Quantity: 10**			
32	**Mortise Lockset installation**: Materials, Tools, and Labor to install new or replaced building standard and finish mortise lockset with removable core.	(b) (4) [redacted]	EA	
	Estimated Unit Cost: **Estimated Quantity: 10**			
33	**Cores and Locksmithing**: Material and labor to install a new building standard removable core with replacement keying per building and agency key schedule.	(b) (4) [redacted]	EA	
	Estimated Unit Cost: **Estimated Quantity: 10**			
34	**Panic Bar and Hardware:** Provide and install replacement or new building standard finish door panic device and hardware.	(b) (4) [redacted]	EA	
	Estimated Unit Cost: **Estimated Quantity: 10**			
g2	**Specialty Finishes**			
35	**Exterior Paint:** Materials, Tools, and Labor to prepare, prime, and paint exterior metal bollards, gate arms, and rails with manufacturer approved or marine grade epoxy or paint.	(b) (4) [redacted]	SF	
	Estimated Unit Cost per Square Foot: **Estimated Quantity: 500 Sq. Ft.**			
36	**Interior Polymix:** Materials, Tools, and Labor to prepare, prime, and apply per manufacturers requirements building standard "Zolatone Polymix"	(b) (4) [redacted]	SF	

	Estimated Unit Cost Per Coat Estimated Quantity: 6,000 Sq. Ft. Per Coat:			
37	**Interior Wood Stain:** Material, Tools, and Labor to prep and apply touch-up building standard stain finish to existing Oak doors and millwork.	(b) (4) [redacted]	SF	
	Estimated Unit Cost per Door: Estimated Quantity: 2,000 Sq. Ft.			

EXHIBIT 11 SUMMARY OF ENVIRONMENTALLY PREFERABLE PRODUCT ATTRIBUTES

PRODUCT USE	PREFERABLE CONTENTS	CONTENTS TO AVOID	NON-TOXIC OPTIONAL	BIOBASED OPTIONAL
Adhesive - Aerosol	Rubber-based; low-VOC	SARA 313 chemicals (cyclohexane, hexane, methylene chloride); petroleum distillates; CFCs	ü	X
Adhesive - Epoxy	Non-toxic; low-VOC	Isopropyl alcohol; SARA 313 chemicals (toluene)	ü	X
Adhesive Remover	Soy-based mixture; citrus extract; low-VOC	Aerosol; petroleum distillates	ü	ü
Coil Cleaner	Non-acid cleaners with non-toxic, biobased contents; low-VOC; if acid must be used acetic or phosphoric acid are preferable	Sulfuric acid, hydrofluoric acid, or similar caustic chemicals. SARA 313 chemicals (trichloroethylene)	ü	ü
Concrete/Wood Sealer	Water-based, latex-based, or biobased sealers; low-VOC	Acrylonitrile; SARA 313 chemicals (n-methyl-2-pyrrolidone)	ü	ü
Degreaser	Water or biobased (soy) degreasers; non-toxic; non-aerosol; low-VOC	Aerosol; petroleum distillates	ü	ü
Deicer (Road and Windshield)	Biodegradable windshield deicer; salt-free ice melt; magnesium chloride or calcium chloride; calcium magnesium or magnesium acetate	SARA 313 chemicals (methanol, isopropyl alcohol, ethylene glycol); aerosol; sodium chloride	ü	ü

Descaler	Enzyme-based descaler; urea; trisodium phosphate; low-VOC	Hydrochloric (muriatic) acid or similar caustic compounds (oxatic or hydrofluoric acid); sodium hypochlorite	ü	ü
Fuel Additive	Biobased; non-toxic	Petroleum distillates	ü	ü
Graffiti Remover	Biobased content (soy/corn); low-VOC	SARA 313 chemicals (toluene, xylene); acetone; isopropyl alcohol	ü*	ü
Grease / Lubricant	Biodegradable/biobased content (soy or vegetable oil); non-toxic; re-refined lubricating oils; low-VOC	Petroleum or mineral-based oils; metallic soaps or polyurea derivatives; sulfur, chlorine, zinc; amine phosphate or other irritants	ü	ü
Light Bulbs	Energy Star or FEMP fluorescent bulbs or tubes; reduced mercury content	Mercury	**n/a**	**n/a**
Mastic	Water or acrylic-based; non-toxic; low-VOC	Petroleum-distillates (mineral spirits)	ü	X
Paint	Remanufactured or recycled paint; water-based or latex-based; low-VOC	Aerosol; oil-based (alkyd) paints (mineral spirits, aliphatic hydrocarbons); SARA 313 chemicals (toluene, xylene, ethyl benzene); acetone	ü	X
Paint Remover	Biobased; non-toxic; low-VOC	SARA 313 chemicals (n-methyl-2-pyrrolidone, methanol, methylene chloride); isopropyl alcohol	ü*	ü
Spray Foam	CFC-free; biobased (soy); low-VOC	HCFCs; SARA 313 chemicals (formaldehyde)	X	ü*

ü Product available and offered through GSA Advantage
ü* Product available, but not currently offered through GSA Advantage
X Product currently not available

Notes:
a - On the GSA Advantage website some environmental product indicators, such as 'Non-Toxic' and 'Biobased', are specified by the product vendor and have not been independently verified. Prior to procurement, it is important to examine the Material Safety

EXHIBIT 12 MONTHLY REPORT TEMPLATE

MONTHLY REPORT FOR :	
TASK ORDER/CONTRACTOR #:	
DATE OF REPORT:	
FOR PERIOD:	

PREPARED BY

NAME:	
TITLE:	
CONTRACTOR:	
PHONE NUMBER:	

1. STATUS OF ALL WORKORDERS – Attach copy of NCMMS printout if available

2. EQUIPMENT WORKING OFFLINE

3. OPERATING SCHEDULE CHANGES

4. DESCRIPTION OF LOST TIME FOR ACCIDENTS OR OTHER SAFETY PROBLEMS

5. QUALITY CONTROL INSPECTIONS

6. BUILDING SERVICES, UTILITY MISCELLANEOUS HOURS

7. COPIES OF ARRIVAL AND DEPARTURE REPORTS

8. MONTHLY WATER TREATMENT AND OTHER TEST RESULTS

9. RECALIBRATION DOCUMENTATION OF ADVANCED METERS (2 X/yr)

10. REFRIGERATION CONTROL LOGS

11. FUEL LEVELS

EXHIBIT 13 BUILDING OPERATING PLAN TEMPLATE

BUILDING OPERATING PLAN

Insert Building Photo
(ABP Photo)

PREPARED FOR:
BUILDING NAME
ADDRESS, CITY & STATE
BUILDING NUMBER

REGION X

DATE

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5.0 ENERGY MANAGEMENT CONTROLS AND SPECIFICATIONS….....X
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6.4 RAIN GUTTERS
6.5 DRAINS
6.6 WINDOWS
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1.0 GENERAL GUIDANCE

This document presents the Building Operating Plan for (Enter bldg name and address City, State Zip Code)

This plan documents the procedures for the operation of all the mechanical and electrical equipment in the Building. Equipment is operated to maximize safety and to maintain comfort conditions. Electric, gas, and water usage is kept to a minimum without compromising either safety or comfort. The systems covered by this Building Operating Plan include:

1) Electrical systems and equipment
2) Mechanical systems and equipment
3) Fire Protection systems and equipment
4) Control Systems controlling all systems which themselves are within the scope
5) Architectural and Structural systems, fixtures, structures and equipment within the government owned site.
6) Vertical Transportation (Elevators / Escalators)

Excluded from this Building Operating System:

1) Security Systems
2) Telecommunication Systems
3) Equipment owned and operated by tenant agencies
4) Furnishings
5) Equipment owned by servicing public utilities

When levels of required services change, when building equipment changes, when operating procedures change, or when Agency requirements change, the plan shall be revised on a timely basis (within 10 working days) and submitted to the CO or designee.

The conservation of energy is not achieved at the expense of maintaining the required environmental or other special conditions described elsewhere in the building operating plan. Energy conservation is achieved through effective operational and maintenance practices as well as appropriate repairs or alterations to existing equipment or systems which reduce the overall cost of service. Energy conservation is achieved through the employment of good engineering and operating practices using accepted methods and procedures.
It is the tenant Agency's responsibility to ensure that lights and equipment are turned off when not needed, that ventilation is not blocked or impeded, and that windows and other building accesses are closed during the heating and cooling seasons. The operation of portable heaters, fans and other such devices in Government controlled space is prohibited unless authorized by the GSA Building Manager.
There are no areas in the building authorized to maintain a level of lighting higher than that specified in the Federal Property Management Regulations or as directed by GSA.
There are no areas in the building authorized to maintain higher room temperatures during the heating season than those authorized by GSA.

Temperature- Heating/Cooling

The Contractor shall adhere to the temperature levels and energy conservation practices identified herein.

During normal working hours, temperature controls shall be set to maintain space temperatures in accordance with the latest guidelines issued by the American Society of Heating, Refrigeration and Air-Conditioning Engineers, Inc., (ASHRAE), Thermal Environmental Conditions for Human Occupancy.

During non-working hours heating temperature shall be set no higher than 55 degree Fahrenheit* and air-conditioning will not be provided except as necessary to return space temperatures to a suitable level during working hours and to assure the protection of the building and its systems.

*Minimum setback for temperatures and humidity control may vary from the established ASHRAE standards where it is necessary to maintain a specified set point as established by the architect and the Architectural Woodwork Institute (AWI) in order to maintain and protect the finished woodwork throughout the courtrooms and offices. These perimeters will be established and adjusted as necessary by the CO or their designee in order to maintain the building interior finishes.

Temperature levels stipulated by the Government are subject to change based on nationwide energy policies.

There are no night time set-backs for the chilled water, but at night the load is reduced because there is no demand for it. So the demand on the chillers is less.

General Contract Information

Service Provider:
Contract #:
Contact:
Base:
Option 1:
Option 2:

The Contractor shall provide all management, supervision, labor, materials, supplies, repair parts, tools, and equipment. They are also responsible to plan, schedule, coordinate and ensure effective and economical completion of all work and services specified in this Contract.

All mechanical specifications are a statement of the minimum level of work and services that are to be provided in certain areas under this plan. They are not intended to be, nor shall they be construed as, limiting specifications or requirements. At a minimum, the Contractor will be required to take all steps and measures which would be taken by a prudent building owner to maximize the life expectancy of the property, including having a journeyman mechanic/technician(s) on-site for a minimum of 8 hours per day, 8:30am-5:00pm.

All mechanical, electrical, utility, interior and exterior architectural and structural systems in the buildings shall be operated and/or maintained at the highest level of efficiency compatible with the current energy conservations requirements, and maintained at an acceptable level, throughout the Contract performance period.

An “acceptable level” of maintenance is defined as the level of maintenance, that will preserve the equipment and structure in unimpaired operating condition; i.e. above the point where deterioration will begin, thereby diminishing the normal life expectancy of the equipment and/or structure. The Contractor is responsible for performing scheduled and unscheduled maintenance and maintenance repairs, as necessary, on a 24-hour a day, 365 days per year basis including emergency call-back service.

The Contractor shall maintain the machinery spaces, shops, and storerooms in a safe, clean, and orderly manner. When work is performed in these areas, the Contractor’s personnel shall clean up all debris and leave the area in a presentable condition. The machinery rooms including floors and the equipment located within the machinery rooms shall be painted as necessary to maintain the appearance of the room and equipment. When painting, the Contractor must comply with the ANSI color coding system outlined in the ASNI A13.1, Scheme for the Identification of Piping Systems, and maintain the identity (identification number) of the equipment. The Contractor must obtain the approval of the CO or their designee before storing anything in machinery spaces.

Utilities

Utility Provider Information:

Utility Type: Electric
Utility Provider:
Account#
Accounting String:
Contract Period:

Utility Type: Electric (Lights & Plugs)
Utility Provider:
Account#:
Accounting String:
Contract Period:

Utility Type: Sewer Service
Utility Provider:
Account#:
Meter#:
Accounting String:
Contract Period:

Utility Type: Water Service
Utility Provider:
Account#:
Meter#:
Accounting String:
Contract Period:

Utility Type: Fire Protection

Utility Provider:
Account#:
Meter#:
Accounting String:
Contract Period:

Utility Type: Gas
Utility Provider:
Account#:
Meter#:
Accounting String:
Contract Period:
Deduction Meter-

Overtime/Reimbursable
Overtime utilities are provided upon request except with agencies that have computer rooms that require 24/7 cooling, which is billed quarterly.

OVERTIME UTILITIES

AGENCY	AREA REQUIRING OT	LOCATION	DURATION
_____	_____	_____	_____

Startup & Shutdown Times & Procedures

Normal Operating Hours:

Supervisory Building Manger:
Property Manager:
Engineer Tech:
Assistant Property Manager:

Number of Occupants:

Number of Parking Spaces:

Primary Tenant:

Classifications:
Building Number:
Construction Date:
Accessibility Compliant:
Security Level:
Tier Designation:
Congressional District:

Structure:
Design and Construction:

Gross Square Feet:
Rentable Square Feet:
Useable Square Feet:
Floors:

2.0 OPERATIONAL PROCEDURES AND SITE PLANS

This Section describes the procedures for operating the building's HVAC systems.

2.1 BOILER PLANT

As Applicable

2.2 CHILLER PLANT

As Applicable

2.3 DOMESTIC HOT WATER PLANT

As Applicable

2.4 HEATING BOILER PLANT

As Applicable

2.5 GENERAL PLUMBING AND DOMESTIC WATER SYSTEMS

As Applicable

2.6 WATER TREATMENT PLANS

As Applicable

2.7 FIRE ALARM SYSTEMS

As Applicable

Fire Protection Drawings-

Contractor Information
Service Provider:
Contract #:
Contact:
Base:
Option 1:
Option 2:

2.8 FIRE SUPPRESSION SYSTEMS

As Applicable

2.9 SITE PLANS AND DRAWINGS

As Applicable (Note to preparer: You may refer to location of applicable site plans and drawings.)

2.10 EQUIPMENT INVENTORY

As Applicable *(Note to preparer: You may refer to location or add as an attachment)*

3.0 HVAC EQUIPMENT DESCRIPTIONS AND SEQUENCES OF OPERATION

3.1 PENTHOUSE MECHANICAL ROOM

As Applicable

3.2 PENTHOUSE AIRHANDLERS

As Applicable

3.3 MAIN AIRHANDLERS

As Applicable

AFTER HOURS OCCUPANCY:
Air Handling Units:

AHU	Floor Serviced	Location

Mechanical Drawings-

Indoor Air Quality

EXHIBIT 14 SMART BUILDING

GSA SMART AND SUSTAINABLE BUILDINGS

SMART TECHNOLOGIES – BACKGROUND AND PURPOSE

Background Because of current Government energy reduction executive orders and regulatory mandates, GSA Public Buildings Service has several programs in development and at various stages of implementation that O&M Contractors should be aware of. One of these programs includes Smart Building technologies. Currently, approximately 250 buildings in the GSA portfolio are undergoing Smart Technologies design and implementation enhancements. Some facility projects involve complete detailed design-built from the infrastructure to completed project designs. Others involve modest retrofits to update key building controls systems. A key objective of implementing Smart Technologies in GSA buildings is to capture and make available more real-time performance data about the individual building systems (HVAC/BAS, Lighting, and Advanced Meters). This data will be made available to O&M Contractors and building support personnel and will increase in significance over time as more details are learned as GSA analyzes this new trend of monitoring building performance at a detailed level. O&M Contractors should be aware that if they are involved in operational support of one of GSA's newer Smart Buildings, that tools, processes, data, and some procedures may need to be modified to meet GSA requirements for long-term improved operational efficiencies as a result of the investment the Government is making in these new technologies. O&M Contractors should continue to monitor developments in this area as more buildings in the GSA portfolio deploy Smart Technologies.

1.0 TREND TOWARD INTEGRATED BUILDING SYSTEM TECHNOLOGIES

New building technologies, and their convergence with traditional information technology, have altered the way in which facilities can be monitored, maintained, and operated. Trends in building systems technology have provided opportunities in the market place to alter the way facilities managers use real time data to operate their facilities more efficiently. Building Systems are getting increasingly more dependent on software, IT networks (physical and wireless), servers, internet access, and cloud-based/hosted solutions. This shift in domain expertise has outpaced traditional design and construction practices. As a result, building operations and maintenance staff need to adapt, be more proactive, and leverage the availability of real-time data to help them perform building systems support more effectively. This may involve more thorough planning and redefining some processes, procedures, and job roles in order to better operate the facilities that have these newer technology based systems.

GSA SPECIFIC SMART & SUSTAINABLE BUILDING OBJECTIVES RELATED TO O&M CONTRACT SUPPORT

C.22.1 CONTROL SYSTEMS

The Contractor shall maintain control systems and sequences as documented in facility operations plan. The Contractor will document all Integrated Building Systems set-points, schedules and alarms and present them to the Government for initial review and backup and annually thereafter.

On an as-needed basis, submit a request to owner for additional recommended trending, monitoring, graphics, or control points with intent to improve building operations, energy efficiencies, and performance

of O&M duties. Consider 80/20 rule focusing recommendations on 20% of building equipment that impact 80% of operating efficiency and costs

The Contractor shall be responsible for making set point adjustments as necessary and appropriate to meet GSA objectives in facility operations plan. This action requires the approved by CO or designee.

The Contractor shall be responsible for keeping building system software functioning and for upgrading/re-installing software on computers or building system controllers as necessary to keep current with manufacturer release levels and GSA IT support policies and procedures

C.22.3 SMART BUILDINGS

The Government is taking proactive steps to converge a building's monitoring and control systems on common GSA-supported network infrastructure to enable access to real-time controls systems performance data (i.e. data points). If the facilities' building systems network was installed and maintained by GSA CIO, then this building has Government-furnished (GFE) network equipment and Smart Technologies deployed. This also means that the Contractor will potentially need to coordinate troubleshooting and support with building system Contractors (HVAC, Lighting, etc.) and GSA CIO to help identify and resolve issues.

INTEGRATED BUILDING SYSTEMS

Assist the Government by ensuring that all relevant equipment vendors, with equipment installed in facility, maintain their respective systems (i.e. HVAC, BAS, Lighting, Advanced Metering, etc.) in accordance with GSA Smart and Sustainable Buildings intended objectives (i.e. open systems running on a single GSA Building Systems data network)

The Contractor shall act as a liaison and facilitate efforts between their respective building-specific monitoring and control system subcontractors and work through the CO or their designee GSA with the Information Technology Office (PBS CIO) on issues related to O&M operations.

The Contractor shall make recommendations to the government (as applicable), on improvements to sequences of operations. Communications for alarms set up for remote notification shall be tested on a recurring basis.

The contractor shall be responsible for keeping manufacturer and/or O&M building system software (BAS, BMS software) functioning. This includes, but is not limited to, upgrading and/or re-installing manufacturer's building system software on GFE computers and manufacturer's building system controllers as necessary to keep current with manufacturer recommended release levels and to keep in compliance with all applicable GSA IT support policies and procedures.

H.9.4 (QUALIFICATIONS OF TECHNICIANS) OR H.10 (QUALIFICATIONS OF BAS TECHNICIANS)

All Contract personnel involved in the operation, adjustment, and maintenance of all BAS systems including energy management systems, modern converged technologies (Smart and Sustainable Building Technologies) must be trained and qualified. The Contractor shall provide to the CO or their designee documentation of the level of experience, including any certificates of training, for all employees who will be

involved in this function. This includes, but is not limited to, skill sets involving Internet Protocol (IP) based Building Automation Systems (BAS), Information Technology (IT) Ethernet networks, and Building Management expertise to effectively understand and recommend troubleshooting procedures in the new converged technologies environment.
Contractors shall hire well-rounded resources capable of understanding converged technologies to better facilitate troubleshooting and building systems problem resolution.

The Contractor shall be proficient in applicable controls systems (e.g. JCI, Honeywell, Siemens, Delta, Automated Logic, Alerton, and Tridium). The Contractor shall be aware of building systems running on GSA IP Enterprise Network and capable of initiating trouble shooting if network communications is suspect. This means being familiar with procedure for logging GSA IT Help Desk ticket and following up to ensure ticket is being worked by assigned party. Some familiarization with the use of Integrated Control systems, GSA IP Addresses, function of network routers, function of network switches, networks communications, and BAS software will be necessary.

All BAS Technicians shall be certified in the building-specific integrated system controls certification (i.e. Tridium Niagara, JCI/Metasys, Siemens Apogee, etc.). GSA's intent is to align the correct BAS technician certification for the BAS installed in the building.

H.8 PERSONNEL TRAINING, H.8.2 – SMART AND SUSTAINABLE BUILDINGS (SSB) TRAINING

MANDATORY TRAINING (AT LEAST ONE STAFF MEMBER):
One-hour "GSA Smart and Sustainable Buildings (SSB) Overview"

- Module 1 - Includes GSA FMSP Smart and Sustainable Buildings Overview
- Module 2 - Includes PBS CIO Support Procedures

OPTIONAL TRAINING (RECOMMENDED FOR MORE IN DEPTH PROFICIENCY):
Penn State GSA Smart Buildings Course (http://smartenergyacademy.org/gridstar/)

DEFINITIONS
BUILDING AUTOMATION SYSTEM (BAS):
The "building automation system" is a system controlling and monitoring building HVAC, and possibly other systems, to include all device, field, and global controllers, instrumentation, networking infrastructure, computers and peripherals, software, programming, database files, and licenses.
CONTROLS AND CONTROL SYSTEM:
A "control system" is any low-voltage control, communication and monitoring system, including but not limited to stand alone devices, field and global controllers, instrumentation, networking infrastructure, computers and peripherals, software, programming, database files, and licenses. Examples are the Building Automation System (BAS), Advanced Metering System (AMS), and lighting control systems. Fire protection systems and security systems are excluded from this definition for purposes of this Contract and are defined separately. Gateway devices, mapping software and files for data interchange between a control system and a fire protection or security system are considered part of the control system.
GSALINK.:

The GSAlink initiative is one of GSA's strategic projects. The purpose of this initiative is to leverage automated building analytics technology to measure and substantially lower operational expenses in the existing owned building portfolio. GSAlink is a hardware and software solution to capture real-time building systems point data, apply rules-based analytics software to the data, and spot trends and deficiencies while reporting actionable events to building operators, O&M Contractors, and GSA Service Center property managers.

OPEN SYSTEMS:

An "open systems" solution is based on industry standard open protocols. This environment and solution is typically designed, procured, installed and maintained in a manner that provides the building owner with as many competitive configuration options as possible while maintaining the integrity of the supported manufacture system. The solution must be procured and installed so that the result delivers device level interoperability amongst different manufactures residing on a common network. In addition, the solution must be maintained with no future need for the original (installing) Contractor. Additions, modifications, and retrofits can easily, without significant additional cost, be made to the system without dependence on the original installing Contractor or require substantial engineering or other technical development. Contractors shall specify Open Systems solutions where feasible and reasonably possible.

GOVERNMENT-FURNISHED EQUIPMENT (GFE):

Any required computer or server hardware (i.e. PC, laptop) and peripherals (i.e. mouse, keyboard, monitor) and/or routing and switching equipment, used to provide GSA network connectivity, must be government-furnished and must be provided by the GSA.

EXHIBIT 15 WATER TREATMENT

INSTRUCTIONS, CONDITIONS, AND NOTICES TO

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1.0 INTRODUCTION

This appendix establishes mandatory standards for water in HVAC and domestic water systems in GSA facilities, along with information related to the intent of the standards and guidelines that in most circumstances can be used to construct a water treatment program that will be approved by GSA. Treatment standards are mandatory; procedural instructions in these guidelines are advisory unless required by law or regulation. Subject to GSA approval, maintenance Contractors generally may propose alternative programs where accompanied with sufficient technical data and implementation detail for GSA to determine the likelihood of success of such an alternative program. Any program approved by GSA may be subsequently disapproved if results are unsatisfactory.

Regardless of the complexity or size of a loop, a qualified water treatment Contractor or personnel should be consulted or employed to help the building maintenance personnel develop a water treatment program specific to the needs of each system. The treatment chemicals themselves should be purchased through a licensed supplier that specializes in commercial and/or industrial water systems. Many water treatment chemicals require licenses for specific uses and are regulated by Federal, state, and Local governments. Maintenance Contractors are responsible for selecting and submitting for approval an appropriate program, and for compliance with laws regarding chemical discharge and usage.

Maintenance Contractors are responsible for providing all instrumentation and test equipment necessary to monitor compliance with these standards (e.g., installation of coupon racks or other corrosion monitoring equipment where not already installed).

2.0 TYPES OF RECIRCULATION WATER LOOPS

There are five basic open and closed loop water systems used for the daily operation of commercial buildings. Each system is vital to the everyday operation of the buildings mechanical systems. The following open and closed loop water systems are described as follows.

2.1 OPEN LOOP COOLING WATER SYSTEM

An open loop cooling water system generally uses cooling towers to cool condenser water that serves chilled water central plants, water source heat pumps and computer room air conditioning units. There are cases where a waterside economizer “free cooling” system is used in place of a chiller to cool condenser water during periods of low ambient conditions. During “free cooling” mode the chilled condenser water is passed through a heat exchanger to cool the closed loop cooling or chilled water loop.

An open loop is exposed to outside contaminants and requires frequent maintenance, chemical tests, and chemical treatment that should be determined by a water treatment Contractor. In general, large systems require chemical tests be performed weekly and a water treatment Contractor to inspect the chemical systems monthly. The four main goals of maintaining an open loop cooling system are; inhibition of mineral scale, corrosion, minimizing bacterial contamination, and general fouling inhibition. See Section 3.0 for a detailed description of cause and effect when using chemical inhibitors.

2.2 CLOSED LOOP COOLING WATER SYSTEMS

A closed loop cooling water system can either be used for chilled water or condenser water. In a closed loop chilled or condenser water system the cooling water is circulated through the chiller or heat exchanger where it is cooled then pumped through air handlers’ cooling coils, fan coil units, computer rooms units, water source heat pumps, etc.

In view of the fact that a closed loop cooling water system will not be exposed to as much outside containments and no evaporation as in an open loop system, the dissolved mineral concentration in the system will remain relatively constant and there will be virtually no need for blow down. Once the system is

filled, every effort should be made to limit the amount of water leakage from seals, water sampling, valve testing and other routine system maintenance. When water leaks out of the system, it will be replaced with untreated makeup water. This water introduces additional minerals and dissolved oxygen into the system. Consistent chemical treatment is sustained with the use of chemical tablet “slug” feed water treatment products.

The treatment program for closed loop cooling water systems requires less frequent testing. The goal of the closed loop program is to inhibit corrosion, inhibit mineral scale formation, and inhibit bacteria growth. See Section 3.0 for a detailed description of cause and effect when using chemical inhibitors.

2.3 STEAM AND CONDENSATE RECIRCULATION SYSTEMS

Steam systems are closed loop systems that produce either saturated low pressure or superheated high-pressure steam via a steam boiler. The condensate water, with the addition of makeup water, is re-circulated through the steam boiler. A steam system should have an automated water makeup, a mechanical deaerator, condensate pumps, feed water pumps, steam traps, low feed water flame cut off controls and chemical pot feeders for condensate and makeup water treatment. The steam system will be a collection of steam regulators, steam turbines, heat exchanges for heating purposes, or through an absorption chiller to indirectly produce chilled water for space cooling.

The evaporation of water and elevated temperatures cause most of the minerals present in tap water to bond with each other, causing an increase in system mineral concentration. The four main goals to maintaining a steam system is prevention of mineral scale formation, oxygen corrosion, general corrosion, and condensate corrosion. Biocides are not needed in a steam system because bacteria do not grow in high temperature environments. Alternatively, if steam is supplied by a Local utility, then the steam has already been chemically treated and further chemical treatment may not be necessary. See Section 3.0 for a detailed description of cause and effect when using chemical inhibitors.

2.4 CLOSED LOOP HOT WATER SYSTEMS

A closed loop hot water heating system is not exposed to a great deal of outside containments. Therefore, the dissolved mineral concentration in the system will remain relatively constant and there will be virtually no need for blow down. Once the system is filled, every effort should be made to limit the amount of water leakage from seals, water sampling, valve testing and other routine system maintenance. When water leaks out of the system, it will be replaced with untreated makeup water. This water introduces additional minerals and dissolved oxygen into the system. Consistent chemical treatment is sustained with the use of slug feed water treatment products.

The treatment program for this system is very similar to the closed loop cooling system. The key difference is that hot water systems require more corrosion inhibitor as a result of higher water temperatures. In fact, most hot water systems require two to three times the corrosion inhibitor of closed loop cooling water systems. The goal of a closed loop hot water treatment program is to inhibit corrosion, mineral scale formation, and bacteria growth. See Section 3.0 for a detailed description of cause and effect on using chemical inhibitors.

2.5 DOMESTIC HOT AND COLD WATER SYSTEM

A domestic hot and cold water system provides potable water for washing and general domestic use. The water within these systems will contact food, people, or will be consumed, so there is no chemical treatment used for this system to prevent mineral scale or corrosion due to water supplied by the Local utility. The only water treatments used for these systems is the addition of water softeners and filtration systems. The reduction of the corrosive and scaling tendencies of oxygenated hard or softened water is

done by repairing leaky fittings and fixtures, limiting the velocity of the circulating water, and/or limiting the operating temperature of the hot water system.

3.0 WATER CHEMICALS TREATMENT ADDITIVES

Environmental regulations, handling guidelines and the chemical additives for water systems should be provided by a certified Local water treatment consultant. It is the building operator's responsibility to ensure compliance with municipal by-laws, and environmental regulations when disposing of chemicals and handling accidental spills. Disposing of chemically treated water into the sewer system must be monitored in blow down logs and not allowed to exceed levels specified by municipal sewage utility by-laws.

The chemical additives suggested herein are organized by class to encompass a variety of chemical additives that are used in open and closed water loops and steam boiler systems.

3.1 MINERAL SCALE INHIBITOR

Mineral scale is the precipitation of dissolved minerals such as calcium carbonate onto the surfaces of the cooling tower, boiler, heat exchangers tubes, and piping. This mineral scale forms an insulating layer on the surfaces that inhibits heat transfer and restricts flow through the system. Mineral scale also promotes corrosion and fouling in open loop and steam systems. All re-circulating water and steam boiler systems should have a mineral scale inhibitor as part of their water treatment program.

Mineral scale inhibitors are separated into two main categories, sludge conditioners and dispersants. Sludge conditioners are typically used when there is a relatively high concentration of calcium and magnesium in the makeup water. Sludge conditioners are crystal modifiers that allow the minerals to precipitate but interfere with the structure of the crystal to help form a soft sludge that can be easily removed from the steam boiler or cooling tower through blow down. Dispersants are usually polymer-based molecules that help to keep the trace minerals in solution so that they do not precipitate into scale deposits. The mineral scale inhibitors are especially needed when there is little or no pretreatment of the makeup water or when filtration equipment is not reliable. Even with excellent control of the scale inhibitor, chemical scale formation still occurs.

Water treatment consultants use computer models to determine the type of scale inhibitor needed as well as the limits for system pH and total dissolved solids (TDS). These computer models take into account the specific operating parameters of the system and help the water treatment consultant to choose a specific water treatment program that will work.

Open Loop Cooling Water System:

An open re-circulating cooling water treatment program commonly uses a chemical additive that is a combination of a mineral scale inhibitor and a corrosion inhibitor. The type and dosage of mineral scale inhibitor needed is dependent upon the concentration and composition of the minerals in the makeup water, the pH of the cooling water, and the temperature of the cooling water.

The overall scale inhibitor program for a cooling water system may consist of a mineral scale inhibitor additive (such as a polymer dispersant), acid for pH control, and limits for the total dissolved solids and/or conductivity of the cooling water. Acid feed and pH control will not be needed in every system.

Steam Systems with Re-circulating Water:

In steam boilers, the buildup of an insulating layer can lead to tube failure and efficiency losses. Calcium and magnesium are the most abundant forms of mineral scale found in a steam boiler system because the solubility of these two minerals decreases as the temperature increases. To minimize the potential for mineral scale formation, most steam boilers have some type of makeup water pretreatment to remove

certain minerals from the water before it enters the boiler. The goal of most pretreatment equipment is to minimize the concentration of these two minerals in the makeup water so that there is a less significant chance that they will precipitate and form a crystal scale deposits. Even with good pretreatment, mineral scale inhibitors are needed in all steam boiler systems.

Dispersant mineral scale inhibitor programs are used in steam boilers that have good pretreatment and very low levels of calcium and magnesium in the makeup water. Dispersants are usually only used when the total hardness in the makeup water is greater than 5 ppm consistently. The dispersants are usually a polymer based molecule that helps keep the trace minerals in solution so that they do not precipitate into scale deposits.

Closed Loop Cooling Water and Hot Water (Heating) Systems:

In a closed loop system the mineral concentration is relatively stable because very little makeup water is needed. This helps to minimize the need for mineral scale inhibitors. In systems that have poor quality makeup water, with a total hardness above 300 ppm, it is best to pre-treat the water with softeners to remove calcium and magnesium from the makeup water. In most cases, pretreatment of the makeup water is not necessary. Closed loop cooling and hot water systems should be treated with a polymer dispersant mineral scale inhibitor. This scale inhibitor is usually combined with a corrosion inhibitor in a one-drum formulation.

3.2 CORROSION INHIBITOR

Open Loop Cooling Water Systems:

The corrosion inhibitor chemical treatment protects the metal piping from degradation over time. The type of corrosion inhibitor that is used depends upon the specific metallurgy present in the system as well as the chemistry of the makeup water and pH level in the water. Corrosion inhibitor additives are intended to provide a protective layer on the interior walls of piping which stops the occurrence of corrosion in the system. A certified chemical water treatment consultant should be contacted to determine the specific type and amount of corrosion inhibitor necessary for each building's distinct system.

In most cases, there is more than one type of metallurgy in a system, such as galvanized steel, copper, stainless steel, etc. Different metals require distinct chemicals to prevent corrosion, so it is important that the corrosion inhibitor portion of the program have additives that are specific to each type of metal. In most cases, blends of different corrosion inhibitors are used to ensure that all of the metal is protected.

Closed Loop Cooling and Hot Water Systems:

Corrosion is the principal concern in a closed loop cooling and hot water systems. There are many different types of corrosion inhibitors available on the market, but the most common products are nitrite based. As with any corrosion inhibitor program, the type of program used is determined by the type of metals used throughout the system. Mild steel systems should be treated with nitrite, molybdate, or phosphonate type inhibitors. Systems containing copper should have some type of azole product.

If bacterial contamination is a problem, Nitrite programs should be avoided. The nitrite corrosion inhibitor can act as a food source for bacteria. The bacteria will convert the Nitrite into Nitrate and Ammonia. This will destroy the corrosion inhibitor function of the product. A certified chemical water treatment consultant will be able to find the best product for this type of system.

There is one difference between a closed loop cooling and heating systems, which is the dosage of the corrosion inhibitor. The corrosion inhibitor of closed loop hot water system will have dosage 2 – 3 times greater than the dosage for a closed loop cooling water system.

3.3 BACTERIA CONTAMINATION CONTROL

The control of the bacteria growth is the most important part of an open loop cooling and closed loop cooling and hot water treatment program because bacterial contamination can lead to fouling, mineral scale, and corrosion. Bacterial contamination is controlled through the use of biocides. Below is a description on bacterial contamination control that is used for open loop cooling, closed loop cooling, and closed loop hot water systems.

Open Loop Cooling Water Systems:

Open loop cooling water systems are inherently prone to bacterial contamination without a proper water treatment. High bacteria levels in a cooling water system can lead to bio-deposits (algae for example) and increased fouling that can reduce heat transfer in the heat exchangers and cooling tower. The bio-deposits and increased fouling can reduce water flow through the system if there is improper water treatment.

In view of the fact that open cooling water systems are highly susceptible to bacteria growth, the water treatment program should have some type of biocide chemical additive. Biocides kill living organisms and/or bacteria and can be categorized as either oxidizing or non-oxidizing. An oxidizing biocide, when applied at the correct dosage, will kill all types of bacteria. A non-oxidizing biocide targets certain bacteria and will not kill some types of bacteria.

A non-oxidizing biocide can be compared to an Anti-biotic that is used to treat bacterial infections in people. Over dosing a system or improper usage of a non-oxidizing biocide can create strains of bacteria in the cooling water system that are resistant to the biocide. Limit the program to the use of non-oxidizing biocides alone is never recommended. It is good practice to utilize both an oxidizing biocide and a non-oxidizing biocide to strictly control bacterial contamination. This method is more costly so some building managers chose to only utilize only oxidizing biocides.

The types of oxidizing biocide needed are dependent upon the physical limitations of the facility, safety concerns, costs, and maintained pH of the recirculation water. For example, bromine based oxidizing biocides should be used any time the pH of the water in the system is above 7.5. A water treatment supplier or consultant can provide specific information regarding the different types of oxidizing and non-oxidizing biocides that will suit the needs of your system.

It is important to note that there are both Federal and state laws that regulate the usage and application of biocides for commercial and industrial usage. When choosing a water treatment supplier or consultant, make sure that they are properly licensed and registered in your area to provide guidance on the usage of biocides or pesticides. Also, it is important that you only use biocide products that are specifically approved for use in an open loop cooling water system.

Closed Loop Cooling and Hot Water Systems:

It is not uncommon for closed loop systems to experience bacterial contamination, especially if these systems are treated with nitrite. In general, the more makeup water a system needs, the more likely that system is predisposed to bacteria problems.

If a closed loop system has a bacteria problem or will not maintain a nitrite residual, there are basically two options to correct the problem. The first solution is to switch the corrosion Inhibitor program to a program that does not contain a food source for bacteria. The second best solution is to utilize non-oxidizing biocides to treat the bacteria problem. A non-oxidizing biocide should be used in a closed loop system because they do not react with the corrosion inhibitors and they do not promote corrosion themselves. An oxidizing biocide will degrade most corrosion inhibitors and they can increase corrosion rates in a closed

loop system. It is always best to contact a licensed water treatment consultant that can help you to determine the dosages of biocide needed and which biocide will work for your system.

3.4 GENERAL FOULING INHIBITOR

A fouling inhibitor is added to an open loop cooling water system when the makeup water contains high levels of suspended particles or turbidity. This includes high levels of dirt, silt, Iron, or other colloidal particles present in the makeup water, which occurs in rare applications. If this is the case, it may be necessary to add a fouling inhibitor additive to the system. These inhibitors are similar to mineral dispersants but are designed to target suspended particles instead of dissolved minerals. Generally, the mineral dispersant treatment program will be sufficient to provide general system fouling inhibition. If the mineral dispersants are not sufficient, contact a licensed water treatment consultant to see if a fouling inhibitor is needed for the system.

3.5 OXYGEN CORROSION CONTROL

Steam Systems with Condensate Recirculation:

Due to the high temperatures produced by a steam boiler plant, the corrosive reaction between oxygen and carbon steel is greatly increased. The oxygen corrosion in a steam system usually causes internal pipe pitting and can lead to pipe failures and leaks very rapidly. In order to protect the steam system metal from oxygen pitting, it is very important to remove the oxygen from the makeup water using both mechanical deaeration and chemical processes.

At room temperature, water normally contains about 9 ppm of dissolved oxygen. As the temperature of the water increases, the solubility of oxygen in the water decreases. A mechanical deaerator is designed to raise the temperature of the feed water to just below boiling so that the oxygen concentration in the water drops from 9 ppm to less than 0.05 ppm. After the makeup water is mechanically depleted of its oxygen content, it is still necessary to reduce it further. The further reduction in oxygen content is done with an oxygen scavenger chemical, which will reduce the concentration of oxygen to levels below 0.005 ppm.

There are many different types of chemicals used as Oxygen Scavengers. The most common Oxygen Scavenger is Sodium Bi-Sulfite. Contact a licensed water treatment consultant that will decide what product meets all the needs of a given steam system.

3.6 GENERAL CORROSION CONTROL

Steam Systems with Condensate Recirculation:

A steam system should include an Oxygen corrosion control treatment program along with a general system corrosion control treatment program. A general corrosion control chemical treatment program includes the addition of buffering agents to the boiler feed water to minimize the potential for corrosion throughout the system. This buffering agent is frequently in the form of alkali solution. The alkali species neutralize acids in the water and raise the pH to create a slightly Basic environment that is less corrosive to the metal piping.

Some makeup water has enough natural alkalinity and is able to provide the feed water system with sufficient buffering, to keep the pH of the steam boiler feed water at or above 10.2. When there is not enough natural Alkalinity in the steam boiler feed water, a Caustic chemical should be added to raise the pH above 10.2. A water treatment consultant will be able to test the feed water in the steam system to determine if Caustic feed is needed and what dosage is necessary to raise the pH above 10.2.

3.7 CONDENSATE CORROSION CONTROL

Steam Systems with Condensate Recirculation:

The feed water is heated to produce high or low-pressure steam by the boiler. When this occurs some of the alkali solution species will breakdown into Carbon Dioxide (CO_2) gas. The CO_2 vapor produced will leave the steam boiler, along with the steam and is dissolved into the condensed condensate water, after the energy from the steam is utilized. As the CO_2 dissolves into the condensate water it produces a carbonic acid and will dramatically increase the corrosiveness of the condensate return water. In order to protect the condensate return piping from corrosion, the condensate must be feed with corrosion control chemicals.

The two most common types of condensate water treatment are neutralizing and filming chemical additives. A neutralizing chemical additive will neutralize the Carbonic Acid in the condensate water and raise the pH above acidic levels. A filming chemical additive will provide a protective layer on the interior of the piping to keep the condensate return water from actually touching the metal. In most cases a neutralizing chemical additive will tend to be slightly more expensive, but these chemicals are usually more effective.

There are limitations to the type of condensate treatment implemented for steam systems. For example there are certain treatment programs are restricted if the steam is used for food preparation or direct contact humidification, a treatment product that is approved for use with food preparation or direct contact humidification should be used. Contact a licensed water treatment consultant or supplier for more information regarding which products can be used and for which systems these chemicals are allowed.

4.0 SETTING UP A WATER TREATMENT PROGRAM

The most important step to setting up a water treatment program is to know what systems are present in the building and what are the requirements for water properties such as pH, conductivity, total dissolved solid (TDS), etc. The water property ranges, definitions and testing schedules are in Section 5. Many of these water chemistry properties can be monitored using stand-alone controllers or global building automation system (BAS) controls. A licensed water treatment consultant should be employed to model the building's water systems and develop an appropriate treatment plan for each system. There are many treatment plans available; below is a summary of typical plans used for each system, which are used by water treatment consultants in the United States.

4.1 OPEN LOOP COOLING WATER SYSTEMS

Monitoring conductivity as a measurement of the concentration of Total Dissolve Solids (TDS) is a crucial part of controlling an open loop water system. Conductivity limits should be set by a water treatment consultant and routinely monitored to ensure that mineral scale does not form. Cycles of concentration of the system should not exceed limits set by water treatment consultant. Automated blown down controls with a conductivity meter is recommended for open loop systems. The pH of the water should be routinely monitored especially if an acidic additive is used to control the pH. Corrosion inhibitor residual tests should also be run to verify that the system is receiving the correct dosage. Routine tests should be conducted daily, weekly, or monthly to monitor oxidizing biocide residuals and bacteria concentrations to ensure Micro-Bio levels are under control. In general, bacteria concentrations in the open loop cooling water system should be less than 100,000 cfu/ml (colony forming units per milliliter) at all times.

Corrosion Monitoring should be performed using a real time on-line monitoring device or corrosion coupons with a 90-day rotation schedule. Coupon test results should show mild steel corrosion rates less than 5.0 mils per year (MPY) and Copper Corrosion Rates less than 2.0 MPY at all times.

Recommended Corrosion and Scale Control Programs

Program 1:

Description: Multifunctional Molybdate Based Corrosion Inhibitor and Dispersant

Function: Corrosion Inhibition, Mineral Scale Inhibition

Components: Molybdate for Mild Steel Corrosion Control

Azole for Copper Corrosion Control

Dispersant for Mineral Scale Inhibition

Form: Liquid

Feed Location: Tower Basin or Header

Control Tests: Molybdate Residual or Test for Tracing Agent if present, Corrosion Monitoring

Program 2:

Description: All Organic Based Multifunctional Corrosion Inhibitor and Dispersant

Function: Corrosion Inhibition, Mineral Scale Inhibition

Components: Phosphonate for Mild Steel Corrosion Control

Azole for Copper Corrosion Control

Dispersant for Mineral Scale Inhibition

Form: Liquid

Feed Location: Tower Basin or Header

Control Tests: Organic Phosphate Test or Test for Tracing Agent if Present, Corrosion Monitoring

Program 3:

Description: Zinc Phosphate Multifunctional Corrosion Inhibitor and Dispersant

Function: Corrosion Inhibition, Mineral Scale Inhibition

Components: Zinc and Phosphate for Mild Steel Corrosion Control

Azole for Copper Corrosion Control

Dispersant for Mineral Scale Inhibition

Form: Liquid

Feed Location: Tower Basin or Header

Control Tests: Ortho-Phosphate or Test for Tracing Agent if present

Program 4:

Description: Stabilized Phosphate Corrosion Inhibitor and Dispersant

Function: Corrosion Inhibition, Mineral Scale Inhibition

Components: Phosphate for Mild Steel Corrosion Control

Azole for Copper Corrosion Control

Dispersant for Mineral Scale Inhibition

Form: Liquid

Feed Location: Tower Basin or Header

Control Tests: Ortho-Phosphate or Test for Tracing Agent if present, Corrosion Monitoring

Bacteria Control Programs

Program 1:

Description: Chlorine Bleach Oxidizing Biocide

Function: Oxidizing Biocide

Components: Sodium Hypochlorite

Form: Liquid

Feed Location: Tower Basin

Control Tests: Free Chlorine Residual, Bacteria Monitoring

Program 2:

Description: Stabilized Chlorine Oxidizing Biocide

Function: Oxidizing Biocide

Components: Stabilized Sodium Hypochlorite

Form: Liquid

Feed Location: Tower Basin

Control Tests: Free Chlorine Residual, Bacteria Monitoring

Program 3:

Description: Activated Bromine Oxidizing Biocide

Function: Oxidizing Biocide

Components: Separate Feed of Sodium Hypochlorite

Separate Feed of Sodium Bromide

Form: Both Liquid

Feed Location: Mix together in feed line to activate Bromine then feed to Tower Basin

Control Tests: Free Chlorine Residual, Bacteria Monitoring

Program 4:

Description: Stabilized Bromine Based Oxidizing Biocide

Function: Oxidizing Biocide

Components: Stabilized Bromine

Form: Liquid

Feed Location: Tower Basin

Control Tests: Free Chlorine Residual, Bacteria Monitoring

Program 5:

Description: Solid Chlorine Bromine Tablets

Function: Oxidizing Biocide

Components: Chlorine and Bromine

Form: Solid Tablet

Feed Location: Fed from pot feeder to Tower basin

Control Tests: Free Chlorine Residual, Bacteria Monitoring

Program 6:

Description: Solid Chlorine Bromine Tablets

Function: Oxidizing Biocide

Components: Chlorine and Bromine

Form: Solid Tablet

Feed Location: Fed from pot feeder to Tower basin

Control Tests: Free Chlorine Residual, Bacteria Monitoring

Program 7:

Description: Isothiazoline

Function: Non-Oxidizing Biocide

Components: Isothiazoline

Form: Liquid

Feed Location: Slug fed to tower basin

Control Tests: Bacteria Monitoring

Program 8:

Description: Glutaraldehyde

Function: Non-Oxidizing Biocide

Components: Glutaraldehyde

Form: Liquid

Feed Location: Slug fed to tower basin

Control Tests: Bacteria Monitoring

Program 9:

Description: DBNPA

Function: Non-Oxidizing Biocide

Components: Dibromonitropropianamide

Form: Liquid

Feed Location: Slug fed to tower basin

Control Tests: Bacteria Monitoring

Program 10:

Description: Quaternary Amine

Function: Non-Oxidizing Biocide

Components: Quaternary Amine

Form: Liquid

Feed Location: Slug fed to tower basin

Control Tests: Bacteria Monitoring

Program 11:

Description: MBT

Function: Non-Oxidizing Biocide

Components: Methylene-bis-thiocyanate

Form: Liquid

Feed Location: Slug fed to tower basin

Control Tests: Bacteria Monitoring

4.2 CLOSED LOOP COOLING AND HOT WATER SYSTEMS

General guidelines for the control of a closed loop cooling or hot water system include the monitoring of the conductivity, pH, corrosion, and micro bio-levels. Water chemistry limits should be set by a water treatment consultant and routinely monitored by maintenance personnel to ensure that mineral scale and corrosion does not occur. Automated make up water controls along with a makeup water meter should be added to the system to maintain a consistent amount of water. The pH of the water should be routinely monitored, especially if an acidic additive is used to control the pH. Corrosion inhibitor residual tests should also be run to verify that the system is receiving the correct dosage. Monthly monitoring of bacteria concentrations to ensure biological organism levels are under control. If biological organism levels are above recommended levels, there could be a point where oxygen is entering the system, i.e. a leak in the system. Corrosion monitoring should be done with iron or copper corrosion coupons with a six month rotation schedule. Coupon test results should show mild steel corrosion rates less than 0.5 mils per year (MPY) and Copper corrosion rates less than 0.2 MPY at all times.

Recommended Corrosion and Scale Inhibition Programs

Program 1:

Description: Multifunctional Molybdate Based Corrosion Inhibitor and Dispersant

Function: Corrosion Inhibition, Mineral Scale Inhibition

Components: Molybdate for Mild Steel Corrosion Control

Azole for Copper Corrosion Control

Dispersant for Mineral Scale Inhibition

Form: Liquid

Feed Location: Slug feed with Pot Feeder

Control Tests: Molybdate Residual or Test for Tracing Agent if present, Corrosion Monitoring

Program 2:

Description: Multifunctional Nitrite Based Corrosion Inhibitor and Dispersant

Function: Corrosion Inhibition, Mineral Scale Inhibition

Components: Nitrite for Mild Steel Corrosion Control

Azole for Copper Corrosion Control

Dispersant for Mineral Scale Inhibition

Form: Liquid

Feed Location: Slug feed with Pot Feeder

Control Tests: Nitrite Residual or Test for Tracing Agent if present, Corrosion Monitoring

4.3 STEAM AND CONDENSATE RECIRCULATION SYSTEMS

The water treatment program for a steam and condensate recirculation system should include monitoring for conductivity. Proper Conductivity limits will vary slightly depending upon the type, age, and size of the steam boiler system. The absolute maximum conductivity level for any steam system is 5,500 µmhos.

The alkalinity concentration in the steam boiler should routinely be monitored my maintenance personnel. There two main types of alkalinity measured in a steam system total (M)-Alkalinity and hydroxide (OH)-alkalinity. The P-alkalinity test is used to measure the portion of M-alkalinity contributed to by Hydroxide (OH)-alkalinity. Barium chloride is added to water samples containing OH-alkalinity then sulphuric acid is added to neutralize the OH, alkalinity is then measured to show the change in alkalinity due to the elimination of OH molecules. P-Alkalinity is used to monitor the condensate return system; to avoid corrosion within the steam boiler OH-alkalinity is measured. Proper chemical dosage for the steam boiler is ensured by running routine chemical residual tests for the oxygen scavenger and internal scale inhibitor.

In addition, it is very important to monitor the chemistry of the steam boilers feed water. Maintenance personnel should test the conductivity of the feed water on a regular basis. If makeup water pretreatment is exists, Maintenance personnel should also test the total hardness level of the feed water.

The remaining tests to be conducted on condensate return for filming Amine residual, or Iron concentration and the condensate pH should be tested to ensure that the system has received the proper chemical dosage. Further tests can be conducted by a water treatment consultant to determine if dosages should be altered to maintain proper steam, makeup and feed water chemistry.

Recommended Oxygen Scavengers

Program 1:

Description: Sulfite

Function: Chemical Oxygen Scavenger

Components: Catalyzed Sodium Sulfite

Form: Liquid or Powder

Feed Location: Deaerator Drop Leg or Storage Section

Control Tests: Residual Sulfite

Program 2:

Description: Volatile Oxygen Scavenger

Function: Chemical Oxygen Scavenger

Components: Various Types Available

Form: Liquid

Feed Location: Deaerator Drop Leg or Storage Section

Control Tests: DEHA Residual

Recommended Scale Control Programs

Program 1:

Description: Precipitating Phosphate

Function: Sludge Conditioner

Components: Phosphate

Form: Liquid

Feed Location: Boiler Steam Drum or Feedwater line

Control Tests: Conductivity, P Alkalinity, M Alkalinity, OH Alkalinity,
Silica, Ortho-Phosphate,
Visual Color Test

Program 2:

Description: Polymer Dispersant

Function: Mineral Dispersant

Components: Polymer

Form: Liquid

Feed Location: Boiler Steam Drum or Feedwater line

Control Tests: Feedwater Hardness, Polymer Residual, Silica,
OH-Alkalinity, Tracing Agent if available

Program 3:

Description: Chelant

Function: Sludge Conditioner

Components: EDTA Chelant

Form: Liquid

Feed Location: Boiler Steam Drum or Feedwater line

Control Tests: Feedwater Hardness, Chelate Residual, Silica,
O-Alkalinity, Tracing Agent if available

Recommended Condensate Corrosion Control

Program 1:

Description: Neutralizing Amine

Function: Raise pH of Condensate

Components: Various Types

Form: Liquid

Feed Location: Steam Header or Boiler Steam Drum

Control Tests: Condensate pH, Condensate Iron

Program 2:

Description: Filming Amine

Function: Provide Protective Barrier for Condensate Piping

Components: Various Types

Form: Liquid

Feed Location: Steam Header or Boiler Steam Drum

Control Tests: Filming Amine Residual, Condensate Iron

Recommended General Corrosion Control (Steam Drum)

Program 1:

Description: Caustic

Function: Increase Alkalinity

Components: Sodium or Potassium Hydroxide

Form: Liquid or Powder

Feed Location: Deaerator storage or Boiler Steam Drum

Control Tests: O-Alkalinity

5.0 WATER SYSTEM TESTING

Routine water chemistry tests play an important role in maintaining building water systems; they can be used to anticipate and prevent water's capacity to accelerate fouling, scaling and corrosion within a mechanical system. Chemical test kits for each building water system are available through most water treatment chemical suppliers or consultants. Section 5.2 lists the most common water tests used and a water treatment consultant can determine if a system requires more rigorous tests.

5.1 WATER SAMPLING

When water samples are taken, they should be isolated from large amounts of mineral buildup, incoming feed water or makeup water and chemical feed points. Samples should be collected during normal operation before system blow down and chemical dosing. When collecting water, allow the samples container to overfill and to avoid sample contamination use sampled water to rinse cap or container. Label the container appropriately and test sample as soon as possible. A licensed water treatment consultant will be able to give advice on chemical testing. However, building maintenance staff should be familiar with specific test procedures that should be provided by the chemical test equipment supplier(s).

5.2 COMMON WATER CHEMISTRY TESTS

Conductivity:

This test is used to estimate the Total Dissolved Solids (TDS) concentration in a water sample. Conductivity is the measures of electrical conductance in the water. In general 1.0 umhos of conductance is equal to 0.67 ppm of total dissolved solids or minerals. High levels of conductivity increase the scaling potential of the system which depends on water temperature, composition of dissolved solids and interaction with other chemical additives, and the system's metallurgy.

Cycles of concentration for a water system is measured as the ratio of mineral content (TDS) of system water divided by the mineral content (TDS) of make-up water. High cycles of concentration are an indicator of increased scaling potential. Maintaining high cycles can be done with proper chemical water treatment. Cycles of concentration are mainly monitored in open loop cooling systems and general range from 2 to 14 times the mineral content of the makeup water. The cycles of concentration of a system are completely dependent upon the TDS of the makeup water and the optimum point where corrosion and scale build-up are minimized. A water treatment consultant should specify the optimal cycles for the water system.

pH:

In general, low pH water is corrosive and has a high acidity, a meter reading lower than 7.0. High pH water is prone to scaling and is considered to be alkaline and is specified by a meter reading greater than 7.0 and less than 14. Tests for pH, acidity or alkalinity, are used to monitor chemical treatment product dosages and are used for general troubleshooting of a water system.

Nitrite:

The concentration of Nitrite in a closed loop cooling or hot water system's water sample is measured to monitor the corrosion inhibitor program. Nitrite is used to passivate metal surface and remove dissolved oxygen resulting in a non-corrosive water system. A water treatment consultant will set the minimum levels of nitrate that need to be maintained.

Sulfite:

This test is a residual oxygen scavenger test used to determine the concentration of sulfite available in a closed loop hot water system. If used as the oxygen scavenger, Sulphite must be maintained at levels

between 30-50 mg/L (ppm). When Sulphite levels are not maintained corrosion will occur. Over charging a system with Sulphite will increase the conductivity of the water, corrosively and may cause the growth of sulphate reducing bacteria.

Silica:

Silica testing measures the concentration of Dissolved Silica in a water sample, typically for steam boiler systems. If silica levels are too high and pH is low scaling will occur. Silica can form extremely hard and dense scale on heat transfer surfaces increasing the risk of mechanical failure. Common water test sample points for silica include the boiler drum and the saturated steam.

Corrosion Coupons:

Corrosion coupons are small, slender circular or rectangular pieces of metal (Iron or copper) used to monitor the actual corrosion level in a water system. Typically corrosion coupons are monitored on a 90-day rotation schedule. The original dimensions, thickness, of the coupon are known. When the coupon is removed from the water loop the change in dimensions are noted as the corrosion rate. If the corrosion inhibitor program is effective the coupon's corrosion rate are below the recommended levels, as specified in Section 5.3.

Bacteria Dip Slide:

This test measures the concentration of bacteria in an open or closed loop cooling water system water sample. A media called "Agar" is wetted with the cooling water then is placed into a tube were Bacteria, yeasts, and fungi are grown. This test is used to confirm that biocide program in an open or closed cooling water system is effective.

Dissolved Iron:

Iron testing is used to monitor corrosion products in a water system. Iron testing is used to either verify that the treatment program is working or to troubleshoot a problem. Dissolved Iron levels should be less than 30 ppm. Increased corrosion problems, leaks, poor heat transfer efficiency, as well as bacteria problems can occur when the dissolved Iron level is high.

Molybdate:

A Molybdate test measures the concentration of Sodium Molybdate in both closed and open loop cooling water systems. A water treatment consultant will state the minimum levels of Molybdate that is needed to maintain the systems' corrosion inhibitor program.

Organic Phosphate:

This test measures the concentration of organic Phosphate in an open loop cooling water system. This test is needed only if an organic phosphate is used as a corrosion inhibitor. A water treatment consultant will set the minimum levels of organic phosphate that need to be maintained to prevent corrosion.

Ortho-Phosphate:

This test measures the concentration of inorganic Phosphate in a water sample. Ortho-Phosphate is a commonly used in closed loop cooling water and hot water systems as an Iron (ferrous) and non-ferrous alloy corrosion inhibitor. If phosphate is used a minimum concentration of 200 – 300 mg/L (ppm) is required.

Free Chlorine:

A free chlorine test measures the concentration of active oxidizing biocide in an open loop cooling water system. Free Chlorine tests are used to monitor both Chlorine and Bromine and are more accurately described as free halogen tests. These tests are commonly used to monitor the dosage of oxidizing biocide in an open re-circulating cooling water system. Since excessive chlorine concentrations are corrosive, a free chlorine residual of 0.2 to 0.8 ppm is maintained.

5.3 MAINTENANCE PARAMETERS

The following charts list the minimum monitoring requirements for each open loop or closed loop water system. The frequency of the water testing can be increased to better maintain the performance in open loop cooling water, steam boiler, or closed loop system. The chemical test ranges and frequencies given are general and should be clearly defined by a certified water treatment consultant. A water treatment program can be controlled to an optimum level if the system is checked on a daily basis and automated monitoring equipment, such as conductivity and pH meters, are installed.

The operating ranges are **mandatory performance standards**. The maintenance Contractor must maintain water within these tolerances, unless GSA gives a written waiver for specific reasons. GSA may require more rigorous standards where circumstances dictate. The testing frequencies establish **minimum mandatory frequencies**. Contractors may test more frequently. Sporadic short-term deviations from operating ranges may not, depending on the terms and conditions of specific Contracts, result in a determination of unsatisfactory Contract performance where the Contractor takes prompt action to correct the condition.

OPEN LOOP COOLING WATER SYSTEMS

CHEMISTRY TESTS	FREQUENCY OF TEST	OPERATING RANGES
Tower Water Conductivity	Auto Blow down: Weekly, Monthly Manual Blow down: Daily	160-2400 mmHOS (110-1600 ppm)
Makeup Water Conductivity (Hardness)	Auto Blow down: Weekly, Monthly	40-600 mmHOS (30-400 ppm)
pH Test	Daily, Weekly	7.5 to 9.5
Corrosion Monitoring (Coupon Test)	Quarterly (3 months)	Iron: 2 to 5 mils/ year Copper: 0.2 to 0.5 mils/ yr
Bacteria Testing	Monthly	Max: 103 cfu/ml (colony forming units/ ml)
Chlorides	Weekly, Monthly	Max: 250 ppm as Cl Max: 410 ppm as NaCL
Sulfites	Weekly, Monthly	50-100 ppm SO3 80-160 ppm Na2SO3
Corrosion Inhibitor Residual	Auto Chem. Feed: Weekly, Monthly	Defined by Consultant
Oxidizing Biocide Residual	Auto Chem. Feed: Weekly, Monthly	Defined by Consultant

CLOSED LOOP COOLING WATER SYSTEMS

CHEMISTRY TESTS	FREQUENCY OF TEST	OPTIMUM OPERATING RANGES
pH	Monthly	7.5-9.5
Total Dissolved Solids (TDS) or Conductivity	Quarterly (3 months)	Maximum: 2000 ppm or (2500µS/cm)
Polyphosphates (PO4)	Monthly	10- 20 ppm
Sulfites	Monthly	50-100 ppm SO3 80-160 ppm Na2SO3
Bacteria Testing	Monthly	Max: 103 cfu/ml (colony forming units/ ml)
Corrosion Monitoring (Coupon Test)	Bi-Annually (6 months)	Iron: max. 0.5 mils/ year Copper: max. 0.2 mils/ yr
Corrosion Inhibitor Residual	Monthly	Defined By Consultant

STEAM SYSTEMS WITH RE-CIRCULATING WATER

CHEMISTRY TESTS	FREQUENCY OF TEST	OPTIMUM OPERATING RANGES
Total Hardness Concentration	Daily or 3 times/week	Less Than 2 ppm CaCO3
Feed water pH	Daily or 3 times/week	10.5-11.5
Feed Water Conductivity or TDS	Daily or 3 times/week	1500 - 3000 ppm (2000 – 4000 µS/cm)
Condensate Return pH	Daily or 3 times/week	8.5-9.5 pH
Condensate Return Conductivity or TDS	Daily or 3 times/week	40 ppm (50 µS/cm)
Makeup Water Conductivity	Weekly	40-600 mmHOS (30-400 ppm)
Hydroxide Alkalinity	Daily or 3 times/week	150-300 ppm CaCO3
Total Alkalinity	Auto Chem Feed: Daily, Weekly	<700 ppm CaCO3

Sulphite	Daily or 3 times/week	30-60 ppm SO3 50 ppm Na2SO3
Steam Drum Scale Inhibitor Residual	Auto Chem Feed: Daily, Weekly	Defined By Consultant
Steam Drum Oxygen Scavenger Residual	Auto Chem Feed: Daily, Weekly	Defined By Consultant

6.0 ALTERNATIVES TO CHEMICAL WATER TREATMENT

There are many alternative non-chemical methods to treating closed and open loop cooling and hot water systems. Not all alternatives on the market have been proven to be effective so carefully consider products that promise too much. The products listed below have been used in many systems and have been an effective means of non-chemical water treatment. There are numerous practical studies that can be referenced, when making a decision for or against either of these non-chemical water treatments.

6.1 PULSED ELECTROMAGNETIC FIELDS

This chemical free water treatment system uses a pulsed electromagnetic field to treat water. The common application of this technology is on open loop water processes subject to scale, corrosion, bio-fouling or bacterial contamination. Typical applications include open process water loops, cooling towers and fountains. The technology originated in the food and beverage industry as an FDA approved means for water sterilization.

The principal of operation is to generate a pulsating magnetic field around a Section of pipe in the water process system. Each generated electromagnetic wave varies in amplitude and frequency and as the wave decays harmonics are created that can be measured in the megahertz range. It is this harmonic wave that is used to treat the water.

The harmonic wave alters the minerals; i.e. Calcium Carbonates, electrical charge causing the minerals to clump together into finally divide particles; colloidal nucleation. The minerals concentrate due to evaporation and attract each other thus clumping together into fine particles. The minerals then precipitate out of solution as a non-adhesive powder in the cooling tower basin rather than on the inside of the piping and heat transfer surfaces as scale. The powder is then carried off in the water discharged from the cooling tower during blow-down.

This pulsed electromagnetic field technology also has an effect on biological organisms, such as bacteria. The effect is described by two processes known as electroporation and encapsulation. Electroporation is the electromagnetic pulse causes damage to the cell membrane of biological organisms by repeatedly exposing it to an electromagnetic field. This inhibits the reproductive ability of the bacteria thus exhausting their ability to multiply. Encapsulation is the process of calcium carbonate precipitates surrounding and encapsulating the biological organisms in the condenser water. This prevents bio-fouling and bacteria from accumulating in open water loops. Eliminating the need for oxidizing biocides; which are corrosive substances such as bleach, chlorine and bromine, directly reduces the predominance for corrosion within cooling towers.

The cycles of concentration of the process loop are increased, therefore the environment becomes more alkaline which reduces the rate of corrosion. Increased cycles of concentration equal a reduction in system blow downs which saves water and water costs. Monitoring of pH and conductivity should still be conducted

on a daily or weekly basis. The installation of this system requires the installation of a conductivity sensor to monitor water basin conductivity and automatic blow down controls. Cooling tower systems using this non-chemical water treatment system typically average less than 2 mils per year, which is an industry standard. Below 2 is considered very good with, 2 to 5 being acceptable. Corrosion coupon test should be conducted on a quarterly basis.

6.2 OZONE GENERATORS

Ozone generators have been used for portable drinking water sterilization for over two decades, to kill bacteria and other bio growth in water. This method of water sterilization is used to replace the use chlorination as a water purification method. The applications of Ozone generation for water treatment have expanded to open loop cooling water systems. They are usually installed at the cooling tower of the open loop water. Cooling tower manufacturers and water treatment companies offer Ozone generators as a replacement for chemical treatment. Monitoring of pH, conductivity and bacteria testing should still be conducted on a daily or weekly basis and monthly. The installation of this system requires the installation of a conductivity sensor to monitor water basin conductivity and automatic blow down controls.

The untreated water enters the Ozone generation system and treated water is introduced back into the open loop system at the cooling tower. Ozone generator units produce Ozone by one of three possible methods; sending dried oxygen enriched air through an electrode, ultraviolet irradiator, or cold plasma. The most common method used for cooling water applications is the electrode method. The size of the generation unit is based on the size of the cooling water system and will be specified by the manufacturer. In addition, Ozone generation units require a system to clean and remove the humidity from the air. The air dryer and de-humidifier system require routine maintenance and should be conducted by the manufacturer or qualified maintenance personnel, while the unit is off.

Ozone is a strong oxidizer since it is an unstable three atom (tri-automic) oxygen molecule. Oxygen molecules are naturally diatomic (two atom) molecules at atmospheric pressure and are necessary for life. Ozone will naturally discard its additional oxygen molecule to form a stable diatomic oxygen molecule. Leaving a highly reactive oxygen atom, this atom will destroy bacteria, biological organisms and it eliminates phenols (odor causing organic compound) through oxidation. An Ozone generator should not be installed in any occupied space because it is considered a toxic gas, according to the U.S. Environmental Protection Agency (EPA) and Food & Drug Administration (FDA). It is regulated because the same chemical properties that allow ozone to react with organic compounds outside the body give it the same ability to react similarly with organic compounds that makeup the body.

EXHIBIT 16 ENERGY & WATER OPERATIONAL PERFORMANCE TARGETS

This document presents the Energy and Water Operational Performance Targets for **John J. Moakley Courthouse, 1 Courthouse Way, Boston, MA 02210-3002**

The Energy Independence and Security Act of 2007 (Public Law 110-140) requires Federal agencies to improve energy efficiency by 30% by end of FY 2015 as compared to the 2003 baseline (while targeting an annual reduction in energy use of roughly 3%). Executive Order 13514, Federal Leadership in Environmental, Energy, and Economic Performance mandates Federal agencies reduce potable water use intensity relative to their 2007 baseline by 26% total reduction by FY2020 (while targeting an annual reduction in water use of roughly 2% annually).

To comply with these mandates GSA has initiated internal Regional Targets on an annual basis so that the overall agency effort is successful. Each year a new internal Regional Target is established by the Energy Center of Expertise and each region is responsible for meeting that target. Within each region, it is up to the Regional Energy Coordinator, in collaboration with the Property Manager and the O&M Contractor, to establish performance targets for each facility to ensure that the Regional Targets are met. To meet the regional objective, separate but reasonable and achievable reduction targets will be set for each building taking into account many parameters and circumstances such as historical energy and water usage, climate, age, performance, capital projects, and other mutually agreeable factors. Further, the energy and water performance targets established below are to be revisited and revised as appropriate for each contract extension period, or as other major events may warrant. Major equipment failures, building damage, tenant mission changes requiring significantly more overtime utilities, prolonged severe weather, and faulty energy or water use data are examples of events that can justify a revision to building-specific performance targets during the contract period. In these cases, the Regional Energy Coordinator should be consulted regarding possible target revision. Input from the Contractor should also be obtained, but the adjustments to the targets should be done with the concurrence of the Regional Energy Coordinator.

These energy and water performance targets are to be accomplished simultaneously to GSA's overall quality workplace/tenant satisfaction goals.

Energy Performance Targets

The energy performance target for this building, which is the sum of all building energy uses (electricity, natural gas, purchased steam/high temperature hot water, purchased chilled water, fuel oil, and any other purchased or site-generated energy) used in the 12-month contract period, has been established to support regional objectives in meeting Federal mandates. The energy usage index (EUI) measured in Btu/GSF (British thermal units/gross square foot) is the standard unit of measurement for tracking energy consumption. The GSA Regional Energy Coordinator has been consulted to determine the most practical and achievable energy performance target for this building.

The annual energy performance target for the building identified above is **75,669** Btu/GSF as measured by the as measured by the EUAS. Historical building energy use intensity data for the most recent 3 years are included in Appendix A (Building Energy Use History). This historical data is intended to provide a relative measure of the building's current energy usage and overall annual usage trends.

Contractor energy efficiency performance will be monitored through the monthly progress reports (see section C.1.13, Monthly Progress Reports), monthly tracking against the Contractor-developed Building Energy and Water Efficiency Use Plan (see section C.6.1.6, Energy and Water Efficiency), and evaluated over the full 12-month contract term to determine success in meeting the building energy performance target. GSA recognizes that there are factors/events that will impact the overall measured building energy performance, that many of these factors/events are outside the Contractor's control, and that there may be resulting impacts, both negative and positive. These factors/events will be considered by GSA in evaluating the Contractor's energy efficiency performance. It is the Contractor's responsibility to provide timely data analysis, and summaries of findings and recommendations to GSA for issues that impact the building's energy performance.

WATER PERFORMANCE TARGETS

The annual water performance target for this building has been established to support regional objectives in meeting Federal mandates for potable water use. The water usage index measured in gal/GSF (gallons/gross square foot) is the standard unit of measurement for tracking water consumption. (Note that the gross square footage used for both the energy and water usage indexes are the same.) The GSA Regional Energy Coordinator has evaluated the water usage data to determine the most practical and achievable target to meet the annual regional targets.

The annual water performance target for the building identified above is ***19*** gal/GSF as measured by the EUAS. Historical building water use intensity data for the most recent 3 years are included in Appendix B (Building Water Use History). This historical data is intended to provide a relative measure of the building's current water usage and overall annual usage trends.

Contractor water efficiency performance will be monitored through the monthly progress reports (see section C.6.7, Monthly Progress Reports), monthly tracking against the Contractor-developed Building Energy and Water Efficiency Plan (see section C.6.1.6, Energy and Water Efficiency), and evaluated over the full 12-month contract term to determine success in meeting the building water performance target. GSA recognizes that there are factors/events that will impact the overall measured building water performance, that many of these factors/events are outside the Contractor's control, and that there may be resulting impacts, both negative and positive. These factors/events will be considered by GSA in evaluating the Contractor's energy efficiency performance. It is the Contractor's responsibility to provide timely water usage data, data analysis, and summaries of findings and recommendations to GSA for issues that impact the building's water performance.

Appendix A – BUILDING ENERGY USE HISTORY

Table A-1. Building Energy Use Intensity History

REPORTING PERIOD

Fiscal Year	*2015*	*2016*	*2017*
Total Building Energy Use Intensity (BTU/GSF)	*82,636*	*77,944*	*73,447*

Appendix B – BUILDING WATER USE HISTORY

Table B-1. Building Water Use Intensity History

REPORTING PERIOD

Fiscal Year	*2014*	*2016*	*2017*
Building Water Use Intensity (GAL/GSF)	*11*	*24*	*23*

EXHIBIT 17 ENERGY & WATER EFFICIENCY USE PLAN

Background The Energy Independence and Security Act of 2007 (Public Law 110-140) requires Federal agencies to improve energy efficiency by 30% by end of FY 2015 as compared to the 2003 baseline (while targeting an annual reduction in energy use of roughly 3%). Executive Order 13514, Federal Leadership in Environmental, Energy, and Economic Performance mandates Federal agencies reduce potable water use intensity relative to their 2007 baseline by 26% total reduction by FY2020 (while targeting an annual reduction in water use of roughly 2% annually).

The report on energy and water efficiency use plan will be completed per the requirements of Section C.6.1.6, Energy & Water Efficiency, of the O&M services Contract. The Contractor will complete and submit to the Property Manager the reporting template at the beginning of the contract using information from the Annual Energy and Water Efficiency Report as available see Exhibit 16). The Property Manager will review the Contractor's annual report and meet with the Contractor to review proposed actions for the upcoming year and prioritize actions for the next Contract year that will further advance energy and water

efficiency in the building. GSA recognizes that there are factors/events that will impact the overall measured building energy performance, that many of these factors/events are outside the Contractor's control, and that there may be resulting impacts, both negative and positive. These factors/events will be considered by GSA in evaluating the Contractor's energy efficiency performance plan.

DATA SOURCES: Contractor shall make use of the previous contract years' energy and water efficiency monthly and annual reports and the Energy & Water Operational Performance Targets for the development of the use plan.

PURPOSE: The purpose of this document is to clearly identify yearly building-specific energy and water reduction measures recommended by the contractor. These recommendations will establish a plan of action for the contract year and be sanctioned by GSA in consultation with the Regional Energy Coordinator. This plan will identify how the energy and water reduction measure will be pursued each month which will be monitored through the monthly progress reporting requirements of sections, C.6.1.6 and C.6.7.

Minimum Reporting Elements Minimum reporting elements are provided below:

1. Summary of annual use by resource –target 12 month use and comparison against previous 12 month period.
   a. Significant energy and water efficiency actions/measures completed in the last year that should be considered for the new contract year.
2. Additional recommendations for improvement in the next Contract year – with consideration to the following
   a. Changes to operations practices such as
      i. Equipment and/or building scheduling
      ii. Set points
      iii. Trend report assessments
   b. Plant or equipment changes for
      i. Low-cost/site funded measures
      ii. Project funding
   c. Contractor/Property Manager coordination and communication
3. Identify support actions needed from GSA to assist in the energy and water efficiency efforts.

Attachment 1 – ENERGY AND WATER EFFICIENCY USE PLAN TEMPLATE

CONTRACT INFORMATION – to be completed by Contractor in fields provided

Contract number:

Building number, name and address:

Building annual energy performance targ Btu/GSF

Building annual water performance targe Gal/GSF

Dates covered in this report

Report submitted by (name of Contractor, name of individual responsible for follow-up actions):

Date submitted:

CONTRACTOR REPORTING ELEMENTS – to be completed by Contractor in fields provided

1. Use by resource – For each purchased utility resource, provide the use for the most recent EUAS reporting period for each utility, and the corresponding reporting period from the previous year in the table below.

Resource (please note units)	**Billing Period** (enter dates for the most recent EUAS billing for the corresponding utility)	**Yearly Use Previous Contract Year**	**Target Use Current Contract Year**
Electricity (kWh)			
Water (kgal)			
Steam (mmBtu)			
Natural gas (CCF)			
Total Energy (KBtu)			

4. Significant energy and water efficiency actions/measures completed in the last year that should be considered for the current year.

b. Identify previous overtime utility requests and verify current year

c. request

5. Additional recommendations for improvement in the next Contract year – with consideration to the following

a. Changes to operations practices such as

i. Equipment and/or buildings scheduling

ii. Set points

iii. Trend report assessments

b. Plant or equipment changes for

i. Low-cost/site funded measures

ii. Project funding

c. Contractor/Property Manager coordination and communication

6. Identify support actions needed from GSA to assist in the energy and water efficiency efforts.

GSA REVIEW AND RESPONSE ELEMENTS – to be completed by property manager in the fields provided

GSA1. GSA reviewing official:

GSA2. Date reviewed by GSA:

GSA3. Comments to Contractor:

EXHIBIT 18 ENERGY AND WATER EFFICIENCY MONTHLY REPORT

Background

This energy and water efficiency report is to be completed per the requirements of section C.6.1.6, Energy & Water Efficiency, of the O&M services contract. The Contractor shall use this report template and submit completed reports as part of the monthly report to the Property Manager.

The primary objectives of this report are twofold. First, to encourage the Contractor to regularly review and manage their efficiency efforts towards achieving the performance targets established in Energy & Water Operational Performance Targets, and to optimize building performance. Second, to provide information that generates regular discussion with the Property Manager on the energy and water efficiency efforts. Together these objectives will help the Contractor and Property Manager work in a collaborative manner to improve the operational efficiency of the building by addressing current and emerging issues, and developing mid- and long-term plans that will optimize building and Contractor performance. Examples of potential collaborative outcomes include identification of roles and actions for GSA to engage tenants in, such as reducing overtime utility requests, reduction of off-hour plug loads, or even purchase and installation of equipment sized to efficiently meet the off-hour loads; identification of operational changes that can reduce energy and water use while still meeting tenant requirements such as temperature set points and equipment on/off schedules; and identification of potential prospectus-level projects. These types of actions will ultimately benefit the Contractor performance by meeting or exceeding energy and water use targets. GSA will benefit by reducing utility costs, achieving agency energy and water efficiency goals, and overall improvement in building performance including system reliability and occupant comfort. Building tenants will benefit from improved building comfort, systems reliability, and reduction in the overall cost to lease space.

Note that information provided in the report will be used to support the annual building energy and water efficiency report.

This document includes the following three attachments:

1. Attachment 1 – Energy and Water Efficiency Reporting Template. The Contractor shall use this template to complete the energy and water efficiency report sections for “Contract Information” and “Contractor Reporting Elements.” The GSA Property Manager shall complete the section “GSA Review and Response Elements.”

2. Attachment 2 – Clarification for Completing Energy and Water Efficiency Report. This attachment provides additional detail on the types of information to be included in the individual reporting elements found in the template.

3. Attachment 3 – Example Energy and Water Efficiency Report. This attachment is included to show users’ what a completed report can look like.

Instruction

The Contractor shall complete the required fields in this report (see Attachment 1, Energy and Water Efficiency Reporting Template) and forward the completed report to the Property Manager by the 5th working day of the subsequent month. The Property Manager shall review the submitted report; meet with the Contractor to discuss identified issues, findings, and recommendations; complete the report fields in the section "GSA Response;" and provide a copy of the GSA response to the Contractor. Attachment 2, Clarification for Completing Energy and Water Efficiency Report, provides the additional detail and clarifications to assist in completing the report template.

Contract Information – to be completed by Contractor in the fields provided

Contract number: Field for Contractor provided in template

Building number, name and address: Field for Contractor provided in template

Building annual energy performance target: Field for Contractor provided in template

Building annual water performance target: Field for Contractor provided in template

Dates covered in this report: Field for Contractor provided in template

Report submitted by (name of contractor, name of individual responsible for follow-up actions): Field for Contractor provided in template

Date submitted: Field for Contractor provided in template

Contractor Reporting Elements – to be completed by Contractor in the fields provided.

1. Monthly resource use – For each purchased utility resource, provide the use for the most recent EUAS reporting period for each utility, and the corresponding reporting period from the previous year in the table below. Field for Contractor below.

Resource (please note units)[a]	**Billing Period** (enter dates for the most recent EUAS billing for the corresponding utility)	**Monthly Use - Current Year**	**Monthly Use - Previous Year**
Electricity (kWh)[b]			
Electric demand (kW)			
Water (gal)[c]			
Steam (mmBtu)[d]			
Natural gas (CCF)[e]			

Notes:
Units listed in this table are standard units. Should different units be reported, the Contractor shall clearly label the units being used. The same units shall be used for both the current and previous year values reported.
Electricity shall be reported in kWh, the standard units of electric energy. The standard conversion for kWh to Btu is 3,413 Btu per 1 kWh.
[c] Water is typically billed in thousands of gallons (kgal). However, water should be reported in gallons (gal) on this form.
[d] Steam usage is typically reported in millions of Btus (mmBtu). Other units must be approved by the Property Manager.
[e] Natural gas can be metered/reported in hundreds of cubic feet (CCF). The standard conversion for CCF to Btu is 1,028 Btu per CCF.

2. Verification of building operations practices per the building operating plan – for each element below, verify if the operations practices are being followed, and list the date(s) these practices were verified.

a. Operating schedule for HVAC systems – address all systems that apply: Field for Contractor provided in template
b. Operating schedule for interior lighting systems – address all systems that apply: Field for Contractor provided in template
c. Operating schedule for exterior lighting systems: Field for Contractor provided in template
d. Summarize overtime utility requests and verify control settings were returned to original/desired setting: Field for Contractor provided in template
e. Summarize building space temperatures at locations and times established by the Building Manager: Field for Contractor provided in template

3. Analysis or completion of physical changes to plant and/or equipment resulting in reduced energy and/or water use. Field for Contractor provided in template

4. Operations changes resulting in reduced or increased energy and/or water use. Field for Contractor provided in template

5. Identify issues and their potential impact on the building's energy and/or water performance. Field for Contractor provided in template

6. Overall energy and water use performance trend assessment. Field for Contractor provided in template

7. Planned energy and water efficiency actions for the next reporting period. Field for Contractor provided in template

8. Identify support actions needed from GSA to assist in the energy and water efficiency efforts. Field for Contractor provided in template

GSA Review And Response Elements – to be completed by Property Manager in the fields provided

GSA1. GSA reviewing official: Field for Property Manager provided in template

GSA2. Date reviewed by GSA: Field for Property Manager provided in template

GSA3. Comments to Contractor: Field for GSA provided in template

Attachment 1 – ENERGY AND WATER EFFICIENCY REPORTING TEMPLATE

Contract Information – to be completed by Contractor in fields provided

Contract number:

Building number, name and address:

Building annual energy performance target: Btu/GSF

Building annual water performance target: Gal/GSF

Dates covered in this report:

Report submitted by (name of contractor, name of individual responsible for follow-up actions):

Date submitted:

Contractor Reporting Elements – to be completed by Contractor in fields provided.

1. Monthly resource use – For each purchased utility resource, provide the use for the most recent EUAS reporting period for each utility, and the corresponding reporting period from the previous year in the table below.

Resource (please note units)[a]	**Billing Period** (enter dates for the most recent EUAS billing for the corresponding utility)	**Monthly Use - Current Year**	**Monthly Use - Previous Year**
Electricity (kWh)[b]			
Electric demand (kW)			
Water (gal)[c]			
Steam (mmBtu)[d]			
Natural gas (CCF)[e]			

Notes:
Units listed in this table are standard units. Should different units be reported, the Contractor shall clearly label the units being used. The same units shall be used for both the current and previous year values reported.
Electricity shall be reported in kWh, the standard units of electric energy. The standard conversion for kWh to Btu is 3,413 Btu per 1 kWh.
[c] Water is typically billed in thousands of gallons (kgal). However, water should be reported in gallons (gal)

on this form.
[d] Steam usage is typically reported in millions of Btus (mmBtu). Other units must be approved by the Property Manager.
[e] Natural gas can be metered/reported in hundreds of cubic feet (CCF). The standard conversion for CCF to Btu is 1,028 Btu per CCF.

2. Verification of building operations practices per the building operating plan – for each element below, verify if the operations practices are being followed, and list the date(s) these practices were verified.

a. Operating schedule for HVAC systems
Completed: Yes ☐ No ☐ Date ☐

b. Operating schedule for interior lighting systems
Completed: Yes ☐ No ☐ Date ☐

c. Operating schedule for exterior lighting systems
Completed: Yes ☐ No ☐ Date ☐

d. Summarize overtime utility requests and verify control settings were returned to original/desired setting.

Summary:

Timely controls settings return completed: Yes ☐ No ☐

e. Summarize building space temperatures at locations and times established by the Property Manager.

Summary:

3. Analysis or completion of physical changes to plant and/or equipment resulting in reduced energy and/or water use.

Summary:

4. Operations changes resulting in reduced or increased energy and/or water use. .

   Summary:

5. Identify issues and their potential impact on the building's energy and/or water performance.

   Summary:

6. Overall energy and water use performance trend assessment.

   Summary:

7. Planned energy and water efficiency actions for the next reporting period.

   Summary:

8. Identify support actions needed from GSA to assist in the energy and water efficiency efforts.

   Summary:

GSA Review And Response Elements – to be completed by Property Manager in the fields provided

GSA1. GSA Reviewing Official:

GSA2. Date reviewed by GSA:

GSA3. Comments to Contractor:

Summary:

Attachment 2 – CLARIFICATION FOR COMPLETING MONTHLY ENERGY AND WATER EFFICIENCY REPORT

This attachment provides clarification on the types of information requested in the Monthly Energy and Water Efficiency Report. Entries in this clarification correspond to the numbered elements in the report template.

CONTRACTOR REPORTING ELEMENTS

1. Monthly resource use (i.e., electricity, natural gas, etc.) – complete the table in the reporting template by providing the most recent monthly usage information available from the EUAS. Note that in cases where the building is connected to the GSA ION EES, the Property Manager and Contractor may agree to use this data instead. (The advantage of the EES data is that the data is available in real-time while the EUAS data are at least 1 month old before they are available.) Contractors must make sure that the use data is entered in the correct units and that these units are either the default units used in the template or they are clearly called out in the table.
2. Verification of building operations practices per the building operating plan – for each element below, verify if the operations practices are followed, and list the date(s) these practices were verified.
   a. Operating schedule for HVAC systems – address all systems that apply. This reporting element intends to address the major HVAC systems. Consult with the Property Manager if clarification is needed to identify the major HVAC systems. Provide verification that each of the identified major HVAC systems is operated in accordance with the building operating plan. Identify exceptions and their causes.
   b. Operating schedule for interior lighting systems – address all systems that apply. This reporting element intends to address the major interior lighting systems. Consult with the Property Manager if clarification is needed to identify the major indoor lighting systems. Provide verification that each of the identified major lighting systems are operated in accordance with the building operating plan. Identify exceptions and their causes.
   c. Operating schedule for exterior lighting systems. Provide verification that each of the exterior lighting systems is operated in accordance with the building operating plan. Identify exceptions and their causes.
   d. Summarize overtime utility requests and verify control settings were returned to original/desired settings. This reporting element intends to verify that the building energy using systems used to accommodate overtime requests are returned to their original settings at the expiration of the overtime utility request. All requests for overtime utilities should be included in this summary; each summary entry should include the date the control settings were returned to their original/desired settings. “Long-term” overtime requests should be identified in the reporting under element 5 below.
   e. Summarize average building/space temperatures in the following locations – the Property Manager shall provide to the Contractor a list of locations for temperature monitoring along with instructions for frequency of monitoring. Because temperature monitoring can be helpful in identifying HVAC systems that are not shutting-down or starting-up as appropriate for the building operating schedule, temperature monitoring is encouraged during occupied and unoccupied hours. Note also that space temperatures are also used to evaluate overall HVAC system operations and correct temperature set points.

3. Analysis or completion of physical changes to plant or equipment resulting in reduced energy and/or water use. Examples for inclusion are listed below.
   a. Assess/verify need for equipment replacement – section C.6.16 (Equipment Condition Assessment) of the O&M services contract states "the Contractor shall complete and submit to the CO or designee an itemized equipment condition assessment with their recommendation for equipment or system upgrades or replacements (that have reached the end of their life-cycle) …" Energy and water efficiency opportunities identified in the condition system assessment should also be listed in this report.
   b. Use of Energy Star® and FEMP covered products
   c. Size replacement products and/or identification of different technology approaches to accomplish the same objective
4. Operational change resulting in reduced or increased energy and/or water use. Examples are listed below. Note cases where changes were made at the request of the building occupants/tenants (please identify if possible).
   a. Revise equipment control procedures
   b. Reduce equipment runtime
   c. Optimize chilled water supply temperature and differential temperature reset
   d. Optimize static pressure set point
   e. Delamp overlit areas such as corridors and offices
5. Identify issues and their potential impact on the building's energy and/or water performance. Examples include
   a. Increase/decrease in overtime utility requests – because overtime utility use represents a significant additional operational cost, GSA would like to better understand what the building and tenant needs are, and identify potential options to reduce these cost impacts. For example, in some cases the installation of a local/small packaged air conditioning unit to satisfy overtime tenant needs can be considered as an alternative to operating the central plant chiller at a very low load. The Contractor is encouraged to look at and propose potential solutions to the Property Manager. Also, monitoring overtime utility requests can serve as a reminder to operating staff to verify that system overrides put in place to accommodate the overtime request need to be returned to their correct normal setting immediately after the request has been fulfilled.
   b. Extreme weather – very hot, very cold, weather closures, or unseasonably mild
   c. Major equipment/systems failures
   d. Tenant move-out (decreased occupancy) or move-in (increased occupancy)
   e. New building loads from tenants – data centers added/increased, high intensity equipment, etc.
6. Overall performance trend assessment. Review the events/actions throughout the reporting period and provide an assessment of the overall energy and water performance. This assessment should make use of the EUAS and ION EEM data as available and appropriate.
7. Planned and/or proposed energy and water efficiency actions for the next reporting period. Identify planned actions, such as those listed as examples above that are anticipated to take place during the next reporting period and, as available, provide supporting information on the potential impacts. Note that agreement/approval from the Property Manager should be obtained prior to proceeding with changes.
8. Identify actions required from GSA to assist in the energy and water efficiency efforts. Examples of such actions may include reviewing and/or responding to Contractor submitted requests for action or

information such as equipment information, occupant needs, or energy or water use information for previous reporting periods.

GSA REVIEW AND RESPONSE ELEMENTS

GSA1. GSA Reviewing Official

GSA2. Date reviewed by GSA

GSA3. Comments to Contractor. The Property Manager is to review each monthly report to identify areas of progress, concerns, and need (e.g. specific information or support requests from the Contractor). This review should also address the planned and/or proposed actions submitted by the Contractor, as well as the listed actions required from GSA (see Contractor Reporting Elements 7 and 8 above). The Property Manager should meet with the Contractor each month to discuss these areas of progress, concern, and need. Before meeting with the Contractor, the Property Manager may seek additional technical support within GSA regarding issues of concern, and include these experts in the dialogue with the Contractor if thought to be beneficial. Please remember the objective of these monthly report reviews and meetings is to promote an ongoing dialogue between the Contractor and GSA to enable proactive problem solving and avoid end-of-the-year problems in assessing the Contractor's performance.

It is recommended that the Property Manager share this information with the Regional Energy Coordinator in a joint effort to collaborate on strategic planning. It is also recommended that the GSA reviewing official include in the monthly report review a summary of the rolling 12-month building performance data as generated by the EUAS (see sample below). Trends of concern against this rolling performance should be called to the attention of the Contractor.

Sample Rolling 12 month report below

Sample Data Report - Energy

Building Summary for building categories : ALL

Optional Building Designation(s) :

Energy Usage is shown in Actual units - Show All Report Details

Conversion Detail = Site Use

Date : 12/11/2012 Report for the period of Floating 12 Months, Fiscal Year : 2012 Month : June

Time : 7:50:21 AM

Region :	06	Building Category : A	Building : MO0050ZZ
Building Name:	WHITTAKER COURTHOUSE	City :	KANSAS CITY
Field Office :	5101-KANSAS CITY NORTH PMC	State :	Missouri
Service Center :	1	GSF :	753,511

		Electricity (KWH)	Demand (KW)	Steam (Thou. lbs)

Jul	Usage	1,004,654	A	2,212	A	553	A
	Cost	$78,335	N	$21,850	A	$15,523	N
Aug	Usage	899,797	A	2,145	A	1,354	A
	Cost	$81,254	N	$22,087	A	$20,963	N
Sep	Usage	670,256	A	1,745	A	762	A
	Cost	$56,879	N	$13,472	A	$16,943	N
Oct	Usage	569,927	A	1,658	A	1,183	A
	Cost	$49,789	N	$11,604	A	$19,802	N
Nov	Usage	644,465	N	1,669	A	1,219	A
	Cost	$52,526	N	$11,681	A	$22,497	N
Dec	Usage	588,543	A	1,370	A	1,893	A
	Cost	$46,000	N	$9,589	A	$28,430	N
Jan	Usage	578,578	A	1,404	A	2,020	A
	Cost	$46,280	N	$9,827	A	$29,548	N
Feb	Usage	636,912	N	1,955	A	1,981	A
	Cost	$55,926	N	$13,683	A	$29,204	N
Mar	Usage	675,916	A	1,935	A	1,063	A
	Cost	$57,115	N	$13,543	A	$21,124	N
Apr	Usage	640,644	N	1,975	A	862	A
	Cost	$55,977	N	$13,823	A	$19,355	N
May	Usage	720,322	A	2,013	A	606	A
	Cost	$70,375	N	$19,483	A	$17,101	N
Jun	Usage	967,002	N	2,010	A	918	A
	Cost	$79,609	N	$20,697	A	$19,848	N
Total	Usage	8,597,016		22,091		14,414	
	Cost	$730,065		$181,339		$260,338	

* Demand KW and cost are information items only; demand cost is also included in KWH cost.

* RenElec, RenGas are information items only; RenElec, RenGas usage and cost are also included in electricity and gas usage and cost respectively.

Sensitive But Unclassified, Intended for GSA Internal Use Only.

Actual Data Report - Energy

Building Summary for building categories : ALL
Optional Building Designation(s) :
Energy Usage is shown in Actual units - Show All Report Details
Conversion Detail = Site Use

Date : 12/11/2012 Report for the period of Floating 12 Months, Fiscal Year : 2012 Month : June
Time : 7:50:21 AM

Region :	06	Building Category : A	Building : MO0050ZZ
Building Name:	WHITTAKER COURTHOUSE	City :	KANSAS CITY
Field Office :	5101-KANSAS CITY NORTH PMC	State :	Missouri
Service Center :	1	GSF :	753,511

Month	Remarks
Jul	
Aug	
Sep	
Oct	enter demand
Nov	
Dec	
Jan	
Feb	
Mar	
Apr	
May	
Jun	

Sensitive But Unclassified, Intended for GSA Internal Use Only.

Attachment 3 – EXAMPLE
ENERGY AND WATER EFFICIENCY REPORT – CONTRACTOR INPUT

Note to users: This sample report is based on the Energy and Water Efficiency Reporting Template. There are minor variances between this example and the temple. These minor variances are acceptable provided all the information requested in the template is provided.

Energy and Water Efficiency Monthly Reporting Sample

CONTRACT INFORMATION: _____
Contract number: _____

Building number, name and address: _Denney Federal Bldg
_100 Centennial Mall North
_Lincoln, NE 68508

FY12 Building energy performance target: 60,923 Btu/GSF,
Actual rolling 12 months EUI as of August 2012, 56,434 Btu/GSF,

FY12 Building annual water performance target: 14.61 Gal/GSF,
Actual rolling 12 months water use as of August 2012, 12.41 Gal/GSF

Dates covered in this report: August 2012

Report submitted by: Joe Jones, O&M Contract Supervisor

Date submitted: September 7, 2012

CONTRACTOR REPORTING ELEMENTS:

2. Use by resource – For each purchased utility resource, provide the use for the most recent EUAS reporting period for each utility, and the corresponding reporting period from the previous year in the table below.

Resource (please note units)	**Billing Period** (enter dates for the most recent EUAS billing for the corresponding utility)	**Monthly Use Current Year**	**Monthly Use Previous Year**
Electricity (kWh)	August 2012	435,000	503,000
Electricity Demand (kW)	August 2012	1,326	1,674
Water (gal)	August 2012	698,632	996,336
Steam (mmBtu)	August 2012	NA	NA
Natural gas (CF)	August 2012	0	0

3. Verification of building operations practices per the building operating plan – for each element below, verify if the operations practices are being followed, and list the date(s) these practices were verified.

The following were all reviewed in our meeting of October 24.

a. Operating schedule for HVAC systems

Completed: Yes ☐ No ☐ Date 10/24/12

b. Operating schedule for interior lighting systems

Completed: Yes ☐ No ☐ Date 10/24/12

c. Operating schedule for exterior lighting systems

Completed: Yes ☐ No ☐ Date 10//24/12

Will re-verify operating schedules of all exterior lighting when daylight savings time goes into effect on Nov 4

d. Summarize overtime utility requests and verify control settings were returned to original/desired setting:

Standing overtime utilities scheduled for the USDA Lab – 24/7 – AHU-6. No other overtime utilities were requested this month. SSA will have overtime utilities starting in the second quarter for their annual busy season. Typical OT utility hours are extended 2 hours per day Monday through Friday and 6 hours on Saturday until April 30, 2013.

Timely controls settings return completed: Yes ☐ No ☐ Not applicable ☐

e. Summarize building space temperatures at locations and times established by the Building Manager:

As discussed, the winter set point will be 72 +/- 2F. All areas will be set to this temperature per GSA Building Manager.

4. Analysis or completion of physical changes to plant and/or equipment resulting in reduced energy and/or water use. Use attachment if additional space is needed.

The VFDs on the chilled water and condenser water pumps are showing erratic operation. The control PID loop for these pumps is being investigated as the cause of this condition. The BAS vendor controls tech. is assisting in the analysis and reprogramming to correct this issue.

5. Operations changes resulting in reduced or increased energy and/or water use. Use attachment if additional space is needed.

During the dry weather and drought conditions this month, the landscaping on mall side of the building required increased watering to as much as 3 times per week. As rainfall increases, this practice will be monitored closely to avoid over using water for irrigation purposes.

6. Identify issues and their potential impact on the building's energy and/or water performance. Use attachment of additional space is needed.

During the dry weather and drought conditions this month, the cooling tower make-up water has increased. Even though water use is down substantially for the rolling 12 month period, we estimate the tower is requiring more water for the month due to increased evaporation and additional runtime during the extreme high temperatures this past month.

7. Overall energy and water use performance trend assessment.

Overall, the rolling 12 month energy use has decreased by -10.15% as of August 2012, compared to same 12 month period last year. Completion of ARRA projects along with adjustments of runtime schedules for air-handling units and some vacant space in the building has helped to reduce electrical energy consumption. Water usage is also down by 16.77% due to new cooling towers and new control sequences for the chilled water system. We will continue to adjust the AHU runtimes to match occupancy changes to reduce the operation of the chiller plant and to reduce electrical demand.

Planned energy and water efficiency actions for the next reporting period.

We will continue to closely monitor increased irrigation required due to drought conditions, and closely monitor that chilled water reset controls are working to take advantage of meeting cooling needs with lowered chilled water supply temperatures going into the shoulder season.

8. Identify support actions needed from GSA to assist in the energy and water efficiency efforts.

As discussed, GSA Building Manager is planning to meet with tenants to discuss the approved temperature ranges for office spaces to get a better understanding of the temperature range that is acceptable for all area. This should help to reduce hot/cold calls and repeat calls in many areas.

AHU-4 continues to have operational challenges. The unit is required to run for longer hours each day to ensure that cool down is achieved when the tenants return in the morning. VAV box air flows and temperatures in the area have been overridden to make the area as comfortable as possible. We believe this unit is not sized correctly for the area it serves and needs to be studied for refurbishment or replacement in a future capital project.

GSA REVIEW AND RESPONSE ELEMENTS – to be completed by property manager in the fields provided

GSA1. GSA Reviewing Official: _____

GSA2. Date reviewed by GSA: _____

GSA3. Comments to Contractor: _____

EXHIBIT 19 ANNUAL ENERGY & WATER EFFICIENCY REPORT

Background The annual report on energy and water efficiency will be completed and submitted per the requirements of section C.6.1.6, Energy & Water Efficiency, of the O&M services contract. The Contractor will meet with the GSA Property Manager prior to the last week of the contract expiration when the contract is not being extended, or by the 5th working day of the subsequent year startup when the contract is being extended, to review and discuss the submitted report. This discussion will address past building performance and initiate the planning of energy and water efficiency efforts for the next contract year. This information will assist the property manager and regional energy coordinator in establishing energy targets in the Operational Performance Targets (see Exhibit 16) for energy and water for the next fiscal year.

GSA is adopting this annual reporting procedure as a way to promote a collaborative relationship between GSA and the Contractor. This collaborative relationship will work to better identify and address issues and opportunities for improved energy and water efficiency, as well as overall building operations. This annual report will:

1. summarize actions completed during the last contract year aimed at
2. energy and water efficiency, and assess relative degree of success and lessons learned;
3. set operational goals for the next contract year; and
4. Identify and prioritize projects for the next contract year.

This document includes the following attachments:

1. Attachment 1 – Annual Report on Energy and Water Efficiency Template. The Contractor shall use the template to complete the report template sections for “Contract Information” and “Contractor Reporting Elements.” The GSA Property Manager shall complete the section “GSA Review and Response Elements.”
2. Attachment 2 – Clarification for Completing the Annual Report on Energy and Water Efficiency. This attachment provides additional detail on the types of information to be included in the individual reporting elements found in the template.

Data Sources Contractor shall make use of the energy and water efficiency reports that were submitted each month throughout the contract period. Contractor shall also use the most recent 12 month EUAS` data available for each individual resource and for total building resource use.

Instructions The incumbent Contractor shall complete the required fields in this report (see Attachment 1, Annual Report on Energy and Water Efficiency Reporting Template) and forward the completed report to the Property Manager prior to the last week of the contract expiration. (Note that in cases where a new Contractor is starting-up, they are not required to complete this report as part of their start-up.) The Property Manager shall review the submitted report; meet with the Contractor to discuss the summary of actions and outcomes reported; develop building performance targets for the new contract period; and prioritize projects, actions, and activities that will lead to energy and water efficiency improvements for the new contract period. Attachment 2, Clarification for Completing the Annual Report on Energy and Water Efficiency, provides additional detail and clarifications to assist in completing the report template.

A new Contractor starting-up work is not required to complete and submit this annual report until the last week of the contract period. However, the new Contractor shall review the last annual report submitted by the previous Contractor and complete the reporting element 7and consider results/recommendations for development of the Energy and Water Use Plan for the next contract year and submit to the CO or their designee within the first 2 weeks of the new contract. The Contractor will then meet with the Property Manager to agree upon the first year energy and water efficiency use plan.

CONTRACT INFORMATION – to be completed by Contractor in fields provided

Contract number: Field for Contractor provided in template

Building number, name and address: Field for Contractor provided in template

Building annual energy performance target: Field for Contractor provided in template

Building annual water performance target: Field for Contractor provided in template

Dates covered in this report: Field for Contractor provided in template

Report submitted by (name of contractor, name of individual responsible for follow-up actions): Field for Contractor provided in template

Date submitted: Field for Contractor provided in template

ANNUAL REPORTING ELEMENTS – to be completed by the Contractor in fields provided. Additional guidance on completing these reporting elements is provided in Attachment 2 (Clarification for Completing the Annual Report on Energy and Water Efficiency)

1. Summary of annual use by resource – For each purchased utility resource, provide the total annual use for the last 12 months available from the EUAS. Field for Contractor, as shown below is provided in template.

Resource (please note units)[a]	**Billing Period** (enter dates for the most recent 12 month EUAS billing for the corresponding utility)	**Yearly Use Current Year**	**Yearly Use Previous Year**
Electricity (kWh)[b]			
Electric demand (kW)			
Water (gal)[c]			
Steam (mmBtu)[d]			
Natural gas (CCF)[e]			

Notes:
Units listed in this table are standard units. Should different units be reported, the Contractor shall clearly label the units being used. The same units shall be used for both the current and previous year values reported.
Electricity shall be reported in kWh, the standard units of electric energy. The standard conversion for kWh to Btu is 3,413 Btu per 1 kWh.
[c] Water is typically billed in thousands of gallons (kgal). However, water should be reported in gallons (gal) on this form.
[d] Steam usage is typically reported in millions of Btus (mmBtu). Other units must be approved by the Property Manager.
[e] Natural gas can be metered/reported in hundreds of cubic feet (CCF). The standard conversion for CCF to Btu is 1,028 Btu per CCF.

2. Total energy and water use for the 12-month (contract) period – Using the most recent 12 months of EUAS data from reporting element 1 above, provide the following comparisons of performance against the targets established in Exhibit 10, Operational Performance Targets):
   a. Total 12-month building energy used (Btu/GSF) versus the annual energy performance target: Field for Contractor provided for contractor in template.
   b. Total 12-month building water used (gallons/GSF) versus the annual water performance target: Field for Contractor provided in template.

3. Provide a summary of changes/actions completed over the contract period affecting energy and water efficiency. Include, where possible, an estimate of the resulting impact in terms of energy and/or water savings for the previous 12 months. Estimates may be engineering or measured (meter or BAS supported) estimates.
   a. Operational changes – to address building/equipment schedule changes, set point changes, equipment/system tune-ups, and similar energy and water intensive system controls and operations settings completed during the contract period. Narrative field provided for Contractor to complete.
   b. Building/equipment changes – to address equipment, systems, or building materials installed and/or replaced during the contract period that would impact energy use such as window replacements, new rooftop units, and building renovation start-up or completion. Narrative field provided for Contractor to complete.
   c. Occupant behavior changes – to address outcomes from occupant changes such as reductions in frequent or routine overtime utility requests and energy awareness programs. Contractor actions supporting these behavior changes should be highlighted. Narrative field provided for Contractor to complete.

4. Recommendations for the next contract period – provide a list of recommended actions that will improve energy and water efficiency that should be considered for the next contract year. Include estimates of

outcomes for each recommendation, making use of supporting data and calculations when practical. Recommendations should address each operational efficiency, retrofit projects, and occupant behavior initiatives. Narrative field provided for Contractor to complete.

5. Contractor identified projects proposed – provide a summary of the Contractor identified projects that were proposed to GSA during the contract period. Summary for each project identified should include a short description of the project, estimated cost, and estimated impact on building energy and/or water use.

6. Overall Contractor assessment of performance – the Contractor will provide an assessment of their overall performance in terms of energy and water efficiency performance. At a minimum, this assessment should address each of the following:

   a. Energy and water use against the performance targets as measured and reported, as well as against the overall building operating conditions and requirements;
   b. Actions taken by the Contractor that (significantly) affected energy and water use, and the lessons learned;
   c. How the Contractor would assess their energy and water efficiency performance and why, and strengths and areas for improvement.

   Narrative fields will be provided for the Contractor to complete for each sub-element above.

7. Propose and prioritize efficiency measures – develop a list of the top priority actions that should be completed in the next contract year. Each proposed action should include the estimated cost and time to complete, and estimated impact on building energy and/or water use. Narrative field provided for Contractor to complete.

   GSA REVIEW AND RESPONSE ELEMENTS – to be completed by the Property Manager in the fields provided

   GSA1. GSA Reviewing Official: Field for Property Manager provided in template.

   GSA2. Review Contractor annual report: Field for Property Manager provided in template.

   GSA3. Confirmation of meeting between Property Manager and Contractor – date, participants, and summary of outcomes. Topics and desired outcomes – agreement on planned actions and energy and water performance targets for the next contract year – are summarized in Attachment 2 (Clarification for Completing the Annual Report on Energy and Water Efficiency): Fields for Property Manager provided in template.

Attachment 1 – ANNUAL REPORT ON ENERGY AND WATER EFFICIENCY TEMPLATE

CONTRACT INFORMATION – to be completed by Contractor in fields provided

Contract number:

Building number, name and address:

Building 12-month energy performance target: Btu/GSF

Building 12-month water performance target: Gal/GSF

Dates covered in this report:

Report submitted by (name of contractor, and name, email, and phone number of individual responsible for follow-up actions):

Date submitted:

ANNUAL REPORTING ELEMENTS – to be completed by the Contractor in fields provided. Additional guidance on completing these reporting elements is provided in Attachment 2 (Clarification for Completing the Annual Report on Energy and Water Efficiency)

1. Summary of annual use by resource – For each purchased utility resource, provide the total annual use for the last 12 months available from the EUAS. Field for Contractor as shown below is provided in template.

Resource (please note units)[a]	**Billing Period** (enter dates for the most recent 12 month EUAS billing for the corresponding utility) (format mm/dd/yy – mm/dd/yy)	**Yearly Use Current Year**	**Yearly Use Previous Year**
Electricity (kWh)[b]			
Electric demand (kW)			
Water (kgal)[c]			
Steam (mmBtu)[d]			
Natural gas (CCF)[e]			

Notes:
Units listed in this table are standard units. Should different units be reported, the Contractor shall clearly label the units being used. The same units shall be used for both the current and previous year values reported.
Electricity shall be reported in kWh, the standard units of electric energy. The standard conversion for kWh to Btu is 3,413 Btu per 1 kWh.
[c] Water is typically reported in thousands of gallons (kgal). Water may also be reported in gallons (gal).
[d] Steam usage is typically reported in millions of Btus (mmBtu). Other units must be approved by the Property Manager.
[e] Natural gas can be metered/reported in hundreds of cubic feet (CCF). The standard conversion for CCF to Btu is 1,028 Btu per CCF.

2. Total energy and water use for the 12-month (contract) period – Using the most recent 12 months of EUAS data from reporting element 1 above, provide the following comparisons of performance against the targets established in Exhibit 10 (Operational Performance Targets):

a. Total 12-month building energy used (Btu/GSF) versus the annual energy performance target:

12-month energy performance target: Btu/GSF

12-month energy use: Btu/GSF

Difference between target and actual use: Btu/GSF

b. Total 12-month building water used (gallons/GSF) versus the annual water performance target:

12-month water performance target: gal/GSF

12-month water use: gal/GSF

Difference between target and actual use: gal/GSF

3. Provide a summary of changes/actions completed over the contract period affecting energy and water efficiency. Include, where possible, an estimate of the resulting impact in terms of energy and/or water savings. Estimates may be engineering or measured (meter or BAS supported) estimates.

a. Operational changes – to address building/equipment schedule changes, set point changes, equipment/system tune-ups, and similar energy and water intensive system controls and operations settings completed during the contract period.

   Summary:

b. Building/equipment changes – to address equipment, systems, or building materials installed and/or replaced during the contract period that would impact energy use such as window replacements, new rooftop units, and building renovation start-up or completion.

   Summary:

c. Occupant behavior changes – to address outcomes from occupant changes such as reductions in frequent or routine overtime utility requests and energy awareness programs. Contractor actions supporting these behavior changes should be highlighted.

   Summary:

4. Recommendations for the next contract period – provide a list of recommended actions that will improve energy and water efficiency that should be considered for the next contract year. Include estimates of outcomes for each recommendation, making use of supporting data and calculations when practical. Recommendations should address each operational efficiency, retrofit projects, and occupant behavior initiatives

   Summary:

5. Contractor identified projects proposed – provide a summary of the Contractor identified projects that were proposed to GSA during the contract period. Summary for each project identified should include a short description of the project, estimated cost, and estimated impact on building energy and/or water use.

   Summary:

6. Overall Contractor assessment of performance – the Contractor will provide an assessment of their overall performance in terms of energy and water efficiency performance. At a minimum, this assessment should address each of the following:

a. Energy and water use against the performance targets as measured and reported, as well as against the overall building operating conditions and requirements.

Summary:

b. Actions taken by the Contractor that (significantly) affected energy and water use, and the lessons learned.

Summary:

c. How the Contractor would assess their energy and water efficiency performance and why, and strengths and areas for improvement.

Summary:

7. Propose and prioritize efficiency measures – develop a list of the top priority actions that should be completed in the next contract year. Each proposed action should include the estimated cost and time to complete, and estimated impact on building energy and/or water use.

Summary:

GSA REVIEW AND RESPONSE ELEMENTS – to be completed by the Property Manager in the fields provided

GSA1. GSA Reviewing Official:

GSA2. Date review completed by GSA:

GSA3. Confirmation of meeting between Property Manager and Contractor – date, participants, and summary of outcomes. Topics and desired outcomes – agreement on planned actions and energy and water performance targets for the next contract year – are summarized in Attachment 2 (Clarification for Completing the Annual Report on Energy and Water Efficiency).

Summary:

Attachment 2 – CLARIFICATION FOR COMPLETING THE ANNUAL REPORT ON ENERGY AND WATER EFFICIENCY

This attachment provides clarification on the types of information requested in the Annual Report on Energy and Water Efficiency. Entries in this clarification correspond to the numbered elements in the report template.

CONTRACTOR REPORTING ELEMENTS

1. Summary of annual use by resource (i.e., electricity, natural gas, etc.) – complete the table in the reporting template by providing the total resource usage using the most recent 12 months of information available from the EUAS. Note that in cases where the building is connected to the GSA ION EES, the Property Manager and Contractor may agree to use this data instead. (The advantage of the EES data is that the data is available in real-time, while the EUAS data are at least 1 month old before they are available.) Contractors must make sure that the use data is entered in the correct units and that these units are either the default units used in the template or they are clearly called out in the table.
2. The total energy use versus the reported 12-month energy use is an important measure of the Contractor's performance in addressing energy and water efficiency. GSA recognizes that throughout the year, there are events that may impact resource use both adversely and positively. For this reason, the outcome of the comparison of actual use to target use is not a pass/fail proposition. GSA will review and take into account the overall efforts of the Contractor and the range of factors that may have impacted the reported 12-month energy and water usage. Attention should be given to the following when completing these comparisons.

a. The Contractor and GSA are in agreement on data that go into the 12- month usage totals for all resources
b. Units of the individual energy resources used must all be converted to Btu before entering the total energy use. The conversions should make use of the conversion factors used by GSA.

3. Provide a summary of changes/actions completed over the contract period affecting energy and water efficiency, and provide estimates of their impacts. Changes/actions should be presented for each of the following categories: Operational changes, building/equipment changes, and occupant behavior changes.

Operational changes Numerous research efforts have reported that building-wide energy savings on the order of 5 to 15% are usually available through better building operations practices. Better yet, many of these changes can also result in improved occupant comfort, increased equipment reliability, and safer operating conditions. For these reasons, GSA encourages its contractors to identify and implement (after approval) these types of measures (e.g. set points).

Measures may address overall operations and maintenance management approaches such as:

- Metered data analysis – periodic, even daily, reviews of whole building and individual major equipment (where available) energy and water use and performance including building load profiles and performance trending.

- Developing approaches for staff to identify and recommend for action, energy and water efficiency measures.
- Providing staff training in building re-tuning, energy auditing and management, water auditing and management, existing building commissioning, BAS operations, and boiler efficiency and operations.

Building/equipment operations typically offer many opportunities to improve savings usually attributed to large energy and water using systems, such as HVAC and lighting. Building/equipment operations strategies and approaches for energy and water efficiency include, but are not limited to, actions focused on scheduling, procedures, and work/systems control and optimization. Examples include ongoing commissioning/building tune-up activities and operations and maintenance best practices procedures identifying and addressing opportunities such as those listed below:

- Revising equipment control sequences
- Reducing equipment runtime
- Improving economizer operations
- Optimizing chilled water supply temperature and differential pressure reset
- De-lamping overlit areas such as corridors and offices

Equipment maintenance – how well the Contractor will perform preventive, predictive, scheduled and unscheduled actions to prevent equipment failures or decline in performance with the goal of increasing efficiency, reliability, and safety. Examples might include

- Use of predictive maintenance technologies such as infrared thermography to (help) inspect electrical systems, mechanical systems, roofs, and insulation
- Use of actual equipment runtimes as recorded by the BAS to perform maintenance as needed instead of as scheduled
- Calibration of sensors and actuators

Numerous resources that address the topics above are available at no cost:

- Building re-tuning approach focuses on improving the operations and maintenance of (large) building controls systems. The re-tuning methodology is highly structured to identify and implement no-cost/low-cost energy savings. For more information visit http://www.pnnl.gov/buildingretuning/training.stm

Impact of E4 Training and Field Auditing of GSA Heartland Facilities provides a summary

EXHIBIT 20 QUALIFICATIONS OF ELECTRICAL TESTINGTECHNICIANS (ETT)

(ANSI/NETA ETT-2010 Standard for Certification of Electrical Testing Technicians)

TITLE:	Trainee Technician	Assistant Technician	Certified Technician	Certified Senior Technician
LEVEL:	Level I	Level II	Level III	Level IV
EDUCATION AND TRAINING:	High School / GED	Safety 40 hours Electrical 160 hours	Safety 24 hours add'l Electrical 240 hours add'l	Safety 40 hours add'l Electrical 200 hours add'l
RELATED EXPERIENCE:	None	Two Years*	Five Years*	Ten Years*
TYPICAL DUTIES:	None	Generally requires direct supervision. Responsible for safety of self. Understands hazardous electrical energy control procedures.	Capable of supervising Levels I and II. Routine and moderately complex projects. Record keeping. Safety of others. Switching. Evaluations.	Supervises large projects, multiple crews. Works independently. More complex investigations, tests, and evaluations.
TYPICAL ACTIVITIES:	Simple assistance. Simple measurements. Test equipment set up and removal. Cleaning.	Assists. Inspects. Tests. Data collection. Test for de-energized locked out/tagged out equipment.	Lockout/Tagout, safety grounding. Test for de-energized medium-voltage equipment. Performs moderately complex tasks. Interacts with other skills and operations.	Corrects system failures. Performs very complex tests. Interacts with engineers and managers. Writes reports.
EXAMINATION:	By employer	By certifying organization 70% minimum score	By certifying organization 70% minimum score	By certifying organization 70 % minimum score

NOTE: Candidates for Levels II, III, IV must have met the qualifications for all previous levels.
*** Completion of two or more years of technical education in an electrical field shall be equivalent to a maximum of one year of experience.**

EXHIBIT 21 MISCELLANEOUS BEST PRACTICES

COMMISSIONING

Commissioning for PBS takes several forms, Total Building Commissioning for New and Modernized facilities, Re-Commissioning for facilities that have been commissioned before, Retro-Commissioning for facilities that have not been commissioned before and Ongoing-Commissioning for all facilities through the use of technology and partnering with Operations and Maintenance (O&M) service providers.

Total Building Commissioning (TBC): GSA is responsible for meeting the space requirements of Federal agencies. To ensure a high standard of excellence for the American public, PBS utilizes a Total Building Commissioning Process. Total Building Commissioning is PBS's process for quality delivery in new construction and facility modernization. It is the process for achieving, validating and documenting that the performance of the total building and its systems meet the design intent and requirements of the owner.

Re/Retro-Commissioning : GSA's Re/Retro-Commissioning efforts will focus on GSA's "Covered Facilities" (facilities that constitute at least 75% of GSA's energy use) as defined in the Energy Independence and Security Act of 2007 (EISA 2007), as well as a data repository for our Commissioning and Continuous-Commissioning efforts In GSA's Strategic Sustainability Performance Plan, GSA has committed to re/retro-commission 25% of covered facilities (over 33 million sq ft) each year. The result of these re/retro-commissioning activities will improve the operations, maintenance and energy efficiency of the facilities.

Ongoing Commissioning : GSA's Ongoing Commissioning efforts will focus on maintaining the facility in the optimized state resulting from TBC and Re/Retro Commissioning efforts. GSA will achieve this through its relationship with its service providers (Operations and Maintenance/Custodial/Repair and Alterations/IT/Utilities) and the use of technology (networked systems/Advanced Meters/Smart Buildings).

Benefits of Commissioning for GSA Buildings: Because all building systems are integrated, a deficiency in one or more components can result in suboptimal operation and performance among other components. Remedying these deficiencies can result in a variety of benefits including:

- Improved building occupant productivity
- Lower utility bills through energy savings
- Increased occupant and owner satisfaction
- Enhanced environmental/health conditions and occupant comfort
- Improved system and equipment function
- Improved building operation and maintenance
- Increased occupant safety
- Better building documentation
- Shortened occupancy transition period

- Significant extension of equipment/systems life cycle

Industry sources indicate that on average the operating costs of a commissioned building range from 8% to 20% below that of a non-commissioned building. Certain available commissioning implementation tools, such as cost shared USDOE Energy Contractors, may even result in a negative capital investment cost. GSA's goal in adopting building commissioning is:

- To safeguard PBS interest, by implementing solutions that best represent and meet the long term efficiency and functionality of all PBS buildings and meet the expectations of GSA's customers
- To improve facility operations
- To optimize the value received for each construction dollar spent
- To improve Indoor Environmental Quality (IEQ) and decrease liability due to IEQ problems

(A) COMMISSIONING.—The term 'commissioning', with respect to a facility, means a systematic process—
''(i) of ensuring, using appropriate verification and documentation, during the period beginning on the initial day of the design phase of the facility and ending not earlier than 1 year after the date of completion of construction of the facility, that all facility systems perform interactively in accordance with—
''(I) the design documentation and intent of the facility; and
''(II) the operational needs of the owner of the facility, including preparation of operation personnel; and
''(ii) the primary goal of which is to ensure fully functional systems that can be properly operated and maintained during the useful life of the facility.

''(F) *RECOMMISSIONING*.—The term 'recommissioning' means a process—
''(i) of commissioning a facility or system beyond the project development and warranty phases of the facility or system; and
''(ii) the primary goal of which is to ensure optimum performance of a facility, in accordance with design or current operating needs, over the useful life of the facility, while meeting building occupancy requirements.

''(G) *RETROCOMMISSIONING*.—The term 'retro-commissioning' means a process of commissioning a facility or system that was not commissioned at the time of construction of the facility or system.

SHAVE ENERGY

The Shave Energy Program is designed to assist field offices to systematically identify and implement simple no cost energy efficiency measures. The primary goal of the program is to identify no cost inefficiencies in operations, make appropriate adjustments, and reduce total energy consumption at participating facilities, on average, by 10% per year. FMSP expects that the program can reduce energy cost by $45 million per year once fully implemented nationally.

Program participants will use various audit procedures, tools, templates, strategies, educational tools and reference materials to implement a variety of best practices. These include optimizing HVAC & lighting

schedules, controls, and equipment, implementing energy- and comfort-optimized thermal set points and lighting levels, demand shedding, and tenant engagement.

Field office personnel will be essential to the success of the program and will be pivotal to reducing cost significantly through no cost means. They will be supported by regional super users and a regional program manager.

The Miami Service Centers participated in the *unintentional* Shave Energy pilot program last year and the results are very promising. The Service Center, under the leadership of Don Rollins, implemented numerous no cost items into its portfolio and the benefits were profound as they maintained reductions over a one year period.

Over the past year, the Service Center reduced energy consumption by 4,916 BTU/GSF and a 15% reduction in total KWH usage (equivalent to almost 6 million KWH). This reduction is very significant and equivalent to "not using" 161,294 gallons of gas. The cost benefit associated with these reductions is also significant as it reduced total energy cost by $541,419 in FY11 KWH dollars.

The Wilkie Ferguson facility has also seen phenomenal success on its own as it reduced its usage by 15,369 BTU/GSF over the last year. The property manager reduced total consumption by 3.5 million KWH or 29% over the last year. This reduction is equivalent to "not using" 95,093 gallons of gas or removing 1,521 cars from the road. The cost savings associated with these reductions is $314,861 in FY11 KWH dollars.

The Pilot Shave Energy Program was expanded to include an additional service center in the fall. After initial walk through and audits of two of its' facilities, possible annual consumption reductions between 2.8 million and 3.8 million KWH were identified. Again, these reductions would result from "no cost" methods. The potential cost savings is approximately $250K to $340K.

The pilot participants are currently vetting the various audit procedures, tools, templates, and strategies with much success.

The Shave Energy Program presents a unique methodology to bridge the gap between the identification of energy-saving opportunities and implementation of energy retrofits by outlining specific actionable items based on simple operational best practices. Integration of Shave Energy with advanced metering programs will significantly expedite the detection of opportunities for energy reduction through the analysis of building energy consumption.

The success of Shave Energy is dependent on managerial commitment to existing GSA operational standards. In order to maximize the impact of the Shave Energy Program, GSA management must be proactively engaged at the national, regional, field office, and building levels.

The first step is to identify core team members. These core team members will assist in fully developing the program and providing guidance to the national program team. A call for team members will be sent out shortly.

The second step is to make people and buildings available for training and implementation of best practices. This program's training is expected to be 10 hours for regional and field office super users and participating property managers. The audit process is expected to take approximately 24 to 30 hours per facility depending on size. And a strong commitment to implement cost saving measures uncovered during the audits.

In conclusion, it is still feasible to reduce consumption and cost with little or no investment. In these current uncertain fiscal times your commitment and support is fundamental.

Schedule Alignment

One of the easiest ways to reduce energy usage in a building is to ensure that operations such as heating, cooling, and lighting satisfy occupant requirements only during occupied times. The GSA definition of occupancy in the workplace is defined as the times during which at least 75% of all people typically working in the office are present. The Contractor should align all operational schedules to reflect GSA's occupancy definition. Providing heating and cooling services beyond the occupied operational schedule without prior approval of GSA is prohibited unless those services will be required to maintain the facility in accordance to ASHRAE thermal comfort and efficiency standards. All operating schedules must be adjusted seasonally and be approved by GSA every 90 days.

Unoccupied Heating and Cooling Operations

During unoccupied times, heating and cooling operations should be shut off, or in climates that require the circulation of mildly conditioned air, their set points set back by (at minimum) 8-10°F (e.g. if the cooling set point is 74°F then an appropriate unoccupied set point would be 84°F). As required by the Federal Management Regulations, heating temperature set points must be no higher than 55°F during non-working hours. When the building is unoccupied, only emergency lighting should remain on inside the building. During times when occupants are filtering in or out of the building at the beginning and end of the day, the air conditioning system can be in the process of ramping up or down because a lower internal load (i.e. body heat and appliance use) exists under these conditions. For more information, see SEP Reference Manual Sections.

Morning Start-Up and Afternoon Drift

Depending on the system type and building size and air conditioning load, some systems may take a number of hours to stabilize at the desired heating or cooling set points. The O&M Contractor should be aware of these start-up times and should operate the equipment schedules based on the observed response and the space occupancy. However, the system start-up response time will also vary by season. For example, GSA would expect a system that takes 2 hours to meet occupied cooling set points in August to take significantly less time to meet these set points in March. The Contractor should adjust the heating and cooling system start-up times seasonally to align the observed stabilized response of the system with the periods of 75% occupancy or greater, keeping in mind that full air conditioning need not be applied during times of lower occupancy.

Many building automation systems have algorithms for optimal start procedures based on the outside air temperature and the load required to reach set points in morning start-up. Where such systems exist, these algorithms should be utilized to minimize start-up energy consumption.

GSA recommends that Contractors shut down or set back equipment in a similar manner. In many buildings, while exact temperature set points may not be upheld, favorable temperatures will be maintained long after equipment have been shut off or set back to unoccupied levels. As occupants leave at the end of the day, cooling loads decrease. For example, if occupants leave the building between 3:30 p.m. and 5:00 p.m., the unoccupied temperature set back can actually be applied at 4:00 or 4:15 and the temperature allowed to slowly drift upwards as people leave the building. In order to determine the appropriate time for shutting down or setting back equipment operations, the Contractor should evaluate the current system

capabilities and adjust the systems schedule daily if needed to optimize energy usage while maintaining acceptable levels of comfort.

Heating, Ventilation, and Air Conditioning (HVAC)

This Section summarizes the best practices for operating heating, ventilation, and air conditioning systems. As the Contractor surveys the building spaces and the associated systems, each of the following practices should be verified and the need for adjustment noted.

Timing of HVAC Adjustments

Changes to centralized building temperature set points for more efficient operation should be gradual but substantial enough to reduce system inefficiencies. If centralized building temperature set points are required the Contractor should adjust no more than by 2°F per week.

Set Point Control

ASHRAE Standard 55 for Thermal Comfort identifies acceptable comfort ranges based on humidity and mean outdoor air temperature using a metric of Predicted Percentage Dissatisfied (PPD) to optimize thermal comfort. For most summer climates for which air conditioning is utilized in the United States, acceptable cooling set points range between 74°F and 78°F. Acceptable heating set points range between 68°F and 72°F for most US climates. The Contractor shall operate all GSA conditioned space in accordance to ASHRAE Standard 55 for appropriate space types and all building thermostat dead bands shall be limited to no more than ± 2°F. For example, an appropriate set point and dead band would be 74°F ± 2°F for a cooling environment if the ASHRAE standard acceptable cooling set points range between 74°F and 78°F. An inappropriate set point and dead band would be 72°F ± 2°F or 74°F ± 3°F for a cooling environment if the ASHRAE standard acceptable cooling set points range between 74°F and 78°F.

Supply Air Temperature Resets

When outside air temperatures are lower, the building can meet space cooling temperature set points using higher supply air temperature set points. This lowers the energy costs associated with running the cooling system and, in buildings with zonal reheat, this can also prevent the waste of energy through simultaneous heating and cooling. For applicable systems, the Contractor should implement a supply air temperature reset. Where such automation is not possible, Contractors should manually implement this strategy on a seasonal basis. In most climates, discharge air temperature can be reset by about 10°F while maintaining favorable indoor temperatures and reducing energy consumption. Typical discharge air temperature resets range between 50°F and 60°F for cooling.

Chilled Water and Hot Water Resets

The prescribed recommendations for the reset of chilled water and heating hot water set points apply only to hydronic systems, in which the heating and cooling sources to the air handler are chilled water and hot water served by chiller(s) and boiler(s) respectively.

Many HVAC system configurations can be programmed to automatically reset the CHW temperature set point in response to building load, similar to supply air temperature reset control, if the system is programmable the Contractor shall automate all configurations. The Contractor should adopt a chilled water reset strategy and implement a temperature control range of 5-10°F. In general the lower limit of the control range should be no less than 42°F and that the upper limit should be no more than 2°F less than the

minimum supply air temperature. Where such automation is not possible, Contractors should implement this strategy on a seasonal basis.

Most buildings can be programmed to automatically modulate hot water temperatures in response to building load. The Contractor should implement a hot water reset strategy which decreases the range to which the hot water temperature can be reset; if the system is programmable the Contractor shall automate all configurations. As a rule of thumb, the hot water temperature set point should be no lower than 140°F and no greater than 180°F. For example, if the building is controlling heating hot water temperatures to 170°F, an appropriate reset control strategy would control heating hot water between 140°F and 170°F.

Static Pressure Resets

Variable air volume systems typically modulate supply fan speed to maintain a constant duct static pressure. This static pressure set point is designed to overcome all system pressure loss at peak fan airflows. Under partial load conditions, the required airflow is less than the design airflow and a lower duct static pressure is required to meet the load. In order to meet ventilation requirements, the degree to which duct static pressure can be reduced depends on the number of zones, the zone size and maximum occupancy, and the system's air balance. Poorly balanced systems require greater static pressure to ventilate the worst-served zones. The Contractor shall rebalance any poorly balanced zones.

Most air handling units use constant duct static pressure set points around 2" WC. Depending on the building, static pressure may even be reset to below 0.5" WC while maintaining sufficient airflow for heating, cooling, and ventilation. The Contractor should determine the minimum required static pressure to meet ventilation requirements. If adjustment is possible the Contractor shall lower the static pressure until airflow to the worst stops providing adequate ventilation, as required by ASHRAE 62.1 (see next Section). Wherever systems can support it, the Contractor shall implement a duct static pressure reset control strategy that ranges from the design static pressure to the minimum static pressure required for ventilation.

Outside Air Intake

When buildings are occupied, they are required by law to intake a certain amount of outside air to maintain appropriate indoor air quality. The Contractor must verify that all HVAC systems provide ventilation as required by ASHRAE Standard 62.1 – 2010 every three years through system testing. These reports must be submitted to GSA for approval. The use of TAB reports to verify performance is strictly prohibited. The value to note in verifying the intake of outside air is the combined outdoor air rate, shown in Table 6-1 of ASHRAE 62.1. This may be calculated based on the maximum number of occupants and floor area, as shown in the equation below, or using the default values based on default occupant densities.

$$Required\ Ventilation\ (CFM) = R_P * (Max.\#\ Occupants) + R_a * (Floor\ Area)$$

Table 1 Selection of ASHRAE Standard 62.1 Table 6-1

Occupancy Category	People Outdoor Air Rate R_p		Area Outdoor Air Rate R_a		Notes	Default Values			Air Class
						Occupant Density (see Note 4)	Combined Outdoor Air Rate (see Note 5)		
	cfm/person	L/s·person	cfm/ft^2	L/s·m^2		#/1000 ft^2 or #/100 m^2	cfm/person	L/s·person	
Office space	5	2.5	0.06	0.3		5	17	8.5	1
Reception areas	5	2.5	0.06	0.3		30	7	3.5	1
Break rooms	5	2.5	0.06	0.3		25	10	5.1	1
Conference/meeting	5	2.5	0.06	0.3		50	6	3.1	1
Corridors	–	–	0.06	0.3		–			1
Courtrooms	5	2.5	0.06	0.3		70	6	2.9	1
Legislative chambers	5	2.5	0.06	0.3		50	6	3.1	1
Libraries	5	2.5	0.12	0.6		10	17	8.5	1
Lobbies	5	2.5	0.06	0.3		150	5	2.7	1

One Section of the ASHRAE 62.1 Table 6-1 is shown above. The Contractor can access the full document and a comprehensive list on the GSA Shave Energy Google Site. A conservative estimate for the required outside air flow is 20 CFM per occupant. The intake of outside air above minimum requirements can reduce or increase the total cooling energy use, depending on the outside air temperature. If possible, the Contractor shall implement airside economizer control to optimize the intake of outside air for cooling operations. If the minimum outside air intake is greater than required by ASHRAE 62.1, however, then additional energy is required to condition that air to space requirements. As best practice, minimum ventilation rates should be within 100-110% of that required by ASHRAE 62.1.

Exhaust Fan Control

GSA prohibits running exhaust fans constantly. The Contractor shall adopt an exhaust fan strategy and where possible use sensors to control all exhaust fan systems.

Placement of Supply and Return Air Diffusers

In order for building spaces to be effectively cooled and heated, the air supplied to each zone must be allowed to distribute and mix with the warmer (for cooling) or cooler (for heating) air in these spaces. If supply and return diffusers are placed too close to each other, then air flow will be short-circuited and conditioned air will be returned without effectively conditioning the space. The Contractor shall verify that all supply and return air diffusers are placed no less than 5 feet apart. The O&M Contractors shall re-distribute the supply and return air connections when necessary and feasible.

Demand Response Strategies

If GSA has a Demand Response Strategy in place the Contractor shall operate the facility in accordance to that strategy. In addition, any strategies that can be adopted on a normal routine should be adopted as standard daily practice. Any strategy that can temporarily decrease energy consumption (e.g. lighting reduction, where applicable) should be applied during high-rate demand response events and were feasible daily. The Contractor shall maximize demand reduction strategies during high-rate periods.

Lighting and Lighting Controls

The Contractor shall remove or replace lighting fixtures and bulbs with more efficient equivalent alternatives when available when those alternatives can be procured at the same market cost. It is important to note

that these investments in time pay off on their end as well because in the future they'll need to replace fewer bulbs less often. If such an alternative more efficient product is available at the request of the government the Contractor is required to use them if the payback is less than three-fourths of the Contract period or less than eighteen months whichever is less. In addition, if an appropriate lighting efficiency strategy is identified at the facility the Contractor, shall support the effort if there is no undue burden placed upon the Contractor (e.g. a de-lamping 2 hours per week over a specified amount of time).

Acceptable Levels of Luminance

Section 6.3 in the P100 specifies interior lighting requirements, which must be realized at work surfaces or a height of 30 inches by the combination of ambient lighting fixtures, task lighting, and ambient daylight. These standards should be interpreted as guidelines for appropriate lighting levels - as in actual application, these levels will vary throughout the space. The below guidelines recommended minimum and maximum values for luminance for most GSA space types. These are to be realized at working surfaces by a combination of installed lighting fixtures, task lighting, and daylight.

TABLE 2 ACCEPTABLE LEVELS OF LUMINANCE

Area/Activity	Guideline Average Illuminance (foot candles)	Recommended Minimum Illuminance (foot candles)	Recommended Maximum Illuminance (foot candles)
Parking lot	N/A	.1	5
Elevator	N/A	5	10
Inactive storage	5	5	10
Active storage	10	5	15
Stairs	10	10	15
Restroom	10	10	20
Corridor	10	10	30
Dining area	10	10	30
Lounge	10	10	30
Atrium	10	10	30
Lobby	10	10	30
Elec./Mech/Tech. room	30	20	40
Enclosed office	30	20	50
Open office	30	30	50
Conference	30	30	50
Classroom	30	30	50

The U.S. Courts Design Guide derives required levels of illumination from IESNA standards, as shown below. These have also been coupled with recommended minimum and maximum values for space luminance.

TABLE 3 U.S. COURT FACILITIES – ACCEPTABLE LEVELS OF LUMINANCE

Area/Activity	Guideline Average Illuminance (foot candles)	Recommended Minimum Illuminance (foot candles)	Recommended Maximum Illuminance (foot candles)

Public seating	10	10	20
Supplies and storage	20	10	30
Attorney witness table	30	30	50
Witness box	30	30	50
News media room	30	30	50
Attorney work room	30	30	50
Attorney witness room	30	30	50
Jury assembly suite	30	30	50
Trial jury suite	30	30	50
Grand jury suite	30	30	50
Central court libraries	30-50	30	50
Judges chamber suites	30-50	30	50
Judge's bench	50	40	60
Bailiff	50	40	60
Interpreter	50	40	60
Court reporter	50	40	60
Jury box	50	40	60

The recommended levels of luminance should be provided for each space and over lit spaces should be reduced in electrical lighting by one of the following lighting reduction measures.

Removal and Relocation of Fixtures

Where excessive lighting exists, the simplest measure to reduce lighting energy consumption is to remove some of the fixtures that serve that area. Where over lit spaces can output favorable lighting levels using fewer of the existing installed fixtures, determine the minimum number of fixtures required to meet the desired level of luminance. Remove the unnecessary lighting fixtures and rearrange them to effectively distribute luminance throughout the space. A multiple period plan should be developed and submitted to GSA if removal or relocation of fixtures is warranted.

Removal of Lamps (De-lamping)

Where the distribution of lighting fixtures is appropriate, yet lighting levels are higher than needed, one option for reducing lighting energy is to remove lamps from the existing fixtures. For example, if a room with excessive lighting has six fixtures with three lamps per fixture, an acceptable solution could be to remove the center lamp from each fixture in order to maintain fixture symmetry yet reduce the lighting energy by 33%.

Replacement of Lamps/Fixtures

Many buildings were installed with fixtures and lamps that are grossly inefficient compared to modern lighting technology. Furthermore, newer induction, CFL and LED technologies last longer and require replacement less often than older, inefficient lamps. As these lamps burn out, they should be replaced with more efficient lamps, and where necessary, fixtures should be replaced. To maintain aesthetic consistency, a plan to replace the lamps or fixtures for an entire zone over time should be submitted to GSA for approval. For more information regarding appropriate efficient lighting technologies, see GSA Standards Related to Shave Energy and the P100 Facilities Standards for the Public Buildings Service.

Re-ballasting fixtures

Re-ballasting fixtures can be an effective method for reducing the energy consumption of lighting fixtures or increasing their total lifetime. Ballasts regulate the amount of electrical current available to a lighting fixture. When older, more inefficient, ballasts are in place and expire the Contractor shall replace them with more efficient technology. When lighting fixtures are replaced and/or existing ballasts are incompatible with the installed lighting, the Contractor must ensure that the ballast is installed to the light bulb specifications. Improper ballasting severely reduces lamp life and incurs additional maintenance and repair costs. For spaces in which dimming capabilities are desired, such as for photocell control, install dimmable ballasts to regulate the electrical current to the light bulbs.

Occupancy Control

Occupancy controls have become significantly more economical in recent years, and are proven to significantly reduce energy by allowing lighting to turn on only when spaces are occupied. They can be applied to any building interior space or parking structure. Depending on the layout and use for each space, the Contractor should choose (a combination of) specific sensor types found below when current lighting controls fail or require replacement:

- Wall-Mounted Sensors
- Ceiling-Mounted Sensors
- Bi-Level Sensors
- Passive Infrared (PIR)
- Ultrasonic
- Dual Technology

Daylight Control

Many office spaces maintain high levels of luminance during the day through windows and skylights and require no electrical lighting during most occupied hours. In some places, lighting fixtures can simply be removed where they are not unnecessary. In places where electrical lighting is only required during some hours, however, one of two strategies should be employed by the Contractor if appropriate systems are in place to allow the lights to come on only when needed:

Photocell Sensors: Measures luminance and interacts with the fixtures or BAS to control area lighting by switching lights on and off or by electronic dimming. The sensor sensitivity is adjustable.

Timer Switches: Timers interact with the fixtures directly or through the BAS to control area lighting based on the time of day.

Lighting Demand Response

Lighting reductions may also be utilized as a measure for demand response. For buildings that incur demand charges and where systems are in place, implement a continuous dimming or stepped lighting reduction demand response strategy during the peak demand period. From standard lighting levels, dim lighting by 20%, 40%, and 60% for zones with no daylight, low daylight, and high daylight respectively without occupant impact – assuming that the dimming takes place over the matter of minutes – GSA recommends at 1% per minute. With prior GSA approval lighting can be reduced up to 60% across the board during the worst demand response.

Stepped lighting reductions require stepped dimming lighting control or a wiring configuration that supports turning only some lights off. During peak demand periods, reduce the stepped lighting output or the number of lights served.

FEDERAL HIGH PERFORMANCE GUIDING PRINCIPLES

PERFORMANCE MEASUREMENT - BUILDING AUTOMATION SYSTEM (GP4.3A)

A BAS supports ongoing accountability and optimization of the building energy performance, and helps building engineers to efficiently operate GSA assets.

The BAS must monitor and control the major building systems, including at minimum, heating, cooling, ventilation exterior and interior lighting, if a preexisting BAS is in place. Operating in manual or non-automated modes is strictly prohibited. Altering any building system that is, was, or previously has been automated or controlled by the BAS or similar control system is prohibited and is grounds for Contract termination or penalty. Lighting may be controlled by the BAS or by time clocks, occupancy sensors, or photocells. Critical spaces include all spaces within the building except for storage closets and mechanical closets. All regularly occupied spaces, stairwells, lobbies, and corridors are considered to be critical spaces and therefore must have automatic controls in place if applicable.

All critical sensors should be calibrated annually to ensure accurate readings and control points. When used effectively, a BAS allows building engineers and management to make informed decisions regarding changes in building operations and energy saving investments.

The Contractor shall record the Base Building Systems Control and BAS Operating Capabilities in the GSA Sustainable Operations and Maintenance Tool. The Contractor shall develop a maintenance plan for all zone level sensors and actuators using GSA's "Zone Level Sensor Maintenance Plan Template and Sample." The maintenance plan must demonstrate that zone level sensors and actuators will be calibrated according to the manufacturer recommended intervals to ensure sensor and actuator accuracy and precision and proper operation of the overall systems. The plan must also demonstrate that any malfunctioning zone level sensors and actuators will be repaired or replaced. At a minimum, the maintenance plan must include the following zone level sensors and actuators:

- Terminal unit damper
- Terminal unit flow sensor
- Space temperature sensors
- Space humidity sensors (if applicable at the facility)
- Zone CO2 sensors (if applicable at the facility)
- Calibrate all system level sensors and actuators annually

The Contractor shall maintain zone level sensors and actuators according to the Zone Level Sensors Maintenance Plan. Ensure the standard operating procedure for responding to comfort calls includes calibration/verification of zone level sensors and actuators as applicable to the facility. The Contractor shall

check temperature set points and resets annually, record changes to set points, programming, and schedules, set up trends so that unusual equipment operation can be identified and corrected, annually provide GSA a Calibration and Testing Report. The Contractor shall operate the facility in accordance to the Federal High Performance Guiding Principles 3.1 Performance Measurement - Building Automation System as outlined in the GSA Sustainable Operations and Maintenance Tool and Reference Guide. The Contractor shall provide GSA documentation to support compliance to the Federal High Performance Guiding Principles 3.1 Performance Measurement - Building Automation System as outlined in the GSA Sustainable Operations and Maintenance Tool and Reference Guide. The Contractor shall provide GSA a schematic of the floor layout showing automated lighting controls.

If no BAS system is in place or limited control the Contractor shall operate the GSA asset in accordance to the GSA GP3.3b - (EQc2.2) - Controllability of Systems – Lighting requirements. The contractor will confirm that the facility provides automated lighting controls (occupancy/vacancy sensors with manual-off capacity) for appropriate spaces including restrooms, conference and meeting rooms, employee lunch and break rooms, training classrooms and offices. **Provide GSA a schematic of the floor layout showing automated lighting controls**

Benchmarking, Energy and GHG Performance (GP 2.1a, 2.3, 2.4, 2.5)
GSA utilizes EPA's Energy Star Portfolio Manager (ESPM) as a tool to allow buildings to directly compare their observed energy consumption to a database of national energy data, and to establish a building energy performance rating accordingly. The facility's ESPM will be shared with the Contractor in a read only view.

GSA's Energy Star Rating goal is an Energy Star Rating of at least 75 or be 19th percentile points above the national average energy usage intensity. GSA centrally maintains all energy use for its buildings centrally and that data is uploaded to Energy Star on or about the 20th of each month.

The Contractor shall annually review the space information and building profile in the facility's ESPM account for accuracy and report to GSA an inaccuracy. The Contractor shall not update, alter, or change any utility data or entries. Support GSA in efforts of documenting compliance for an Energy Star Label. Operate the facility in accordance to the Energy Star PE Guide standards. Calibrate meters in accordance to the GSA Sustainable Operations and Maintenance Tool and Reference Guide. Operate the facility in accordance to the Federal High Performance Guiding Principles 2.1a, 2.3, 2.4, & 2.5 Energy and GHG Performance as outlined in the GSA Sustainable Operations and Maintenance Tool and Reference Guide. Provide GSA documentation to support compliance to the Federal High Performance Guiding Principles 2.1a, 2.3, 2.4, & 2.5 Energy and GHG Performance as outlined in the GSA Sustainable Operations and Maintenance Tool and Reference Guide.

BP 1 - ASHRAE 62.1-2007

To ensure that the facility is adequately ventilated with outside air (OA) the GSA has adopted the ASHRAE 62.1-2007 standards. Facilities with naturally ventilated systems (i.e. no mechanical ventilation) are not required to document compliance to the ASHRAE 62.1-2007 standard. An alternative standard can be used at GSA's discretion.

The Contractor shall annually document that all mechanical ventilation systems are meeting ventilation requirements of ASHRAE 62.1-2007. Any air handlers (AHU) that are physically not able to meet these

standards must provide at least 10 CFM/person of outside air. The Contractor shall annually document proper function of all dedicated exhaust systems and operate the facility in accordance to the Federal High Performance Guiding Principles 4.1 Outside Air Ventilation & Indoor Air Quality Best Management Practices as outlined in the GSA Sustainable Operations and Maintenance Tool and Reference Guide. The Contract shall operate all heating and cooling systems and equipment in accordance the Shave Energy program standards, best practices, training, and reference guides. The Contractor shall provide GSA documentation to support the Federal High Performance Guiding Principles 4.1 Outside Air Ventilation & Indoor Air Quality Best Management Practices as outlined in the GSA Sustainable Operations and Maintenance Tool and Reference Guide.

Besides the aforementioned lighting and HVAC efficiency measures, there are a great number of other no cost efficiency measures that can easily be implemented into building operation. The following list demonstrates a number of additional strategies the Contractor should adopt if appropriate and feasible at the GSA facility:

- Timer control for, or removal of, water fountain cooling systems
- Keypad access to freight elevators
- Smart programming for elevator operation (automated, timer, BAS, sleep mode)
- Extended elevator door close operation
- LED lighting for elevators, stairs, exterior, flood lighting
- Weather stripping of doors and windows
- Plug standby load controllers (timer, occupancy)
- Dynamic modification of BAS equipment schedules
- Additional strategies can be found in the National Energy Efficiency Best Practices Study.

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
AHU-01	Air Handling Unit, 3 ton thru 24 ton	AIR HANDLING UNIT AC-5		1
ACC	Condenser, Air-Cooled	EDDY CURRENT RMV 1/2/3		1
AHU-01	Air Handling Unit, 3 ton thru 24 ton	AIR HANDLING UNIT AC-7		1
ACU	Air Conditioner Package	LIEBERT MINI-MATE ACU #1		1
AHU-01	Air Handling Unit, 3 ton thru 24 ton	AIR HANDLING UNIT AC-11		1
ACU	Air Conditioner Package	LIEBERT MINI-MATE ACU #2		1
AHU-01	Air Handling Unit, 3 ton thru 24 ton	AIR HANDING UNIT 1345		1
ACU	Air Conditioner Package	LIEBERT MINI-MATE ACU #3		1
ALM	Fire Detection and Alarm System	MAIN FIRE COMMAND STATION		1
ATS	Switch, Automatic Transfer	AUTOMATIC TRANS.SWITCH #3		1
CHL-CW1	Chiller, Centrifugal, water cooled, up to 100 tons	DOMESTIC WATER CHILLER #1		1
ATS	Switch, Automatic Transfer	AUTOMATIC TRANS.SWITCH #4		1
CHL-CW1	Chiller, Centrifugal, water cooled, up to 100 tons	DOMESTIC WATER CHILLER #2		1
ATS	Switch, Automatic Transfer	AUTOMATIC TRANS.SWITCH #5		1
UHT-03	Unit Heater, Cabinet	CABINET HEATER CH-2		1
UHT-03	Unit Heater, Cabinet	CABINET HEATER CH-18		1
ATS	Switch, Automatic Transfer	AUTOMATIC TRANS.SWITCH #6		1
ATS	Switch, Automatic Transfer	AUTOMATIC TRANS.SWITCH #1		1
UHT-03	Unit Heater, Cabinet	CABINET HEATER CH-3		1
UHT-03	Unit Heater, Cabinet	CABINET HEATER CH-19		1
CTR	Cooling Tower	COOLING TOWER #1	BALTIMORE AIRCOIL	1
ATS	Switch, Automatic Transfer	AUTOMATIC TRANS.SWITCH #7		1
ATS	Switch, Automatic Transfer	AUTOMATIC TRANS.SWITCH #2		1
UHT-03	Unit Heater, Cabinet	CABINET HEATER CH-4		1
CTR	Cooling Tower	COOLING TOWER #2	BALTIMORE AIRCOIL	1
UHT-03	Unit Heater, Cabinet	CABINET HEATER CH-21		1
ATS	Switch, Automatic Transfer	AUTOMATIC TRANS.SWITCH #8		1
UHT-03	Unit Heater, Cabinet	CABINET HEATER CH-5		1
UHT-03	Unit Heater, Cabinet	CABINET HEATER CH-23		1
CTR	Cooling Tower	COOLING TOWER #3	BALTIMORE AIRCOIL	1
UHT-03	Unit Heater, Cabinet	CABINET HEATER CH-12		1
UHT-03	Unit Heater, Cabinet	CABINET HEATER CH-24		1
UHT-03	Unit Heater, Cabinet	CABINET HEATER CH-15		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
ELT	Emergency Lighting	INDICATOR LIGHTS		1
UHT-03	Unit Heater, Cabinet	CABINET HEATER CH-27		1
DSE	Duplex Sewage Ejector	SEWAGE EJECTION PUMP #1		1
UHT-03	Unit Heater, Cabinet	CABINET HEATER CH-16		1
ELT	Emergency Lighting	STROBES		1
UHT-03	Unit Heater, Cabinet	CABINET HEATER CH-28		1
DSE	Duplex Sewage Ejector	SEWAGE EJECTION PUMP #2		1
CHL-CW1	Chiller, Centrifugal, water cooled, up to 100 tons	REFRIGERATION MACHINE #1C		1
UHT-03	Unit Heater, Cabinet	CABINET HEATER CH-17		1
UHT-03	Unit Heater, Cabinet	CABINET HEATER CH-31		1
DSE	Duplex Sewage Ejector	SEWAGE EJECTION PUMP #3		1
EXT	Expansion Tank	EXPANSION TANK ET-5		1
FAN-02	Fan, Centrifugal	RETURN AIR FAN F-8		1
UHT-03	Unit Heater, Cabinet	CABINET HEATER CH-32		1
DSE	Duplex Sewage Ejector	SEWAGE EJECTION PUMP #4		1
EXT	Expansion Tank	EXPANSION TANK ET-6		1
FAN-02	Fan, Centrifugal	RETURN AIR FAN F-13		1
EXT	Expansion Tank	EXPANSION TANK ET-1		1
CRAC	Computer Room A.C.1 (CRAC Unit)	Mod. # DH219WUAAEI		1
DSE	Duplex Sewage Ejector	SEWAGE EJECTION PUMP #5		1
EXT	Expansion Tank	EXPANSION TANK ET-7		1
FAN-02	Fan, Centrifugal	RETURN AIR FAN F-14		1
EXT	Expansion Tank	EXPANSION TANK ET-2		1
FAN-02	Fan, Centrifugal	MAKE-UP AIR FAN F-33		1
DSE	Duplex Sewage Ejector	SEWAGE EJECTION PUMP #6		1
EXT	Expansion Tank	EXPANSION TANK ET-8		1
FAN-02	Fan, Centrifugal	SUPPLY AIR FAN F-57		1
EXT	Expansion Tank	EXPANSION TANK ET-3		1
FAN-02	Fan, Centrifugal	MAKE-UP AIR FAN F-34		1
FAN-02	Fan, Centrifugal	SUPPLY AIR FAN F-68		1
EXT	Expansion Tank	EXPANSION TANK ET-11		1
FAN-02	Fan, Centrifugal	SUPPLY AIR FAN F-58		1
EXT	Expansion Tank	EXPANSION TANK ET-4		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
FAN-02	Fan, Centrifugal	RETURN AIR FAN F-1		1
FAN-02	Fan, Centrifugal	RETURN AIR FAN F-70		1
FAN-02	Fan, Centrifugal	SUPPLY AIR FAN F-22		1
FAN-02	Fan, Centrifugal	SUPPLY AIR FAN F-20		1
GFS	Glycol Feed System	HW GLYCOL LOOP PUMP P-21		1
FAN-02	Fan, Centrifugal	RETURN AIR FAN F-3		1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-76		1
FAN-02	Fan, Centrifugal	STAIRWELL PRESS. FAN F-27		1
FAN-02	Fan, Centrifugal	SUPPLY AIR FAN F-63		1
GFS	Glycol Feed System	HW GLYCOL LOOP PUMP P-22		1
FAN-02	Fan, Centrifugal	SUPPLY AIR FAN F-55		1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-77		1
FAN-02	Fan, Centrifugal	RETURN AIR FAN F-5		1
FAN-02	Fan, Centrifugal	STAIRWELL PRESS. FAN F-28		1
GFS	Glycol Feed System	HW GLYCOL LOOP PUMP P-23		1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-56		1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-78		1
FAN-02	Fan, Centrifugal	MAKE-UP AIR FAN F-31		1
FAN-02	Fan, Centrifugal	STAIRWELL PRESS. FAN F-29		1
GFS	Glycol Feed System	GLYCOL CIRCUIT PUMP P-28		1
FAN-02	Fan, Centrifugal	RETURN AIR FAN F-10		1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-79		1
FAN-02	Fan, Centrifugal	RETURN AIR FAN F-7		1
FAN-02	Fan, Centrifugal	MAKE-UP AIR FAN F-32		1
GFS	Glycol Feed System	GLYCOL CIRCUIT PUMP P-29		1
FAN-02	Fan, Centrifugal	RETURN AIR FAN F-11		1
HXR-01	Heat Exchanger, Flat Plate	HEAT EXCHANGER HE-4		1
PMP-09	Pump, Re-Circulation	HOT WATER CIRC. PUMP #3		1
GFS	Glycol Feed System	GLYCOL CIRCUIT PUMP P-30		1
FAN-02	Fan, Centrifugal	RETURN AIR FAN F-12		1
FLF	Filter, Fuel/Oil	FUEL OIL FILL CAP		1
KCS	Keycard System/Access Control	KEY MACHINE		1
PMP-09	Pump, Re-Circulation	HOT WATER CIRC. PUMP #4		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-65		1
TNK-04	Tank, Water	22 ICE STORAGE TANKS		1
HTP-1	Heat Pump, Air Cooled	FPO SHACK HEAT PUMP		1
PNB	Panelboard, Lighting & Appliance	LC-8B-4		1
GFS	Glycol Feed System	HW GLYCOL LOOP PUMP P-20		1
PNB	Panelboard, Lighting & Appliance	LC-6B-3		1
PNB	Panelboard, Lighting & Appliance	LC-8F-1		1
PNB	Panelboard, Lighting & Appliance	LC-8W		1
PNB	Panelboard, Lighting & Appliance	LC-6F-1		1
PMP-HW	Pump, Circulating, Hot Water	HOT WATER PUMP P-9		1
HXR-01	Heat Exchanger, Flat Plate	HEAT EXCHANGER HE-1		1
PNB	Panelboard, Lighting & Appliance	LC-8F-2		1
PNB	Panelboard, Lighting & Appliance	RC-B		1
PNB	Panelboard, Lighting & Appliance	LC-6F-2		1
PMP-07	Pump, Fuel Oil	DIESEL OIL PUMP P-16		1
LGI	Lighting, Interior	Lighting, Interior - 1x4 Wall-Mtd Wrap Fixture		10
PNB	Panelboard, Lighting & Appliance	LC-8F-3		1
PNB	Panelboard, Lighting & Appliance	RC-6E		1
PNB	Panelboard, Lighting & Appliance	LC-6F-3		1
PMP-07	Pump, Fuel Oil	DIESEL OIL PUMP P-17		1
PNB	Panelboard, Lighting & Appliance	LC-4B-2		1
PNB	Panelboard, Lighting & Appliance	LC-8F-4		1
PNB	Panelboard, Lighting & Appliance	RC-4W		1
PNB	Panelboard, Lighting & Appliance	LC-6F-4		1
PMP-07	Pump, Fuel Oil	DIESEL OIL PUMP P-18		1
PNB	Panelboard, Lighting & Appliance	LC-8F-5		1
PNB	Panelboard, Lighting & Appliance	LC-4B-3		1
PNB	Panelboard, Lighting & Appliance	RC-4E		1
PNB	Panelboard, Lighting & Appliance	LC-6F-5		1
PMP-07	Pump, Fuel Oil	DIESEL OIL PUMP P-19		1
PNB	Panelboard, Lighting & Appliance	LC-4W		1
PNB	Panelboard, Lighting & Appliance	RC-8W		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
PMP-HW	Pump, Circulating, Hot Water	HOT WATER CIRC. PUMP #1		1
PNB	Panelboard, Lighting & Appliance	LC-4E		1
PNB	Panelboard, Lighting & Appliance	LC-8B-3		1
PNB	Panelboard, Lighting & Appliance	RC-8E		1
PNB	Panelboard, Lighting & Appliance	LC-6E		1
PNB	Panelboard, Lighting & Appliance	PANEL # MCC-B-E1		1
PNB	Panelboard, Lighting & Appliance	LC-6W		1
PNB	Panelboard, Lighting & Appliance	PANEL # MCC-EM-10C1		1
PNB	Panelboard, Lighting & Appliance	PANEL # MCC-B-E2		1
PNB	Panelboard, Lighting & Appliance	LC-1E		1
TNK-01	Tank, Fuel	FUEL OIL STORAGE TANK		1
PNB	Panelboard, Lighting & Appliance	PANEL # MCC-EM-B-D1		1
PNB	Panelboard, Lighting & Appliance	PANEL# MCC-10C1		1
PNB	Panelboard, Lighting & Appliance	LC-2W		1
TNK-01	Tank, Fuel	EMER. GEN. DAY TANK #1		1
PNB	Panelboard, Lighting & Appliance	PANEL# MCC-EM-B-D2		1
PNB	Panelboard, Lighting & Appliance	PANEL# MCC-10C3		1
UHT-02	Unit Heater	UNIT HEATER UH-7		1
TNK-01	Tank, Fuel	EMER. GEN. DAY TANK #2		1
UHT-03	Unit Heater, Cabinet	CABINET HEATER CH-26		1
PNB	Panelboard, Lighting & Appliance	PANEL# MCC-10C4		1
UHT-02	Unit Heater	UNIT HEATER UH-8		1
UHT-03	Unit Heater, Cabinet	CABINET HEATER CH-20		1
PNB	Panelboard, Lighting & Appliance	PANEL# MCC-10C2		1
UHT-02	Unit Heater	UNIT HEATER UH-17		1
UHT-02	Unit Heater	UNIT HEATER UH-9		1
UHT-02	Unit Heater	UNIT HEATER UH-1		1
PNB	Panelboard, Lighting & Appliance	PANEL# MCC-B-D2		1
UHT-02	Unit Heater	UNIT HEATER UH-18		1
UHT-02	Unit Heater	UNIT HEATER UH-10		1
UHT-02	Unit Heater	UNIT HEATER UH-2		1
PNB	Panelboard, Lighting & Appliance	PANEL# MCC-B-D2		1
SMP	Sump Pump	SUMP PUMP #3		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
UHT-02	Unit Heater	UNIT HEATER UH-19		1
UHT-02	Unit Heater	UNIT HEATER UH-11		1
UHT-02	Unit Heater	UNIT HEATER UH-3		1
SMP	Sump Pump	SUMP PUMP #4		1
PNB	Panelboard, Lighting & Appliance	PANEL# MCC-B-D3		1
UHT-02	Unit Heater	UNIT HEATER UH-20		1
UHT-02	Unit Heater	UNIT HEATER UH-12		1
UHT-02	Unit Heater	UNIT HEATER UH-4		1
SWB	Switchboard, Electrical	ELECTRIC SWITCHBOARDS		1
PNB	Panelboard, Lighting & Appliance	PANEL # MCC-B-D4		1
UHT-02	Unit Heater	UNIT HEATER UH-21		1
UHT-02	Unit Heater	UNIT HEATER UH-13		1
UHT-02	Unit Heater	UNIT HEATER UH-5		1
UHT-02	Unit Heater	UNIT HEATER UH-27		1
UHT-02	Unit Heater	UNIT HEATER UH-37		1
UHT-02	Unit Heater	UNIT HEATER UH-22		1
UHT-02	Unit Heater	UNIT HEATER UH-14		1
UHT-02	Unit Heater	UNIT HEATER UH-6		1
UHT-02	Unit Heater	UNIT HEATER UH-28		1
UHT-02	Unit Heater	UNIT HEATER UH-38		1
UHT-02	Unit Heater	UNIT HEATER UH-23		1
UHT-02	Unit Heater	UNIT HEATER UH-15		1
UHT-02	Unit Heater	UNIT HEATER UH-47		1
UHT-02	Unit Heater	UNIT HEATER UH-39		1
UHT-02	Unit Heater	UNIT HEATER UH-29		1
UHT-02	Unit Heater	UNIT HEATER UH-24		1
UHT-02	Unit Heater	UNIT HEATER UH-16		1
UHT-02	Unit Heater	UNIT HEATER UH-48		1
UHT-02	Unit Heater	UNIT HEATER UH-40		1
UHT-02	Unit Heater	UNIT HEATER UH-30		1
UHT-02	Unit Heater	UNIT HEATER UH-25		1
VAV	VAV (Variable Air Volume Boxes)	61 FAN POWERED VAV BOXES		61
UHT-02	Unit Heater	UNIT HEATER UH-49		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
UHT-02	Unit Heater	UNIT HEATER UH-41		1
UHT-02	Unit Heater	UNIT HEATER UH-31		1
UHT-02	Unit Heater	UNIT HEATER UH-26		1
VAV	VAV (Variable Air Volume Boxes)	98 FAN POWERED VAV BOXES		98
UHT-02	Unit Heater	UNIT HEATER UH-50		1
UHT-02	Unit Heater	UNIT HEATER UH-42		1
UHT-02	Unit Heater	UNIT HEATER UH-32		1
VAV	VAV (Variable Air Volume Boxes)	57 FAN POWERED VAV BOXES		57
UHT-02	Unit Heater	UNIT HEATER UH-43		1
UHT-02	Unit Heater	UNIT HEATER UH-51		1
UHT-02	Unit Heater	UNIT HEATER UH-33		1
XXX	Unknown	1ST AND 2ND FLOOR ATRIUM		1
VAV	VAV (Variable Air Volume Boxes)	99 FAN POWERED VAV BOXES		99
UHT-02	Unit Heater	UNIT HEATER UH-52		1
UHT-02	Unit Heater	UNIT HEATER UH-34		1
XXX	Unknown	1ST AND 2ND FLOORS		1
VAV	VAV (Variable Air Volume Boxes)	57 FAN POWERED VAV BOXES		57
UHT-02	Unit Heater	UNIT HEATER		1
UHT-02	Unit Heater	UNIT HEATER UH-35		1
XXX	Unknown	3, 5, 7TH FLOOR ATRIUM		1
VAV	VAV (Variable Air Volume Boxes)	97 FAN POWERED VAV BOXES		97
UHT-02	Unit Heater	UNIT HEATER UH-46		1
VAV	VAV (Variable Air Volume Boxes)	9 FAN POWERED VAV BOXES		9
UHT-02	Unit Heater	UNIT HEATER UH-36		1
XXX	Unknown	3RD AND 4TH FLOORS		1
VAV	VAV (Variable Air Volume Boxes)	75 FAN POWERED VAV BOXES		75
XXX	Unknown	DOMESTIC		1
VAV	VAV (Variable Air Volume Boxes)	56 FAN POWERED VAV BOXES		56
XXX	Unknown	5TH AND 6TH FLOORS		1
VFD	Variable Frequency Drive	VFD #6		1
VAV	VAV (Variable Air Volume Boxes)	75 FAN POWERED VAV BOXES		79
WLF	Wheelchair Lift	EN BANC COURTROOM LIFT		1
WLF	Wheelchair Lift	HANDICAP LIFT		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
XXX	Unknown	SECONDARY LOOP		1
XXX	Unknown	Unknown		1
ACT	Air Curtain	AIR CURTAIN #2		1
ACU	Air Conditioner Package	LIEBERT DELUXE ACU #10	LEIBERT	1
AHU-01	Air Handling Unit, 3 ton thru 24 ton	AIR HANDLING UNIT AC-17	TRANE	1
ACU	Air Conditioner Package	LIEBERT DELUXE ACU #9		1
AHU-01	Air Handling Unit, 3 ton thru 24 ton	AIR HANDLING UNIT AC-3	TRANE	1
AHU-01	Air Handling Unit, 3 ton thru 24 ton	AIR HANDLING UNIT AC-18	TRANE	1
AHU-01	Air Handling Unit, 3 ton thru 24 ton	AIR HANDLING UNIT AC-4	TRANE	1
AHU-01	Air Handling Unit, 3 ton thru 24 ton	AIR HANDLING UNIT AC-23	TRANE	1
ACU	Air Conditioner Package	UNITS AC 16-18, 21-29		1
AHU-01	Air Handling Unit, 3 ton thru 24 ton	AIR HANDLING UNIT AC-6	TRANE	1
AHU-01	Air Handling Unit, 3 ton thru 24 ton	AIR HANDLING UNIT AC-19	TRANE	1
AHU-01	Air Handling Unit, 3 ton thru 24 ton	AIR HANDLING UNIT AC-27	TRANE	1
AHU-01	Air Handling Unit, 3 ton thru 24 ton	AIR HANDLING UNIT AC-21	TRANE	1
AHU-01	Air Handling Unit, 3 ton thru 24 ton	AIR HANDLING UNIT AC-8	TRANE	1
AHU-01	Air Handling Unit, 3 ton thru 24 ton	AIR HANDLING UNIT AC-20	TRANE	1
AHU-01	Air Handling Unit, 3 ton thru 24 ton	AIR HANDLING UNIT AC-28	TRANE	1
AHU-01	Air Handling Unit, 3 ton thru 24 ton	AIR HANDLING UNIT AC-22	TRANE	1
AHU-01	Air Handling Unit, 3 ton thru 24 ton	AIR HANDLING UNIT AC-9	TRANE	1
ACT	Air Curtain	AIR CURTAIN UNIT		1
AHU-01	Air Handling Unit, 3 ton thru 24 ton	AIR HANDLING UNIT AC-30	TRANE	1
AHU-01	Air Handling Unit, 3 ton thru 24 ton	AIR HANDLING UNIT AC-29	TRANE	1
AHU-01	Air Handling Unit, 3 ton thru 24 ton	AIR HANDLING UNIT AC-26	TRANE	1
AHU-01	Air Handling Unit, 3 ton thru 24 ton	AIR HANDLING UNIT AC-10	TRANE	1
ACT	Air Curtain	AIR CURTAIN #1		1
AHU-01	Air Handling Unit, 3 ton thru 24 ton	AIR HANDLING UNIT AC-31	TRANE	1
AHU-01	Air Handling Unit, 3 ton thru 24 ton	AIR HANDLING UNIT AC-24	TRANE	1
AHU-01	Air Handling Unit, 3 ton thru 24 ton	AIR HANDLING UNIT AC-16	TRANE	1
AHU-01	Air Handling Unit, 3 ton thru 24 ton	AIR HANDLING UNIT AC-12	TRANE	1
CHL-CW1	Chiller, Centrifugal, water cooled, up to 100 tons	REFRIGERATION MACHINE #1A	FILTRINE	1
AHU-01	Air Handling Unit, 3 ton thru 24 ton	AIR HANDLING UNIT AC-25	TRANE	1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 1x3 Wall-Mtd Wrap Fixture		30
AHU-01	Air Handling Unit, 3 ton thru 24 ton	AIR HANDLING UNIT AC-33	TRANE	1
AHU-01	Air Handling Unit, 3 ton thru 24 ton	AIR HANDLING UNIT AC-13	TRANE	1
CHL-CW1	Chiller, Centrifugal, water cooled, up to 100 tons	REFRIGERATION MACHINE #1B	FILTRINE	1
AHU-01	Air Handling Unit, 3 ton thru 24 ton	AIR HANDLING UNIT AC-1	TRANE	1
UHT-03	Unit Heater, Cabinet	CABINET HEATER CH-35		1
AHU-01	Air Handling Unit, 3 ton thru 24 ton	AIR HANDLING UNIT AC-14	TRANE	1
AHU-01	Air Handling Unit, 3 ton thru 24 ton	AIR HANDLING UNIT AC-34	TRANE	1
UHT-03	Unit Heater, Cabinet	CABINET HEATER CH-1		1
AHU-01	Air Handling Unit, 3 ton thru 24 ton	AIR HANDLING UNIT AC-2	TRANE	1
UHT-03	Unit Heater, Cabinet	CABINET HEATER CH-36		1
AHU-01	Air Handling Unit, 3 ton thru 24 ton	AIR HANDLING UNIT AC-15	TRANE	1
AHU-01	Air Handling Unit, 3 ton thru 24 ton	AIR HANDLING UNIT AC-35	TRANE	1
UHT-03	Unit Heater, Cabinet	CABINET HEATER CH-6		1
EPB	Panelboard, Power Distribution	MAIN CB FEEDING LC-10		1
UHT-03	Unit Heater, Cabinet	CABINET HEATER CH-37		1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-105	GREENHECK	1
BLR-HW1	Boiler, Hot Water, Oil/Gas/Comb, up to 120 MBH	BOILER #1	CLEAVER BROOKS	1
UHT-03	Unit Heater, Cabinet	CABINET HEATER CH-13		1
UHT-03	Unit Heater, Cabinet	CABINET HEATER CH-38		1
EXT	Expansion Tank	EXPANSION TANK ET-9		1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-106	AEROVENT	1
BLR-HW1	Boiler, Hot Water, Oil/Gas/Comb, up to 120 MBH	BOILER #2	CLEAVER BROOKS	1
UHT-03	Unit Heater, Cabinet	CABINET HEATER CH-22		1
DOR	Exterior Doors	Door		1
EXT	Expansion Tank	EXPANSION TANK ET-10		1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-107		1
FAN-02	Fan, Centrifugal	RETURN AIR FAN F-45		1
UHT-03	Unit Heater, Cabinet	CABINET HEATER CH-25		1
EMG-01	Emergency Diesel Generator	EMERGENCY GENERATOR #1	CATERPILLAR	1
FAN-02	Fan, Centrifugal	SUPPLY AIR FAN F-97	GREENHECK	1
FAN-02	Fan, Centrifugal	RETURN AIR FAN F-47	AEROVENT	1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		2
UHT-03	Unit Heater, Cabinet	CABINET HEATER CH-29		1
EMG-01	Emergency Diesel Generator	EMERGENCY GENERATOR #2	CATERPILLAR	1
FAN-02	Fan, Centrifugal	SUPPLY AIR FAN F-98		1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-114		1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-49	GREENHECK	1
UHT-03	Unit Heater, Cabinet	CABINET HEATER CH-30		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-115		1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-50		1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-100	GREENHECK	1
UHT-03	Unit Heater, Cabinet	CABINET HEATER CH-33		1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-51	GREENHECK	1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-122	GREENHECK	1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-101	GREENHECK	1
FAN-02	Fan, Centrifugal	RETURN AIR FAN F-43	GREENHECK	1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-86	AEROVENT	1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-23		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
FAN-02	Fan, Centrifugal	RETURN AIR FAN F-44		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-88	GREENHECK	1
FAN-02	Fan, Centrifugal	RETURN AIR FAN F-40		1
PNB	Panelboard, Lighting & Appliance	PNB		1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-110	GREENHECK	1
PNB	Panelboard, Lighting & Appliance	PNB		1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-87	GREENHECK	1
FAN-02	Fan, Centrifugal	RETURN AIR FAN F-41		1
PNB	Panelboard, Lighting & Appliance	PNB		1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-111	GREENHECK	1
PNB	Panelboard, Lighting & Appliance	PNB		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-89	GREENHECK	1
FAN-02	Fan, Centrifugal	SUPPLY AIR FAN F-53		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	LC-2E		1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-112	GREENHECK	1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-54		1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-92	GREENHECK	1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-113	GREENHECK	1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
FAN-02	Fan, Centrifugal	STAIRWELL PRESS. FAN F-30		1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-59	GREENHECK	1
FAN-02	Fan, Centrifugal	SUPPLY AIR FAN F-15	AEROVENT	1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-117		1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-72		1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-60	GREENHECK	1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-16		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
FAN-02	Fan, Centrifugal	SUPPLY AIR FAN F-125	GREENHECK	1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-73		1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-61		1
FAN-02	Fan, Centrifugal	SUPPLY AIR FAN F-17		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-126	GREENHECK	1
FAN-02	Fan, Centrifugal	MAKE-UP AIR FAN F-35		1
FAN-02	Fan, Centrifugal	SUPPLY AIR FAN F-62	GREENHECK	1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-18		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-74	GREENHECK	1
FAN-02	Fan, Centrifugal	SUPPLY AIR FAN F-64	GREENHECK	1
FAN-02	Fan, Centrifugal	SUPPLY AIR FAN F-19		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-123		1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-69		1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-75		1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-24		1
FAN-02	Fan, Centrifugal	SUPPLY AIR FAN F-21	AEROVENT	1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-124	GREENHECK	1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-71		1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-81	AEROVENT	1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-66	GREENHECK	1
FAN-02	Fan, Centrifugal	MAKE-UP AIR FAN F-36	AEROVENT	1
FAN-02	Fan, Centrifugal	SUPPLY AIR FAN F-127	GREENHECK	1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-80		1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-82	GREENHECK	1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-67	GREENHECK	1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-128		1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-83	GREENHECK	1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-84		1
HTP-1	Heat Pump, Air Cooled	HEAT PUMP #4		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
FAN-02	Fan, Centrifugal	RETURN AIR FAN F-48		1
FAN-02	Fan, Centrifugal	SUPPLY AIR FAN F-104		1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-85		1
HTP-1	Heat Pump, Air Cooled	HEAT PUMP #6		1
HTP-1	Heat Pump, Air Cooled	HEAT PUMP #50		1
FAN-02	Fan, Centrifugal	RETURN AIR FAN F-2	GREENHECK	1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-116		1
HTP-1	Heat Pump, Air Cooled	HEAT PUMP #15		1
HTP-1	Heat Pump, Air Cooled	HEAT PUMP #7		1
HTP-1	Heat Pump, Air Cooled	HEAT PUMP #43	TRANE	1
FAN-02	Fan, Centrifugal	RETURN AIR FAN F-4	GREENHECK	1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
HTP-1	Heat Pump, Air Cooled	HEAT PUMP #16		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
HTP-1	Heat Pump, Air Cooled	HEAT PUMP #8		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
FAN-02	Fan, Centrifugal	RETURN AIR FAN F-6	AEROVENT	1
HTP-1	Heat Pump, Air Cooled	HEAT PUMP #17		1
HTP-1	Heat Pump, Air Cooled	HEAT PUMP #9		1
FAN-02	Fan, Centrifugal	RETURN AIR FAN F-9	AEROVENT	1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
GFS	Glycol Feed System	HW GLYCOL LOOP PUMP P-24		1
HTP-1	Heat Pump, Air Cooled	HEAT PUMP #18		1
HTP-1	Heat Pump, Air Cooled	HEAT PUMP #10		1
FAN-02	Fan, Centrifugal	STAIRWELL PRESS. FAN F-52		1
GFS	Glycol Feed System	HW GLYCOL LOOP PUMP P-25		1
HTP-1	Heat Pump, Air Cooled	HEAT PUMP #21		1
HTP-1	Heat Pump, Air Cooled	HEAT PUMP #19	TRANE	1
HTP-1	Heat Pump, Air Cooled	HEAT PUMP #11		1
HTP-1	Heat Pump, Air Cooled	HEAT PUMP #27		1
HTP-1	Heat Pump, Air Cooled	HEAT PUMP #37		1
HTP-1	Heat Pump, Air Cooled	HEAT PUMP #22		1
HTP-1	Heat Pump, Air Cooled	HEAT PUMP #20	TRANE	1
HTP-1	Heat Pump, Air Cooled	HEAT PUMP #12		1
HTP-1	Heat Pump, Air Cooled	HEAT PUMP #28		1
HTP-1	Heat Pump, Air Cooled	HEAT PUMP #23		1
HTP-1	Heat Pump, Air Cooled	HEAT PUMP #5		1
HTP-1	Heat Pump, Air Cooled	HEAT PUMP #38		1
HTP-1	Heat Pump, Air Cooled	HEAT PUMP #13		1
HTP-1	Heat Pump, Air Cooled	HEAT PUMP #29		1
HTP-1	Heat Pump, Air Cooled	HEAT PUMP #39		1
HTP-1	Heat Pump, Air Cooled	HEAT PUMP #3		1
HTP-1	Heat Pump, Air Cooled	HEAT PUMP #24		1
HTP-1	Heat Pump, Air Cooled	HEAT PUMP #14		1
HTP-1	Heat Pump, Air Cooled	HEAT PUMP #30		1
HTP-1	Heat Pump, Air Cooled	HEAT PUMP #48		1
HTP-1	Heat Pump, Air Cooled	HEAT PUMP #25		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
HTP-1	Heat Pump, Air Cooled	HEAT PUMP #40		1
HXR-01	Heat Exchanger, Flat Plate	HEAT EXCHANGER HX-3		1
HTP-1	Heat Pump, Air Cooled	HEAT PUMP #49		1
HTP-1	Heat Pump, Air Cooled	HEAT PUMP #26		1
HTP-1	Heat Pump, Air Cooled	HEAT PUMP #41		1
HXR-01	Heat Exchanger, Flat Plate	HEAT EXCHANGER HX-4		1
HTP-1	Heat Pump, Air Cooled	HEAT PUMP #32		1
HUM	Humidifier, Evaporative Pan w/ Heating Coil	DESERT AIRE DEHUMIDIFIER		1
PMP	Pump	DOMESTIC WTR BOOSTER PUMP	CANARIIS	1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
HXR-01	Heat Exchanger, Flat Plate	HEAT EXCHANGER HX-5		1
HTP-1	Heat Pump, Air Cooled	HEAT PUMP #33		1
HTP-1	Heat Pump, Air Cooled	HEAT PUMP #44		1
PMP-02	Pump, Chilled Water	CHILLED WATER PUMP P-7	PACO	1
HXR-01	Heat Exchanger, Flat Plate	HEAT EXCHANGER HE-5	TACO	1
HTP-1	Heat Pump, Air Cooled	HEAT PUMP #34		1
PMP-02	Pump, Chilled Water	CHILLED WATER PUMP P-8	PACO	1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
HXR-01	Heat Exchanger, Flat Plate	HEAT EXCHANGER HE-6	TACO	1
HTP-1	Heat Pump, Air Cooled	HEAT PUMP #35		1
HUM	Humidifier, Evaporative Pan w/ Heating Coil	Desert Aire Dehumidifier		1
PMP-06	Pump, Condenser	CONDENSER WATER PUMP P-1	PACO	1
HTP-1	Heat Pump, Air Cooled	HEAT PUMP #46		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
HTP-1	Heat Pump, Air Cooled	HEAT PUMP #36		1
HXR-01	Heat Exchanger, Flat Plate	HEAT EXCHANGER HE-2	TACO	1
HTP-1	Heat Pump, Air Cooled	HEAT PUMP #47		1
PMP-06	Pump, Condenser	CONDENSER WATER PUMP P-2	PACO	1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PMP-06	Pump, Condenser	SEC. COND.WATER PUMP P-13	PACO	1
PMP-06	Pump, Condenser	CONDENSER WATER PUMP P-3	PACO	1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
HXR-01	Heat Exchanger, Flat Plate	HEAT EXCHANGER HE-3	TACO	1
PMP	Pump	HOT WATER PUMP P-10	PACO	1
PMP-06	Pump, Condenser	CONDENSER WATER PUMP P-4	PACO	1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PMP	Pump	HOT WATER PUMP P-11	PACO	1
PMP-06	Pump, Condenser	SEC. COND.WATER PUMP P-14	PACO	1
HXR-01	Heat Exchanger, Flat Plate	HEAT EXCHANGER HX-1	SUPER CHANGER	1
PMP-06	Pump, Condenser	CONDENSER WATER PUMP P-5	PACO	1
PMP-06	Pump, Condenser	SEC. COND.WATER PUMP P-15	PACO	1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
HXR-01	Heat Exchanger, Flat Plate	HEAT EXCHANGER HX-2	SUPER CHANGER	1
PMP-06	Pump, Condenser	CONDENSER WATER PUMP P-6	PACO	1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PMP-06	Pump, Condenser	SEC. COND.WATER PUMP P-12	PACO	1
PNB	Panelboard, Lighting & Appliance	APH-I-8A1 CHLOR. PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	APH-I-8A2 CHLOR. PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	AP-I-8A2C CHLOR. PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	APL-I-8B1-C		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	APH-I-8B2 CHLOR. PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	LC-8E		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	LC-8B-1		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	LC-8B-2		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREKAER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	PNB		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREKAE R PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	APH-I-4B1		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKRE PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BRAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	LC-4B-1		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	APL-I-4B1-C CHLOR PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCIUT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCIUT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BRESKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	APH-I-B-B1		1
PNB	Panelboard, Lighting & Appliance	APH-I-6B1 CHLOR. PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCIUT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	APH-I-B-B2 CHLOR. PANEL		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
PNB	Panelboard, Lighting & Appliance	APH-I-6B2		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCIUT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	APH-I-10B2 CHLOR. PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	PNB		1
PNB	Panelboard, Lighting & Appliance	APH-I-8B1 CHLOR. PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	LC-4B-3		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	LC-4B-4		1
PNB	Panelboard, Lighting & Appliance	CIRCIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	LC-4F-1		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	LC-4F-2		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	LC-4F-4		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	LC-4F-3		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	LC-4F-5		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	APL-I-2A1		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	PNB		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	LC-4B-2		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	APH-I-4A2		1
HTP-1	Heat Pump, Air Cooled	HEAT PUMP #45		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCIUT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	APL-I-4A2-C CHLOR PANEL		1
UHT-03	Unit Heater, Cabinet	CABINET HEATER CH-34		1
PNB	Panelboard, Lighting & Appliance	RC-2E		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
UHT-02	Unit Heater	UNIT HEATER UH-68		1
PNB	Panelboard, Lighting & Appliance	RC-6W		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
UHT-02	Unit Heater	UNIT HEATER UH-70		1
UHT-02	Unit Heater	UNIT HEATER UH-71		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCIUT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	APH-I-4B2 CHLOR. PANEL		1
PNB	Panelboard, Lighting & Appliance	APL-I-8B1C CHLOR. PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUITBREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	LC-6B-2		1
PNB	Panelboard, Lighting & Appliance	CIRCIUT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	APH-I-6A1		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-108	GREENHECK	1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-99	GREENHECK	1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	APH-I-6A2		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-26	GREENHECK	1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-102	GREENHECK	1
PNB	Panelboard, Lighting & Appliance	APH-I-6A2C CHLOR. PANEL		1
FAN-02	Fan, Centrifugal	RETURN AIR FAN F-37		1
PNB	Panelboard, Lighting & Appliance	APH-I-4A1 CHLOR. PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	LC-6B-4		1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-103	GREENHECK	1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
FAN-02	Fan, Centrifugal	RETURN AIR FAN F-38	AEROVENT	1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-118	GREENHECK	1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
FAN-02	Fan, Centrifugal	RETURN AIR FAN F-39		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-119		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
FAN-02	Fan, Centrifugal	RETURN AIR FAN F-42		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-120	GREENHECK	1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCIUT BREAKER PANEL		1
FAN-02	Fan, Centrifugal	RETURN AIR FAN F-46	AEROVENT	1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-90		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCIUT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
SMP	Sump Pump	SUMP PUMP #2		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
UHT-03	Unit Heater, Cabinet	CABINET HEATER CH-7		1
UHT-02	Unit Heater	UNIT HEATER UH-56		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
UHT-02	Unit Heater	UNIT HEATER UH-66		1
UHT-02	Unit Heater	UNIT HEATER UH-57		1
UHT-03	Unit Heater, Cabinet	CABINET HEATER CH-8		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
UHT-02	Unit Heater	UNIT HEATER UH-67		1
UHT-03	Unit Heater, Cabinet	CABINET HEATER CH-9		1
UHT-02	Unit Heater	UNIT HEATER UH-58		1
UHT-02	Unit Heater	UNIT HEATER UH-76		1
PNB	Panelboard, Lighting & Appliance	AP-I-2B2 CHLOR PANEL		1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-91		1
UHT-03	Unit Heater, Cabinet	CABINET HEATER CH-10		1
UHT-02	Unit Heater	UNIT HEATER UH-59		1
UHT-02	Unit Heater	UNIT HEATER UH-77		1
SMP	Sump Pump	SUMP PUMP #1		1
UHT-02	Unit Heater	UNIT HEATER UH-69		1
UHT-03	Unit Heater, Cabinet	CABINET HEATER CH-11		1
UHT-02	Unit Heater	UNIT HEATER UH-60		1
UHT-02	Unit Heater	UNIT HEATER UH-78		1
FAN-02	Fan, Centrifugal	SUPPLY AIR FAN F-96	GREENHECK	1
UHT-03	Unit Heater, Cabinet	CABINET HEATER CH-14		1
UHT-02	Unit Heater	UNIT HEATER UH-79		1
UHT-02	Unit Heater	UNIT HEATER UH-61		1
UHT-02	Unit Heater	UNIT HEATER # 3		1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-109	GREENHECK	1
UHT-02	Unit Heater	UNIT HEATER UH-53		1
UHT-02	Unit Heater	UNIT HEATER UH-62		1
UHT-02	Unit Heater	UNIT HEATER # 4		1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-25	GREENHECK	1
UHT-02	Unit Heater	UNIT HEATER UH-54		1
UHT-02	Unit Heater	UNIT HEATER UH-63		1
UHT-02	Unit Heater	UNIT HEATER #4		1
UHT-02	Unit Heater	UNIT HEATER UH-73		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
UHT-02	Unit Heater	UNIT HEATER UH-55		1
UHT-02	Unit Heater	UNIT HEATER #82		1
VAV	VAV (Variable Air Volume Boxes)	45 FAN POWERED VAV BOXES		45
UHT-02	Unit Heater	UNIT HEATER UH-74		1
VFD	Variable Frequency Drive	VFD#32	ABB	1
UHT-02	Unit Heater	UNIT HEATER #83		1
VFD	Variable Frequency Drive	VFD#23	ABB	1
UHT-02	Unit Heater	UNIT HEATER UH-75		1
UHT-02	Unit Heater	UNIT HEATER #84		1
VFD	Variable Frequency Drive	VFD#13	ABB	1
VFD	Variable Frequency Drive	VFD#24	ABB	1
VFD	Variable Frequency Drive	VFD#3	ABB	1
UHT-02	Unit Heater	UNIT HEATER #85		1
VFD	Variable Frequency Drive	VFD#14	ABB	1
VFD	Variable Frequency Drive	VFD#30	ABB	1
VFD	Variable Frequency Drive	VFD#5	ABB	1
VFD	Variable Frequency Drive	VFD#25	ABB	1
VFD	Variable Frequency Drive	VFD#15	ABB	1
VFD	Variable Frequency Drive	VFD #39	ABB	1
GFS	Glycol Feed System	HW GLYCOL LOOP PUMP P-26		1
GFS	Glycol Feed System	HW GLYCOL LOOP PUMP P-27		1
VFD	Variable Frequency Drive	VFD#29	ABB	1
VFD	Variable Frequency Drive	VFD#16	ABB	1
VFD	Variable Frequency Drive	VFD#40	ABB	1
FAN-02	Fan, Centrifugal	EXHAUST AIR FAN F-121		1
HTP-1	Heat Pump, Air Cooled	HEAT PUMP #1	TRANE	1
VFD	Variable Frequency Drive	VFD#31	DANFOSS	1
VFD	Variable Frequency Drive	VFD #1		1
VFD	Variable Frequency Drive	VFD#17	ABB	1
VFD	Variable Frequency Drive	VFD#33	ABB	1
HTP-1	Heat Pump, Air Cooled	HEAT PUMP #2		1
VFD	Variable Frequency Drive	VFD#27		1
VFD	Variable Frequency Drive	VFD#7		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
VFD	Variable Frequency Drive	VFD#18	ABB	1
VFD	Variable Frequency Drive	VFD#34	ABB	1
HTP-1	Heat Pump, Air Cooled	HEAT PUMP #42		1
VFD	Variable Frequency Drive	VFD#28		1
VFD	Variable Frequency Drive	VFD#8		1
VFD	Variable Frequency Drive	VFD#19	ABB	1
VFD	Variable Frequency Drive	VFD#35	ABB	1
HXR-01	Heat Exchanger, Flat Plate	HEAT EXCHANGER HE-7	TACO	1
VFD	Variable Frequency Drive	VFD#41		1
VFD	Variable Frequency Drive	VFD#9		1
VFD	Variable Frequency Drive	VFD#20	ABB	1
VFD	Variable Frequency Drive	VFD#36	ABB	1
HXR-01	Heat Exchanger, Flat Plate	HEAT EXCHANGER HE-8	TACO	1
VFD	Variable Frequency Drive	VFD#10		1
VFD	Variable Frequency Drive	VFD#21	ABB	1
VFD	Variable Frequency Drive	VFD#37	ABB	1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
VFD	Variable Frequency Drive	VFD#52		1
VFD	Variable Frequency Drive	VFD#11		1
VFD	Variable Frequency Drive	VFD#38	ABB	1
VFD	Variable Frequency Drive	VFD#58		1
VFD	Variable Frequency Drive	VFD#53		1
VFD	Variable Frequency Drive	VFD#2	ABB	1
VFD	Variable Frequency Drive	VFD#12		1
VFD	Variable Frequency Drive	VFD#59		1
VFD	Variable Frequency Drive	VFD#26		1
VFD	Variable Frequency Drive	VFD#60		1
WHT-01	Water Heater, Electric	PVI#3B		1
VFD	Variable Frequency Drive	VFD#55- Pump 9		1
XXX	Unknown	Unknown		1
WHT-01	Water Heater, Electric	PVI#2A		1
VFD	Variable Frequency Drive	VFD#56 - Pump 10		1
WHT-01	Water Heater, Electric	PVI#2B		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LCP	Lighting Control Panel	LC-6B-1		1
WHT-01	Water Heater, Electric	PVI#1A		1
XXX	Unknown	RC-1E		1
WHT-01	Water Heater, Electric	PVI#1B		1
LCP	Lighting Control Panel	LC-1W		1
FUR	Furniture	COURTROOM RAMP/RAILING		13
CHL-CW2	Chiller, Centrifugal, water cooled, over 100 tons	CHILLED WATER SYSTEMS, CHILLERS, CENTRIFUGAL TYPE WATER CHILLER, LIQUID CHILLER, WATER COOLED, OVER 2000 TONS	YORK	1
FNG	Fences and Gates	FNG		7
PNB	Panelboard, Lighting & Appliance	PNB		1
PNB	Panelboard, Lighting & Appliance	PNB		1
PNB	Panelboard, Lighting & Appliance	PNB		1
VFD	Variable Frequency Drive	VFD #44	ABB	1
PNB	Panelboard, Lighting & Appliance	PNB		1
PNB	Panelboard, Lighting & Appliance	PNB		1
PNB	Panelboard, Lighting & Appliance	PNB		1
PNB	Panelboard, Lighting & Appliance	PNB		1
PNB	Panelboard, Lighting & Appliance	PNB		1
PNB	Panelboard, Lighting & Appliance	PNB		1
RFS	Roof System and Drains	RFS - Roof Drains		30
RFS	Roof System and Drains	RFS - Roof Drains		19
RFS	Roof System and Drains	RFS - Roof Drains		3
RFS	Roof System and Drains	RFS - Roof Drains		12
RFS	Roof System and Drains	RFS		1
RFS	Roof System and Drains	RFS		1
LPS	Lightning Protection System	LPS		155
DFS	Diffuser-Linear and Lay in	DFS		1
APL	Appliance - Washer Dryer Etc	APL		1
DOR	Exterior Doors	DOOR		24
FLT	Filter, Air	FLT		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
DCT	Switch, Disconnect	DCT		1
PNB	Panelboard, Lighting & Appliance	PNB		1
PNB	Panelboard, Lighting & Appliance	PNB		1
LGE	Lighting, Exterior	LGE		24
PNB	Panelboard, Lighting & Appliance	PNB		1
ACC	Condenser, Air-Cooled	ACC		1
ACC	Condenser, Air-Cooled	ACC		1
ACC	Condenser, Air-Cooled	ACC		1
ACC	Condenser, Air-Cooled	ACC		1
ACC	Condenser, Air-Cooled	ACC		1
ACC	Condenser, Air-Cooled	ACC		1
ACC	Condenser, Air-Cooled	ACC		1
ACC	Condenser, Air-Cooled	ACC		1
PNB	Panelboard, Lighting & Appliance	PNB		1
PNB	Panelboard, Lighting & Appliance	PNB		1
PNB	Panelboard, Lighting & Appliance	PNB		1
PNB	Panelboard, Lighting & Appliance	PNB		1
VFD	Variable Frequency Drive	VFD#42	ABB	1
PNB	Panelboard, Lighting & Appliance	PNB		1
VFD	Variable Frequency Drive	VFD#43 AC #17S	ABB	1
PNB	Panelboard, Lighting & Appliance	PNB		1
PNB	Panelboard, Lighting & Appliance	PNB		1
PNB	Panelboard, Lighting & Appliance	PNB		1
PNB	Panelboard, Lighting & Appliance	PNB		1
PNB	Panelboard, Lighting & Appliance	PNB		1
PNB	Panelboard, Lighting & Appliance	PNB		1
PNB	Panelboard, Lighting & Appliance	PNB		1
PNB	Panelboard, Lighting & Appliance	PNB		1
PNB	Panelboard, Lighting & Appliance	PNB		1
PNB	Panelboard, Lighting & Appliance	PNB		1
PNB	Panelboard, Lighting & Appliance	PNB		1
PNB	Panelboard, Lighting & Appliance	PNB		1
PNB	Panelboard, Lighting & Appliance	PNB		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
VFD	Variable Frequency Drive	VFD#45	ABB	1
PNB	Panelboard, Lighting & Appliance	PNB		1
PNB	Panelboard, Lighting & Appliance	PNB		1
PNB	Panelboard, Lighting & Appliance	PNB		1
PNB	Panelboard, Lighting & Appliance	PNB		1
VFD	Variable Frequency Drive	VFD#46	ABB	1
PNB	Panelboard, Lighting & Appliance	PNB		1
VFD	Variable Frequency Drive	VFD#47 Fan #37	ABB	1
PNB	Panelboard, Lighting & Appliance	PNB		1
PNB	Panelboard, Lighting & Appliance	PNB		1
PNB	Panelboard, Lighting & Appliance	PNB		1
PNB	Panelboard, Lighting & Appliance	PNB		1
PNB	Panelboard, Lighting & Appliance	PNB		1
PNB	Panelboard, Lighting & Appliance	PNB		1
VFD	Variable Frequency Drive	VFD#48	ABB	1
PNB	Panelboard, Lighting & Appliance	PNB		1
PNB	Panelboard, Lighting & Appliance	PNB		1
PNB	Panelboard, Lighting & Appliance	PNB		1
PNB	Panelboard, Lighting & Appliance	PNB		1
PNB	Panelboard, Lighting & Appliance	PNB		1
PNB	Panelboard, Lighting & Appliance	PNB		1
VFD	Variable Frequency Drive	VFD	DANFOSS	1
VFD	Variable Frequency Drive	VFD	DANFOSS	1
VFD	Variable Frequency Drive	VFD	DANFOSS	1
VFD	Variable Frequency Drive	VFD	DANFOSS	1
VFD	Variable Frequency Drive	VFD#49 AC # 27 US Atty.	ABB	1
VFD	Variable Frequency Drive	VFD#50 (Ret.AC # 27)	ABB	1
VFD	Variable Frequency Drive	VFD	DANFOSS	1
VFD	Variable Frequency Drive	VFD	DANFOSS	1
VFD	Variable Frequency Drive	VFD		1
VFD	Variable Frequency Drive	VFD	SIEMENS	1
VFD	Variable Frequency Drive	VFD	SIEMENS	1
VFD	Variable Frequency Drive	VFD	SIEMENS	1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
VFD	Variable Frequency Drive	VFD		1
VFD	Variable Frequency Drive	VFD	DANFOSS	1
VFD	Variable Frequency Drive	VFD	DANFOSS	1
VFD	Variable Frequency Drive	VFD		1
VFD	Variable Frequency Drive	VFD		1
VFD	Variable Frequency Drive	VFD		1
VFD	Variable Frequency Drive	VFD		1
VAV	VAV (Variable Air Volume Boxes)	VAV		33
VAV	VAV (Variable Air Volume Boxes)	VAV		29
PMP-HW	Pump, Circulating, Hot Water	PMP-HW		1
PMP-HW	Pump, Circulating, Hot Water	PMP-HW		1
PMP-HW	Pump, Circulating, Hot Water	PMP-HW		1
PMP-HW	Pump, Circulating, Hot Water	PMP-HW		1
PMP-HW	Pump, Circulating, Hot Water	PMP-HW		1
PMP-HW	Pump, Circulating, Hot Water	PMP-HW		1
FAN-02	Fan, Centrifugal	FAN-02		1
FAN-02	Fan, Centrifugal	FAN-02		1
FAN-02	Fan, Centrifugal	FAN-02		1
ACC	Condenser, Air-Cooled	ACC		1
ACC	Condenser, Air-Cooled	ACC		1
ACC	Condenser, Air-Cooled	ACC		1
ACC	Condenser, Air-Cooled	ACC		1
ACC	Condenser, Air-Cooled	ACC		1
ACC	Condenser, Air-Cooled	ACC		1
VFD	Variable Frequency Drive	VFD		1
VFD	Variable Frequency Drive	VFD		1
ACC	Condenser, Air-Cooled	ACC		1
ACC	Condenser, Air-Cooled	ACC		1
ACC	Condenser, Air-Cooled	ACC		1
ACC	Condenser, Air-Cooled	ACC		1
ACC	Condenser, Air-Cooled	ACC		1
ACC	Condenser, Air-Cooled	ACC		1
ACC	Condenser, Air-Cooled	ACC		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
HXR-01	Heat Exchanger, Flat Plate	HXR-01	ALFA LAVAL	1
ASP	Air Seperator	ASP	TECO	1
EXT	Expansion Tank	EXT		1
PMP-02	Pump, Chilled Water	PMP-02	TACO	1
PMP-02	Pump, Chilled Water	PMP-02	TACO	1
PMP-02	Pump, Chilled Water	PMP-02	TACO	1
PMP-02	Pump, Chilled Water	PMP-02	TACO	1
PMP-02	Pump, Chilled Water	PMP-02	TACO	1
PMP-02	Pump, Chilled Water	PMP-02	TACO	1
PMP-02	Pump, Chilled Water	PMP-02	TACO	1
ACC	Condenser, Air-Cooled	ACC		1
ACC	Condenser, Air-Cooled	ACC		1
PMP-02	Pump, Chilled Water	PMP-02	TACO	1
PMP-02	Pump, Chilled Water	PMP-02	TACO	1
PMP-02	Pump, Chilled Water	PMP-02	TACO	1
PMP	Pump	PMP	TACO	1
PMP-02	Pump, Chilled Water	PMP-02	TACO	1
PMP-02	Pump, Chilled Water	PMP-02	TACO	1
PMP	Pump	PMP	TACO	1
PMP	Pump	PMP	TACO	1
PMP	Pump	PMP	TACO	1
PMP	Pump	PMP	TACO	1
PMP-03	Pump, Condensate	PMP-03		1
PMP-03	Pump, Condensate	PMP-03		1
PMP-03	Pump, Condensate	PMP-03		1
PMP-03	Pump, Condensate	PMP-03		1
VFD	Variable Frequency Drive	VFD		1
VFD	Variable Frequency Drive	VFD		1
VFD	Variable Frequency Drive	VFD		1
VFD	Variable Frequency Drive	VFD		1
EQP-01	#N/A	Baby Changing Station		1
EQP-01	#N/A	Baby Changing Station		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
BAS-01	Building Automation System, DDC	BAS Controller AMERICAN AUTO-MATRIX	MITSUBISHI ELECTR	1
BAS-01	Building Automation System, DDC	BAS Controller AMERICAN AUTO-MATRIX	MITSUBISHI ELECTR	1
BAS-01	Building Automation System, DDC	BAS Controller AMERICAN AUTO-MATRIX	MITSUBISHI ELECTR	1
BAS-01	Building Automation System, DDC	BAS Controller AMERICAN AUTO-MATRIX	MITSUBISHI ELECTR	1
BAS-01	Building Automation System, DDC	BAS Controller AMERICAN AUTO-MATRIX	MITSUBISHI ELECTR	1
BAS-01	Building Automation System, DDC	BAS Controller AMERICAN AUTO-MATRIX	MITSUBISHI ELECTR	1
BAS-01	Building Automation System, DDC	BAS Controller AMERICAN AUTO-MATRIX		1
BAS-01	Building Automation System, DDC	BAS Controller AMERICAN AUTO-MATRIX		1
BAS-01	Building Automation System, DDC	BAS Controller AMERICAN AUTO-MATRIX		1
BAS-01	Building Automation System, DDC	BAS Controller AMERICAN AUTO-MATRIX		1
BAS-01	Building Automation System, DDC	BAS Controller AMERICAN AUTO-MATRIX		1
BAS-01	Building Automation System, DDC	BAS Controller AMERICAN AUTO-MATRIX	TRANE	1
BAS-01	Building Automation System, DDC	BAS Controller AMERICAN AUTO-MATRIX	TRANE	1
EQP-01	#N/A	Baby Changing Station		2
EQP-01	#N/A	Baby Changing Station		2
DTT	Transformer, Dry	Transformer, Dry		12
DTT	Transformer, Dry	Transformer, Dry		5
DTT	Transformer, Dry	Transformer, Dry		5
DTT	Transformer, Dry	Transformer, Dry		1
DTT	Transformer, Dry	Transformer, Dry		14

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
DTT	Transformer, Dry	Transformer, Dry		1
DTT	Transformer, Dry	Transformer, Dry		14
DTT	Transformer, Dry	Transformer, Dry		1
DTT	Transformer, Dry	Transformer, Dry		14
DTT	Transformer, Dry	Transformer, Dry		4
DTT	Transformer, Dry	Transformer, Dry		5
DCT	Switch, Disconnect	Switch, Disconnect		19
DCT	Switch, Disconnect	Switch, Disconnect		8
DCT	Switch, Disconnect	Switch, Disconnect		4
DCT	Switch, Disconnect	Switch, Disconnect		6
DCT	Switch, Disconnect	Switch, Disconnect		6
DCT	Switch, Disconnect	Switch, Disconnect		6
DCT	Switch, Disconnect	Switch, Disconnect		6
DCT	Switch, Disconnect	Switch, Disconnect		28
MCC	Motor Control Center	MOTOR STARTERS		72
MCC	Motor Control Center	MOTOR STARTERS		59
ELT	Emergency Lighting	STROBE/SPEAKER COMBO		65
ELT	Emergency Lighting	STROBE/SPEAKER COMBO		60
ELT	Emergency Lighting	STROBE/SPEAKER COMBO		61
ELT	Emergency Lighting	STROBE/SPEAKER COMBO		49
ELT	Emergency Lighting	STROBE/SPEAKER COMBO		30
ELT	Emergency Lighting	STROBE/SPEAKER COMBO		48
ELT	Emergency Lighting	STROBE/SPEAKER COMBO		30
ELT	Emergency Lighting	STROBE/SPEAKER COMBO		48
ELT	Emergency Lighting	STROBE/SPEAKER COMBO		31
ELT	Emergency Lighting	STROBE/SPEAKER COMBO		55
ELT	Emergency Lighting	STROBE/SPEAKER COMBO		54
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 1x4 Recessed Strip with Minicube Lens		40
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		8
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		3

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		4
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		3
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		10
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		4
LGI	Lighting, Interior	Lighting, Interior - 1x8 Pendant-Mounted Open Industrial		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 1x4 Recessed Strip with Minicube Lens		40
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		7
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		7
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		4
LGI	Lighting, Interior	Lighting, Interior - 1x8 Pendant-Mounted Open Industrial		4
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		4
LGI	Lighting, Interior	Lighting, Interior - 1x3 Wall-Mtd Wrap Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 1x4 Wall-Mtd Wrap Fixture		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 1x8 Pendant-Mounted Open Industrial		2
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		1
LGI	Lighting, Interior	Lighting, Interior - 1x4 Sfc-Mtd Industrial		38
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		12
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 1x4 Recessed Strip with Minicube Lens		24
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		4
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 1x2 Recessed Directional Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		10
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 1x4 Recessed Strip with Minicube Lens		24

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		10
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		4
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		9
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		6
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		21
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		4
LGI	Lighting, Interior	Lighting, Interior - Vanity Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 1x4 Sfc-Mtd Strip Fixture		48
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		16
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		12
LGI	Lighting, Interior	Lighting, Interior - Decorative Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 6"x4' Deep-Cell Parabolic Troffer		21
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x4 Recessed Strip with Minicube Lens		8

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 1x4 Recessed Strip with Minicube Lens		8
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		6
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		4
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x4 Recessed Strip with Minicube Lens		8
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		7
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 1x4 Sfc-Mtd Industrial		5
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		8
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		2

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 1x4 Sfc-Mtd Industrial		3
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		3
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		14
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		3
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		3
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		11
LGI	Lighting, Interior	Lighting, Interior - 1x4 Wall-Mtd Wrap Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 1x4 Sfc-Mtd Industrial		40
LGI	Lighting, Interior	Lighting, Interior - 1x8 Sfc-Mtd Industrial		2
LGI	Lighting, Interior	Lighting, Interior - 1x4 Wall-Mtd Wrap Fixture		3

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 1x8 Sfc-Mtd Industrial		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		16
LGI	Lighting, Interior	Lighting, Interior - 1x3 Wall-Mtd Wrap Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 1x4 Wall-Mtd Wrap Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Pendant-Mounted Open Industrial		2
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Pd-Mtd. Indirect Ornamental Cone		1
LGI	Lighting, Interior	Lighting, Interior - 1x4 Sfc-Mtd Industrial		15
LGI	Lighting, Interior	Lighting, Interior - 1x4 Sfc-Mtd Industrial		3
LGI	Lighting, Interior	Lighting, Interior - 12" Diam. Recessed Can Fixture		72
LGI	Lighting, Interior	Lighting, Interior - Bracket-Mounted Vaporproof Fixture		24
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		9
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		14
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		4
LGI	Lighting, Interior	Lighting, Interior - 1x2 Recessed Directional Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		3
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		10

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		3
LGI	Lighting, Interior	Lighting, Interior - 1x2 Recessed Directional Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		9
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Sfc-Mtd Industrial		2
LGI	Lighting, Interior	Lighting, Interior - 1x4 Sfc-Mtd Industrial		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Sfc-Mtd Industrial		1
LGI	Lighting, Interior	Lighting, Interior - 1x4 Sfc-Mtd Industrial		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x2 Recessed Directional Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		4
LGI	Lighting, Interior	Lighting, Interior - 1x2 Recessed Directional Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		3

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		3
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		11
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		8
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		9
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		4
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		6
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		8
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		6
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		3
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 1x8 Sfc-Mtd Industrial		1
LGI	Lighting, Interior	Lighting, Interior - 1x4 Sfc-Mtd Industrial		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		11
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - Pd-Mtd. Indirect Ornamental Cone		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		15

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		7
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 1x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		4
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Wall Sconce		5
LGI	Lighting, Interior	Lighting, Interior - 6"x4' Deep-Cell Parabolic Troffer		24
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		8
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		15
LGI	Lighting, Interior	Lighting, Interior - 1x24 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		7
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 1x4 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		13
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		16

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		8
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		12
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		17
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		15
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		6
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		9
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - Decorative Wall Sconce		2
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		3
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		6

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 1x2 Recessed Directional Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		9
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		3
LGI	Lighting, Interior	Lighting, Interior - 1x2 Recessed Directional Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 1x4 Sfc-Mtd Industrial		2
LGI	Lighting, Interior	Lighting, Interior - 1x8 Sfc-Mtd Industrial		1
LGI	Lighting, Interior	Lighting, Interior - 1x4 Sfc-Mtd Industrial		2
LGI	Lighting, Interior	Lighting, Interior - 1x8 Sfc-Mtd Industrial		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		7
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		9
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - Pd-Mtd. Indirect Ornamental Cone		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		17

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		7
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		5
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		5
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		7
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		7
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		1
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		10
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 5" Diam. Recessed Can Fixture With Lens		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		7
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		11
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		3
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		6
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		8
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		4
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		8
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		1
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		20
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		4
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		10
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		16
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 5" Diam. Recessed Can Fixture With Lens		1
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		2
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		19
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		3
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		3

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		8
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		13
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 5" Diam. Recessed Can Fixture With Lens		1
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		12
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		3
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		3
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 2' Diam. Surface-Mtd Drum Decorative		3
LGI	Lighting, Interior	Lighting, Interior - 1x1 Wall-Mounted Glass Shield Decorative		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		17
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		16
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		12
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Pd-Mtd. Indirect Ornamental Cone		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 2' Diam. Surface-Mtd Drum Decorative		2

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		12
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		15
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		10
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		12
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		19
LGI	Lighting, Interior	Lighting, Interior - 1x1 Wall-Mounted Glass Shield Decorative		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - Pd-Mtd. Indirect Ornamental Cone		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 2' Diam. Surface-Mtd Drum Decorative		3
LGI	Lighting, Interior	Lighting, Interior - 1x1 Wall-Mounted Glass Shield Decorative		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		10
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		1
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		6
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 5" Diam. Recessed Can Fixture With Lens		1
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		2

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		7
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		7
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		7
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		7
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		3
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		24
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		16
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		13
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		3
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		20

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		1
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		12
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		5
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		2
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		10
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		5
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		2
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		2

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		1
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		13
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		7
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		15
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		13
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		7
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Pendant-Mounted Open Industrial		2
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		2
LGI	Lighting, Interior	Lighting, Interior - 1x8 Pendant-Mounted Open Industrial		1
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		1
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		7
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Pendant-Mounted Open Industrial		2
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		3
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		3
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		3
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		3
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		2

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x8 Pendant-Mounted Open Industrial		1
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		7
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Pendant-Mounted Open Industrial		2
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		2
LGI	Lighting, Interior	Lighting, Interior - 1x8 Pendant-Mounted Open Industrial		2

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		7
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		7
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Pendant-Mounted Open Industrial		2
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		2
LGI	Lighting, Interior	Lighting, Interior - 1x8 Pendant-Mounted Open Industrial		2
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		7
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		1
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		10
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		2
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		6
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		12
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 5" Diam. Recessed Can Fixture With Lens		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		8
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		10

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 5" Diam. Recessed Can Fixture With Lens		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		12
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		2
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		10
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		1
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		10
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 5" Diam. Recessed Can Fixture With Lens		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		2

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		12
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		5
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		15
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		8
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x4 Wall-Mtd Shield Down/Up Light		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		9
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		8

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		15
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 5" Diam. Recessed Can Fixture With Lens		1
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		10
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		10
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		2
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		2

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		11
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 5" Diam. Recessed Can Fixture With Lens		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		8
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		7
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		9
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		8
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		20
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		8
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		8
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		20
LGI	Lighting, Interior	Lighting, Interior - 5" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 5" Diam. Recessed Can Fixture With Lens		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		8

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		16
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 5" Diam. Recessed Can Fixture With Lens		1
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		36
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl (Courtroom Fixture)		4
LGI	Lighting, Interior	Lighting, Interior - 10" Diam. Recessed Can Fixture		35
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		8

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		36
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl (Courtroom Fixture)		4
LGI	Lighting, Interior	Lighting, Interior - 10" Diam. Recessed Can Fixture		35
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		8
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 10" Diam. Recessed Can Fixture		36
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl (Courtroom Fixture)		4
LGI	Lighting, Interior	Lighting, Interior - Sfc-Mtd Track Head Directional		6
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		28
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		4

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		4
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		8
LGI	Lighting, Interior	Lighting, Interior - 10" Diam. Recessed Can Fixture		36
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl (Courtroom Fixture)		4
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		30
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		4
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		8
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		4
LGI	Lighting, Interior	Lighting, Interior - 1x4 Sfc-Mtd Industrial		1
LGI	Lighting, Interior	Lighting, Interior - 10" Diam. Recessed Can Fixture		40
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl (Courtroom Fixture)		4
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		36
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		5
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		8
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		4
LGI	Lighting, Interior	Lighting, Interior - 1x4 Sfc-Mtd Industrial		1
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl (Courtroom Fixture)		4
LGI	Lighting, Interior	Lighting, Interior - 10" Diam. Recessed Can Fixture		35
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		8
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 10" Diam. Recessed Can Fixture		36
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl (Courtroom Fixture)		4
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		30

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		4
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		8
LGI	Lighting, Interior	Lighting, Interior - 10" Diam. Recessed Can Fixture		36
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl (Courtroom Fixture)		4
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		30
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		4
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		8
LGI	Lighting, Interior	Lighting, Interior - 10" Diam. Recessed Can Fixture		40
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl (Courtroom Fixture)		4
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		46
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		4

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		4
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		8
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		10
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		9

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		6
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 1x4 Sfc-Mtd Industrial		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		3
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		8
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		22
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 5" Diam. Recessed Can Fixture With Lens		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		1
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		8
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 5" Diam. Recessed Can Fixture With Lens		1
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		5
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		15
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		7
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		7
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		12
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		4
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		9
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - Recessed 1x3 Directional Fixture		9
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		16
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - Recessed 1x3 Directional Fixture		9
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		16
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - Recessed 1x3 Directional Fixture		9
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		16
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - Recessed 1x3 Directional Fixture		9
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		16
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - Recessed 1x3 Directional Fixture		9
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		16
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - Recessed 1x3 Directional Fixture		9
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		16
LGI	Lighting, Interior	Lighting, Interior - 1x4 Vapor-Proof Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 1x4 Vapor-Proof Fixture		6

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x8 Pendant-Mounted Open Industrial		2
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		2
LGI	Lighting, Interior	Lighting, Interior - 1x8 Pendant-Mounted Open Industrial		3
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		16
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		12
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		9
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		12
LGI	Lighting, Interior	Lighting, Interior - 5" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - Wall-Mounted Half Round Wall Sconce Decorative		10
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		7
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		33
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		31
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Pendant-Mounted Open Industrial		2
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		2
LGI	Lighting, Interior	Lighting, Interior - 1x8 Pendant-Mounted Open Industrial		2
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		2

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Pendant-Mounted Open Industrial		2
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		3
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		7
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		11
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		11

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		5
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		3
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		3
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		5
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		9
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		2

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		6
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		5
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		3
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		9
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 5" Diam. Recessed Can Fixture With Lens		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		2

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x8 Pendant-Mounted Open Industrial		1
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Pendant-Mounted Open Industrial		2
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		2
LGI	Lighting, Interior	Lighting, Interior - 1x8 Pendant-Mounted Open Industrial		2
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Pendant-Mounted Open Industrial		2

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		2
LGI	Lighting, Interior	Lighting, Interior - 1x8 Pendant-Mounted Open Industrial		2
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		8
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		18
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 5" Diam. Recessed Can Fixture With Lens		1
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		2

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		6
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		8
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		18
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		6
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 5" Diam. Recessed Can Fixture With Lens		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		11
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		1
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		10
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 5" Diam. Recessed Can Fixture With Lens		1
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		5
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		8
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x4 Vapor-Proof Fixture		12
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		12
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		16
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 5" Diam. Recessed Can Fixture With Lens		1
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		2
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		17
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		8

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		17
LGI	Lighting, Interior	Lighting, Interior - Chandelier		1
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		15
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		8
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		8
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 5" Diam. Recessed Can Fixture With Lens		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		18
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		1
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		16

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 10" Diam. Recessed Can Fixture		40
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl (Courtroom Fixture)		4
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		36
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		5
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		8
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		4
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		1
LGI	Lighting, Interior	Lighting, Interior - 10" Diam. Recessed Can Fixture		36
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl (Courtroom Fixture)		4
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		30
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		4
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		8
LGI	Lighting, Interior	Lighting, Interior - 10" Diam. Recessed Can Fixture		36
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl (Courtroom Fixture)		4
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		30
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		4
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		8
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		4
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		1
LGI	Lighting, Interior	Lighting, Interior - 10" Diam. Recessed Can Fixture		36
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl (Courtroom Fixture)		4
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		30
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		4

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		4
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		8
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		36
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl (Courtroom Fixture)		4
LGI	Lighting, Interior	Lighting, Interior - 10" Diam. Recessed Can Fixture		35
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		8
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		36
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl (Courtroom Fixture)		4
LGI	Lighting, Interior	Lighting, Interior - 10" Diam. Recessed Can Fixture		35
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		8
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		36
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl (Courtroom Fixture)		4
LGI	Lighting, Interior	Lighting, Interior - 10" Diam. Recessed Can Fixture		35
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		8
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 10" Diam. Recessed Can Fixture		36
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl (Courtroom Fixture)		4
LGI	Lighting, Interior	Lighting, Interior - Sfc-Mtd Track Head Directional		6
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		28
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		4
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		8
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		4
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		1
LGI	Lighting, Interior	Lighting, Interior - 10" Diam. Recessed Can Fixture		40
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl (Courtroom Fixture)		4
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		36
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		5
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		8
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		7
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		7

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		16
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		5

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		8
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 5" Diam. Recessed Can Fixture With Lens		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		12
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 1x4 Wall-Mtd Wrap Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 1x4 Wall-Mtd Wrap Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		9
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		9
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		7
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		18
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 5" Diam. Recessed Can Fixture With Lens		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		7
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		16
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 5" Diam. Recessed Can Fixture With Lens		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		2
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		7
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		8
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Wall-Wash Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		19
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 5" Diam. Recessed Can Fixture With Lens		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		10
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		10

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		12
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 5" Diam. Recessed Can Fixture With Lens		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		7
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		9
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		9
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		4
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		6
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		8
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x10 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		13
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Decorative Wall Sconce		7
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		9
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		9
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x10 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		4
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x6 Wall-Mtd Shield Down/Up Light		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		14
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 5" Diam. Recessed Can Fixture With Lens		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		2

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		7
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		9
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		9
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		3
LGI	Lighting, Interior	Lighting, Interior - 1x4 Vapor-Proof Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 1x4 Vapor-Proof Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		8
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 5" Diam. Recessed Can Fixture With Lens		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		16
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x4 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		3
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 1x4 Sfc-Mtd Wall Wrap		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		8
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		11
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 5" Diam. Recessed Can Fixture With Lens		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		7

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		7
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		8
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		8

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Wall-Wash Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		17
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 5" Diam. Recessed Can Fixture With Lens		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		7
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		18
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Wall-Wash Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 5" Diam. Recessed Can Fixture With Lens		1
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		8
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		8
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		2

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		2
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Sfc-Mtd Strip Fixture		11
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		18
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		2
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		2
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		8
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		8
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - Wall Sconce		7
LGI	Lighting, Interior	Lighting, Interior - Wall Sconce		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		9
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		3
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		4
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		6
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - Wall Sconce		6
LGI	Lighting, Interior	Lighting, Interior - Wall Sconce		4
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 5" Diam. Recessed Can Fixture With Lens		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 5" Diam. Recessed Can Fixture With Lens		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		14
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 5" Diam. Recessed Can Fixture With Lens		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 5" Diam. Recessed Can Fixture With Lens		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 5" Diam. Recessed Can Fixture With Lens		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		11
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		2

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		3
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		6
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		11
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		7
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		3
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		7
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Indirect Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Indirect Troffer		5
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Indirect Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Indirect Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		32
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		14
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		4
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		3
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		4
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		7
LGI	Lighting, Interior	Lighting, Interior - Jelly Jar		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Pd-Mtd. Indirect Ornamental Cone		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		19
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		4

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - Jelly Jar		1
LGI	Lighting, Interior	Lighting, Interior - Jelly Jar		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		6
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		2

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		3
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - Jelly Jar		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		14
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		6
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		4
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		8
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		2
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		7
LGI	Lighting, Interior	Lighting, Interior - 5" Diam. Recessed Can Fixture		13
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Wall-Wash Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 5' Diam. Pendant-Mounted Deco Bowl		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		7
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 1x2 Recessed Directional Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		3
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		6
LGI	Lighting, Interior	Lighting, Interior - 1x2 Recessed Directional Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		6
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		11
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		3
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		21
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		3
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		11
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		3
LGI	Lighting, Interior	Lighting, Interior - 1x2 Recessed Directional Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		12
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		3
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		2

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		12
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		11
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		28
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		35
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		4
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		9
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		6
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		7
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		23
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		9
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		34
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		4
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		12
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		6
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		8
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		4
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Pd-Mtd. Indirect Ornamental Cone		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		4
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		4
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Indirect Troffer		29
LGI	Lighting, Interior	Lighting, Interior - 1x4 Recessed Wall Wash		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Indirect Troffer		2
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		2
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Indirect Troffer		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		4
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		6
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		12
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		3
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		4
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		4
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		12
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		6
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		12
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		7
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		9
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Indirect Troffer		9
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		8
LGI	Lighting, Interior	Lighting, Interior - 4" Diam. Recessed Can Fixture		14
LGI	Lighting, Interior	Lighting, Interior - 12" Diam. Recessed Can Fixture With Lens		4
LGI	Lighting, Interior	Lighting, Interior - Jelly Jar		7

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 4" Diam. Recessed Can Fixture		8
LGI	Lighting, Interior	Lighting, Interior - 2x4 Vapor-Proof Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Vapor-Proof Fixture		13
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		5
LGI	Lighting, Interior	Lighting, Interior - Jelly Jar		8
LGI	Lighting, Interior	Lighting, Interior - Jelly Jar		3
LGI	Lighting, Interior	Lighting, Interior - 4" Diam. Recessed Can Fixture		12
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		3
LGI	Lighting, Interior	Lighting, Interior - 4" Diam. Recessed Can Fixture		29
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		24
LGI	Lighting, Interior	Lighting, Interior - 1x4 Wall-Mtd Strip Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		3
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		2

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Pend-Mtd Deep Cell Parabolic 1x4		1
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl with MR-16 mounted above		1
LGI	Lighting, Interior	Lighting, Interior - Pend-Mtd Deep Cell Parabolic 1x8		1
LGI	Lighting, Interior	Lighting, Interior - Pend-Mtd Deep Cell Parabolic 1x10		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture / Reflector		5
LGI	Lighting, Interior	Lighting, Interior - 1x4 Sfc-Mtd Wall Wrap		1
LGI	Lighting, Interior	Lighting, Interior - 5" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Pend-Mtd Deep Cell Parabolic 1x16		1
LGI	Lighting, Interior	Lighting, Interior - Pend-Mtd Deep Cell Parabolic 1x12		2
LGI	Lighting, Interior	Lighting, Interior - Pend-Mtd Deep Cell Parabolic 1x8		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture / Reflector		4
LGI	Lighting, Interior	Lighting, Interior - 1x4 Sfc-Mtd Wall Wrap		1
LGI	Lighting, Interior	Lighting, Interior - Wall Wash		4
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Uplight/Downlight Fin Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Uplight/Downlight Fin Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Pend-Mtd Deep Cell Parabolic 1x4		1
LGI	Lighting, Interior	Lighting, Interior - Pend-Mtd Deep Cell Parabolic 1x10		1
LGI	Lighting, Interior	Lighting, Interior - 1x4 Sfc-Mtd Wall Wrap		1
LGI	Lighting, Interior	Lighting, Interior - Pend-Mtd Deep Cell Parabolic 1x8		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture / Reflector		4
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl with MR-16 mounted above		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 5" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - Wall Wash		4

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		3
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl with MR-16 mounted above		1
LGI	Lighting, Interior	Lighting, Interior - Pend-Mtd Deep Cell Parabolic 1x8		1
LGI	Lighting, Interior	Lighting, Interior - Pend-Mtd Deep Cell Parabolic 1x6		1
LGI	Lighting, Interior	Lighting, Interior - Pend-Mtd Deep Cell Parabolic 1x4		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture / Reflector		4
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - 5" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 1x4 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Pend-Mtd Deep Cell Parabolic 1x4		1
LGI	Lighting, Interior	Lighting, Interior - Pend-Mtd Deep Cell Parabolic 1x8		1
LGI	Lighting, Interior	Lighting, Interior - Pend-Mtd Deep Cell Parabolic 1x6		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl with MR-16 mounted above		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture / Reflector		4
LGI	Lighting, Interior	Lighting, Interior - Pend-Mtd Deep Cell Parabolic 1x2		1
LGI	Lighting, Interior	Lighting, Interior - Pend-Mtd Deep Cell Parabolic 1x8		1
LGI	Lighting, Interior	Lighting, Interior - Pend-Mtd Deep Cell Parabolic 1x6		2
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - Wall-Mounted Drum Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		13
LGI	Lighting, Interior	Lighting, Interior - Wall Wash		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		45
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		9
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		45
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		9
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 5" Diam. Recessed Can Fixture With Lens		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 5" Diam. Recessed Can Fixture With Lens		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		50
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		38
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		4
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		6
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x12 Wall-Mtd Shield Down/Up Light		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		3
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 1x4 Sfc-Mtd Industrial		2
LGI	Lighting, Interior	Lighting, Interior - 1x4 Sfc-Mtd Industrial		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		10

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		9
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		10
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		9
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		10
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		24
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		24
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 2' Diam. Surface-Mtd Drum Decorative		3

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 1x1 Wall-Mounted Glass Shield Decorative		2
LGI	Lighting, Interior	Lighting, Interior - 6"x2' Wall Cut Out With Glass Shield		8
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		13
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		14
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		10
LGI	Lighting, Interior	Lighting, Interior - 1x1 Wall-Mounted Glass Shield Decorative		2
LGI	Lighting, Interior	Lighting, Interior - Pd-Mtd. Indirect Ornamental Cone		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		9
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		16
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 2' Diam. Surface-Mtd Drum Decorative		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		12
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		9
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		13
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 1x1 Wall-Mounted Glass Shield Decorative		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		7
LGI	Lighting, Interior	Lighting, Interior - Pd-Mtd. Indirect Ornamental Cone		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 1x1 Wall-Mounted Glass Shield Decorative		2
LGI	Lighting, Interior	Lighting, Interior - 6"x2' Wall Cut Out With Glass Shield		8
LGI	Lighting, Interior	Lighting, Interior - 2' Diam. Surface-Mtd Drum Decorative		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 2' Diam. Surface-Mtd Drum Decorative		3
LGI	Lighting, Interior	Lighting, Interior - 1x1 Wall-Mounted Glass Shield Decorative		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		17
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		16
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		12
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Pd-Mtd. Indirect Ornamental Cone		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 2' Diam. Surface-Mtd Drum Decorative		2

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		12
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		15
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 2' Diam. Surface-Mtd Drum Decorative		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		10
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		12
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		18
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - Pd-Mtd. Indirect Ornamental Cone		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 2' Diam. Surface-Mtd Drum Decorative		3
LGI	Lighting, Interior	Lighting, Interior - 1x1 Wall-Mounted Glass Shield Decorative		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6"x2' Wall Cut Out With Glass Shield		8
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		8
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		8
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		3
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		15
LGI	Lighting, Interior	Lighting, Interior - 1x4 Sfc-Mtd Strip Fixture		24
LGI	Lighting, Interior	Lighting, Interior - 1x8 Sfc-Mtd Strip Fixture		48
LGI	Lighting, Interior	Lighting, Interior - 1x8 Sfc-Mtd Strip Fixture		7

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 1x4 Sfc-Mtd Strip Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 1x8 Sfc-Mtd Strip Fixture		58
LGI	Lighting, Interior	Lighting, Interior - 1x4 Sfc-Mtd Strip Fixture		12
LGI	Lighting, Interior	Lighting, Interior - 1x8 Sfc-Mtd Strip Fixture		13
LGI	Lighting, Interior	Lighting, Interior - 1x4 Sfc-Mtd Wall Wrap		1
LGI	Lighting, Interior	Lighting, Interior - Interior-Lighted Sign Fixture		20
LGI	Lighting, Interior	Lighting, Interior - Wall-Mounted Half Round Wall Sconce Decorative		5
LGI	Lighting, Interior	Lighting, Interior - In-Ground Fixture W. Lens		3
LGI	Lighting, Interior	Lighting, Interior - 5" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - In-Ground Fixture W. Lens		6
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed In Wall With Glass Shield		8
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		3

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Wall-Mounted Half Round Wall Sconce Decorative		8
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		7
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		33
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		31
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 3" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		20
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		8

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		3
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		7
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		26
LGI	Lighting, Interior	Lighting, Interior - 3" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 5" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		12
LGI	Lighting, Interior	Lighting, Interior - 5" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - Recessed Directional 12" Fixture		16
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		8
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		10
LGI	Lighting, Interior	Lighting, Interior - 4" Diam. Recessed Can Fixture		4

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		7
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		14
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		14
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		13
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		10
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		15
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Wall-Mounted Half Round Wall Sconce Decorative		8
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		7
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		28
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		8

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Wall-Mounted Half Round Wall Sconce Decorative		10
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		7
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		28
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed In Wall With Glass Shield		8
LGI	Lighting, Interior	Lighting, Interior - Wall-Mounted Half Round Wall Sconce Decorative		8
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		7
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		28
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		8
LGI	Lighting, Interior	Lighting, Interior - Wall-Mounted Half Round Wall Sconce Decorative		8
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		7
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		28
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		8
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed In Wall With Glass Shield		8
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed In Wall With Glass Shield		7
LGI	Lighting, Interior	Lighting, Interior - 5" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 4" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		6
LGI	Lighting, Interior	Lighting, Interior - 1x4 Sfc-Mtd Strip Fixture		18
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		15
LGI	Lighting, Interior	Lighting, Interior - 1x3 Sfc-Mtd Wall Wrap		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		5
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		4
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		4
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		4
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		6
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		5
LGI	Lighting, Interior	Lighting, Interior - 1x8 Pendant-Mounted Open Industrial		17
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		2
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		9
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		2
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		3
LGI	Lighting, Interior	Lighting, Interior - 1x4 Vapor-Proof Fixture		19
LGI	Lighting, Interior	Lighting, Interior - 1x4 Sfc-Mtd Strip Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		2
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		2

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 1x8 Pendant-Mounted Open Industrial		28
LGI	Lighting, Interior	Lighting, Interior - 1x8 Pendant-Mounted Open Industrial		17
LGI	Lighting, Interior	Lighting, Interior - Jelly Jar		9
LGI	Lighting, Interior	Lighting, Interior - Jelly Jar		1
LGI	Lighting, Interior	Lighting, Interior - Jelly Jar		1
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		3
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		3
LGI	Lighting, Interior	Lighting, Interior - 1x8 Pendant-Mounted Open Industrial		11
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		3
LGI	Lighting, Interior	Lighting, Interior - 1x4 Sfc-Mtd Strip Fixture With Wire Guard		12
LGI	Lighting, Interior	Lighting, Interior - 1x8 Pendant-Mounted Open Industrial		4
LGI	Lighting, Interior	Lighting, Interior - 1x4 Sfc-Mtd Strip Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Lens Security Troffer		15
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		6
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		6
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Lens Security Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		24
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		10
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		4
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		6
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Lens Security Troffer		82
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		7
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		6
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 1x4 Sfc-Mtd Strip Fixture		10
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		3
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		7

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 1x4 Sfc-Mtd Strip Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		12
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		7
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		3
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		1
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		29
LGI	Lighting, Interior	Lighting, Interior - Jelly Jar		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 1x8 Pendant-Mounted Open Industrial		3
LGI	Lighting, Interior	Lighting, Interior - 1x8 Pendant-Mounted Open Industrial		8
LGI	Lighting, Interior	Lighting, Interior - 1x8 Pendant-Mounted Open Industrial		3
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		36
LGI	Lighting, Interior	Lighting, Interior - Jelly Jar		1
LGI	Lighting, Interior	Lighting, Interior - Jelly Jar		11
LGI	Lighting, Interior	Lighting, Interior - 1x4 Sfc-Mtd Strip Fixture		8
LGI	Lighting, Interior	Lighting, Interior - 1x4 Recessed Prismatic Lens Troffer		18
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		3
LGI	Lighting, Interior	Lighting, Interior - 1x4 Recessed Prismatic Lens Troffer		11
LGI	Lighting, Interior	Lighting, Interior - 1x4 Recessed Prismatic Lens Troffer		4
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - Explosion-Proof Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 1x4 Recessed Prismatic Lens Troffer		19
LGI	Lighting, Interior	Lighting, Interior - 1x4 Sfc-Mtd Strip Fixture		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		8
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		3
LGI	Lighting, Interior	Lighting, Interior - 1x4 Recessed Prismatic Lens Troffer		6
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		3
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Security Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Lens Security Troffer		12
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Security Troffer		3
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Lens Security Troffer		6
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Lens Security Troffer		6
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Security Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Security Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Security Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Security Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Security Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Security Troffer		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Security Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Security Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Security Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Security Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Security Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Lens Security Troffer		7
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Lens Security Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Lens Security Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Lens Security Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Lens Security Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Lens Security Troffer		4

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 1x4 Recessed Prismatic Lens Troffer		9
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Lens Security Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		8
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		4
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		3
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		3
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		5

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x8 Wall-Mtd Shield Down/Up Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 5" Diam. Recessed Can Fixture With Lens		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		3
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		4
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		4

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		5
LGI	Lighting, Interior	Lighting, Interior - 10" Diam. Recessed Can Fixture		40
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl (Courtroom Fixture)		4
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		36
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		5
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		8
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		4
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		1
LGI	Lighting, Interior	Lighting, Interior - 10" Diam. Recessed Can Fixture		36
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl (Courtroom Fixture)		4
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		30

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		4
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		8
LGI	Lighting, Interior	Lighting, Interior - 10" Diam. Recessed Can Fixture		36
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl (Courtroom Fixture)		4
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		30
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		4
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		8
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		4
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		1
LGI	Lighting, Interior	Lighting, Interior - 10" Diam. Recessed Can Fixture		36
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl (Courtroom Fixture)		4

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		30
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		4
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		8
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		5
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		17
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		16
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		12
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		5

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 2' Diam. Surface-Mtd Drum Decorative		3
LGI	Lighting, Interior	Lighting, Interior - 1x1 Wall-Mounted Glass Shield Decorative		2
LGI	Lighting, Interior	Lighting, Interior - 6"x2' Wall Cut Out With Glass Shield		8
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Lens Security Troffer		4
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Lens Security Troffer		3
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Lens Security Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Security Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Security Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		3
LGI	Lighting, Interior	Lighting, Interior - Pd-Mtd. Indirect Ornamental Cone		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Lens Security Troffer		7
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Security Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Security Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Lens Security Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		7
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		10
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		10
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		12
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		18
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - Pd-Mtd. Indirect Ornamental Cone		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Lens Security Troffer		4
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Security Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Security Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Lens Security Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Lens Security Troffer		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Lens Security Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Lens Security Troffer		3
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Security Troffer		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Security Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		36
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl (Courtroom Fixture)		4
LGI	Lighting, Interior	Lighting, Interior - 10" Diam. Recessed Can Fixture		35
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		8
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		36
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl (Courtroom Fixture)		4
LGI	Lighting, Interior	Lighting, Interior - 10" Diam. Recessed Can Fixture		35
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		8
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		36
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl (Courtroom Fixture)		4
LGI	Lighting, Interior	Lighting, Interior - 10" Diam. Recessed Can Fixture		35
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		8
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 10" Diam. Recessed Can Fixture		36
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl (Courtroom Fixture)		4
LGI	Lighting, Interior	Lighting, Interior - Sfc-Mtd Track Head Directional		6
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		28
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		4
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		8
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		4
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		1
LGI	Lighting, Interior	Lighting, Interior - 10" Diam. Recessed Can Fixture		40
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl (Courtroom Fixture)		4
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		46
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		4

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		4
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		8
LGI	Lighting, Interior	Lighting, Interior - 2' Diam. Surface-Mtd Drum Decorative		3
LGI	Lighting, Interior	Lighting, Interior - 1x1 Wall-Mounted Glass Shield Decorative		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6"x2' Wall Cut Out With Glass Shield		8
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 2' Diam. Surface-Mtd Drum Decorative		3

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 1x1 Wall-Mounted Glass Shield Decorative		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		17
LGI	Lighting, Interior	Lighting, Interior - 1x4 Vapor-Proof Fixture		12
LGI	Lighting, Interior	Lighting, Interior - 1x1 Wall-Mounted Glass Shield Decorative		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		17
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		16
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		12
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		3
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		6
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		6
LGI	Lighting, Interior	Lighting, Interior - Pd-Mtd. Indirect Ornamental Cone		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		6
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		6
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 1x4 Sfc-Mtd Strip Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x4 Sfc-Mtd Strip Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		10
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		12
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		19
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - Pd-Mtd. Indirect Ornamental Cone		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		6
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		9
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		6
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		6
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		6
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2' Diam. Surface-Mtd Drum Decorative		3
LGI	Lighting, Interior	Lighting, Interior - 1x1 Wall-Mounted Glass Shield Decorative		2

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6"x2' Wall Cut Out With Glass Shield		8
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		10
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		16
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 5" Diam. Recessed Can Fixture With Lens		1
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		2
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		19
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		3
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - Pendant-Mounted Bowl, BX uplight and PAR dimming downlight		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		16
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Under-Counter Task Light		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		16
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		7
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 2' Diam. Surface-Mtd Drum Decorative		2
LGI	Lighting, Interior	Lighting, Interior - 1x1 Wall-Mounted Glass Shield Decorative		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		12

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		9
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		13
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 1x1 Wall-Mounted Glass Shield Decorative		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Lens Security Troffer		5
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Lens Security Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Security Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Security Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Lens Security Troffer		2
LGI	Lighting, Interior	Lighting, Interior - Pd-Mtd. Indirect Ornamental Cone		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Lens Security Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Security Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Security Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Lens Security Troffer		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Lens Security Troffer		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		7
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		10
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		4
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		10
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		12
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		19

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 1x1 Wall-Mounted Glass Shield Decorative		2
LGI	Lighting, Interior	Lighting, Interior - 2' Diam. Surface-Mtd Drum Decorative		3
LGI	Lighting, Interior	Lighting, Interior - 1x1 Wall-Mounted Glass Shield Decorative		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 6"x2' Wall Cut Out With Glass Shield		8
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Lens Security Troffer		4

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Lens Security Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Security Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Security Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Lens Security Troffer		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - Pd-Mtd. Indirect Ornamental Cone		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Security Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Security Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		2

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Security Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Lens Security Troffer		3
LGI	Lighting, Interior	Lighting, Interior - 1x4 Vapor-Proof Fixture		12
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		7
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 2' Diam. Surface-Mtd Drum Decorative		3
LGI	Lighting, Interior	Lighting, Interior - 1x1 Wall-Mounted Glass Shield Decorative		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		12
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		9
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		13

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 1x1 Wall-Mounted Glass Shield Decorative		2
LGI	Lighting, Interior	Lighting, Interior - Pd-Mtd. Indirect Ornamental Cone		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		8
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		9
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		5
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 2' Diam. Surface-Mtd Drum Decorative		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		10
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		12
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		19
LGI	Lighting, Interior	Lighting, Interior - 1x1 Wall-Mounted Glass Shield Decorative		2
LGI	Lighting, Interior	Lighting, Interior - Pd-Mtd. Indirect Ornamental Cone		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2' Diam. Surface-Mtd Drum Decorative		3
LGI	Lighting, Interior	Lighting, Interior - 1x1 Wall-Mounted Glass Shield Decorative		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Lens Security Troffer		4

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Lens Security Troffer		3
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Lens Security Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Security Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Security Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Wall-Wash Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Lens Security Troffer		3
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Security Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Security Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Lens Security Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Lens Security Troffer		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		5

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		6
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		4
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		3
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Lens Security Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 2x2 Recessed Lens Security Troffer		5
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Security Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Security Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		5
LGI	Lighting, Interior	Lighting, Interior - 1x4 Vapor-Proof Fixture		12
LGI	Lighting, Interior	Lighting, Interior - 1x4 Vapor-Proof Fixture		12
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		9
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		6
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		2
LGI	Lighting, Interior	Lighting, Interior - 2x4 Recessed Prismatic Lens Troffer		1
LGI	Lighting, Interior	Lighting, Interior - 8" Diam. Recessed Can Fixture		1
LGI	Lighting, Interior	Lighting, Interior - 6" Diam. Recessed Can Fixture		4
LGI	Lighting, Interior	Lighting, Interior - Strip Fixture Recessed In Corner Cut-Out		4
LGI	Lighting, Interior	Lighting, Interior - Jelly Jar		13

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
LGI	Lighting, Interior	Lighting, Interior - 1x4 Recessed Prismatic Lens Troffer		2
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		16
PMP	Pump	PMP	TACO	1
HXR-01	Heat Exchanger, Flat Plate	HXR-01		1
PNB	Panelboard, Lighting & Appliance	CIRCUIT BREAKER PANEL		1
LGI	Lighting, Interior	Lighting, Interior - 1x4 Wall-Mtd Wrap Fixture		10
LGI	Lighting, Interior	Lighting, Interior - 1x3 Wall-Mtd Wrap Fixture		30
LGI	Lighting, Interior	Lighting, Interior - 2x2 Deep Cell Parabolic Troffer		2
LGI	Lighting, Interior	Lighting, Interior - 1x4 Wall-Mtd Wrap Fixture		24
LGI	Lighting, Interior	Lighting, Interior - 1x4 Wall-Mtd Wrap Fixture		24
LGI	Lighting, Interior	Lighting, Interior - 1x4 Pendant-Mounted Open Industrial		70
LGI	Lighting, Interior	Lighting, Interior - Cove-Mtd		48
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		3
LGI	Lighting, Interior	Lighting, Interior - Well Light		6
LGI	Lighting, Interior	Lighting, Interior - 2x4 Deep Cell Parabolic Troffer		1
LGI	Lighting, Interior	Lighting, Interior - Well Light		6
LGI	Lighting, Interior	Lighting, Interior - Bollard Fixture		11
LGI	Lighting, Interior	Lighting, Interior - Pole Fixture		8
LGI	Lighting, Interior	Lighting, Interior - Pole Fixture		6
LGI	Lighting, Interior	Lighting, Interior - Bollard Fixture		6
RFS	Roof System and Drains	RFS - Roof Drains		12
RFS	Roof System and Drains	RFS - Roof Drains		9
ALM-03	Automatic Fire Detection Smoke Detectors	Smoke Detectors - Basement		99
ALM-03	Automatic Fire Detection Smoke Detectors	Duct Smokes - Basement		37

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
ALM-16	Manual Fire Alarm Stations -Coded and Uncoded	Pull Stations - Basement		5
ALM-05	Automatic Fire Detection, Heat Detectors	Heat Detectors - Basement		22
ALM-03	Automatic Fire Detection Smoke Detectors	Smoke Detectors - 1st Floor		76
ALM-03	Automatic Fire Detection Smoke Detectors	Duct Smokes - 1st Floor		7
ALM-16	Manual Fire Alarm Stations -Coded and Uncoded	Pull Stations - 1st Floor		18
ALM-05	Automatic Fire Detection, Heat Detectors	Heat Detectors - 1st Floor		3
ALM-03	Automatic Fire Detection Smoke Detectors	Smoke Detectors - 2nd Floor		72
ALM-03	Automatic Fire Detection Smoke Detectors	Duct Smokes - 2nd Floor		11
ALM-16	Manual Fire Alarm Stations -Coded and Uncoded	Pull Stations - 2nd Floor		5
ALM-05	Automatic Fire Detection, Heat Detectors	Heat Detectors - 2nd Floor		1
ALM-03	Automatic Fire Detection Smoke Detectors	Smoke Detectors - 3rd Floor		74
ALM-03	Automatic Fire Detection Smoke Detectors	Duct Smokes - 3rd Floor		16
ALM-16	Manual Fire Alarm Stations -Coded and Uncoded	Pull Stations - 3rd Floor		6
ALM-03	Automatic Fire Detection Smoke Detectors	Smoke Detectors - 4th Floor		26
ALM-03	Automatic Fire Detection Smoke Detectors	Duct Smokes - 4th Floor		7
ALM-16	Manual Fire Alarm Stations -Coded and Uncoded	Pull Stations - 4th Floor		4
ALM-03	Automatic Fire Detection Smoke Detectors	Smoke Detectors - 5th Floor		77
ALM-03	Automatic Fire Detection Smoke Detectors	Duct Smokes - 5th Floor		10
ALM-16	Manual Fire Alarm Stations -Coded and Uncoded	Pull Stations - 5th Floor		6
ALM-03	Automatic Fire Detection Smoke Detectors	Smoke Detectors - 6th Floor		24
ALM-03	Automatic Fire Detection Smoke Detectors	Duct Smokes - 6th Floor		7
ALM-16	Manual Fire Alarm Stations -Coded and Uncoded	Pull Stations - 6th Floor		4
ALM-03	Automatic Fire Detection Smoke Detectors	Smoke Detectors - 7th Floor		102
ALM-03	Automatic Fire Detection Smoke Detectors	Duct Smokes - 7th Floor		16
ALM-16	Manual Fire Alarm Stations -Coded and Uncoded	Pull Stations - 7th Floor		6
ALM-03	Automatic Fire Detection Smoke Detectors	Smoke Detectors - 8th Floor		27
ALM-03	Automatic Fire Detection Smoke Detectors	Duct Smokes - 8th Floor		7
ALM-16	Manual Fire Alarm Stations -Coded and Uncoded	Pull Stations - 8th Floor		4
ALM-03	Automatic Fire Detection Smoke Detectors	Smoke Detectors - 9th Floor		43
ALM-03	Automatic Fire Detection Smoke Detectors	Duct Smokes - 9th Floor		8
ALM-16	Manual Fire Alarm Stations -Coded and Uncoded	Pull Stations - 9th Floor		4
ALM-03	Automatic Fire Detection Smoke Detectors	Smoke Detectors - 10th Floor		127
ALM-03	Automatic Fire Detection Smoke Detectors	Duct Smokes - 10th Floor		18

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
ALM-16	Manual Fire Alarm Stations -Coded and Uncoded	Pull Stations - 10th Floor		4
RFS	Roof System and Drains	RFS - Roof Drains		12
RFS	Roof System and Drains	RFS - Roof Drains		9
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		2
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		2
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1

ASSETTYPE	ASSETTYPE_DESCRIPTION	DESCRIPTION	MANUFACTURER	QUANTITY
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		3
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1
FEX	Fire Extinguishers	Fire Extinguishers		1

Open WO Report

Moakley January 2018 PM

WO Number	Description - Long	WO Problem Location	Frequency
35044372	1st fl - Common Area lights ^ L-20	1 >; 1st floor - common area	M
35044374	2nd fl - Common Area Lights ^ L-21	2 >; 2nd floor - common area	M
35044385	3rd fl - Back of House Lights ^ L-23	3 >; 3rd floor - Back of House	M
35044375	3rd floor - Atrium lights ^ L-22	3 >; 3rd floor - Atrium	M
35044376	4th fl - common area lights ^ L-24	4 >; 4th floor - common area	M
35044377	5th fl - Atrium area lights ^ L-26	5 >; 5th floor - Atrium area	M
35044384	5th fl - Back of House Lights ^ L-25	5 >; 5th floor - Back of House	M
35044378	6th fl - common area lights ^ L-27	6 >; 6th floor - common area	M
35044379	7th fl - Atrium lights ^ L-29	7 >; 7th floor - Atrium	M
35044383	7th fl - Back of House lights ^ L-28	7 >; 7th floor - common area - Back of House	M
35044380	8th fl - common area lights ^ L-30	8 >; 8th floor - common area	M
35044381	9th fl - common area lights ^ L-31	9 >; 9th floor - common area	M
35044382	10th fl - common area lights ^ L-32	10 >; 10th floor - common area	M
35044297	AIR HANDLING UNIT AC-1 ^ M-001	Basement - East >; BASEMENT - East	Q
35044301	AIR HANDLING UNIT AC-10 ^ M-010	Basement - East >; BASEMENT - East	Q
35044302	AIR HANDLING UNIT AC-19 ^ M-019	Basement - East >; BASEMENT - East	Q
35044298	AIR HANDLING UNIT AC-2 ^ M-002	Basement - East >; BASEMENT - East	Q
35044338	AIR HANDLING UNIT AC-24 ^ M-024	10 Center >; Mechanical Room	Q
35044339	AIR HANDLING UNIT AC-25 ^ M-025	10 Center >; Mechanical Room	Q
35044303	AIR HANDLING UNIT AC-31 ^ M-031	Basement - East >; BASEMENT - East	Q
35044304	AIR HANDLING UNIT AC-33 ^ M-033	Basement - East >; BASEMENT - East	Q
35044299	AIR HANDLING UNIT AC-8 ^ M-008	Basement - East >; BASEMENT - East	Q
35044300	AIR HANDLING UNIT AC-9 ^ M-009	Basement - East >; BASEMENT - East	Q
35044315	AUTOMATIC TRANS.SWITCH #1 ^ M-435	>; BASEMENT	Q
35044316	AUTOMATIC TRANS.SWITCH #2 ^ M-436	>; BASEMENT	Q
35044317	AUTOMATIC TRANS.SWITCH #3 ^ M-437	>; BASEMENT	Q
35044318	AUTOMATIC TRANS.SWITCH #4 ^ M-438	>; BASEMENT	Q
35044399	AUTOMATIC TRANS.SWITCH #5 ^ M-439	>; BASEMENT	Q
35044400	AUTOMATIC TRANS.SWITCH #6 ^ M-440	>; BASEMENT	Q
35044401	AUTOMATIC TRANS.SWITCH #7 ^ M-441	>; BASEMENT	Q
35044402	AUTOMATIC TRANS.SWITCH #8 ^ M-443	>; BASEMENT	Q
35044244	CIRCUIT BREAKER PANEL ^ APH-1A	1 West >; 1-256A IT Area	A
35044035	CIRCUIT BREAKER PANEL ^ APH-1G	1 East >; 1-523A USMS	A
35044337	CIRCUIT BREAKER PANEL ^ APH-1H	1 >; 1-610A	A
35044064	CIRCUIT BREAKER PANEL ^ APH-1-SM	1 >; 1-610A, 1st Foor	A
35044036	CIRCUIT BREAKER PANEL ^ APH-EM-1B2	1 East >; 1-523A USMS	A
35044037	CIRCUIT BREAKER PANEL ^ APH-EM-1D2	1 East >; 1-523A USMS	A
35044038	CIRCUIT BREAKER PANEL ^ APL-1A1-Sect.1	1 West >; 1-256A IT Area	A
35044019	CIRCUIT BREAKER PANEL ^ APL-1A1-Sect.2	1 West >; 1-256A IT Area	A

35044020	CIRCUIT BREAKER PANEL ^ APL-1A-Sect.1	1 West >; 1-256A IT Area	A
35044021	CIRCUIT BREAKER PANEL ^ APL-1A-Sect.2	1 West >; 1-256A IT Area	A
35044029	CIRCUIT BREAKER PANEL ^ APL-1B1	1 West >; 1W-383	A
35044033	CIRCUIT BREAKER PANEL ^ APL-1B1	1 West >; 1W-383	A
35044061	CIRCUIT BREAKER PANEL ^ APL-1B-Sect.2	1 West >; 1W-383	A
35044062	CIRCUIT BREAKER PANEL ^ APL-1B-Sect.2	1 West >; 1W-383	A
35044329	CIRCUIT BREAKER PANEL ^ APL-1F-Sect.1	1 >; 1-430C, N.E. News Rm. 1st Floor	A
35044333	CIRCUIT BREAKER PANEL ^ APL-1G1Sect.1	>; U.S. FEDERAL COURT, 1EW, 1 FLOOR, 610A, 1 FLOOR EAST WING	A
35044335	CIRCUIT BREAKER PANEL ^ APL-1G1-Sect.1	1 East >; 1-523A USMS	A
35044334	CIRCUIT BREAKER PANEL ^ APL-1G1Sect.2	1 East >; 1-523A USMS	A
35044330	CIRCUIT BREAKER PANEL ^ APL-1G1Sect1	>; U.S. FEDERAL COURT, 1EW, 1 FLOOR, 610, 1 FLOOR EAST WING	A
35044331	CIRCUIT BREAKER PANEL ^ APL-1GSect.1	1 East >; 1-523A USMS	A
35044332	CIRCUIT BREAKER PANEL ^ APL-1GSect.2	1 East >; 1-523A USMS	A
35044034	CIRCUIT BREAKER PANEL ^ APL-1G-Sect.2	1 East >; 1-523A USMS	A
35044063	CIRCUIT BREAKER PANEL ^ APL-1H	1 >; 1-610A, 1st Foor	A
35044323	CIRCUIT BREAKER PANEL ^ APL-EM-1A1-A	1C, 1 FLOOR, 1-523A, 1 CENTER	A
35044326	CIRCUIT BREAKER PANEL ^ APL-EM-1A1-B	1 >; 1-523A, 1 CENTER	A
35044327	CIRCUIT BREAKER PANEL ^ APL-EM-1A1-C	1 >; 1-523A, 1 CENTER	A
35044325	CIRCUIT BREAKER PANEL ^ APL-EM-COMM	1 >; USMS - 1-512	A
35044030	CIRCUIT BREAKER PANEL ^ DPH-1A	1 West >; 1-256A IT Area	A
35044328	CIRCUIT BREAKER PANEL ^ DPH-1A	1 West >; 1W-383	A
35044245	CIRCUIT BREAKER PANEL ^ DPH-1B	3W >; 1W-383	A
35044324	CIRCUIT BREAKER PANEL ^ DPH-1G	1 West >; 1W-383	A
35044412	CIRCUITBREAKER PANEL ^ APH-1B	1 West >; 1W-383	A
35044017	CIRCUITBREAKER PANEL ^ APH-1F	1 >; 1-430C, N.E. News Rm. 1st Floor	A
35044410	CIRCUITBREAKER PANEL ^ APL-1F-Sect.1	1 >; 1-430C, N.E. News Rm. 1st Floor	A
35044411	CIRCUITBREAKER PANEL ^ APL-1F-Sect.2	1 >; 1-430C, N.E. News Rm. 1st Floor East Wing	A
35044031	CIRCUITBREAKER PANEL ^ DPH-1B	1 West >; 1W-383	A
35044292	Condensate Pump - VRF system ^ M-540	10 >; 10-359	A
35044293	Condensate Pump - VRF system ^ M-541	10 >; 10-317	A
35044295	Condensate Pumps - VRF system ^ M-543	9 >; 9-645	A
35044171	CWP-10 VRF System ^ M-548	10 >; 10-317	A
35044172	CWP-11 VRF System ^ M-549	10 >; 10-359	A
35044173	CWP-12 VRF System ^ M-550	10 >; 10-359	A
35044390	CWP-13 VRF System ^ M-539	10 Center >; 10 Center Mechanical Room	A
35044391	CWP-14 VRF System ^ M-540	10 Center >; 10 Center Mechanical Room	A
35044392	CWP-15 VRF System ^ M-541	10 Center >; 10 Center Mechanical Room	A
35044393	CWP-16 VRF System ^ M-542	10 Center >; 10 Center Mechanical Room	A
35044013	CWP-4 VRF System ^ M-543	9 >; 9-606	A
35044014	CWP-5 VRF System ^ M-544	9 >; 9-645	A
35044169	CWP-6 VRF System ^ M-545	9 >; 9-645	A
35044168	CWP-7 VRF System ^ M-546	10 East >; 10th Fl East Mechanical Room	A
35044170	CWP-8 VRF System ^ M-547	10 East >; 10th Fl East Mechanical Room	A
35044305	DIESEL OIL PUMP P-16 ^ M-051	Basement >; Diesel Tank Room	Q
35044306	DIESEL OIL PUMP P-17 ^ M-052	Basement >; Diesel Tank Room	Q

35044307	DIESEL OIL PUMP P-18 ^ M-053	Basement >; Diesel Tank Room	Q
35044308	DIESEL OIL PUMP P-19 ^ M-054	Basement >; Diesel Tank Room	Q
35044403	EMERGENCY GENERATOR #1 ^ M-446	>; BASEMENT	M
35044404	EMERGENCY GENERATOR #2 ^ M-447	>; BASEMENT	M
35044357	EXHAUST AIR FAN F-100 ^ M-157	10 West >; Mechanical Room	S
35044183	EXHAUST AIR FAN F-102 ^ M-159	10 East >; Mechanical Room	S
35044184	EXHAUST AIR FAN F-103 ^ M-160	10 East >; Mechanical Room	S
35044185	EXHAUST AIR FAN F-105 - Dishwasher exhaust	10 East >; 10 FL. East	S
35044186	EXHAUST AIR FAN F-106 ^ M-163	10 East >; Mechanical Room	S
35044187	EXHAUST AIR FAN F-108 ^ M-165	10 East >; Mechanical Room	S
35044345	EXHAUST AIR FAN F-109 ^ M-166	10 East >; Mechanical Room	S
35044188	EXHAUST AIR FAN F-116 ^ M-173	10 West >; Mechanical Room	S
35044346	EXHAUST AIR FAN F-118 ^ M-175	10 East >; 10 FL.10 EAST Mech Room	S
35044347	EXHAUST AIR FAN F-119 ^ M-176	10 East >; Mechanical Room	S
35044348	EXHAUST AIR FAN F-120 ^ M-177	10 East >; Mechanical Room	S
35044349	EXHAUST AIR FAN F-121 ^ M-178	10 East >; Mechanical Room	S
35044350	EXHAUST AIR FAN F-23 ^ M-087	10 West >; Mechanical Room	S
35044340	EXHAUST AIR FAN F-25 ^ M-089A	10 East >; Mechanical Room	S
35044341	EXHAUST AIR FAN F-26 ^ M-089B	10 East >; Mechanical Room	S
35044351	EXHAUST AIR FAN F-49 ^ M-109	10 West >; Mechanical Room	S
35044352	EXHAUST AIR FAN F-50 ^ M-110	10 West >; Mechanical Room	S
35044353	EXHAUST AIR FAN F-51 ^ M-111	10 West >; Near AHU-29 & F-23	S
35044354	EXHAUST AIR FAN F-86 ^ M-146	10 West >; Between AHU-22 & AHU-26	S
35044342	EXHAUST AIR FAN F-90 ^ M-150	10 East >; Mechanical Room	S
35044343	EXHAUST AIR FAN F-91 ^ M-151	>; 10TH FLOOR EAST, 10 FL.10 EAST	S
35044356	EXHAUST AIR FAN F-99 ^ M-156	10 East >; Mechanical Room	S
35044364	HEAT PUMP #1 ^ M-380	10 East >; Mechanical Room	S
35044319	HEAT PUMP #11 ^ M-390	Basement - East >; Metro UPS Room	S
35044365	HEAT PUMP #2 ^ M-381	10 East >; Mechanical Room	S
35044279	HEAT PUMP #22 ^ M-401	1 West >; 1-400A, IT Department	S
35044396	HEAT PUMP #26 ^ M-405	2 East >; 2-622	S
35044280	HEAT PUMP #27 ^ M-406	1 West >; 1-7021 - Park Rangers Space	S
35044363	HEAT PUMP #43 ^ M-419	10 Center >; Elev Machine Room 13, 14, 15, 16	S
35044281	HEAT PUMP #44 ^ M-420	2 East >; 2-502	S
35044273	HEAT PUMP #48 ^ M-424	2 West >; 2-502	S
35044336	HEAT PUMP #49 ^ M-425	1 West >; 1-258 IT Dept.	S
35044278	HEAT PUMP #5 ^ M-384	2 West >; 2- 301A, inside 2-300	S
35044174	HWP-1 VRF System ^ M-551	10 West >; 10th Fl West Mechanical Room	A
35044175	HWP-2 VRF System ^ M-552	10 East >; 10th Fl East Mechanical Room	A
35044176	HWP-3 VRF System ^ M-553	10 East >; 10th Fl East Mechanical Room	A
35044177	HWP-4 VRF System ^ M-554	10 East >; 10th Fl East Mechanical Room	A
35044247	HWP-5 VRF System ^ M-555	10 East >; 10th Fl East Mechanical Room	A
35044248	HWP-6 VRF System ^ M-556	10 East >; 10th Fl East Mechanical Room	A
35044249	HX-10-2 VRF System ^ M-557	10 East >; 10th Fl East Mechanical Room	A
35044291	LC-1E ^ E-145	1 Center >; 1-430C, N.E. News Rm. 1st Floor	A

35044321	LC-1W ^ E-144	1 West >; Daily Catch Closet	A
35044362	LIEBERT DELUXE ACU #9 ^ M-434A	10 >; 10 FL. - USAO Server Room	M
35044274	LIEBERT System 3 ACU ^ M-433C	2 >; 2-512, 2nd Floor Server Room	M
35044287	Lights - Stair 1E ^ E-011	Multiple >; Stair 1 East - B Thru 10	M
35044289	Lights Stair C2 ^ E-013	Multiple >; Stair C2 - 1 Thru 9	M
35044290	Lights - Stair C3 ^ E-014	Multiple >; Stair C3 - B Thru 3	M
35044286	Lights Stair 1W ^ E-010	Multiple >; Stair 1 West - B thru 10	M
35044288	Lights Stair C1 ^ E-012	Multiple >; Stair C1 - B Thru 10	M
35044285	MAKE-UP AIR FAN F-35 ^ M-094B	Basement - West >; Mechanical Room	S
35044312	MAKE-UP AIR FAN F-36 ^ M-096	Basement >; East Mechanical Room	S
35044389	Mtr Starter - CWP 10 - VRF Sys ^ E-254	10 >; 10-317	A
35044387	Mtr Starter - CWP 11 - VRF Sys ^ E-252	10 >; 10-359	A
35044388	Mtr Starter - CWP 12 - VRF Sys ^ E-253	10 >; 10-359	A
35044361	Mtr Starter - CWP 7 - VRF Sys ^ E-249	10 East >; 10th Fl Mechanical Room	A
35044265	Mtr Starter - CWP 8 - VRF Sys ^ E-250	10 East >; 10th Fl Mechanical Room	A
35044366	Mtr Starter - CWP-4 - VRF Sys ^ E-245	9 >; 9-606	A
35044358	Mtr Starter - CWP-5 - VRF Sys ^ E-246	9 >; 9-645	A
35044359	Mtr Starter - CWP-6 - VRF Sys ^ E-247	9 >; 9-645	A
35044360	Mtr Starter - HWP 1 - VRF Sys ^ E-248	10 West >; 10th Fl Mechanical Room	A
35044367	Mtr Starter - HWP 2 - VRF Sys ^ E-251	10 East >; 10th Fl Mechanical Room	A
35044027	Plate & Frame HX - VRF system ^ M-536	10 Center >; 10 Center Mechanical Room	A
35044320	RC-1E ^ E-135	1 >; 1-430C, N.E. News Rm. 1st Floor	A
35044394	RETURN AIR FAN F-1 ^ M-066	Basement >; BASEMENT - East	S
35044311	RETURN AIR FAN F-13 ^ M-078	Basement - East >;	S
35044395	RETURN AIR FAN F-2 ^ M-067	Basement >; BASEMENT - East	S
35044313	RETURN AIR FAN F-70 ^ M-130	Basement - East >; Across from AC 33	S
35044309	RETURN AIR FAN F-8 ^ M-073	Basement >; BASEMENT - East	S
35044310	RETURN AIR FAN F-9 ^ M-074	Basement >; BASEMENT - East	S
35044371	Roofs @ Beak windows ^ B-103	Roof >; Roof	M
35044165	Roofs @ Harbor Park Entrance ^ B-104	Roof >; Roof	M
35044370	Roofs @ smile and smirk ^ B-102	Roof >; Roof	M
35044369	Playdeck Roof ^ B-101	Roof >; Roof	M
35044368	Main Roof ^ B-100	Roof >; Roof	M
35044283	SECONDARY LOOP ^ M-488	Basement >; Central Plant	A
35044405	SUMP PUMP #1 ^ M-454	Basement >; Fire Pump Room	S
35044406	SUMP PUMP #2 ^ M-455	Basement >; Central Plant	S
35044407	SUMP PUMP #3 ^ M-456	Basement >; Engineering	S
35044284	SUMP PUMP #4 ^ M-457	Basement - East >;	S
35044344	SUPPLY AIR FAN F-96 ^ M-153	10 East >; Mechanical Room	S
35044355	SUPPLY AIR FAN F-97 ^ M-154	10 West >; 10 FL. West - Above AUH 22	S
35044250	VFD - CWP-13 VRF System ^ E-235	10 Center >; 10 Center Mechanical Room	A
35044251	VFD - CWP-14 VRF System ^ E-236	10 Center >; 10 Center Mechanical Room	A
35044259	VFD - CWP-15 VRF System ^ E-237	10 Center >; 10 Center Mechanical Room	A
35044260	VFD - CWP-16 VRF System ^ E-238	10 Center >; 10 Center Mechanical Room	A
35044261	VFD - HWP-3 VRF System ^ E-239	10 East >; 10th Fl East Mechanical Room	A

35044262	VFD - HWP-4 VRF System ^ E-240	10 East >; 10th Fl East Mechanical Room	A
35044263	VFD - HWP-5 VRF System ^ E-241	10 East >; 10th Fl East Mechanical Room	A
35044264	VFD - HWP-6 VRF System ^ E-242	10 East >; 10th Fl East Mechanical Room	A
35044409	Wall Packs - E Light - Battery ^ LS-010	Multiple >; Multiple	S
35044397	Water heater ^ M-464A	1 >; Building Management Office	A
35044322	56 FAN POWERED VAV BOXES ^ M-294	1 >; 1 FL.	A
35044408	LOTO Stations ^ S-20	Multiple >; Multiple - Mechanical Spaces	M
35044373	Clothes Dryer ^ B-120	1 >; Daycare	S
35044296	EN BANC COURTROOM LIFT ^ M-473	Enbanc	Q
35044032	AHU Panic Stop ^ BMS-10	1 East >; Bld Mgt, Engineering, Cell Block Control Room	Q
35044294	2 Condensate Pumps - VRF sys ^ M-558	9 >; 9-606	A
35045393	CRASH RATED BARRIER GATES	GRND FL/BAY 1/BAY 4/SALLYPORT	M
35043846	Filter - Elev. Mach. Rm 13-16 ^ B-135	10 >; 10th floor - Elevator Machine Room 13-16	M
35044398	FIRE EXTINGUISHERS ^ M-483	All >; Building - Entire facility	M
35044282	FUEL OIL FILL CAP ^ F-001	Ground >; Courthouse Way	M

EXHIBIT 23 PREVENTIVE MAINTENANCE SCHEDULE

(Word document)

Per Section C.6.22.1 Maintenance Standard refer to Public Buildings Service Operations and Maintenance Standards 2012 (PM Guide). The GSA Preventative Maintenance Guide is provided for informational purposes, the contractor is to perform maintenance in accordance with the requirements in C.6.22.2.

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Flag Policy

1. Purpose. This document establishes policy and provides procedural guidance on flying the flag of the United States of America (Flag) and other flags and pennants for General Services Administration (GSA) facility management personnel and Federal agencies operating GSA-delegated buildings.

2. Procedures. The Flag shall be flown at all Federal buildings under GSA's jurisdiction, custody or control, including all buildings that have been delegated to other Federal agencies by the Administrator of General Services (Administrator), and GSA-leased buildings, if provisions for flying the Flag are addressed in the lease.

3. Responsibilities.

   a. GSA-Controlled Buildings. Unless specifically provided otherwise in this policy, GSA shall be responsible for flying the Flag at all GSA-controlled locations.

   b. Other Locations.

      1) Delegated. The agency delegated real property operation and maintenance authority shall fly the Flag at the delegated locations.

      2) Leased Locations. If provided for in the lease, either GSA, the tenant agency or the lessor shall be responsible for flying the Flag.

4. Contract Guards. The Department of Homeland Security (DHS), Federal Protective Service (FPS) will raise, lower and half-staff the Flag at all Federal buildings under GSA's jurisdiction, custody or control, including those buildings that have been delegated to Federal agencies by the Administrator of General Services (Administrator), where security is provided by DHS/FPS contract guards and the current guard post orders provide for the flying of the Flag. Future requests for new building locations will be considered by DHS in collaboration with GSA on a case-by-case basis. At Federal building locations not serviced by DHS/FPS contract guards, GSA facility management personnel or agencies operating GSA delegated buildings, as applicable, will be responsible and accountable for raising, lowering and half-staffing the Flag and other flags and pennants.

5. Supplying Flags and Flag Poles. GSA will provide the Flag to GSA facility management personnel in sufficient quantities so that there is at least one spare Flag at each Federally-owned location under the jurisdiction, custody or control of GSA. Federal agencies with buildings delegated by the Administrator are responsible for acquiring Flag replacements from either GSA's Federal

Acquisition Service (FAS) or another commercial source. At leased locations where the lease provides for flying the Flag, the lessor is responsible for acquiring the Flag from a commercial source. Lessors are not authorized to order Flags from the FAS schedules. The Flags supplied or acquired in accordance with this section shall conform to the dimensions set forth at 4 U.S.C. § 1 note.

GSA shall provide flag poles on Federally-owned buildings under its jurisdiction, custody or control, including those that have been delegated to other Federal agencies by the Administrator. Federal agencies with buildings delegated by the Administrator are responsible for maintaining the flag poles. At leased facilities where the lease provides for a flag and flagpole, the lessor shall provide and maintain the flag pole in accordance with the lease requirements. The procedures for flying the Flag must be followed by GSA facility management personnel, facility management personnel for other Federal agencies that have been delegated real property operation and management authority by the Administrator and lessors as specified in the lease.

6. Flag Disposal. The method of disposing of the Flag shall conform to the provisions set forth at 4 U.S.C. § 8(k).

7. Flag Size. The Flag dimensions authorized for executive agencies shall conform to the provisions of Executive Order 10834 (August 21, 1959), which is set forth at 4 U.S.C. § 1 note.

8. Flag Pole. Standards for flag pole installations at buildings and grounds under GSA jurisdiction, custody or control are addressed in the *Facilities Standards for the Public Buildings Service,* PBS-P100. The Facilities Standards are located on the Internet at http://www.gsa.gov/P100.

9. Flying the Flag. The Flag shall be flown:

a. Between sunrise and sunset, except as specified in subsections d, e and i, below. The times for raising and lowering the Flag are based on agency work schedules and availability of staffing to raise and lower the Flag;

b. On all workdays;

c. Seven days a week in the District of Columbia;

d. Seven days a week, from sunrise until 10:00 p.m., at the National Archives and Records Administration in Washington, D.C.;

e. Seven days a week, 24 hours a day, at Land Ports of Entry (formerly U.S. Customs Ports of Entry) that are open continuously;

f. On days designated by Public Law 94-344 (Joint Resolution to Codify and Emphasize Existing Rules and Customs Pertaining to the Display and Use

of the Flag of the United States of America) and Public Law 105-85 (National Defense Authorization Act for Fiscal Year 1998):

1) When the day falls on a Saturday and the event day is observed on the preceding Friday, the Flag is flown on both Friday and Saturday; and

2) When the day falls on a Sunday and the day is observed on the following Monday, the Flag is flown on both Sunday and Monday;

g. In a particular State, on the statehood anniversary date and on the state holidays of each State;

h. On other occasions specified in this policy; and

i. At night, on occasions authorized by either the Administrator or the GSA Regional Administrator for an affected region. As required by Section 10, below, Flags flown during darkness must be illuminated.

10. Illumination of the Flag. Flags flown during darkness must be illuminated. The Flag may be displayed seven days a week, 24 hours a day, if properly illuminated during the hours of darkness. Illuminated Flags are not raised and lowered each day; however, illuminated Flags must be appropriately half-staffed on the days specified in this policy.

11. Flag Flying Exceptions. As part of the authorities delegated and the operational functions assigned by the Administrator to the Regional Administrators, the Regional Administrators, for buildings in their regions, have the authority to determine when flying the Flag may be impractical at certain locations because:

a. It is a classified installation;

b. The facility is leased, owner-operated and used only for storage;

c. There is a short-term lease on the facility and no intent to renew the lease; or

d. The flag pole location presents a safety hazard to raising and lowering the Flag and relocating the flag pole is impractical. In such situations, the Flag need not be flown until the safety hazard is abated.

12. Flying the Flag in Stormy Weather. The Flag is not to be flown, for safety reasons, during high winds, severe storms or icy conditions.

13. Days to Display the Flag. In accordance with Public Law 94-344, the Flag must be displayed at all buildings under GSA's jurisdiction, custody or control, including those that have been delegated to other Federal agencies by the Administrator, and GSA-leased buildings, if provisions for flying the Flag are addressed in the lease, on the following days:

New Year's Day……January 1
Martin Luther King's Birthday*……Third Monday in January
Inauguration Day (every fourth year)……January 20
Lincoln's Birthday…… February 12
Washington's Birthday……Third Monday in February
Easter Sunday…… Variable
Mother's Day……Second Sunday in May
Peace Officers Memorial Day**…… May 15
Armed Forces Day…… Third Saturday in May
Memorial Day***. …… … Last Monday in May
Flag Day……June 14
Independence Day…….. July 4
Labor Day……..First Monday in September
Patriot Day****……September 11
Constitution Day……...September 17
National Fallen Firefighters Memorial
Day*****……To Be Determined
Columbus Day……..Second Monday in October
Navy Day…….. October 27
Veterans Day……November 11
Thanksgiving Day…… Fourth Thursday in November
Remembrance of Pearl Harbor……..December 7
Christmas Day……..December 25
Other days proclaimed by the President of the United States.

* Designated by Public Law 98-144, 5 U.S.C. § 6103 (An Act to amend Title 5, United States Code, to make the birthday of Martin Luther King, Jr., a legal public holiday).

** Designated by Public Law 103-322 (Violent Crime Control and Law Enforcement Act of 1994).

*** Half-staff until noon and then raise until sunset.

**** Designated by Public Law 107-89, 36 U.S.C. § 144.

***** Designated by Public Law 107-51.

14. Displaying the POW/MIA Flag. In accordance with Public Law 105-85, the POW/MIA flag must be displayed at the following buildings under GSA's jurisdiction, custody or control, including those that have been delegated to other Federal agencies by the Administrator, and GSA-leased buildings, if provisions for flying the Flag are addressed in the lease, on the following days:

a. Locations:

Buildings containing the official offices of the:
- Secretary of State;

- Secretary of Veterans Affairs; and
- United States Postal Service.

b. Days to Display the POW/MIA Flag:

Armed Forces Day……..Third Saturday in May
Memorial Day……Last Monday in May
Flag Day……June 14
Independence Day……..July 4
National POW/MIA Recognition Day……To Be Determined
Veterans Day……November 11

15. Other Flags and Pennants. The GSA Regional Administrator may authorize the flying of additional flags and pennants as follows:

a. State Flag. In a particular State, on the anniversary of statehood, on State holidays and on other special occasions;

b. City Flag. In a particular City, on the anniversary of the founding of the City and on other special occasions; and

c. Pennants. For a limited period following the receipt of a special award by a Federal agency or in connection with a fund drive.

These other flags and pennants must not be larger than the Flag and must be on the flag pole beneath the Flag when flown on the same staff.

16. Requests to Half-Staff the Flag. In addition to Presidential orders or instructions, recognized customs or practices not inconsistent with law and proclamations from a Governor or the Mayor of the District of Columbia, all as provided in 4 U.S.C. § 7, as amended, the heads of departments and agencies of the Federal Government operating GSA-delegated buildings and GSA's Regional Administrators may request that the Flag be flown at half-staff on buildings or grounds under their jurisdiction on occasions other than those specified in 4 U.S.C. § 7, as amended, that they consider proper. All such requests shall be considered and assessed for appropriate action by the affected GSA region(s).

17. Notification Process to Half-Staff the Flag. The process for notifying GSA facility management personnel and Federal agencies operating GSA-delegated buildings to fly the Flag at half-staff depends on whether the request is to fly the Flag at half-staff nationwide, statewide, locally, or agencywide on buildings or grounds under the jurisdiction, custody or control of GSA, other Federal agencies operating GSA-delegated buildings or GSA-leased buildings, if provisions for flying the Flag are addressed in the lease.

a. Nationwide. Except as otherwise provided in 4 U.S.C. § 7, as amended, requests to fly the Flag at half-staff nationwide must originate from the White House. The request is telephoned in to the DHS/FPS MegaCenter, with a follow-up order by e-mail from the White House to the MegaCenter. The request is then sent by e-mail to the GSA facility management personnel

and Federal agencies operating GSA-delegated buildings for implementation.

b. Statewide and the District of Columbia. Except as otherwise provided in 4 U.S.C. § 7, as amended, requests to fly the Flag at half-staff statewide or in the District of Columbia must originate from the Governor's Office of the State, Territory or U.S. Possession, or the Mayor's Office of the District of Columbia, as applicable. All requests must be telephoned in to the DHS/FPS MegaCenter that sends out alerts to Federal buildings in that State, Territory or U.S. Possession, or in the District of Columbia, as applicable. The telephone request must be accompanied by a follow-up order by e-mail from the Governor's Office or the Mayor's Office, as applicable, to the MegaCenter. The request is then sent by the MegaCenter via e-mail to the appropriate GSA facility management personnel and Federal agencies operating GSA-delegated buildings for implementation.

c. Local. Requests to fly the Flag at half-staff on a particular GSA building, a group of GSA buildings or GSA buildings citywide must be approved by the local GSA Regional Administrator or his or her designee. Once approved, the local GSA regional office shall notify the appropriate GSA facility management personnel and Federal agencies operating GSA-delegated buildings for implementation.

d. Agencywide. Requests to fly the Flag at half-staff on a department or agencywide basis are telephoned in to the appropriate DHS/FPS MegaCenter(s) with a follow-up request from the department or agency head to the MegaCenter. The MegaCenter shall contact the Administrator or his or her designee for approval. Once approved, the MegaCenter shall e-mail the order together with the appropriate agency building list to the GSA facility management personnel and Federal agencies operating GSA-delegated buildings for implementation.

18. Occasions to Half-Staff the Flag. The Flag shall be flown at half-staff at all Federal buildings under GSA's jurisdiction, custody or control, including all buildings that have been delegated to other Federal agencies by the Administrator, and GSA-leased buildings, if provisions for flying the Flag are addressed in the lease, upon the death of the persons identified in section 19, below. In addition, occasions for flying the Flag at half-staff at certain GSA-controlled facilities include:

a. Non-Delegated Buildings. The death of a person other than those identified in section 19, below, who occupied a specific non-delegated building, where the head of the department or agency has authorized the half-staffing of the Flag. In such instances, the head of the deceased person's department or agency may request the Administrator or his or her designee, or the GSA Regional Administrator (for buildings in his or her region), to half-staff the Flag at the specific building designated by the agency head. The head of the department or agency does not have the authority to direct that the Flag be flown at half-staff at other facilities under

GSA's control. However, the head of the department or agency may request the Administrator or his or her designee, or the GSA Regional Administrator (for buildings in his or her region), to lower the Flag for the other facilities; and

b. Delegated Buildings. The death of a person other than those identified in section 19, below, who occupied a specific delegated building, where the head of the department or agency has authorized the half-staffing of the Flag. In such instances, the head of the department or agency does not have the authority to direct that the Flag be flown at half-staff at other facilities under GSA's control. However, the head of the department or agency may request the Administrator or his or her designee, or the GSA Regional Administrator (for buildings in his or her region), to lower the Flag for the other facilities.

19. Time Frames and Locations for Half-Staffing the Flag. Provided below are the time frames and locations for flying the Flag at half-staff upon the death of the following officials (as enumerated in 4 U.S.C. § 7, as amended).

PRESIDENT OF THE UNITED STATES

Period - 30 days from the day of death.

Location - All Federal buildings under GSA's jurisdiction, custody or control, including all buildings that have been delegated to other Federal agencies by the Administrator, and GSA-leased buildings, if provisions for flying the Flag are addressed in the lease.

FORMER PRESIDENT OF THE UNITED STATES

Period - 30 days from the day of death.

Location - All Federal buildings under GSA's jurisdiction, custody or control, including all buildings that have been delegated to other Federal agencies by the Administrator, and GSA-leased buildings, if provisions for flying the Flag are addressed in the lease.

VICE PRESIDENT OF THE UNITED STATES

Period - 10 days from the day of death.

Location - All Federal buildings under GSA's jurisdiction, custody or control, including all buildings that have been delegated to other Federal agencies by the Administrator, and GSA-leased buildings, if provisions for flying the Flag are addressed in the lease.

FORMER VICE PRESIDENT OF THE UNITED STATES

Period - From the day of death until interment.

Location - All Federal buildings under GSA's jurisdiction, custody or control, including all buildings that have been delegated to other Federal agencies by the Administrator, and GSA-leased buildings, if provisions for flying the Flag are addressed in the lease.

THE CHIEF JUSTICE OF THE SUPREME COURT

Period - 10 days from the day of death.

Location - All Federal buildings under GSA's jurisdiction, custody or control, including all buildings that have been delegated to other Federal agencies by the Administrator, and GSA-leased buildings, if provisions for flying the Flag are addressed in the lease.

RETIRED CHIEF JUSTICE OF THE SUPREME COURT

Period - 10 days from the day of death.

Location - All Federal buildings under GSA's jurisdiction, custody or control, including all buildings that have been delegated to other Federal agencies by the Administrator, and GSA-leased buildings, if provisions for flying the Flag are addressed in the lease.

ASSOCIATE JUSTICE OF THE SUPREME COURT

Period - From the day of death until interment.

Location - All Federal buildings under GSA's jurisdiction, custody or control, including all buildings that have been delegated to other Federal agencies by the Administrator, and GSA-leased buildings, if provisions for flying the Flag are addressed in the lease.

SPEAKER OF THE HOUSE OF REPRESENTATIVES

Period - 10 days from the day of death.

Location - All Federal buildings under GSA's jurisdiction, custody or control, including all buildings that have been delegated to other Federal agencies by the Administrator, and GSA-leased buildings, if provisions for flying the Flag are addressed in the lease.

MEMBER OF THE CABINET

Period - From the day of death until interment.

Location - All Federal buildings under GSA's jurisdiction, custody or control, including all buildings that have been delegated to other Federal agencies by the Administrator, and GSA-leased buildings, if provisions for flying the Flag are addressed in the lease.

PRESIDENT PRO TEMPORE OF THE SENATE

Period - From the day of death until interment.

Location - All Federal buildings under GSA's jurisdiction, custody or control, including all buildings that have been delegated to other Federal agencies by the Administrator, and GSA-leased buildings, if provisions for flying the Flag are addressed in the lease.

MAJORITY LEADER OF THE HOUSE OF REPRESENTATIVES

Period - From the day of death until interment.

Location - All Federal buildings under GSA's jurisdiction, custody or control, including all buildings that have been delegated to other Federal agencies by the Administrator, and GSA-leased buildings, if provisions for flying the Flag are addressed in the lease.

MINORITY LEADER OF THE HOUSE OF REPRESENTATIVES

Period - From the day of death until interment.

Location - All Federal buildings under GSA's jurisdiction, custody or control, including all buildings that have been delegated to other Federal agencies by the Administrator, and GSA-leased buildings, if provisions for flying the Flag are addressed in the lease.

U.S. SENATOR, U.S. REPRESENTATIVE, TERRITORIAL DELEGATE, OR RESIDENT COMMISSIONER FROM PUERTO RICO

Period - On the day of death and on the following day.

Location - All Federal buildings under GSA's jurisdiction, custody or control, including all buildings that have been delegated to other Federal agencies by the Administrator, and GSA-leased buildings, if provisions for flying the Flag are addressed in the lease, in the metropolitan area of the District of Columbia and in the State, Congressional District, Territory, U.S. Possession, or Commonwealth of such Senator, Representative, Delegate, or Commissioner, respectively.

GOVERNOR OF STATE, TERRITORY OR POSSESSION

Period - From the day of death until interment.

Location - All Federal buildings under GSA's jurisdiction, custody or control, including all buildings that have been delegated to other Federal agencies by the Administrator, and GSA-leased buildings, if provisions for flying the Flag are addressed in the lease, in the State, Territory or U.S. Possession, respectively.

OTHER OFFICIALS, FORMER OFFICIALS OR FOREIGN DIGNITARIES

Period - As directed by the President, or in accordance with recognized customs or practices not inconsistent with law.

Location - As directed by the President, or in accordance with recognized customs or practices not inconsistent with law.

FEDERAL OFFICIALS

Period - On the day of death and on the following day (if requested).

Location - The building where the official performed his or her duty and those buildings that are occupied by the official's department or agency in the same geographic area, including Federal buildings under GSA's jurisdiction, custody or control, buildings that have been delegated by the Administrator to other Federal agencies in the location where the head of the official's agency has requested that the Flag be flown at half-staff and GSA-leased buildings, if provisions for flying the Flag are addressed in the lease.

STATE OFFICIALS (OTHER THAN THE GOVERNOR) AND OFFICIALS OF THE DISTRICT OF COLUMBIA

Period - On the day of death and on the following day.

Location - At locations as requested throughout the State or in the District of Columbia, as applicable, including all Federal buildings under GSA's jurisdiction, custody or control, all buildings that have been delegated by the Administrator to other Federal agencies and GSA-leased buildings, if provisions for flying the Flag are addressed in the lease.

CITY OFFICIAL

Period - On the day of death and on the following day.

Location - At locations as requested in the City where the official performed his or her duty, including all Federal buildings under GSA's jurisdiction, custody or control, all buildings that have been delegated by the Administrator to other Federal agencies and GSA-leased buildings, if provisions for flying the Flag are addressed in the lease.

MEMBER OF THE ARMED FORCES FROM ANY STATE, TERRITORY, POSSESSION, OR THE DISTRICT OF COLUMBIA WHO DIES WHILE SERVING ON ACTIVE DUTY

Period - As directed by proclamation or other order from the Governor of a State, Territory or U.S. Possession, or the Mayor of the District of Columbia, pursuant to Public Law 110-41, the "Army Specialist Joseph P. Micks Federal Flag Code Amendment Act of 2007."

Location - All Federal buildings throughout the State, Territory, U.S. Possession, or the District of Columbia covered by the proclamation or other order that are under GSA's jurisdiction, custody or control, including all buildings that have been delegated to other Federal agencies by the Administrator, and GSA-leased buildings, if provisions for flying the Flag are addressed in the lease.

PROMINENT CITIZENS (NOT ENUMERATED IN STATUTE)

Period - On the day of death and on the following day.

Location - Whichever of the above locations is applicable, as provided in accordance with Presidential orders or instructions, recognized customs or practices not inconsistent with law, or proclamations or other orders from a Governor of a State, Territory or U.S. Possession, or the Mayor of the District of Columbia.

EXHIBIT 25 ELEVATOR DATA

ELEVATOR DATA								
Number of Escalators /Elevators	Location	Elevator Number	Passenger / Freight	Manufacturer	Stops	Type	Capacity	Control System
4 Elevators	Main Lobby	13,14,15,16	Passenger	Montgomery Kone	9	Gearless Traction	4,500 Lbs.	Traction
2 Car Group Elevators	Back of the house	No. 3 & 4 No. 8 & 9	Staff Passenger	Montgomery Kone	9	Gearless Traction	Elevator 3, 8 & 9 – 3,000 Lbs. Elevator 4 – 6,000 Lbs.	Traction
5 Single elevators	Behind the Courtrooms	No. 2,5,6,7,10	Prisoner	Montgomery Kone	9	Geared Traction	4,500 Lbs.	Traction
2 Single Elevators	Back of the house	No. 1,12	Judges	Montgomery Kone	9	Geared Traction	3,000 Lbs.	Traction
1 Single Freight	Back of the house	No. 11	All building tenants	Montgomery Kone	9	Geared Traction	8,000 Lbs.	Traction
2 Single Hydraulic	Back of the house	No. 17 & 18	Passenger	Montgomery Kone	9	Hydraulic	3,500 Lbs.	Hydrauli c

Handicapped Motorized Lifts Three permanent and one portable.
Manufacturer: National Wheel-O-Vator
Control System: Screw
Capacity: 750 Lbs.

1. Lift near room 2 West 535 Financial Area
2. Lift at exhibit storage room 2 East 229
3. Lift connecting entry levels 5W(west)614
4. One portable demountable wheelchair lift.

EXHIBIT 26 SAFETY AND HEALTH

This section is applicable to all work covered by this contract.

A Occupant Emergency Plan (OEP). Every Federal Building has an OEP. It provides a plan for tenants and staff to follow in the event of various emergencies affecting the building. The contractor is responsible for maintaining and managing the OEP and distributing updates to the tenants. The Contractor's Chief Engineer serves as the Chief Warden of the OEP.

1) Drills*:* The contractor shall conduct at least one (1) OEP drills per year and/or in accordance with industry standards and Building Security Committee requirements. These include, but are not limited to, fire drills, Code Adam drills and Shelter in Place drills. All on-site contractor employees are required to be able to operate the fire alarm system and respond to an alarm. Subcontractors will assist at no extra cost to the Government.

2) Training: In conjunction with the United States Marshal Service, the contractor shall provide training to tenants as needed to ensure that tenants are comfortable with the safety procedures of the building. The contractor will coordinate two (2) official training sessions each year.

3) Meetings: The contractor will conduct at least 2 meetings/training sessions with OEP members.

EXHIBIT 27

National Computerized Maintenance Management System

Spreadsheet for Data Uploader - V0.9

Instructions

1. Read these instructions, then Select the spreadsheet tab titled 'Enter your equipment here'

2. Enter your inventory information following the example provided on the "Sample Inventory" Sheet. Additional Information is provided by hovering over column headings.

NOTE: Fields marked by an '*' to the left of the column headings are the required minimum thresholds.

Required	Heading	Description
*	**Equipment_ID**	**Unique ID for each piece of equipment (9-digit number, for example 000000001)**
*	**Equipment_Type**	**Select a valid equipment type from the drop down list. See the NCAD Std tab for valid equipment types. You can select an NCAD Standard more than once for example: there are 4 types of Air Handlers listed but you may have many more than 4 Air Handlers in your building. Use each NCAD Standard as many times as needed for as many pieces of equipment that it applies to. For example, you could have several Equipment_Type of "AHU-1" in your list. They'd each get a unique Equipment_Sequence number.**
*	Equipment_Sequence	Enter the sequence number for this piece of equipment based on the Equipment_Type, for example enter 003 for the third Air Handling Unit (AHU) in the building.
*	**Equipment_Description**	**Enter a description for the piece of equipment**
*	Asset_Identification_Code	Old Equipment ID or other Equipment ID if the piece of equipment is identified differently (if you have it, we want it)
*	Manufacturer	Select a valid manufacturer from the drop down list.
*	Model_Number	Enter the model #
*	Serial_Number	Enter the serial #
*	**Equipment_Status**	**Select a valid equipment status from the drop down list. See the Status tab for a list of valid statuses.**
	Region	Enter the Region #
	Service_Center	Enter the Service Center
	Campus	Enter the campus
	Building_Name	Enter the name of the building
*	**Building_Number**	**Enter the building #**
*	**Floor**	**Select a valid floor from the drop down list. See the Floor tab for the list and descriptions.**
*	Room_type	Select a valid room type from the drop down list. See the Room tab for the list and descriptions.
*	**Location_Description**	**Enter additional location description information including directional information to locate the piece of equipment and/or actual room #.**
	Maintenance_Responsibility	The shop or craft responsible for maintaining the piece of equipment.
	Parent_ID	The Equipment ID of the parent piece of equipment.
	Warranty_Expiration_Date	The warranty expiration date
*	Criticality	Equipment criticality indicates an asset's importance for the safety and operational effectiveness of GSA and our tenants in a property
	Equipment_Owner	Select a valid owner from the drop down list. See the Owner tab for a list of valid values.
	Initial_Equipment_Cost	Cost to purchase the piece of equipment originally.
*	Installation_Date	The date the piece of equipment was installed.
	EquipmentValue	The approximate cost to replace the piece of equipment
*	Equipment_Attribute_Name	The name of the Equipment Attribute, ie. Motor, Horsepower, etc. **See note below
*	Equipment_Attribute_Value	The value of the attribute.
*	Equipment_Attribute_Units	The units associated with the attributes value if applicable.
	Comments	Any additional information relevant to this piece of equipment.

**Each piece of equipment can have up to 4 additional attributes. If more attributes are need please contact CO or designee.

3. Save the spreadsheet using the Building Number as the file name, for example: NJ0108ZZ.xls

4. Send an email to CO or designee with a Subject: like "Uploaded building number IA0112ZZ for Region 06"

5. The National CMMS dashboard will be updated after data is loaded into the system.

Note: The awardee will be given the full version of the template to be completed.

EXHIBIT 28

AREA TRADES COUNCIL

Operating Engineers (IUOE) Local 877 Electrical Workers (IBEW) Local 103
Carpenters Union (NERCC) Local 51 Plumbers and Gasfitters (UA) Local 12
Painters and Allied Trades (IUPAT) Council #35
89 Access Road, Unit 4, Norwood, MA 02062 (781) 769-1877 fax (781) 769-2165

Amendment # 1 to the

Collective Bargaining Agreement between
EMCOR Facilities Services, Inc. ("Employer") and
The Area Trades Council

International Brotherhood of Electrical Workers, Local 103
New England Regional Council of Carpenters, Local 51
International Union of Operating Engineers, Local 877
Plumbers and Gasfitters Union (UA) Local 12
Painters District Council No. 35
Effective 8/1/2017 thru 7/31/2018

The parties agree to modify and replace Article X, Wages, and Article XXVI, Term of Agreement, and Article XIX section 19.2, Insurance with the following:

	Article X, Wages
Maintenance Electrician	$39.07
Plumber	$39.07
HVAC Mechanic	$39.07
General Maintenance	$29.22

3.0% increase to all rates on the Wage Scale per Hour, effective August 1, 2017 as seen in the above wage rate table.

Article XXVI, Term of Agreement

Article XXVI, replace dates of 8/1/13 and 7/31/17 with 8/1/17 and 7/31/18

Article XIX section 19.2 Insurance

Delete Medical, Dental, STD, LTD & Life Insurance in its entirety and **Replace with**:
The Company shall contribute toward the union sponsored Medical, Dental, STD, LTD & Life Insurance plans in total based on the following table:

Employee only -	$476 Monthly
Employee +1 -	$974 Monthly
Family -	$1,489 Monthly
Waive Coverage -	No Contribution

The employee will be responsible for the difference between the monthly cost of the Union's health and welfare plans and the Company's contribution. The difference will be withheld from the employee's paycheck on a weekly basis.

The parties agree that all other articles remain unchanged and shall remain in full force and effect until July 31, 2018.

Accepted:

For: **EMCOR Facilities Services, Inc.**

(b) (6) [redacted]

6/14/2017
Date

6/14/2017
Date

For: **The Area Trades Council AFL-CIO**

The International Union of Operating Engineers, Local 877, AFL-CIO

(b) (6) [redacted]

Date 7-14-17

The International Brotherhood of Electrical Workers, Local 103, AFL-CIO

(b) (6) [redacted]

7/14/17
Date

~~New England Regional~~ Council of Carpenters, Local 51, AFL-CIO

(b) (6) [redacted]

Date

Plumbers Union 12, United Association of Journeymen and Apprentices of the Plumbing and Pipefitting Industry of [redacted]IO

(b) (6) [redacted]

7/14/17
Date

[redacted] Trades, Council #35

(b) (7)(A),(b) (6) [redacted]

Date

COLLECTIVE BARGAINING AGREEMENT

BETWEEN

EMCOR Facilities Services, Inc.
(MOAKLEY FEDERAL COURTHOUSE)

AND

THE AREA TRADES COUNCIL

INTERNATIONAL BROTHERHOOD OF ELECTRICAL WORKERS, LOCAL 103
NEW ENGLAND REGIONAL COUNCIL OF CARPENTERS, LOCAL 51
INTERNATIONAL UNION OF OPERATING ENGINEERS, LOCAL 877
PLUMBERS AND GASFITTERS UNION (UA) LOCAL 12
PAINTERS DISTRICT COUNCIL NO. 35

August 1, 2013 through **July 31, 2017**

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This Agreement, signed this __ day of August, 2013 by and between Area Trades Council: Local 877, International Union of Operating Engineers, AFL-CIO; Local 103, International Brotherhood of Electrical Workers, AFL-CIO; Local 51, New England Regional Council of Carpenters, AFL-CIO; Local 12, United Association of Journeymen and Apprentices of the Plumbing Industry of the united States and Canada, AFL-CIO; Council #35, Painters and Allied Trades District, AFL-CIO, party of the first part and hereinafter referred to as the Union and EMCOR Facilities Services, Inc., hereinafter referred to as the Company, covering all bargaining unit employees who are assigned regular duties at the Moakley Federal Courthouse, Boston, Massachusetts, where the Company provides, operations and maintenance services.

That for the purpose of mutual understanding and in order that a harmonious relationship may exist between the Company and, the employees in the unit herein defined, and to the end that continuous and efficient service may be rendered by both parties for the mutual benefit of both, it is hereby agreed that:

DEFINITIONS

In this Agreement, when the word "employee" is used, it refers to the persons occupying the job classifications covered under this Agreement. Use of the pronoun "he" refers to male and female employees alike. The phrase "base wage rate" refers to the wages set out in Exhibit "A" attached or the employee's actual wage, whichever is greater. The word "Company" means any EMCOR Facilities Services officer or any other individual the Company has authorized to act in its behalf.

ARTICLE I
RECOGNITION OF THE UNION

Section 1. The Company recognizes the Union as the exclusive representative for the purpose of collective bargaining with respect to rates of pay, hours of work, and other conditions of employment for its employees falling within the classification Lead Technician, Maintenance Electrician, HVAC Technician and Generalist/Maintenance Helper. The Union and Company agree that additional classifications may be added upon mutual agreement between the Company and the Union in a letter of understanding, if the business necessitates the need for additional classifications.

ARTICLE II
ENTIRE AGREEMENT

Section 2.1. Entire Agreement: This Agreement shall constitute the entire agreement between the Company and Union and supersedes and invalidates all prior agreements, understandings and communications, whether written or verbal, and no variance or modification thereof shall be valid and enforceable except by a supplemental Agreement in writing and executed and approved in the same manner as this Agreement.

ARTICLE III
PROBATIONARY PERIOD

Section 3.1. **Initial Period of Employment**: The Company and Union agree that the first 90 days of employment for a new hire is the "initial period of employment." During this period the employee may be discharged and/or separated from employment with or without cause. Separation of employment during the "initial period of employment" shall not be eligible and/or subject to Article XXI, Grievance and Arbitration for any disputes arising from separation of employment.

In addition, any disputes arising from interpretation, application, or any claim of violation of this Agreement by the employee during the "initial period of employment" are eligible for and/or subject to Article XXI, Step One only of the Grievance and Arbitration provision under this Agreement.

The employee's vacation and sick leave entitlement shall be calculated from actual date of hire.

ARTICLE IV
UNION SECURITY

Section 4.1. All employees covered by this Agreement shall, as a condition of their employment, become members of the Union not later than the 30th day next following the date of their employment or the effective date of this Agreement, whichever is later; and shall thereafter remain in good standing in accordance with Section 8(a) (3) of the Labor-Management Relations Act, 1947. This paragraph shall not be applied or deemed effective or applicable in any other jurisdiction where its application would be contrary to law.

Section 4.2 Subject to the provisions of said Act, the Company will, within five (5) days after receipt of written notice from the Union, discharge any employee who is not in good standing in the Union as required by the preceding paragraphs. Discharges under this paragraph are considered voluntary terminations. This paragraph shall not be deemed effective or applicable in any jurisdiction where its application would be contrary to law.

Section 4.3 **Dues Check-off** The Employer shall deduct the appropriate Union Dues from each Union member's weekly wages upon proper authorization provided by the employees the Employer shall forward such monies, on or before the 20th of the following month to the respective Local Unions. Each respective Union will provide the Company with their dues structure and the location to which the dues shall be forwarded.

Section 4.4 **PAC** The Employer has agreed to execute a side letter outlining employee contributions to the Engineers Political Education Committee at a future date.

ARTICLE V
SCOPE OF WORK

Section 5.1. The scope of work of the Union shall extend over and include the operations and maintenance and minor repair:

a) All boilers, their accessories and appurtenances, if applicable.

b) All fired or unfired pressure vessels and vacuum systems.

c) All refrigeration and air-conditioning machinery and their associated equipment, including maintenance and repair of cold storage spaces.

d) All plumbing and piping, including water, heating, and sanitation systems.

e) All electrical appliances and fixtures, including lamping.

f) All emergency power equipment.

g) All electric motors, generators, circuits, and minor switchgear.

h) All machinery and equipment used in the production and for the health and comfort of the Employer's business and personnel.

i) Any and all equipment, building systems, components and spaces under the supervision of the Operations Manager.

Section 5.2. **Scope of Work (Vendors)**: Non-bargaining unit employees of the employer or the employer's vendors or contractors may only perform work of a technical nature related to monitoring, performance and diagnosing problems for the purpose of instruction and training. It is understood that any vendor hired by the property management company and/or designees or the Federal Government is not bound by this Agreement and will be able to perform additional service work. Employees covered by this Agreement cannot engage in activities that are in direct competition with business activities of the Employer at the Moakley Federal Courthouse in Boston.

Section 5.3. **Exempt Repairs** It is further agreed that the following services shall not be performed by the employees covered herein: Energy Management Diagnostic repair beyond scope of the employees; lighting control diagnostic repairs beyond the scope of employees; Major generator repairs; Centrifugal Chiller service/repair; Reciprocating chiller service/repair; Major switchgear teardown/infrared testing; Major motor/pump replacement repairs; Water treatment and testing; Raw water analysis; Fire alarm testing and repair, fire pump testing and repair, dry system testing and repair; Boiler testing and major repair; Air compressor testing major repair. It is further agreed that any repairs or maintenance which is beyond the scope of the employees covered herein to perform are exempted from said scope of work.

ARTICLE VI
NONDISCRIMINATION

Section 6.1. The Company and the Union, in the performance of this Agreement are deeply committed to a policy of equal employment opportunity for all job applicants and employees working in the job classifications covered by this Agreement. The Company actively seeks to employ qualified individuals in all covered job classifications and to administer all personnel actions effecting employees without discrimination on the basis of race, color, religion, sex, age, national origin or union membership. Persons with disabilities, veterans with disabilities and veterans of the Vietnam era will be given the fullest consideration for employment in the job classifications for which they are qualified. The Company and the Union are committed to making reasonable accommodation for qualified individuals and disabilities as well as to abide by any and all local laws, which in addition to the above prohibit discrimination, sexual harassment or workplace harassment in any form.

Section 6.2. **Conditions of Employment**: In determining the qualifications of employees, the Company may require the applicant to be mentally and physically fit and competent to protect the efficiency of the Company.

Section 6.3. **Substance Abuse and Background Checks**: The Company's Substance Abuse and Background Check Policy does not preempt any collectively bargained rights of the employee covered by this Agreement including the right to arbitrate any dispute arising out of the interpretation or application of this Agreement. No employee represented by the Union will be required to sign any waiver limiting the liability of the Company, the testing facility, or any other person implementing the Substance Abuse and Background Check Policy for violation of the law. The Union is not responsible for ascertaining or monitoring the alcohol or drug status of any employee, or for implementing or enforcing any aspect of the Substance Abuse and Background

Check Policy and accepts no liability therefore. The Company will inform the Union of any material changes made in this policy as appropriate. The Company is a zero tolerance Company for substance abuse. All employees are required to undergo a pre-employment Background Check, which will include a Criminal Records Check and a drug test. Where required a Credit Check and a check of Motor Vehicle Records may also be required. The Company also reserves the right to immediately test any employee where there is probable cause to believe that the Employee has ingested or using a controlled substance or alcohol.

ARTICLE VII
UNION ACCESS

Section 7.1 The Business Manager and/or Business Representative of the Union (but at their own risk) shall be permitted access to the public realms and non-secure locations, where employees covered by this Agreement may be working, upon reasonable notice to the Company and with the permission of the owner or managing agent if the owner or managing agent require such permission. Such visits shall not interrupt the normal work routine.

ARTICLE VIII
MANAGEMENT RIGHTS

Section 8.1. **Company Rights**: The Company in the conduct of its business has the right to hire, discharge, promote, demote, discipline, assign, re-assign and transfer employees; set hours, shifts and days off; determine the means and methods of its work and operations; determine the numbers and classifications of employees; set standards of performance, conduct and appearance; and to establish the minimum standards to obtain and continue employment with the Company, unless otherwise stated in this Agreement.

Section 8.2. **Hiring**: When an employment opening occurs in the job classifications covered by this Agreement or when the Company becomes aware of an opening, the Company will notify the Union and will hold the position open for three (3) business days during which the Union may offer candidates for interview by the Company. This paragraph does not apply to positions to be filled by promotion or transfer from among the Company's current employees at the Moakley Federal Courthouse, nor does it apply in those cases where a new client or incumbent contractor requests that the Company hire the project's current employees at the Moakley Federal Courthouse.

Section 8.3. **Company Representative**: The Operations Manager is the on-site representative of the Company and responsible for the supervision and execution of Company's responsibilities they're under.

Section 8.4. **Supervision**: All orders and instructions for engine room, boiler room, mechanical repairs and maintenance work shall normally be issued through the Operations Manager or Lead Technician at the direction of the Operations Manager, or his designated assistant, except that any employee covered by this Agreement is subject to direction and/or supervision by any Company Officer or Operations Manager of the Company at such times as the Company determines such direction and supervision to be necessary.

ARTICLE IX
SENIORITY

Section 9.1. Seniority

An Employee's Company seniority shall mean his/her continuous and unbroken employment at the Moakley Federal Courthouse with the Company.

An Employee's classification seniority shall mean his/her continuous and unbroken employment in that job classification with the Company at the Moakley Federal Courthouse.

Layoffs occasioned by a reduction in force shall be in the reverse order of the Company seniority within each classification.

The Company agrees to notify the Union of layoffs, transfers, promotions or demotions at the time the Employee is notified of such changes.

The Union and the Company agree that open positions at the Moakley Federal Courthouse will be filled by the best-qualified applicant for the position as determined by the Company.

If an internal applicant and an external applicant have the same qualifications required by the position, as determined by the Company; then the determining factor will be bargaining unit seniority at the Moakley Federal Courthouse. Application of this Article is subject to the Grievance and Arbitration Procedure contained in this Collective Bargaining Agreement.

For all open shifts and/or positions the employees have the right to bid on the position by classification seniority. The shift and/or position will be offered to the employee with the highest level of seniority in the same classification at the Moakley Federal Courthouse who expresses interest in the open shift or position within the first three (3) work days of the shift or the position being posted at the Moakley Federal Courthouse. If no employees, in that classification, express interest in writing to the Site Manager within the first three (3) work days of the position being posted, then the Company will proceed in filling the shift and/or position based on the best-qualified applicant. This only applies to existing open positions or new positions, does not apply to the movement of starting times to meet operational needs. If the Company moves an existing position permanently to another shift according to the schedule in Section 11.2 that position and that position only will be considered new and/or open and the bid process will apply. Adjusting the starting time within the current shift schedule stated in Section 11.2 will not be considered for the bid process. If no employee chooses to bid on an open and/or new position the Company has the right to place the least senior employee in that classification into the open and/or new position. There are no ***bumping rights***.

Loss of Seniority – an employee's length of continuous employment shall be broken and if he quit or resigns, is discharge, is terminated or retires, fails to report for work upon recall from lay-off within two weeks after mailing of notice of recall by certified mail, return receipt to the employee's last known address, or to report for work at the expiration of a leave of absence granted by the Employer, or is absent form work for any reason (except a leave of absence or extension thereof granted by the Employer) for a continuous period of one year, or absent from work due to an occupational illness or injury for a continuous period of two years.

A permanent full time employee with greater than ninety (90) days of continuous active service who has been laid off due to lack of work shall have the right to recall, at the Moakley Federal Courthouse, for a period of one (1) year from the date of lay off, or length of service, whichever is less, subject to the Company's right to evaluate the applicants for ability and performance.

Similarly, if an employee returns to active service following a period of layoff which does not exceed the lesser of fifty-two (52) weeks or length of service. Credited sick days forfeited at the time of layoff will be reinstated.

ARTICLE X
WAGES

	8/1/13	8/1/14	8/1/15	8/1/16
Maintenance Electrician	$35.10	35.97	36.87	37.93
Plumber	$35.10	35.97	36.87	37.93
HVAC Mechanic	$35.10	35.97	36.87	37.93
General Maintenance	$26.10	26.83	27.57	28.37

In the event a new classification is needed in the opinion of the Company or mandated by the client the Union will be notified and the parties will confer in an attempt to establish a new rate for the new position. Lacking agreement, the Company may proceed to establish a rate and fill the position(s). The Union may appeal the established rate beginning at Step 2 of the grievance procedure.

ARTICLE XI
HOURS OF WORK AND OVERTIME

Section 11.1. **Hours:** Forty (40) hours divided I
nto five (5) consecutive days of eight (8) consecutive hours per day, subject to shift schedule, shall constitute a week's work. The payroll week begins at 12:00 A.M. Monday and ends at 11:59 P.M. Sunday. The eight (8) hour day is an eight (8) hour workday. Meal period shall be an unpaid thirty (30) minutes, not considered part of the workday. There shall be at least two employees in uniform and on the floor working at all times during occupancy hours of operation 6:00 A.M. to 6:00 P.M., unless otherwise approved by the Operations Manager in writing. All time worked in excess of eight (8) hours in any one (1) day or forty (40) hours in any one (1) week (but not both) shall constitute overtime and shall be paid for at one and one-half (1 ½) times the base wage rate. There is no pyramiding of hours for overtime considerations.

Section 11.2. **Work Schedules and Shift Differentials**: The Operations Manager shall post a weekly work schedule at the time clock. However, such schedule may be changed by the Company upon fourteen (14) calendar days' notice, or without notice if in the opinion of the Company such change without notice is essential to its operations and with the consent of the employee or employees involved.

The starting times for shifts and employees shall be established within the following guidelines:

	First Shift	Weekend – First Shift	Second Shift	Third Shift
8/1/2013	None	$ 1.05	$ 1.55	$ 1.80
8/1/2014	None	$ 1.10	$ 1.60	$ 1.85
8/1/2015	None	$ 1.15	$ 1.65	$ 1.90
8/1/2016	None	$ 1.20	$ 1.70	$ 1.95

The starting time must fall into the starting time range for the shift differential to apply to any hours on that shift, the start time and the starting time range shall govern all hours paid on that shift and whether a shift differential applies.

Examples:

1) An employee's shift starts at 7 a.m. and ends at 3:30 p.m. will be paid no shift differential.
2) An employee's shift start at 1 a.m. and ends at 9:30 a.m. will be paid $1.75 shift differential for each hour worked.
3) An employee's shift starts at 5 p.m. and ends at 1:30 a.m. will be paid $1.50 shift differential for each hour worked.

Holiday, vacation, bereavement, jury duty, sick time payments will not include any shift differentials. Shift differentials are for hours worked only.

Section 11.3. **Operating Hours**: The hours of operation at a building shall be determined by the Company.

Section 11.4. **Tardiness and Absenteeism**: The Company believes that excessive tardiness and absenteeism is a risk to the operation. Employees who participate in excessive tardiness and absenteeism will face disciplinary action up to and including termination.

Section 11.5. **Definition of Tardiness**: The Company expects each employee to be dressed and in uniform prior to punching in at the beginning of each shift; as well as punching out at the end of each shift. The employee will be considered tardy if the employee punches the time clock 10 minutes after the beginning of his/her shift, as well as, 10 minutes prior to the end of his/her shift.

Section 11.6. Overtime and Shift Coverage will apply as follows:

a) When overtime is required and the employee requested to work such overtime does not desire such work, the (license if required) and qualified employee with the least seniority shall cover the assignment.

b) A cumulative overtime summary will be posted and the employer shall maintain variances within twenty (20) hours. If special project work requiring a license or specialized training creates a need to exceed the twenty (20) hour limit, the individual employee who performs special project overtime shall be ineligible for further non-special project overtime until such time as the employee is back within the limits on an annual basis.

c) First overtime rotation at the beginning of each year will be by site seniority.

d) Any scheduled overtime will be offered to the person with the lowest total hours, with the exception of a continued assignment at the end of a shift.

e) Should more than one person have the same total hours of overtime, the person with site seniority will be offered any additional overtime first.

f) If any person is either on shift or on vacation when any overtime is worked, he will not have said overtime charged against his total on the cumulative overtime summary.

g) In the event the overtime being required due to short notice (eight (8) hours or less) and no one on the overtime list is available, the most senior employee on the shift will have the first opportunity for that overtime.

h) When an employee works on a holiday that overtime will not be charged on the cumulative summary.

i) If an employee cannot work his or her shift the least seniority employee will be required to cover the shift. If for some reason the least seniority is already working, it will be required that the next least seniority person cover the shift, and so on.

For the purposes of maintaining an equitable distribution of overtime, any overtime hours that an employee refuses to work will be counted the same as overtime worked.

No overtime hours refused when asked to work (eight hours or less) will be charged t the employee.

ARTICLE XII
VACATIONS, HOLIDAYS AND SICK LEAVE

Section 12.1. **Vacations:** Employees covered by the terms of this Agreement who have worked continuously in the employ of the Company shall be eligible for two (2) weeks' vacation their first through fourth year which will accrue at 3.08 hour bi-weekly pay period; three (3) weeks' vacation their fifth through ninth year which will accrue at 4.61 hours per bi-weekly pay period; four (4) weeks' vacation their tenth year through nineteenth year or more of service which will accrue at 6.15 hours per bi-weekly pay period. Years of service are calculated from the date of hire. New employees who have worked continuously in the employ of the Company for a period of six (6) months are entitled to one (1) of their two (2) eligible weeks of vacation.

Vacation entitlement begins on January 1 of each year and ends on December 31. All vacation must be taken in the calendar year in which it is earned. Unused vacation at the end of the year will be paid to the Employee.

Terminated employees will be paid vacation prorated at his current rate of accrual from January 1 to the date of termination less any vacation used. Employees may request and use up to five (5) days or forty hours of un-accrued vacation, creating a negative vacation balance. Upon termination/separation if the vacation balance is negative, the negative hours will be deducted from the employee's final paycheck. The time for taking vacation shall be approved by the Company in advance, requests will not unreasonably be denied.

Section 12.2. **Holidays:** The following holidays shall be recognized and employees assigned off duty shall receive a day's pay for same:

New Years Day, MLK Day, Washington's Birthday, Good Friday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veteran's Day, Thanksgiving Day and Christmas Day.

Work performed by an employee on any of these days shall be paid for at two (2) times the base wage rate plus a day's holiday pay. These holidays shall be observed by the Company on the same day as they are observed by the Government of the United States.

If a holiday falls on an employee's regular scheduled day off, he shall receive an additional day's pay. During a payroll week in which a holiday occurs all hours worked in excess of thirty-two (32) hours shall be paid as overtime at the appropriate overtime rate of pay.

In the event a client work site should observe Holidays which are different than those defined above, as defined by the owner or managing agent, the employees assigned to that work site shall observe those client holidays in lieu of those listed above. In all cases, employees shall receive the same number of holidays equal to those listed and observed above.

Section 12.3. **Sick Leave:**

The Company agrees each employee shall be entitled to eight (8) working days' sick leave per calendar year.

If the employee takes three (3) consecutive days off he Company may require certified physician's proof of illness or incapacitation, and/or an examination by the Company's physician at the Company's expense before granting paid sick leave.

Sick days are not eligible for payout upon termination of employment.

Unused sick days at the end of the calendar year will be paid out to the Employee at the straight time rate excluding any fringe or pension payments.

Sick leave hours are not to be included in any calculation of overtime.

Employees who are hired mid calendar year will be entitled to a prorated sick allotment based on a fraction of months left in the calendar year.

FMLA:

If an employee qualifies for leave under the Family Medical Leave Act (FMLA) and has a personal medical incapacity and/or illness, which qualifies for FMLA coverage, the Company will require the Employee to charge sick leave, and exhaust the balance of sick leave, prior to allowing the use of vacation leave.

If the employee takes unpaid leave under any provision covered under the FMLA Act, not of a personal medical incapacity and/or illness, the Company will require the Employee to charge vacation leave, and exhaust the balance of vacation leave, prior to allowing the use of sick leave. For any leave of three or more days the employee is required to complete the FMLA paperwork and return the completed paperwork to Human Resources within 15 days in accordance with the FMLA. The Company will require the Employee to present a physician's release "to return to work" to Human Resources "with no limitations on his ability to perform the essential functions of the position" prior to being allowed to return to work, unless otherwise authorized in writing by the Company.

ARTICLE XIII
UNIFORMS AND TOOLS

Section 13.1. **Uniforms**: The Company agrees to furnish sufficient uniforms at no cost to the employee. Uniforms are and remain the property of the Company. It is agreed, however, that any issued uniforms not turned in at the time of termination shall be charged for and payment for the same made at the time of separation.

Section 13.2. **Tools**: The Company agrees to furnish all necessary tools and equipment for the efficient performance of the employees' duties. Tools are and remain the property of the Company. Lost tools that are assigned to an employee will be paid for by the employee and the assigned tools will be returned at termination or paid for at time of separation.

Section 13.3. **Work Boots:** The Employer shall reimburse each employee up to $125 per contract year for OSHA approved work shoes, provided the employee submits a receipt.

ARTICLE XIV
TRADE LICENSES

Section 14.1 Trade Licenses:

The Company shall reimburse employees for courses that employees are required to take in order to renew a trade license required in their present position and as currently required by law and for license cost up to $125.

The Company shall pay twenty (20) cents per hour worked up to 40 hours per week per employee to the Local 877 IUOE training fund.

ARTICLE XV
MILITARY SERVICE

Section 15.1. **Military Service**: The employees covered by this Agreement who, while the United States is engaged in armed conflict, enter the Armed Forces of the United States of America (or who are on active duty in the United States of America Merchant Marine during wartime) shall be considered on military leave of absence and shall retain seniority during such service and be returned to their former or comparable position in this bargaining unit upon their honorable discharge from such service. After completion of military service, returning eligible employees must apply for reinstatement within ninety (90) days after their separation from active duty to qualify for reemployment.

ARTICLE XVI
BEREAVEMENT AND JURY DUTY

Section 16.1. **Funeral Leave**: It is recognized by the Company and the Union that time off may be needed by an employee to attend a funeral service. If any of these days are working days, the employee shall suffer no loss in pay. Three (3) days' funeral leave shall be operative for the death of a spouse, domestic partner, parent (natural or stepparent, but not both), or child, and one (1) days for the death of a sister, brother, brother-in-law, sister-in-law, parent-in-law or legal guardian. No employee shall receive pay for any part of funeral leave that occurs during previously scheduled or regular time off, or when the employee is absent from work for other reasons. In no event shall pay for funeral leave be in excess of (8) hours per day at the base wage rate. Employees may take accrued but unused vacation to extend funeral leave if approved in writing by their supervisor.

Section 16.2. **Jury Duty**: The Company agrees to pay the employees their wages for time that the employee is required to lose on account of service or a jury up to a maximum of 5 days. The employee may use accrued, but unused vacation. Sick leave may be used after accrued vacation has been exhausted. The pay will be computed on the employee's base wage rate to a maximum of eight (8) hours per day. Such employee shall report for his regular work whenever his duties as a juror permit him reasonable time to do so.

ARTICLE XVII
NO STRIKE, NO LOCK-OUT

Section 17.1. There shall be no lockout by the Company and no strike, sympathy strike, work stoppage or slowdown or any other interference with the conduct of the Company's business at the client property by the Union or any of its members whether or not covered by this Agreement even

though this Agreement may have expired so long as both parties to this Agreement continue to bargain in good faith toward a new Agreement.

ARTICLE XVIII
STEWARDS

Section 18.1. **Shop Stewards**: The Union shall appoint or elect Shop Stewards from among the employees of the Company and these individuals will be made known to the Company by the Union in writing.

ARTICLE XIX
RETIREMENT PROGRAMS AND INSURANCE

Section 19.1. **Pension Plan**: The Company will agree to make pension contribution to the Central Pension Fund of the International Union of Operating Engineers:

- 8/1/13: $2.35 per hour for up to 40 hours paid per week.
- 8/1/14: $2.45 per hour for up to 40 hours paid per week.
- 8/1/15: $2.55 per hour for up to 40 hours paid per week.
- 8/1/16: $2.65 per hour for up to 40 hours paid per week.

Section 19.2. **Insurance**:

Medical
The Company will provide access to a health plan by an accepted qualified Health Maintenance Organization.

The Employee contribution shall be 25% towards the total cost of the medical premium.

Three tier options will be available for enrollment upon ratification of this Agreement and then during the annual enrollment period as stated by the Company 1) Family, 2) Employee +1 3) Employee.

No changes will be allowed during the plan year, unless a qualifying life change/event occurs as defined by the Health Maintenance Organization program.

Newly hired employees have thirty (30) days from the date of hire to enroll in the medical plan.

Employee contributions shall be in the form of payroll deduction and will be pre-tax.

Effective August 1, 2013, if an employee who has elected not to receive medical plan coverage and can provide proof of other coverage will receive an allowance of $50.00 for two (2) payments per month. The allowance is subject to applicable withholdings.

Dental
The Company will provide access to a dental plan by an accepted qualified Dental HMO (DMO).

The Employee contribution shall be 25% towards the total cost of the dental premium.

Three tier options will be available for enrolment upon ratification of this agreement and then during the annual enrollment period as stated by the Company 1) Family 2) Employee +1 3) Employee.

No changes will be allowed during the plan year, unless a qualifying life change/event occurs as defined by the Health Maintenance Organization program.

Newly hired employees have thirty (30) days from the date of hire to enroll in the dental plan.

STD, LTD, Life Insurance

The Company will agree to provide access to Employee Long Term Disability / LTD 100% employee paid.

The Company will agree to provide access to Employee Short Term Disability / STD 100% company paid.

The Company will agree to provide Company paid life insurance at 1.5 times base annual wage to all Employees covered under this collective bargaining agreement.

No changes will be allowed during the plan year, unless a qualifying life change/event occurs as defined by the Health Maintenance Organization program.

Newly hired employees have thirty (30) days from the date of hire to Enroll.

Section 19.3 **Federal Legislation**: In the event that federal health care reform legislation becomes effective during the term of this Agreement, which imposes obligations on the parties requiring modification of the health and welfare provisions of this Agreement, it is agreed that the parties will immediately meet and negotiate appropriate modifications. If such negotiations result in impasse, the parties agree to select a mutually acceptable arbitrator from a panel to be proposed by the American Arbitration Association. The arbitration shall proceed in accordance with the Rules of Labor Arbitration of the American Arbitration Association.

ARTICLE XX
DISCIPLINE AND DISCHARGE

Section 20.1. It is agreed that the employees covered by this Agreement shall only be disciplined and/or discharged for just cause.

Section 20.2. Just cause for disciplinary action up to and including termination will be defined by the Company.

Section 2.03. Any disciplinary action taken by the Company must not be unfair, inconsistent, or taken in bad faith.

Section 20.4. Written warnings will remain in the employees file for one year from the date on the written warning.

Section 20.5. All discipline and/or discharge (except probationary employees) shall be subject to the Grievance and Arbitration Procedure.

ARTICLE XXI

GRIEVANCE AND ARBITRATION

Section 21.1. **Grievances**: In the event any grievance or dispute arises as to the interpretation, application, or any claimed violation of this Agreement, the Union and the Employer shall meet in an effort to reach an amicable settlement. Specifically, the matter shall be pursued as follows:

STEP 1: Between the Supervisor and the Shop Steward. The first step meeting shall be held within seventy-two (72) hours from the date the grievance is filed with the Employer unless another date is set by mutual agreement. The Supervisor shall give the Shop Steward a written reply to the grievance within five (5) working days after the meeting with the Shop Steward. If this reply is unsatisfactory, the Shop Steward may appeal the decision to Step 2, provided such appeal is made within ten (10) working days after the receipt of the Supervisor reply.

STEP 2: A meeting in Step 2 between the Employer or his designee and the Business Representative or a designated representative of the Union shall be held within ten (10) working days after receipt by the Company of Notice of Appeal, unless another date is jointly agreed to by the Employer and the Union. The Employer shall make a reply to the Union in writing no later than ten (10) working days after meeting with the Business Representative.

Section 21.2. **Processing of Grievances**: All grievances shall be presented in writing as soon as practical after the occurrence upon which the same is based, but in no event later than five (5) working days if the same is a dismissal grievance, or later than thirty (30) calendar days from the date the person knew or should have known about the grievance issue if the grievance arises from any other cause.

Section 21.3. **Arbitration**: In the event that the matter remains unresolved after the second step, either party may, within 30 days and upon written notice to the other party, refer the matter to binding arbitration. The parties shall choose an arbitrator from a panel to be proposed by the American Arbitration Association. The arbitration shall proceed in accordance with the Rules of Labor Arbitration of the American Arbitration Association.

The Union agrees not to engage in any strike, slow-down, or interruption of work while the grievance resolution process continues. There shall be no strike, work stoppage, or interruption in protest of any decision of the arbitrator.

The parties agree that the decision or award of such Arbitrator shall be final and binding on each of the parties and that they will abide thereby. The Arbitrator shall have no authority to add to, subtract from, or t change any of the terms of the Agreement, to change an existing salary rate or to establish a new salary rate.

Each party shall bear its expenses in preparing and presenting its own case. The cost of the Arbitrator's services and any other expenses incidental to the Arbitration, shall be borne equally by the parties.

ARTICLE XXII
RENEWAL OR CHANGE

Section 22.1. **Renewal or Change**: This Agreement shall remain in full force and effect for the period from 08/01/13 to and including 07/31/17 and from year to year thereafter unless notice of termination or modification is given in writing by either party to the other party sixty (60) days prior to the anniversary date of 07/31/17, such notice being sent by registered or certified mail to the Company at 306 Northern Avenue, Boston, MA 02210 and/or to the Union at 89 Access Road, Unit #4, Norwood, MA 02062. Both parties understand that in the event the Employer's business

contract with property management company for operation and maintenance services at the Moakley Federal Courthouse is canceled or terminated for any reason, this Agreement is null and void.

In the event notice of modification is given by either party and agreement on a new modified agreement is not by the anniversary date, both parties agree to continue to work under the terms of this Agreement on a day-to-day basis until such time that either an agreement is made or impasse is reached by both parties.

ARTICLE XXIII
CALL-BACK

Section 23.1**. Call-Back**: In the event that an employee is called back for duty in an emergency after completing his regular work day and signing off, he shall receive not less than four (4) hours' pay for same, calculated at one and one-half (1 ½) times the base wage rate. Call-backs on a holiday shall be paid at the holiday rate.

Employees who are assigned stand-by duty by their supervisor, and are required to restrict their activities and location in order to report when contacted, will receive $35 per day. If, during that time the employee is called into work the $35 will be waived.

ARTICLE XXIV
SEPARATE AGREEMENT

Section 24.1. **Separate Agreements**: The Company shall not enter into any agreement with any employee covered by this Agreement, the terms of which conflict with the terms of this Agreement.

ARTICLE XXV
SEPARABILITY

Section 25.1. **Separability**: In the event any article, section or provision of this Agreement is held improper or invalid by any civil authority, agency, or court, such article, section, or provision shall not invalidate other portions of this Agreement, and if any part of this Agreement is in conflict with or not in compliance with the Labor Management Relations Act, 1947, any amendments or additions thereto, such parts of this Agreement shall automatically be deleted from this Agreement.

ARTICLE XXVI

TERM OF AGREEMENT

This Agreement shall be in full force and effect from 08/01/13 to 07/31/17 and shall renew from year to year unless, not less than sixty (60) days prior to an anniversary date of this Agreement, written notice to the contrary be given.

For: **EMCOR Facilities Services, Inc**

(b) (6) [redacted]

8/26/2013
Date

8/26/2013
Date

Date

For: **The Area Trades Council AFL-CIO**

The International Union of Operating Engineers, Local 877, AFL-CIO

(b) (6) [redacted]

9/12/13
Date

The International Brotherhood of Electrical Workers, Local 103, AFL-CIO

(b) (6) [redacted]

September 11, 2013
Date

New England Regional Council of Carpenters, Local 51, AFL-CIO

(b) (6) [redacted]

9-5-13
Date

Plumbers Union 12, United Association of Journeymen and Apprentices of the Plumbing and Pipefitting Industry of The United States and Canada, AFL_CIO

(b) (6) [redacted]

9/5/13
Date

International Union of Painters & Allied Trades, Council #35

(b) (6) [redacted]

9/6/13
Date

EXHIBIT 29

International Union of Elevator Constructors Local Union No. 4

Boston, MA/Portland, ME

Affiliated with Building Trades, A.F.L.-C.I.O.

BUSINESS MANAGER
DAVID T. MORGAN

BUSINESS REPRESENTATIVE
STEPHEN SEARS

BUSINESS REPRESENTATIVE
FINANCIAL SECRETARY
WILLIAM S. FLANNERY

November, 2017

To: **ALL SIGNATORY COMPANIES DOING BUSINESS IN THE JURISDICTION OF LOCAL 4 BOSTON & PORTLAND**

The first wage rate change for Local 4 under the 2017-2022 Standard Agreement will be as follows, effective January 1, 2018:

Annuity	**$0.65 increase-total $6.90**
Health	**$0.15 increase-total $15.425**
Pension	**$0.25 increase-total $9.71**
Work Preservation Fund	**$0.06 increase-total $0.36**
Educational/Apprentice Fund	**$0.01 increase-total $0.61**

Local 4 Boston Primary		**Local 4 Portland Sub-Primary**	
Mechanic in Charge	**$64.82**	**Mechanic in Charge**	**$64.82**
Mechanic	**$57.62**	**Mechanic**	**$57.62**
80% Apprentice	**$46.10**	**80% Apprentice**	**$46.10**
70% Apprentice/Helper	**$40.33**	**70% Apprentice/Helper**	**$40.33**
65% Apprentice	**$37.45**	**65% Apprentice**	**$37.45**
55% Apprentice	**$31.69**	**55% Apprentice**	**$31.69**
50% Apprentice	**$28.81**	**50% Apprentice**	**$28.81**

Vacation	6% members under 5 years based on regular hourly rate for all hours worked.
Vacation	8% members over 5 years based on regular hourly rate for all hours worked.
Holidays	See Art. VI, Par. 1 of Standard Agreement.

Please feel free to call me if you have any questions regarding the new wage rate change.

Sincerely,

(b) (6) [redacted]

Business Manager
Local 4 Boston

50 PARK STREET • DORCHESTER, MA 02122 • Tel: (617) 288-1547 • Fax: (617) 288-6724 • E-mail: local4@iueclocal4.com
ME. VT. NH. 1-800-694-6797

NEBA Agreement with International Union of Elevator Constructors July 9, 2017 to July 8, 2022 available upon request.

EXHIBIT 30

2006059810

REGISTER OF WAGE DETERMINATIONS UNDER THE SERVICE CONTRACT ACT By direction of the Secretary of Labor	U.S. DEPARTMENT OF LABOR EMPLOYMENT STANDARDS ADMINISTRATION WAGE AND HOUR DIVISION WASHINGTON D.C. 20210
Daniel W. Simms Director Division of Wage Determinations	Wage Determination No.: 2006-0598 Revision No.: 10 Date Of Last Revision: 05/10/2018

Note: Under Executive Order (EO) 13658, an hourly minimum wage of $10.35 for calendar year 2018 applies to all contracts subject to the Service Contract Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least $10.35 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2018. The EO minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts

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State: Massachusetts

Area: Massachusetts County of Suffolk

Employed on GSA contract for mechanical maintenance services at John J. Moakley Federal Courthouse:

Collective Bargaining Agreement between EMCOR Facilities Services, Inc. and Area Trades Council effective October 1, 2016 through September 30, 2020.

In accordance with Sections 2(a) and 4(c) of the Service Contract Act, as amended, employees employed by the contractor(s) in performing services covered by the Collective Bargaining Agreement(s) are to be paid wage rates and fringe benefits set

forth in the current collective bargaining agreement and modified extension agreement(s).

Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors, applies to all contracts subject to the Service Contract Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is the victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

EXHIBIT 30

1985122642

REGISTER OF WAGE DETERMINATIONS UNDER THE SERVICE CONTRACT ACT By direction of the Secretary of Labor	U.S. DEPARTMENT OF LABOR EMPLOYMENT STANDARDS ADMINISTRATION WAGE AND HOUR DIVISION WASHINGTON D.C. 20210
Daniel W. Simms Director Division of Wage Determinations	Wage Determination No.: 1985-1226 Revision No.: 42 Date Of Last Revision: 02/06/2018

Note: Under Executive Order (EO) 13658, an hourly minimum wage of $10.35 for calendar year 2018 applies to all contracts subject to the Service Contract Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least $10.35 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2018. The EO minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts

States: Maine, Massachusetts, New Hampshire

Area: Massachusetts Counties of Barnstable, Bristol, Dukes, Essex, Middlesex, Nantucket, Norfolk, Plymouth, Suffolk

Maine Statewide

New Hampshire - All Counties except : Cheshire, Sullivan

Fringe Benefits Required Follow the Occupational Listing

OCCUPATION CODE - TITLE	FOOTNOTE
RATE	
23210 - Elevator Repairer	
57.62	

Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors, applies to all contracts subject to the Service Contract Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is the victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

ALL OCCUPATIONS LISTED ABOVE RECEIVE THE FOLLOWING BENEFITS:

HEALTH & WELFARE: $15.425 per hour for all hours worked

VACATION: Annual vacation pay is accrued as follows: After 6 months but less than 5 years of service in the industry, 6 percent of regular hourly rate for all hours worked, not to exceed 120 hours pay; more than 5 years of service in the industry, 8 percent of regular hourly rate for all hours worked, at least 160 hours vacation pay.
Maximum hours of vacation pay are applicable to an employee who works 1750 hours or more but less than 2000 hours in the year.

HOLIDAYS: A minimum of eight paid holidays per year: New Year's Day, Memorial Day, Independence Day, Labor Day, Veterans Day, Thanksgiving Day, the Day after Thanksgiving Day, and Christmas Day. (A contractor may substitute for any of the named holidays another day off with pay in accordance with a plan communicated to the employees involved.) (See 29 CFR 4.174)

PENSION: Elevator - $9.71 per hour

401(K) Annunity $6.90 per hour for all hours worked

Education Fund: $0.61 per hour for all hours worked.

Work Preservation Fund: $0.36

201540477

REGISTER OF WAGE DETERMINATIONS UNDER THE SERVICE CONTRACT ACT By direction of the Secretary of Labor	U.S. DEPARTMENT OF LABOR EMPLOYMENT STANDARDS ADMINISTRATION WAGE AND HOUR DIVISION WASHINGTON D.C. 20210
Daniel W. Simms Director Division of Wage Determinations	Wage Determination No.: 2015-4047 Revision No.: 7 Date Of Last Revision: 04/12/2018

Note: Under Executive Order (EO) 13658, an hourly minimum wage of $10.35 for calendar year 2018 applies to all contracts subject to the Service Contract Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least $10.35 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2018. The EO minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts

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This wage determination is applicable in the following towns and cities in the state of Massachusetts:

BRISTOL COUNTY - Mansfield

ESSEX COUNTY - Lynnfield

MIDDLESEX COUNTY - Acton, Arlington, Bedford, Belmont, Boxborough, Burlington, Cambridge, Carlisle, Concord, Everett, Lexington, Lincoln, Malden, Maynard, Medford, Melrose, Newton, North Reading, Reading, Sherborn, Somerville, Stoneham, Stow, Wakefield, Waltham, Watertown, Wayland, Weston, Wilmington, Winchester, Woburn

NORFOLK COUNTY - Braintree, Brookline, Canton, Cohasset, Dedham, Dover, Foxborough, Franklin, Holbrook, Medfield, Medway, Millis, Milton, Needham,

Norfolk, Norwood, Quincy, Randolph, Sharon, Stoughton, Walpole, Wellesley, Westwood, Weymouth, Wrentham

PLYMOUTH COUNTY - Carver, Duxbury, Hanover, Hingham, Hull, Kingston, Marshfield, Norwell, Pembroke, Plymouth, Plympton, Rockland, Scituate

SUFFOLK COUNTY - Boston, Chelsea, Revere, Winthrop

WORCESTER COUNTY - Berlin, Bolton

Fringe Benefits Required Follow the Occupational Listing

OCCUPATION CODE - TITLE FOOTNOTE
RATE

01000 - Administrative Support And Clerical Occupations
01011 - Accounting Clerk I
18.02
01012 - Accounting Clerk II
20.22
01013 - Accounting Clerk III
22.63
01020 - Administrative Assistant
30.57
01035 - Court Reporter
22.95
01041 - Customer Service Representative I
16.81
01042 - Customer Service Representative II
18.91
01043 - Customer Service Representative III
20.64
01051 - Data Entry Operator I
16.51
01052 - Data Entry Operator II
18.02
01060 - Dispatcher, Motor Vehicle
21.26
01070 - Document Preparation Clerk
17.69

01090 - Duplicating Machine Operator
17.69
01111 - General Clerk I
14.99
01112 - General Clerk II
16.36
01113 - General Clerk III
18.36
01120 - Housing Referral Assistant
23.44
01141 - Messenger Courier
14.28
01191 - Order Clerk I
17.11
01192 - Order Clerk II
18.67
01261 - Personnel Assistant (Employment) I
18.59
01262 - Personnel Assistant (Employment) II
20.80
01263 - Personnel Assistant (Employment) III
23.19
01270 - Production Control Clerk
26.75
01290 - Rental Clerk
17.19
01300 - Scheduler, Maintenance
18.80
01311 - Secretary I
18.80
01312 - Secretary II
21.03
01313 - Secretary III
23.44
01320 - Service Order Dispatcher
19.00
01410 - Supply Technician
30.57
01420 - Survey Worker
19.82
01460 - Switchboard Operator/Receptionist
15.74
01531 - Travel Clerk I
15.17
01532 - Travel Clerk II
16.41
01533 - Travel Clerk III
17.69

01611 - Word Processor I
17.48
01612 - Word Processor II
19.62
01613 - Word Processor III
21.95
05000 - Automotive Service Occupations
05005 - Automobile Body Repairer, Fiberglass
25.10
05010 - Automotive Electrician
22.60
05040 - Automotive Glass Installer
21.60
05070 - Automotive Worker
21.60
05110 - Mobile Equipment Servicer
19.58
05130 - Motor Equipment Metal Mechanic
23.59
05160 - Motor Equipment Metal Worker
21.60
05190 - Motor Vehicle Mechanic
23.59
05220 - Motor Vehicle Mechanic Helper
18.40
05250 - Motor Vehicle Upholstery Worker
20.59
05280 - Motor Vehicle Wrecker
21.60
05310 - Painter, Automotive
22.60
05340 - Radiator Repair Specialist
21.60
05370 - Tire Repairer
14.22
05400 - Transmission Repair Specialist
23.59
07000 - Food Preparation And Service Occupations
07010 - Baker
14.71
07041 - Cook I
16.71
07042 - Cook II
18.44
07070 - Dishwasher
12.02
07130 - Food Service Worker
13.20

07210 - Meat Cutter
21.77
07260 - Waiter/Waitress
13.04
09000 - Furniture Maintenance And Repair Occupations
09010 - Electrostatic Spray Painter
19.25
09040 - Furniture Handler
15.90
09080 - Furniture Refinisher
20.88
09090 - Furniture Refinisher Helper
16.86
09110 - Furniture Repairer, Minor
18.98
09130 - Upholsterer
17.64
11000 - General Services And Support Occupations
11030 - Cleaner, Vehicles
12.70
11060 - Elevator Operator
15.52
11090 - Gardener
20.75
11122 - Housekeeping Aide
17.16
11150 - Janitor
17.16
11210 - Laborer, Grounds Maintenance
16.79
11240 - Maid or Houseman
15.71
11260 - Pruner
15.44
11270 - Tractor Operator
19.51
11330 - Trail Maintenance Worker
16.79
11360 - Window Cleaner
18.67
12000 - Health Occupations
12010 - Ambulance Driver
18.55
12011 - Breath Alcohol Technician
22.45
12012 - Certified Occupational Therapist Assistant
28.31
12015 - Certified Physical Therapist Assistant

30.09
12020 - Dental Assistant
21.86
12025 - Dental Hygienist
42.94
12030 - EKG Technician
37.50
12035 - Electroneurodiagnostic Technologist
37.50
12040 - Emergency Medical Technician
18.55
12071 - Licensed Practical Nurse I
22.71
12072 - Licensed Practical Nurse II
25.41
12073 - Licensed Practical Nurse III
28.33
12100 - Medical Assistant
18.64
12130 - Medical Laboratory Technician
21.35
12160 - Medical Record Clerk
21.21
12190 - Medical Record Technician
23.73
12195 - Medical Transcriptionist
23.14
12210 - Nuclear Medicine Technologist
38.56
12221 - Nursing Assistant I
12.77
12222 - Nursing Assistant II
14.37
12223 - Nursing Assistant III
15.68
12224 - Nursing Assistant IV
17.60
12235 - Optical Dispenser
30.02
12236 - Optical Technician
19.18
12250 - Pharmacy Technician
20.80
12280 - Phlebotomist
19.02
12305 - Radiologic Technologist
36.26
12311 - Registered Nurse I

31.18
12312 - Registered Nurse II
40.19
12313 - Registered Nurse II, Specialist
40.19
12314 - Registered Nurse III
48.63
12315 - Registered Nurse III, Anesthetist
48.63
12316 - Registered Nurse IV
58.29
12317 - Scheduler (Drug and Alcohol Testing)
25.91
12320 - Substance Abuse Treatment Counselor
21.83
13000 - Information And Arts Occupations
13011 - Exhibits Specialist I
22.17
13012 - Exhibits Specialist II
27.46
13013 - Exhibits Specialist III
33.59
13041 - Illustrator I
21.90
13042 - Illustrator II
27.12
13043 - Illustrator III
33.18
13047 - Librarian
35.60
13050 - Library Aide/Clerk
16.11
13054 - Library Information Technology Systems
32.15
Administrator
13058 - Library Technician
23.72
13061 - Media Specialist I
22.75
13062 - Media Specialist II
24.12
13063 - Media Specialist III
26.91
13071 - Photographer I
18.65
13072 - Photographer II
20.87
13073 - Photographer III

25.85
13074 - Photographer IV
30.00
13075 - Photographer V
38.26
13090 - Technical Order Library Clerk
20.23
13110 - Video Teleconference Technician
25.47
14000 - Information Technology Occupations
14041 - Computer Operator I
19.71
14042 - Computer Operator II
22.05
14043 - Computer Operator III
24.58
14044 - Computer Operator IV
27.32
14045 - Computer Operator V
30.25
14071 - Computer Programmer I (see 1)
25.98
14072 - Computer Programmer II (see 1)

14073 - Computer Programmer III (see 1)

14074 - Computer Programmer IV (see 1)

14101 - Computer Systems Analyst I (see 1)

14102 - Computer Systems Analyst II (see 1)

14103 - Computer Systems Analyst III (see 1)

14150 - Peripheral Equipment Operator
19.71
14160 - Personal Computer Support Technician
27.32
14170 - System Support Specialist
38.57
15000 - Instructional Occupations
15010 - Aircrew Training Devices Instructor (Non-Rated)
35.72
15020 - Aircrew Training Devices Instructor (Rated)
43.22
15030 - Air Crew Training Devices Instructor (Pilot)
51.80
15050 - Computer Based Training Specialist / Instructor

35.72
15060 - Educational Technologist
33.48
15070 - Flight Instructor (Pilot)
51.80
15080 - Graphic Artist
31.54
15085 - Maintenance Test Pilot, Fixed, Jet/Prop
43.34
15086 - Maintenance Test Pilot, Rotary Wing
43.34
15088 - Non-Maintenance Test/Co-Pilot
43.34
15090 - Technical Instructor
29.29
15095 - Technical Instructor/Course Developer
35.83
15110 - Test Proctor
23.65
15120 - Tutor
23.65
16000 - Laundry, Dry-Cleaning, Pressing And Related Occupations
16010 - Assembler
12.28
16030 - Counter Attendant
12.28
16040 - Dry Cleaner
15.40
16070 - Finisher, Flatwork, Machine
12.28
16090 - Presser, Hand
12.28
16110 - Presser, Machine, Drycleaning
12.28
16130 - Presser, Machine, Shirts
12.28
16160 - Presser, Machine, Wearing Apparel, Laundry
12.28
16190 - Sewing Machine Operator
16.31
16220 - Tailor
17.03
16250 - Washer, Machine
12.89
19000 - Machine Tool Operation And Repair Occupations
19010 - Machine-Tool Operator (Tool Room)
22.95
19040 - Tool And Die Maker

26.82
21000 - Materials Handling And Packing Occupations
  21020 - Forklift Operator
18.23
  21030 - Material Coordinator
26.75
  21040 - Material Expediter
26.75
  21050 - Material Handling Laborer
14.39
  21071 - Order Filler
15.51
  21080 - Production Line Worker (Food Processing)
18.23
  21110 - Shipping Packer
18.63
  21130 - Shipping/Receiving Clerk
18.63
  21140 - Store Worker I
13.86
  21150 - Stock Clerk
17.84
  21210 - Tools And Parts Attendant
18.23
  21410 - Warehouse Specialist
18.23
23000 - Mechanics And Maintenance And Repair Occupations
  23010 - Aerospace Structural Welder
36.54
  23019 - Aircraft Logs and Records Technician
28.75
  23021 - Aircraft Mechanic I
34.14
  23022 - Aircraft Mechanic II
36.54
  23023 - Aircraft Mechanic III
37.04
  23040 - Aircraft Mechanic Helper
25.70
  23050 - Aircraft, Painter
31.56
  23060 - Aircraft Servicer
28.75
  23070 - Aircraft Survival Flight Equipment Technician
31.56
  23080 - Aircraft Worker
30.16
  23091 - Aircrew Life Support Equipment (ALSE) Mechanic

30.16
I
23092 - Aircrew Life Support Equipment (ALSE) Mechanic
34.14
II
23110 - Appliance Mechanic
24.24
23120 - Bicycle Repairer
17.00
23125 - Cable Splicer
40.96
23130 - Carpenter, Maintenance
30.65
23140 - Carpet Layer
29.16
23160 - Electrician, Maintenance
34.10
23181 - Electronics Technician Maintenance I
26.39
23182 - Electronics Technician Maintenance II
27.59
23183 - Electronics Technician Maintenance III
28.80
23260 - Fabric Worker
27.16
23290 - Fire Alarm System Mechanic
31.01
23310 - Fire Extinguisher Repairer
25.81
23311 - Fuel Distribution System Mechanic
34.22
23312 - Fuel Distribution System Operator
27.12
23370 - General Maintenance Worker
23.18
23380 - Ground Support Equipment Mechanic
34.14
23381 - Ground Support Equipment Servicer
28.75
23382 - Ground Support Equipment Worker
30.16
23391 - Gunsmith I
25.81
23392 - Gunsmith II
28.48
23393 - Gunsmith III
31.10
23410 - Heating, Ventilation And Air-Conditioning

29.46
Mechanic
23411 - Heating, Ventilation And Air Contidioning
30.65
Mechanic (Research Facility)
23430 - Heavy Equipment Mechanic
31.10
23440 - Heavy Equipment Operator
34.81
23460 - Instrument Mechanic
26.48
23465 - Laboratory/Shelter Mechanic
29.80
23470 - Laborer
15.05
23510 - Locksmith
25.63
23530 - Machinery Maintenance Mechanic
27.83
23550 - Machinist, Maintenance
25.30
23580 - Maintenance Trades Helper
19.59
23591 - Metrology Technician I
26.48
23592 - Metrology Technician II
27.55
23593 - Metrology Technician III
28.65
23640 - Millwright
30.81
23710 - Office Appliance Repairer
25.51
23760 - Painter, Maintenance
26.66
23790 - Pipefitter, Maintenance
32.93
23810 - Plumber, Maintenance
31.55
23820 - Pneudraulic Systems Mechanic
31.10
23850 - Rigger
25.30
23870 - Scale Mechanic
28.48
23890 - Sheet-Metal Worker, Maintenance
34.02
23910 - Small Engine Mechanic

23.18
23931 - Telecommunications Mechanic I
36.99
23932 - Telecommunications Mechanic II
38.79
23950 - Telephone Lineman
38.25
23960 - Welder, Combination, Maintenance
26.68
23965 - Well Driller
31.10
23970 - Woodcraft Worker
31.10
23980 - Woodworker
25.81
24000 - Personal Needs Occupations
24550 - Case Manager
15.78
24570 - Child Care Attendant
14.11
24580 - Child Care Center Clerk
17.60
24610 - Chore Aide
13.82
24620 - Family Readiness And Support Services
15.78
Coordinator
24630 - Homemaker
19.55
25000 - Plant And System Operations Occupations
25010 - Boiler Tender
29.99
25040 - Sewage Plant Operator
26.92
25070 - Stationary Engineer
29.99
25190 - Ventilation Equipment Tender
23.21
25210 - Water Treatment Plant Operator
26.92
27000 - Protective Service Occupations
27004 - Alarm Monitor
24.26
27007 - Baggage Inspector
15.85
27008 - Corrections Officer
34.42
27010 - Court Security Officer

32.67
27030 - Detection Dog Handler
18.95
27040 - Detention Officer
34.42
27070 - Firefighter
30.91
27101 - Guard I
15.85
27102 - Guard II
18.95
27131 - Police Officer I
31.21
27132 - Police Officer II
34.68
28000 - Recreation Occupations
28041 - Carnival Equipment Operator
15.28
28042 - Carnival Equipment Repairer
16.25
28043 - Carnival Worker
12.09
28210 - Gate Attendant/Gate Tender
16.24
28310 - Lifeguard
13.45
28350 - Park Attendant (Aide)
17.97
28510 - Recreation Aide/Health Facility Attendant
13.58
28515 - Recreation Specialist
22.62
28630 - Sports Official
14.47
28690 - Swimming Pool Operator
19.44
29000 - Stevedoring/Longshoremen Occupational Services
29010 - Blocker And Bracer
25.54
29020 - Hatch Tender
25.54
29030 - Line Handler
25.54
29041 - Stevedore I
26.29
29042 - Stevedore II
29.25
30000 - Technical Occupations

30010 - Air Traffic Control Specialist, Center (HFO) (see 2)
42.15
30011 - Air Traffic Control Specialist, Station (HFO) (see 2)
29.06
30012 - Air Traffic Control Specialist, Terminal (HFO) (see 2)
32.00
30021 - Archeological Technician I
21.07
30022 - Archeological Technician II
23.57
30023 - Archeological Technician III
29.20
30030 - Cartographic Technician
29.20
30040 - Civil Engineering Technician
28.36
30051 - Cryogenic Technician I
29.11
30052 - Cryogenic Technician II
32.16
30061 - Drafter/CAD Operator I
21.07
30062 - Drafter/CAD Operator II
23.57
30063 - Drafter/CAD Operator III
26.27
30064 - Drafter/CAD Operator IV
32.34
30081 - Engineering Technician I
17.29
30082 - Engineering Technician II
19.42
30083 - Engineering Technician III
21.74
30084 - Engineering Technician IV
26.93
30085 - Engineering Technician V
32.93
30086 - Engineering Technician VI
38.49
30090 - Environmental Technician
28.49
30095 - Evidence Control Specialist
26.29
30210 - Laboratory Technician
27.31
30221 - Latent Fingerprint Technician I
29.11

30222 - Latent Fingerprint Technician II
32.16
30240 - Mathematical Technician
29.20
30361 - Paralegal/Legal Assistant I
20.44
30362 - Paralegal/Legal Assistant II
25.32
30363 - Paralegal/Legal Assistant III
30.97
30364 - Paralegal/Legal Assistant IV
37.46
30375 - Petroleum Supply Specialist
32.16
30390 - Photo-Optics Technician
29.20
30395 - Radiation Control Technician
32.16
30461 - Technical Writer I
26.83
30462 - Technical Writer II
32.82
30463 - Technical Writer III
39.71
30491 - Unexploded Ordnance (UXO) Technician I
26.79
30492 - Unexploded Ordnance (UXO) Technician II
32.41
30493 - Unexploded Ordnance (UXO) Technician III
38.85
30494 - Unexploded (UXO) Safety Escort
26.79
30495 - Unexploded (UXO) Sweep Personnel
26.79
30501 - Weather Forecaster I
32.34
30502 - Weather Forecaster II
39.33
30620 - Weather Observer, Combined Upper Air Or (see 2)
26.27
Surface Programs
30621 - Weather Observer, Senior (see 2)
29.20
31000 - Transportation/Mobile Equipment Operation Occupations
31010 - Airplane Pilot
32.41
31020 - Bus Aide
17.57

31030 - Bus Driver
23.32
31043 - Driver Courier
17.52
31260 - Parking and Lot Attendant
14.23
31290 - Shuttle Bus Driver
18.64
31310 - Taxi Driver
14.25
31361 - Truckdriver, Light
18.64
31362 - Truckdriver, Medium
19.62
31363 - Truckdriver, Heavy
25.42
31364 - Truckdriver, Tractor-Trailer
25.42
99000 - Miscellaneous Occupations
99020 - Cabin Safety Specialist
15.80
99030 - Cashier
11.57
99050 - Desk Clerk
14.08
99095 - Embalmer
35.12
99130 - Flight Follower
26.79
99251 - Laboratory Animal Caretaker I
19.09
99252 - Laboratory Animal Caretaker II
20.31
99260 - Marketing Analyst
34.51
99310 - Mortician
38.21
99410 - Pest Controller
22.46
99510 - Photofinishing Worker
15.36
99710 - Recycling Laborer
20.65
99711 - Recycling Specialist
23.98
99730 - Refuse Collector
18.99
99810 - Sales Clerk

13.61
99820 - School Crossing Guard
15.05
99830 - Survey Party Chief
31.00
99831 - Surveying Aide
20.51
99832 - Surveying Technician
28.19
99840 - Vending Machine Attendant
15.89
99841 - Vending Machine Repairer
18.68
99842 - Vending Machine Repairer Helper
15.89

Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors, applies to all contracts subject to the Service Contract Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is the victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

ALL OCCUPATIONS LISTED ABOVE RECEIVE THE FOLLOWING BENEFITS:

HEALTH & WELFARE: $4.41 per hour or $176.40 per week or $764.40 per month

HEALTH & WELFARE EO 13706: $4.13 per hour, or $165.20 per week, or $715.87 per month*

*This rate is to be used only when compensating employees for performance on an SCA-
covered contract also covered by EO 13706, Establishing Paid Sick Leave for Federal

Contractors. A contractor may not receive credit toward its SCA obligations for any
paid sick leave provided pursuant to EO 13706.

VACATION: 2 weeks paid vacation after 1 year of service with a contractor or successor, 3 weeks after 5 years, and 4 weeks after 15 years. Length of service includes the whole span of continuous service with the present contractor or successor, wherever employed, and with the predecessor contractors in the performance of similar work at the same Federal facility. (Reg. 29 CFR 4.173)

HOLIDAYS: A minimum of ten paid holidays per year: New Year's Day, Martin Luther King Jr.'s Birthday, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day. (A contractor may substitute for any of the named holidays another day off with pay in

accordance with a plan communicated to the employees involved.) (See 29 CFR 4.174)

THE OCCUPATIONS WHICH HAVE NUMBERED FOOTNOTES IN PARENTHESES RECEIVE THE FOLLOWING:

1) COMPUTER EMPLOYEES: Under the SCA at section 8(b), this wage determination does

not apply to any employee who individually qualifies as a bona fide executive, administrative, or professional employee as defined in 29 C.F.R. Part 541. Because

most Computer System Analysts and Computer Programmers who are compensated at a rate
not less than $27.63 (or on a salary or fee basis at a rate not less than $455 per week) an hour would likely qualify as exempt computer professionals, (29 C.F.R. 541.
400) wage rates may not be listed on this wage determination for all occupations within those job families. In addition, because this wage determination may not list a wage rate for some or all occupations within those job families if the survey
data indicates that the prevailing wage rate for the occupation equals or exceeds $27.63 per hour conformances may be necessary for certain nonexempt employees. For

example, if an individual employee is nonexempt but nevertheless performs duties within the scope of one of the Computer Systems Analyst or Computer Programmer occupations for which this wage determination does not specify an SCA wage rate, then the wage rate for that employee must be conformed in accordance with the conformance procedures described in the conformance note included on this wage determination.

Additionally, because job titles vary widely and change quickly in the computer industry, job titles are not determinative of the application of the computer professional exemption. Therefore, the exemption applies only to computer employees
who satisfy the compensation requirements and whose primary duty consists of:

(1) The application of systems analysis techniques and procedures, including consulting with users, to determine hardware, software or system functional specifications;

(2) The design, development, documentation, analysis, creation, testing or modification of computer systems or programs, including prototypes, based on and related to user or system design specifications;

(3) The design, documentation, testing, creation or modification of computer programs related to machine operating systems; or

(4) A combination of the aforementioned duties, the performance of which requires the same level of skills. (29 C.F.R. 541.400).

2) AIR TRAFFIC CONTROLLERS AND WEATHER OBSERVERS - NIGHT PAY & SUNDAY PAY: If you

work at night as part of a regular tour of duty, you will earn a night differential

and receive an additional 10% of basic pay for any hours worked between 6pm and 6am.
If you are a full-time employed (40 hours a week) and Sunday is part of your regularly scheduled workweek, you are paid at your rate of basic pay plus a Sunday premium of 25% of your basic rate for each hour of Sunday work which is not overtime
(i.e. occasional work on Sunday outside the normal tour of duty is considered overtime work).

** HAZARDOUS PAY DIFFERENTIAL **

An 8 percent differential is applicable to employees employed in a position that represents a high degree of hazard when working with or in close proximity to ordnance, explosives, and incendiary materials. This includes work such as screening, blending, dying, mixing, and pressing of sensitive ordnance, explosives,

and pyrotechnic compositions such as lead azide, black powder and photoflash powder.
All dry-house activities involving propellants or explosives. Demilitarization, modification, renovation, demolition, and maintenance operations on sensitive ordnance, explosives and incendiary materials. All operations involving re-grading

and cleaning of artillery ranges.

A 4 percent differential is applicable to employees employed in a position that represents a low degree of hazard when working with, or in close proximity to ordnance, (or employees possibly adjacent to) explosives and incendiary materials which involves potential injury such as laceration of hands, face, or arms of the employee engaged in the operation, irritation of the skin, minor burns and the like;
minimal damage to immediate or adjacent work area or equipment being used. All operations involving, unloading, storage, and hauling of ordnance, explosive, and incendiary ordnance material other than small arms ammunition. These differentials

are only applicable to work that has been specifically designated by the agency for

ordnance, explosives, and incendiary material differential pay.

** UNIFORM ALLOWANCE **

If employees are required to wear uniforms in the performance of this contract (either by the terms of the Government contract, by the employer, by the state or local law, etc.), the cost of furnishing such uniforms and maintaining (by laundering or dry cleaning) such uniforms is an expense that may not be borne by an

employee where such cost reduces the hourly rate below that required by the wage determination. The Department of Labor will accept payment in accordance with the following standards as compliance:

The contractor or subcontractor is required to furnish all employees with an adequate number of uniforms without cost or to reimburse employees for the actual cost of the uniforms. In addition, where uniform cleaning and maintenance is made the responsibility of the employee, all contractors and subcontractors subject to this wage determination shall (in the absence of a bona fide collective bargaining agreement providing for a different amount, or the furnishing of contrary affirmative proof as to the actual cost), reimburse all employees for such cleaning

and maintenance at a rate of $3.35 per week (or $.67 cents per day). However, in those instances where the uniforms furnished are made of "wash and wear" materials, may be routinely washed and dried with other personal garments, and do not require any special treatment such as dry cleaning, daily washing, or commercial
laundering in order to meet the cleanliness or appearance standards set by the terms
of the Government contract, by the contractor, by law, or by the nature of the work,
there is no requirement that employees be reimbursed for uniform maintenance costs.

** SERVICE CONTRACT ACT DIRECTORY OF OCCUPATIONS **

The duties of employees under job titles listed are those described in the "Service Contract Act Directory of Occupations", Fifth Edition (Revision 1), dated September 2015, unless otherwise indicated.

** REQUEST FOR AUTHORIZATION OF ADDITIONAL CLASSIFICATION AND WAGE RATE, Standard Form 1444 (SF-1444) **

Conformance Process:

The contracting officer shall require that any class of service employee which is not listed herein and which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination), be classified by the contractor so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination (See 29 CFR 4.6(b)(2)(i)). Such conforming procedures shall be initiated by the contractor prior to the performance of contract work by such unlisted class(es) of employees (See 29 CFR 4.6(b)(2)(ii)). The Wage and Hour Division shall make a final determination of conformed classification, wage rate, and/or fringe benefits which shall be paid to all employees performing in the classification from the first day of work on which contract work is performed by them in the classification. Failure to pay such unlisted employees the compensation agreed upon by the interested parties and/or fully determined by the Wage and Hour Division retroactive to the date such class of employees commenced contract work shall be a violation of the Act and this contract. (See 29 CFR 4.6(b)(2)(v)). When multiple wage determinations are included in a contract, a separate SF-1444 should be prepared for each wage determination to which a class(es) is to be conformed.

The process for preparing a conformance request is as follows:

1) When preparing the bid, the contractor identifies the need for a conformed occupation(s) and computes a proposed rate(s).

2) After contract award, the contractor prepares a written report listing in order the proposed classification title(s), a Federal grade equivalency (FGE) for each proposed classification(s), job description(s), and rationale for proposed wage rate(s), including information regarding the agreement or disagreement of the

authorized representative of the employees involved, or where there is no authorized representative, the employees themselves. This report should be submitted to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work.

3) The contracting officer reviews the proposed action and promptly submits a report of the action, together with the agency's recommendations and pertinent information including the position of the contractor and the employees, to the U.S. Department of Labor, Wage and Hour Division, for review (See 29 CFR 4.6(b)(2)(ii)).

4) Within 30 days of receipt, the Wage and Hour Division approves, modifies, or disapproves the action via transmittal to the agency contracting officer, or notifies the contracting officer that additional time will be required to process the request.

5) The contracting officer transmits the Wage and Hour Division's decision to the contractor.

6) Each affected employee shall be furnished by the contractor with a written copy of such determination or it shall be posted as a part of the wage determination (See 29 CFR 4.6(b)(2)(iii)).

Information required by the Regulations must be submitted on SF-1444 or bond paper.

When preparing a conformance request, the "Service Contract Act Directory of Occupations" should be used to compare job definitions to ensure that duties requested are not performed by a classification already listed in the wage determination. Remember, it is not the job title, but the required tasks that determine whether a class is included in an established wage determination. Conformances may not be used to artificially split, combine, or subdivide classifications listed in the wage determination (See 29 CFR 4.152(c)(1)).

General Decision Number: MA180001 03/09/2018 MA1

Superseded General Decision Number: MA20170001

State: Massachusetts

Construction Type: Building

Counties: Barnstable, Bristol, Dukes, Essex, Middlesex, Nantucket, Norfolk and Suffolk Counties in Massachusetts.

BUILDING CONSTRUCTION PROJECTS (does not include single family homes and apartments up to and including 4 stories)

Note: Under Executive Order (EO) 13658, an hourly minimum wage of $10.35 for calendar year 2018 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least $10.35 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2018. The EO minimum wage rate will be adjusted annually. Please note that this EO applies to the above-mentioned types of contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but it does not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60). Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/05/2018
1	01/12/2018
2	02/09/2018
3	02/16/2018
4	02/23/2018
5	03/09/2018

ASBE0006-001 09/01/2017

	Rates	Fringes
Insulator/asbestos worker Includes the application of all insulating materials, protective coverings, coatings, and finishes to all types of mechanical systems		
(ZONE A)	$ 46.09	27.50
(ZONE B)	$ 41.48	27.50

ZONES:

ZONE A
BARNSTABLE COUNTY (Brewster, Chatham, Dennis, Eastham, Harwich, Orleans, Provincetown, Truro, Wellfleet, Yarmouth) BRISTOL COUNTY (Easton), MIDDLESEX COUNTY, and NORFOLK COUNTY (Avon, Braintree, Brookline, Canton, Cohasset, Dedham, Dover, Foxborough, Holbrook, Medfield, Medway,

Millis, Milton, Needham, Norfolk, Norwood, Quincy,
Randolph, Sharon, Stoughton, Walpole, Wellesley, Westwood,
Weymouth)

ZONE B
BARNSTABLE COUNTY (Barnstable, Bourne, Falmouth, Mashpee,
Sandwich), BRISTOL COUNTY (All cities except Easton),and
NORFOLK COUNTY (Bellingham, Franklin, Plainville)

ASBE0006-002 06/01/2017

BARNSTABLE (Brewster, Chatham, Dennis, Eastham, Harwich,
Orleans, Provincetown, Truro, Wellfleet and Yarmouth); BRISTOL
(Easton); ESSEX; MIDDLESEX; NORFOLK (Avon, Braintree,
Brookline, Canton, Cohasset, Dedham, Dover, Foxboro, Holbrook,
Hull, Medfield, Medway, Millis, Milton, Needham, Norfolk,
Norwood, Quincy, Randolph, Sharon Stoughton, Walpole,
Wellesley, Westwood, and Weymouth) AND SUFFOLK COUNTIES

	Rates	Fringes
HAZARDOUS MATERIAL HANDLER (Includes preparation, wetting, stripping, removal, scrapping, vacuuming, bagging and disposing of all insulation materials from mechanical systems whether they contain asbestos or not)....	$ 34.45	19.40

ASBE0006-010 09/01/2017

BARNSTABLE (Barnstable, Bourne, Falmouth, Mashpee and
Sandwich); BRISTOL (Acushnet, Attleboro city, Berkeley,
Dartmouth, Dighton, Fairhaven, Fall river City, Freetown,
Marion, Mansfield, New Bedford City, North Attleboro, Norton,
Raynham, Rehoboth, Seekonk, Somerset, Swansea, Taunton City and
Westport); DUKES; NANTUCKET; NORFOLK (Bellingham, Franklin,
Plainville, and Wrentham); PLYMOUTH (Lakeville, Mattapoisett,
Middleboro, Rochester and Wareham)

	Rates	Fringes
Insulator/asbestos worker (Includes the application of all insulating materials, protective coverings, coatings and finishes to all types of mechanical systems.)....	$ 41.48	27.50

BOIL0029-001 01/01/2017

	Rates	Fringes
BOILERMAKER.....	$ 42.42	24.92

BRMA0001-008 09/01/2017

FOXBORO CHAPTER
BRISTOL (Attleboro, Berkley, Dighton, Mansfield, North
Attleboro, Norton, Raynham, Rehoboth, Seekonk, Taunton) AND
NORFOLK (Bellingham, Canton, Dedham, Foxboro, Franklin,

Norfolk, Norwood, Plainville, Sharon, Walpole, Westrwood,
Wrentham) COUNTIES

	Rates	Fringes
Bricklayer, Cement Mason, Plasterer	$ 49.96	31.36

BRMA0001-009 09/01/2017

LOWELL CHAPTER
MIDDLESEX (Acton, Asby, Ayer, Bedford, Billerica, Boxboro, Carlisle, Chemsford, Dracut, Dunstble, Ft. Denvens, Groton, Littleton, Lowell, North Acton, Pepperell, Shirley, South Acton, Tewksbury, Townsend, Tyngsboro, West Acton, Westford, Wilmington)

	Rates	Fringes
Bricklayer and plasterer	$ 49.96	31.36

BRMA0001-010 09/01/2017

LOWELL CHAPTER
MIDDLESEX (Ashland, Framingham, Holliston, Hopkinton, Hudson, Maynard, Natick, Sherbvorn, Stow); and NORFOLK (Medfield, Medway,Millis)

	Rates	Fringes
BRICKLAYER	$ 49.96	31.36

BRMA0003-001 02/01/2018

	Rates	Fringes
Marble & Tile Finisher	$ 39.82	30.89
Marble, Tile & Terrazzo Workers	$ 52.10	32.92
TERRAZZO FINISHER	$ 51.00	32.76

BRMA0003-003 02/01/2018

BOSTON CHAPTER
MIDDLESEX (Arlington, Cambridge, Everett, Malden, Medford, Melrose, Somerville); NORFOLK (Brookline, Milton); and SUFFOLK

	Rates	Fringes
BRICKLAYER	$ 52.06	32.97

BRMA0003-006 02/01/2018

LYNN CHAPTER
ESSEX (Amesbury, Andover, Beverly, Boxford, Danvers, Essex, Georgetown, Gloucester, Groveland, Hamilton, Haverhill, Ipsewich, Lawrence, Lynn, Lynnfield, Manchester, Marblehead, Merrimac, Methuen, Middleton, Nahant, Newbury, Newburyport, North Andover, Peabody, Rockport, Rowley, Salisbury, Salem, Saugus, Swampscott, Topsfield Wakefield, Wenham, West Newbury); and MIDDLESEX (Reading, North Reading, Wakefield)

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                                  Rates          Fringes

Bricklayer, cement mason and
plasterer.......................$ 52.06            32.97
----------------------------------------------------------------
 BRMA0003-007 02/01/2018

WALTHAM CHAPTER
MIDDLESEX (Belmont, Burlington, Concord, Lexington, Lincoln,
Stoneham, Sudbury, Waltham, Watertown, Wayland, Weston,
Winchester, Woburn)


                                  Rates          Fringes

Bricklayer and plasterer.........$ 52.06            32.97
----------------------------------------------------------------
 BRMA0003-008 02/01/2018

NEWTON CHAPTER
MIDDLESEX (Newton) and NORFOLK (Dover, Needham, Wellesley)


                                  Rates          Fringes

Bricklayer, cement mason and
plasterer.......................$ 52.06            32.97
----------------------------------------------------------------
 BRMA0003-009 02/01/2018

NEW BEDFORD
BARNSTABLE; BRISTOL (Acushnet, Darmouth, Farhaven, Fall River,
Freetown, New Bedford, Somerset, Swansea, Westport); DUKES; and
NANTUCKET COUNTIES


                                  Rates          Fringes

Bricklayer, cement mason and
plasterer.......................$ 52.06            32.97
----------------------------------------------------------------
 BRMA0003-010 02/01/2018

QUINCY CHAPTER
NORFOLK COUNTY (Avon, Braintree, Cohasset, Holbrook, Quincy,
Randolph, Soughton, Weymouth)


                                  Rates          Fringes

Bricklayer, cement mason and
plasterer.......................$ 52.06            32.97
----------------------------------------------------------------
 CARP0026-001 09/01/2017

BRISTOL (Attleborough, North Attleborough);  ESSEX;  MIDDLESEX
(Except Belmont, Cambridge, Everett, Malden, Medford,
Somerville); AND NORFOLK (Bellingham, Canton, Foxboro,
Franklin, Medfield, Medway, Millis, Needham, Norfolk, Norwood,
Plainville, Sharon, Walpole, Wellesley, Westwood, Wrentham)


                                  Rates          Fringes
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CARPENTER.....$ 39.28 27.90

CARP0033-001 09/01/2017

MIDDLESEX (Belmont, Cambridge, Everett, Malden, Medford, Somerville); NORFOLK (Brookline, Dedham, Milton); and SUFFOLK

	Rates	Fringes
CARPENTER.....	$ 46.43	28.35

CARP0056-011 08/01/2015

SUFFOLK (All of County); and those areas of BARNSTABLE, BRISTOL, ESSEX, MIDDLESEX & NORFOLK COUNTIES situated inside Boston Beltway (I-495) and North of Cape Cod Canal. ALL of DUKES AND NANTUCKET COUNTIES

	Rates	Fringes
PILEDRIVERMAN.....	$ 42.04	29.73

CARP0056-012 08/01/2015

The areas of BARNSTABLE, BRISTOL, and NORFOLK COUNTIES situated OUTSIDE Boston Beltway (I-495) and South of Cape Cod Canal

	Rates	Fringes
PILEDRIVERMAN.....	$ 42.04	29.73

CARP0056-013 08/01/2015

Those areas of ESSEX and MIDDLESEX COUNTIES situated OUTSIDE Boston Beltway (I-495)

	Rates	Fringes
PILEDRIVERMAN.....	$ 42.04	29.73

CARP0424-003 09/01/2017

NORFOLK COUNTY (Braintree, Cohassett, Scituate, Weymouth, Quincy)

	Rates	Fringes
CARPENTER.....	$ 39.28	27.90

CARP0624-005 09/01/2017

DUKES; NANTUCKET

	Rates	Fringes
CARPENTER.....	$ 46.43	28.35

CARP0624-007 09/01/2017

BARNSTABLE; BRISTOL (Except Attleboro & North Attleboro); AND
NORFOLK (Avon, Holbrook, Randolph, Stoughton) COUNTIES

	Rates	Fringes
CARPENTER.....	$ 39.28	27.90

CARP1121-001 10/01/2017

	Rates	Fringes
MILLWRIGHT.....	$ 39.52	30.85

CARP2168-001 09/01/2016

MIDDLESEX (Belmont, Cambridge, Everett, Malden, Medford,
Somerville); NORFOLK (Brookline, Dedham, Milton); and SUFFOLK

	Rates	Fringes
FLOOR LAYER: Carpet.....	$ 42.65	28.32

CARP2168-004 09/01/2016

BRISTOL; ESSEX; MIDDLESEX (Except Belmont, Cambridge, Everett,
Malden, Medford, Somerville); Remainder of Norfolk County

	Rates	Fringes
FLOOR LAYER: Carpet.....	$ 42.65	28.32

CARP2168-005 09/01/2016

BARNSTABALE; DUKES; AND NANTUCKET

	Rates	Fringes
FLOOR LAYER: Carpet.....	$ 42.65	28.32

ELEC0096-001 12/01/2017

MIDDLESEX (Ashby, Ashland, Ayer, Ft. Devens, Groton, Hopkinton,
Hudson, Marlboro, Pepperell, Shirley, Stow, Townsend)

	Rates	Fringes
ELECTRICIAN.....	$ 42.32	11%+20.06
Teledata System Installer.....	$ 29.04	23.04

ELEC0099-001 06/01/2017

BRISTOL (Attleboro, North Attleboro, Seekonk)

	Rates	Fringes
ELECTRICIAN.....	$ 38.08	57.24%
Teledata System Installer.....	$ 28.56	13.1%+13.76

ELEC0103-001 09/01/2017

ESSEX; MIDDLESEX (Excluding Ashby, Ashland, Ayer, Ft. Devens,

Groton, Hopkinton, Hudson, Marlboro, Pepperell, Shirley, Stow, Townsend); NORFOLK (Excluding Avon, Holbrook, Plainville, Randolph, Stoughton) SUFFOLK

	Rates	Fringes
Teledata System Installer	$ 36.96	29.16

ELEC0103-002 09/01/2017

ESSEX (Amesbury, Andover, Boxford, Georgetown, Groveland, Haverhill, Lawrence, Merrimac, Methuen, Newbury, Newburyport, North Andover, Rowley, Salisbury, West Newbury); MIDDLESEX (Bedford, Billerica, Boxboro, Burlington, Carlisle, Chelmsford, Dracut, Dunstable littleton, Lowell, North Reading, Tewksbury, Tyngsboro, Westford, Wilmington)

	Rates	Fringes
ELECTRICIAN	$ 49.28	31.22

ELEC0103-004 09/01/2017

ESSEX (Beverly, Danvers, Essex, Gloucester, Hamilton, Ipswich, Manchester, Marblehead, Middleton, Peabody, Rockport, Salem, Topsfield, Wenham)

	Rates	Fringes
ELECTRICIAN	$ 49.28	31.22

ELEC0103-005 09/01/2017

ESSEX (Lynn, Lynnfield, Nahant, Saugus, Swampscott); MIDDLESEX (Acton, Arlington, Belmont, Cambridge, Concord, Everett, Framingham, Holliston, Lexington, Lincoln, Malden, Maynard, Medford, Melrose, Natick, Newton, Reading, Sherborn, Somerville, Stoneham, Sudbury, Wakefield, Waltham, Watertown, Wayland, Weston, Winchester, Woburn); NORFOLK (Bellingham, Braintree, Brookline, Canton, Cohasset, Dedham, Dover, Foxboro, Frankloin, Medfield, Medway, Millis, Milton, Needham, Norfolk, Norwood, Quincy, Sharon, Walpole, Wellesley, Westwood, Weymouth, Wrentham); PLYMOUTH (Hingham and Hull);SUFFOLK

	Rates	Fringes
ELECTRICIAN	$ 49.28	31.22

ELEC0104-001 09/03/2017

	Rates	Fringes
Line Construction:		
Cableman	$ 38.45	18.42+A
Equipment Operator	$ 38.45	22.50+A
Groundman	$ 24.88	10.24+A
Lineman	$ 45.23	25.71+A

A. PAID HOLIDAYS: New Year's Day; Memorial Day; Independence Day; Labor Day; Thanksgiving Day; Christmas Day and Columbus Day, provided the employee has been

employed 5 working days prior to any one of the listed holidays.

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* ELEC0223-005 03/01/2018

BARNSTABLE; BRISTOL (Except Attleboro, North Attleboro, Seekonk); DUKES; NANTUCKET AND NORFOLK (Avon, Halbrook, Plainville, Randolph, Stoughton)

	Rates	Fringes
ELECTRICIAN	$ 40.42	28.99%+11.15

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* ELEC0223-006 03/01/2018

BARNSTABLE; BRISTOL (Except Attleboro, North Attleboro, Seekonk); DUKES; NANTUCKET AND NORFOLK (Avon, Halbrook, Plainville, Randolph, Stoughton)

	Rates	Fringes
Teledata System Installer	$ 34.27	28.89%+10.90

ELEV0004-001 01/01/2018

	Rates	Fringes
ELEVATOR MECHANIC	$ 57.62	32.645+a+b

FOOTNOTE FOR ELEVATOR MECHANICS:

a.Vacation: 6%/under 5 years based on regular hourly rate for all hours worked. 8%/over 5 years based on regular hourly rate for all hours worked.
b. PAID HOLIDAYS: New Year's Day; Memorial Day; Independence Day; Labor Day; Veterans' Day; Thanksgiving Day; the Friday after Thanksgiving Day; and Christmas Day.

ENGI0004-001 12/01/2017

	Rates	Fringes
Power equipment operators:		
Group 1	$ 46.63	26.90+A
Group 2	$ 46.17	26.90+A
Group 3	$ 31.80	26.90+A
Group 4	$ 38.57	26.90+A
Group 5	$ 23.24	26.90+A
Group 6	$ 27.40	26.90+A

FOOTNOTE FOR POWER EQUIPMENT OPERATORS:
A. PAID HOLIDAYS: New Year's Day, Washington's Birthday, Labor Day, Memorial Day, Independence Day, Patriot's Day, Columbus Day, Veteran's Day, Thanksgiving Day, Christmas Day

HOURLY PREMIUM FOR BOOM LENGTHS (Including Jib):
Over 150 ft. +2.12
Over 185 ft. +3.72
Over 210 ft. +5.23
Over 250 ft. +7.92
Over 295 ft. +10.97

Over 350 ft. +12.76

POWER EQUIPMENT OPERATORS CLASSIFICATIONS
Group 1: Crane; shovel; truck crane; cherry picker; dragline; trench hoe; backhoe; three drum machine; derrick; pile driver; elevator tower; hoist; gradall; shovel dozer; front end loader; fork lift; suger; boring machine; rotaryu drill; post hole hammer; post hole digger; pumpcrete machine; asphalt plant (on site); concrete batching and/or mixing plant (on site); crusher plant (on site); paving concrete mixer; timber jack
Group 2: Sonic or vibratory hammer; grader; scraper; tandem scraper; concrete pump; bulldozer; tractor; york rake; mulching machine; portable steam boiler; portable steam generator; roller; spreader; tamper (self propelled or tractor drawn); asphalt paver; mechanic - maintenance; paving screed machine; stationary steam boiler; paving concrete finishing machine; cal truck; ballast regulator; switch tamper; rail anchor machine; tire truck
Group 3: Pumps (1-3 grouped); compressor; welding machine (1-3 grouped); generator; concrete vibrator; heater (power driven 1- 5); well point system (operating); syphon-pulsometer; concrete mixer; valves controlling permanent plant air or steam; conveyor; Jackson type tamper; single diaphragm pump; lighting plant
Group 4: Assistant engineer (fireman)
Group 5: Oiler (other than truck cranes and gradalls)
Group 6: Oiler (on truck cranes and gradalls) stant engineer (on truck crane and gradall)

IRON0007-006 09/16/2017

AREA 1: BRISTOL (Easton); ESSEX (Beverly, Gloucester, Lynn,Lynnfield, Manchester, Marblehead, Nahant, Rockport, Salem, Saugus, Swampscott); MIDDLESEX (Arlington, Bedford, Belmont, Burlington, Cambridge, Carlisle, Concord, Dunstable, Everett, Framingham, Lexington, Lincoln, Malden, Maynard, Medford, Melrose, Natick, Newton, Reading, Sherborn, Somerville, Stoneham, Sudbury, Wakefield, Waltham, Watertown, Wayland, Weston, Winchester, Woburn); NORFOLK (Except Medway); SUFFOLK

AREA 2: ESSEX (Amesbury, Andover, Boxford, Danvers, Essex, Georgetown, Hamilton, Haverhill, Ipswich, Lawrence, Merrimac, Methuen, Newbury, Newburyport, North Andover, Rowley, Salisbury, Topsfield, Wenham, West Newbury); MIDDLESEX (Action, Billericia, Chelmsford, Dracut, Groton, Groveland, Littleton, Lowell, Middleton, North Reading, Pepperell, Tewksbury, Tyngsboro, Westford, Wilmington)

	Rates	Fringes
Ironworkers:		
AREA 1	$ 44.71	30.56
AREA 2	$ 40.30	30.56

IRON0007-010 09/16/2017

MIDDLESEX (Ashby, Ashland, Ayer, Boxboro, Holliston, Hopkinton, Hudson, Marlboro, Shirley, Stow, Townsend); NORFOLK (Medway)

	Rates	Fringes

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IRONWORKER.....................$ 44.41            30.56
----------------------------------------------------------------
 IRON0037-005 09/16/2017

BARNSTABLE; BRISTOL (Acushnet, Attleboro, Berkley, Dartmouth,
Dighton, Fairhaven, Fall River, Freetown, Mansfield, New
Bedford, North Attleboro, Norton, Raynham, Rehoboth, Seekonk,
Somerset, Swansea, Taunton, Westport); DUKES; NANTUCKET;
NORFOLK (Billingham, Franklin, Plainville, Wrentham)


                                  Rates          Fringes

IRONWORKER.....................$ 34.89            26.87
----------------------------------------------------------------
 LABO0014-001 12/01/2017

                                  Rates          Fringes

Plasterer tender
     BARNSTABLE, BRISTOL,
     DUKES, ESSEX, NANTUCKET,
     MIDDLESEX (with the
     exception of Arlington,
     Belmont, Burlington,
     Cambridge, Everett,
     Malden, Medford, Melrose,
     Reading, Somerville,
     Stoneham, Wakefield,
     Winchester, Winthrop and
     Woburn); NORFOLK (with the
     exception of Brookline
     Dedham and Milton) COUNTIES.$ 32.83            22.50
     SUFFOLK COUNTY (Boston,
     Chelsea, Revere, Winthrop,
     Deer Island, Nut Island);
     MIDDLESEX COUNTY
     (Arlington, Belmont,
     Burlington, Cambridge,
     Everett, Malden, Medford,
     Melrose, Reading,
     Somerville, Stoneham,
     Wakefield, Winchester,
     Winthrop and Woburn only);
     NORFOLK COUNTY (Brookline,
     Dedham, and Milton only)....$ 37.50            23.65
----------------------------------------------------------------
 LABO0022-009 12/01/2017

SUFFOLK COUNTY (Boston, Chelsea, Revere, Winthrop, Deer & Nut
Islands); MIDDLESEX COUNTY (Arlington, Belmont, Burlington,
Cambridge, Everett, Malden, Medford, Melrose, Reading,
Somerville, Stoneham, Wakefield, Winchester, Winthrop, and
Woburn only); NORFOLK COUNTY (Brookline, Dedham, and Milton
only)


                                  Rates          Fringes

Laborers:
     Group 1....................$ 37.50            23.65
     Group 2....................$ 37.75            23.65
     Group 3....................$ 38.25            23.65
     Group 4....................$ 38.50            23.65
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     Group 5....................$ 38.25            23.65
     Group 6....................$ 39.50            23.65
     Group 7....................$ 20.50            23.65

LABORERS CLASSIFICATIONS

GROUP 1:  Laborers; Carpenter Tenders

  GROUP 2:  Jackhammer operator; pavement breaker; asphalt
  raker carbide core drilling machine; chain saw operator;
  pipelayer; barco type jumping tampers; laser beam; concrete
  pump; mason tender; motorized mortar mixer; ride-on
  motorized buggy; fence and beam rail erector

  GROUP 3:  Air track, block paver; rammer; curb setter,
  hydraulic and similar self-powered drills

GROUP 4:  Blaster; powderman

GROUP 5:  Pre-cast floor and roof plank erector

GROUP 6:  Asbestos removal laborers/haz-mat laborers

GROUP 7:  Flaggers

----------------------------------------------------------------
 LABO0022-010 12/01/2017

Counties of BARNSTABLE; BRISTOL; DUKES; ESSEX; NANTUCKET;
MIDDLESEX (with the exception of Arlington, Belmont,
Burlington, Cambridge, Everett, Malden, Medford, Melrose,
Reading, Somerville, Stoneham, Wakfield, Winchester, Winthrop
and Woburn); NORFOLK (with the exception of Brookline, Dedham
and Milton)


                                  Rates          Fringes

Laborers:
     Group 1....................$ 32.83            22.50
     Group 2....................$ 33.08            22.50
     Group 3....................$ 33.58            22.50
     Group 4....................$ 33.83            22.50
     Group 5....................$ 33.58            22.50
     Group 6....................$ 34.83            22.50

LABORERS CLASSIFICATIONS

GROUP 1:  Laborers; Carpenter Tenders

  GROUP 2:  Jackhammer operator; pavement breaker; asphalt
  raker carbide core drilling machine; chain saw operator;
  pipelayer; barco type jumping tampers; laser beam; concrete
  pump; mason tender; motorized mortar mixer; ride-on
  motorized buggy; fence and beam rail erector

  GROUP 3:  Air track, block paver; hammer; curb setter,
  hydraulic and similar self-powered drills

GROUP 4:  Blaster; powderman

GROUP 5:  Pre-cast floor and roof plank erector

GROUP 6:  Asbestos removal laborers/haz-mat laborers
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LABO1421-004 12/01/2017

BARNSTABLE, BRISTOL, DUKES, ESSEX, MIDDLESEX, NANTUCKET NORFOLK
AND SUFFOLK COUNTIES

	Rates	Fringes
Laborers: (Wrecking)		
Group 1	$ 37.65	23.65
Group 2	$ 38.40	23.65
Group 3	$ 38.65	23.65
Group 4	$ 33.65	23.65
Group 5	$ 36.75	23.65
Group 6	$ 37.65	23.65

Group 1: Adzeman, Wrecking Laborer.
Group 2: Burners, Jackhammers.
Group 3: Small Backhoes, Loaders on tracks, Bobcat Type Loaders, Hydraulic "Brock" Type Hammer Operators, Concrete Cutting Saws.
Group 4: Yardman (Salvage Yard Only).
Group 5: Yardman, Burners, Sawyers.
Group 6: Asbestos, Lead Paint, Toxic and Hazardous Waste.

PAIN0011-007 06/01/2017

BARNSTABLE, BRISTOL, DUKES, AND NANTUCKET COUNTIES

	Rates	Fringes
GLAZIER	$ 36.28	20.45+A

FOOTNOTE:
A. PAID HOLIDAY: LABOR DAY (provided employee has worked any part of the week prior to Labor Day and any part of the week after Labor Day)

PAIN0035-004 01/01/2017

BARNSTABLE; BRISTOL; ESSEX; NANTUCKET; DUKES; COUNTIES;
REMAINDER OF NORFOLK; MIDDLESEX AND SUFFOLK COUNTIES

	Rates	Fringes
Painters:		
NEW CONSTRUCTION:		
Brush, Taper	$ 37.86	28.10
Spray, Sandblast	$ 39.26	28.10
REPAINT:		
Brush, Taper	$ 35.92	28.10
Spray, Sandblast	$ 37.32	28.10

PAIN0035-013 01/01/2017

MIDDLESEX (Cambridge, Everett, Malden, Medford, Somerville)
SUFFOLK COUNTY (Boston, Chelsea) NORFOLK COUNTY (Brookline)

	Rates	Fringes

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Painters:
     NEW CONSTRUCTION:
      Brush, Taper...............$ 43.65            28.10
      Spray, Sandblast...........$ 45.05            28.10
     REPAINT:
      Brush, Taper...............$ 41.71            28.10
      Spray, Sandblast...........$ 43.11            28.10
----------------------------------------------------------------
 PAIN0035-020 01/01/2017

ESSEX; MIDDLESEX; NORFOLK; SUFFOLK

                                  Rates          Fringes

GLAZIER........................$ 37.86            28.10
----------------------------------------------------------------
 PLAS0534-001 01/01/2018

ESSEX; MIDDLESEX; NORFOLK AND SUFFOLK COUNTY

                                  Rates          Fringes

CEMENT MASON/CONCRETE FINISHER...$ 40.00            36.06
----------------------------------------------------------------
 PLAS0534-004 01/01/2018

MIDDLESEX; NORFOLK AND SUFFOLK COUNTIES

                                  Rates          Fringes

PLASTERER......................$ 40.00            36.06
----------------------------------------------------------------
 PLUM0004-001 09/01/2017

MIDDLESEX (Ashby, Ayer-West of Greenville branch of Boston and
Maine Railroad, Ft. Devens, Groton, Shirley, Townsend)


                                  Rates          Fringes

Plumbers and Pipefitters.........$ 43.41            25.51
----------------------------------------------------------------
 PLUM0012-005 09/01/2017

ESSEX (Ames, Andover, Beverly, Boxford, Byfield, Danvers,
Essex, Georgetown, Gloucester, Groveland, Hamilton, Haverhill,
Ipswich, Lawrence, Manchester, Marblehead, Merrimac, Methuem,
Middleton, Newbury, Newburyport, North Andover, Peabody,
Rockport, Rowley, Salem, Salisbury, Topsfield, Wenham, West
Newbury)


                                  Rates          Fringes

PLUMBER........................$ 49.86            28.18
----------------------------------------------------------------
 PLUM0012-007 09/01/2017

ESSEX (Lynn, Lynnfield, Nahant, Saugus, and Swampscott);
MIDDLESEX (Acton, Arlington, Ashford, Ayer-except west of
Greenville Branch of Boston & Maine Rail Road, Bedford,
Belmont, Billerica, Boxboro, Burlington,  Cambridge, Carlise,
Chelmsford, Concord, Dracut, Dunstable, Everett, Framingham,
Hudson, Holliiston, Hopkinton, Lexington, Lincoln, Littleton,
Lowell, Malden, Marlboro, Maynard, Medford, Melrose, Natick,
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Newton, North Reading, Pepperell, Reading, Sherborn, Somerville, Stoneham, Stow, Sudbury, Tewksbury, Tyngsboro, Wakefield, Watham, Watertown, Wayland, Westford, Wilmington, Winchester and Woburn), NORFOLK (Bellingham, Braintree, Brookline, Canton, Cohasset, Dedham, Dover, Foxboro, Franklin, Medford, Medway, Millis, Milton, Needham, Norfolk, Norwood, Plainville, Quincy, Sharon, Walpole, Wellesley, Westwood, Weymouth and Wrentham); PLYMOUTH (Hingham, Hull, Scituate); SUFFOLK; WORCESTER (Hopedale and Southboro)

	Rates	Fringes
PLUMBER	$ 53.94	28.18

PLUM0051-004 09/01/2016

BARNSTABLE; BRISTOL; DUKES; NANTUCKET; AND NORFOLK (Avon, Holbrook, Randolph, Stoughton) COUNTIES

	Rates	Fringes
Plumbers and Pipefitters	$ 38.38	28.20

PLUM0537-005 09/01/2016

ESSEX (Ames, Andover, Beverly, Boxford, Byfield, Danvers, Essex, Georgetown, Gloucester, Groveland, Hamilton, Haverhill, Ipswich, Lawrence, Lynn, Lynnfield, Manchester, Marblehead, Merrimac, Methuem, Middleton, Nahant, Newbury, Newburyport, North Andover, Peabody, Rockport, Rowley, Salem, Salisbury, Saugus, Swampscott,Topsfield, Wenham, West Newbury); MIDDLESEX (Acton, Arlington, Ashford, Ayer-except west of Greenville Branch of Boston & Maine Rail Road, Bedford, Belmont, Billerica, Boxboro, Burlington, Cambridge, Carlise, Chelmsford, Concord, Dracut, Dunstable, Everett, Framingham, Hudson, Holliiston, Hopkinton, Lexington, Lincoln, Littleton, Lowell, Malden, Marlboro, Maynard, Medford, Melrose, Natick, Newton, North Reading, Pepperell, Reading, Sherborn, Somerville, Stoneham, Stow, Sudbury, Tewksbury, Tyngsboro, Wakefield, Watham, Watertown, Wayland, Westford, Wilmington, Winchester and Woburn), NORFOLK (Bellingham, Braintree, Brookline, Canton, Cohasset, Dedham, Dover, Foxboro, Franklin, Medford, Medway, Millis, Milton, Needham, Norfolk, Norwood, Plainville, Quincy, Sharon, Walpole, Wellesley, Westwood, Weymouth and Wrentham); PLYMOUTH (Hingham, Hull, Scituate); SUFFOLK; WORCHESTER (Hopedale and Southboro)

	Rates	Fringes
PIPEFITTER	$ 50.19	29.76

ROOF0033-001 02/01/2018

	Rates	Fringes
Roofers:		
All Tear-off and/or removal of any types of roofing and all spudding, sweeping, vacuuming and/or cleanup of any and all areas of any type where a		

roof is to be relaid.....$ 42.36 26.80

SFMA0550-001 10/01/2017

BRISTOL (Portion within 35 mile radius from Boston City Hall; ESSEX; MIDDLESEX (Except Ashby, Townsend, and portions of Pepperell and Shirley beyond 35 mile radius from Boston City Hall); NORFOLK; PLYMOUTH (Portion within 35 mile radius of Boston City Hall); SUFFOLK

	Rates	Fringes
SPRINKLER FITTER.....	$ 57.58	26.78+a

a. PAID HOLIDAYS: Memorial Day, July 4th, Labor Day, Thanksgiving Day and Christmas Day, provided the employee has been in the employment of a contractor 20 working days prior to any such paid holiday.

SFMA0550-002 10/01/2017

BRISTOL (Seekonk, Swansea, and Somerset)

	Rates	Fringes
SPRINKLER FITTER.....	$ 51.82	26.78+a

a. PAID HOLIDAYS: Memorial Day, July 4th, Labor Day, Thanksgiving Day and Christmas Day, provided the employee has been in the employment of a contractor 20 working days prior to any such paid holiday.

SFMA0669-001 04/01/2017

BARNSTABLE; BRISTOL (Beyond 35 mile radius of Boston City Hall); DUKES; MIDDLESEX (Ashby, Townsend, portions of Pepperell and Shirley beyond 35 mile radius of Boston City Hall); NANTUCKET; PLYMOUTH (Beyond 35 mile radius of Boston City Hall)

	Rates	Fringes
SPRINKLER FITTER.....	$ 40.26	15.84

SHEE0017-003 10/01/2015

BRISTOL (Attleboro, Berkley, Easton, Mansfield, North Attleboro, Norton, Raynham, Taunton); ESSEX; MIDDLESEX; NORFOLK; PLYMOUTH (except except Marion, Mattapoisett, Rochester, Wareham); SUFFOLK

	Rates	Fringes
Sheet metal worker.....	$ 35.60	30.05

SHEE0017-007 10/01/2015

BARNSTABLE; BRISTOL (Acushnet, Assonet, Dartmouth, Dighton, Fairhaven, Fall River, Freetown, New Bedford, Rehoboth, Seeekonk, Somerset, Swansea, Westport); DUKES; AND NANTUCKET

```
                                  Rates          Fringes

Sheet metal worker...............$ 35.60            30.05
----------------------------------------------------------------
 TEAM0379-001 12/01/2017

                                  Rates          Fringes

Truck drivers:
     Group 1.....................$ 32.48        24.27+A+B
     Group 2.....................$ 32.65        24.27+A+B
     Group 3.....................$ 32.72        24.27+A+B
     Group 4.....................$ 32.84        24.27+A+B
     Group 5.....................$ 32.94        24.27+A+B
     Group 6.....................$ 33.23        24.27+A+B
     Group 7.....................$ 33.52        24.27+A+B

POWER TRUCKS $.25 DIFFERENTIAL BY AXLE
TUNNEL WORK (UNDERGROUND ONLY) $.40 DIFFERENTIAL BY AXLE
  HAZARDOUS MATERIALS (IN HOT ZONE ONLY) $2.00 PREMIUM


                       TRUCK DRIVERS CLASSIFICATIONS

Group 1:  Station wagons; panel trucks; and pickup trucks

Group 2:  Two axle equipment; & forklift operator

Group 3:  Three axle equipment and tireman

Group 4:  Four and Five Axle equipment

  Group 5:  Specialized earth moving equipment under 35 tons
  other than conventional type trucks; low bed; vachual;
  mechanics, paving restoration equipment

Group 6:  Specialized earth moving equipment over 35 tons

  Group 7:  Trailers for earth moving equipment (double hookup)


FOOTNOTES:

  A.  PAID HOLIDAYS:  New Year's Day, Washington's Birthday,
  Memorial Day, Independence Day, Labor Day, Patriot's Day,
  Columbus Day, Veteran's Day, Thanksgiving Day and Christmas
  Day

  B.  PAID VACATION:  Employees with 4 months to 1 year of
  service receive 1/2 day's pay per month; 1 week vacation
  for 1 - 5 years of service; 2 weeks vacation for 5 - 10
  years of service; and 3 weeks vacation for more than 10
  years of service

----------------------------------------------------------------

WELDERS - Receive rate prescribed for craft performing
operation to which welding is incidental.

================================================================

Note: Executive Order (EO) 13706, Establishing Paid Sick Leave
for Federal Contractors applies to all contracts subject to the
Davis-Bacon Act for which the contract is awarded (and any
```

solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which

these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

* an existing published wage determination
* a survey underlying a wage determination
* a Wage and Hour Division letter setting forth a position on a wage determination matter
* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor

200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION

EXHIBIT31

CONTRACTOR'S QUALIFICATIONS AND FINANCIAL INFORMATION

OMB Control Number: 3090-0007
Expiration Date: 9/30/2018

Paperwork Reduction Act Statement - This information collection meets the requirements of 44 USC § 3507, as amended by section 2 of the Paperwork Reduction Act of 1995. You do not need to answer these questions unless we display a valid Office of Management and Budget (OMB) control number. The OMB control number for this collection is 3090-0007. We estimate that it will take 2.5 hours to read the instructions, gather the facts, and answer the questions. Send only comments relating to our time estimate, including suggestions for reducing this burden, or any other aspects of this collection of information to: General Services Administration, Regulatory Secretariat Division (M1V1CB), 1800 F Street, NW, Washington, DC 20405.

SECTION I - GENERAL INFORMATION

1A. NAME

1B. STREET ADDRESS

1C. CITY | 1D. STATE | 1E. ZIP CODE

2. TYPE OF ORGANIZATION *(Check one)*

- ☐ A. SOLE PROPRIETORSHIP
- ☐ B. GENERAL PARTNERSHIP
- ☐ C. LIMITED PARTNERSHIP
- ☐ D. CORPORATION
- ☐ E. SUBCHAPTER S CORPORATION
- ☐ F. LIMITED LIABILITY COMPANY
- ☐ G. JOINT VENTURE
- ☐ H. TRUST
- ☐ I. OTHER *(Specify below)*

3. TAXPAYER ID NUMBER

4. DATE ORGANIZATION ESTABLISHED

5. STATE OF INCORPORATION

6. TRADE STYLE NAME *(Provide a copy of filing)*

7. KIND OF PRODUCT OR SERVICE PROVIDED

8. FORMER BUSINESS NAME

9. KIND OF BUSINESS

- ☐ A. MANUFACTURER
- ☐ B. CONTRACTOR
- ☐ C. WHOLESALER
- ☐ D. RETAILER
- ☐ E. OTHER *(Specify)*

10. INVENTORY VALUATION METHOD

- ☐ A. LIFO
- ☐ B. FIFO
- ☐ C. AVERAGE COST
- ☐ D. OTHER *(Specify)*

11. OWNERSHIP INFORMATION-PARTNERS-PRINCIPAL STOCKHOLDERS-OTHERS

NAME	TITLE *(If partner, state G(General) or L(Limited) in column)*		PERCENT BUSINESS OWNED
	ACTUAL TITLE	G OR L	

12. PARENT COMPANY *(If applicable)*

A. NAME

B. CITY | C. STATE

13. IF "YES" TO ANY QUESTION BELOW, PROVIDE DETAILED INFORMATION IN SECTION VIII, REMARKS	YES	NO
A. HAVE YOU, OR ANY OF YOUR AFFILIATES EVER FILED FOR BANKRUPTCY?		
B. DO YOU HAVE ANY JUDGMENTS, LIENS, OR PENDING SUITS?		
C. DO YOU HAVE ANY CONTINGENT LIABILITIES?		
D. HAVE YOU OR ANY OF YOUR AFFILIATES DISCUSSED BUSINESS OPERATIONS WITHOUT OUTSTANDING DEBTS?		

SECTION II - GOVERNMENT FINANCIAL AID AND INDEBTEDNESS

14A. ARE YOU DELINQUENT ON ANY FEDERAL DEBT (OMB CIRCULAR A-129) ☐ YES ☐ NO
(If "Yes", provide detailed information, Section VIII, Remarks)

14B. DO YOU OWE THE GOVERNMENT FOR ANY CONTRACT OR OTHER CLAIMS? ☐ YES ☐ NO

IF "YES", COMPLETE THE ITEMS BELOW

AGENCY	CLAIM AMOUNT	PAYMENT	MATURITY	BALANCE

15A. AGENCY INVOLVED WITH DELINQUENCY

15B. AMOUNT OF DELINQUENCY ($)

16. ARE YOU CURRENTLY RECEIVING GOVERNMENT FINANCING?

☐ YES

☐ NO *(Go to Section III)*

17. COMPLETE ITEMS BELOW IF APPLICABLE

TYPE OF FINANCING	AUTHORIZED ($)	IN USE ($)	GOVERNMENT AGENCY INVOLVED
A. INDUSTRIAL REVENUE BONDS			
B. GUARANTEED LOANS			
C. ADVANCED PAYMENTS			
D. PROGRESS PAYMENTS			
E. OTHER *(Specify)*			

SECTION III - FINANCIAL STATEMENTS

Prepared Financial Statements **with notes** may be provided in lieu of completing Section III

When financial statements are prepared or certified by independent accountants and transcribed to this form, please furnish the name and address of accountant of accounting firm.

18. ARE YOU THE INCUMBENT CONTRACTOR FOR THIS SOLICITATION? ☐ YES ☐ NO

19A. NAME

19B. STREET ADDRESS

19C. CITY | 19D. STATE | 19E. ZIP CODE

20. IF TRANSCRIBED STATEMENTS DIFFER FROM INDEPENDENT ACCOUNTANT'S, PLEASE DESCRIBE ADJUSTMENT IN SECTION VII, REMARKS. ALL OF THE LISTED FIGURES ARE:

	ACTUAL		U.S. DOLLARS
	IN THOUSANDS		FOREIGN CURRENCY *(Specify)*
	IN MILLIONS		

21. BALANCE SHEET AS OF *(Month, Day, Year)*

22. FISCAL YEAR ENDS *(Month, Day, Year)*

23. PREPARED STATEMENTS ☐ ARE ATTACHED

24. ASSETS		25. LIABILITIES AND NET WORTH	
A. Current Assets		**A. Current Liabilities**	
Cash		Accounts payable	
Short Term cash investments		Notes payable *(current)*	
Accounts receivable, less allowance for doubtful accounts of $		Current portion of long term debt	
		Accrued expenses	
Inventories		Accrued taxes on income/excess profits	
Other current assets *(Itemize below)*		Other current liabilities *(Itemize below)*	
Total Current Assets		**Total Current Liabilities**	
B. Property, Plant and Equipment		**B. Other Liabilities**	
Land		Mortgages	
Buildings and equipment		Bonds	
Leasehold improvements		Deferred income taxes	
Less accumulated depreciation and amortization		Other long term debt	
Total Property, Plant and Equipment		**Total Other Liabilities**	
C. Other Assets		**Total Liabilities**	
Investments in and advance to affiliated company		**C. Minority Interest in Subsidiary**	
Goodwill, less amortization		**D. Net Worth**	
Due from officer, employee		Preferred stock	
Other *(Itemize below)*		Common stock	
		Additional paid-in capital	
		Retained earnings/owner's equity	
		Less, Treasury stock	
Total Other Assets		**Total Net Worth**	
D. TOTAL ASSETS		**E. TOTAL LIABILITIES AND NET WORTH**	

SECTION IV - INCOME STATEMENT

26. FROM *(Month, Day, Year)*

27. TO *(Month, Day, Year)*

28. INCOME

A. Net Sales		Minority Interest in Earnings of Subsidiaries	
Cost and Expenses			
Cost of Goods Sold		**Total Costs and Expenses**	
Depreciation and Amortization			
Selling, General, and Admin. Expenses		Earnings Before Taxes	
Interest Expense		Taxes on Income	
Other Expenses *(Itemize below)*		Income Before Extraordinary Items	
		Extraordinary Gains (Losses) Net of Taxes	
		NET INCOME (LOSS)	

SECTION V - BANKING AND FINANCE COMPANY INFORMATION

(Please attach a separate sheet using this format for any additional banks.)

ITEM	BANK 1				BANK 2			
29. Name of Bank								
30. Contact Person								
31. Phone Number	AREA CODE	NUMBER		EXTENSION	AREA CODE	NUMBER		EXTENSION
32. Fax Number	AREA CODE	NUMBER			AREA CODE	NUMBER		
33. Address	STREET ADDRESS				STREET ADDRESS			
	CITY		STATE	ZIP CODE	CITY		STATE	ZIP CODE
34. Amount Owing ($)								
35. Term Loans	☐ Yes		☐ No		☐ Yes		☐ No	
36. Line of Credit	☐ Yes		☐ No		☐ Yes		☐ No	
37. Maximum Amount Authorized ($)								
38. Amount Outstanding ($)								

39. Loans Secured by Company's Assets - Real and Personal Property

A.	SECURED PARTY NAME		CONTACT NAME		
	STREET ADDRESS	CITY		STATE	ZIP CODE
	SECURING ASSETS		MATURITY DATE	MONTHLY PAYMENT ($)	
B.	SECURED PARTY NAME		CONTACT NAME		
	STREET ADDRESS	CITY		STATE	ZIP CODE
	SECURING ASSETS		MATURITY DATE	MONTHLY PAYMENT ($)	
C.	SECURED PARTY NAME		CONTACT NAME		
	STREET ADDRESS	CITY		STATE	ZIP CODE
	SECURING ASSETS		MATURITY DATE	MONTHLY PAYMENT ($)	
D.	SECURED PARTY NAME		CONTACT NAME		
	STREET ADDRESS	CITY		STATE	ZIP CODE
	SECURING ASSETS		MATURITY DATE	MONTHLY PAYMENT ($)	

40. ARE ANY OF THE ASSETS SHOWN ON THE BALANCE SHEET PLEDGED OR MORTGAGED, EXCEPT AS STATED ABOVE?

☐ NO ☐ YES *(Explain in Section VII, Remarks)*

41A. IF CONTRACTOR IS A PARTNERSHIP OR SOLE PROPIERTORSHIP, ARE THE INDIVIDUAL LIABILITIES OF THE PROPIETOR(S) FOR FEDERAL AND STATE INCOME AND/OR EXCESS PROFIT TAXES INCLUDED ON THE BALANCE SHEET?

☐ YES ☐ NO

41B. TOTAL LIABILITY ($)

42. ARE YOU NOW IN OR PENDING DEFAULT ON ANY OBLIGATIONS, I.E., BANKS, FINANCIAL INSTITUTIONS, SUPPLIERS, OTHER?

☐ NO ☐ YES *(Provide detailed information in Section VII, Remarks)*

SECTION VI - PRINCIPAL MERCHANDISE OR RAW MATERIAL SUPPLIER INFORMATION

(Please attach separate sheet(s) using this format for additional suppliers.)

43. PAST DUE ACCOUNTS PAYABLE ($)

ITEM	44. SUPPLIER 1			45. SUPPLIER 2		
A. Name of Supplier						
B. Contact Person						
C. Telephone	AREA CODE	NUMBER	EXTENSION	AREA CODE	NUMBER	EXTENSION
D. Fax	AREA CODE	NUMBER		AREA CODE	NUMBER	
E. Address	STREET ADDRESS			STREET ADDRESS		
	CITY	STATE	ZIP CODE	CITY	STATE	ZIP CODE
F. Amount Now Owing ($)						
G. High Credit ($)						

ITEM	46. SUPPLIER 3			47. SUPPLIER 4		
A. Name of Supplier						
B. Contact Person						
C. Telephone	AREA CODE	NUMBER	EXTENSION	AREA CODE	NUMBER	EXTENSION
D. Fax	AREA CODE	NUMBER		AREA CODE	NUMBER	
E. Address	STREET ADDRESS			STREET ADDRESS		
	CITY	STATE	ZIP CODE	CITY	STATE	ZIP CODE
F. Amount Now Owing ($)						
G. High Credit ($)						

SECTION VII - CONSTRUCTION/SERVICE CONTRACTS INFORMATION *(Public Buildings Service Contracts Only)*

CONTRACTS IN FORCE

ITEM	48. CONTRACT 1			49. CONTRACT 2		
A. Location						
B. Owner's Name						
C. Address	STREET ADDRESS			STREET ADDRESS		
	CITY	STATE	ZIP CODE	CITY	STATE	ZIP CODE
D. Type of Work						
E. Contract Amount ($)						
F. Percent Completed						
G. Estimated Completion Date						

ITEM	50. CONTRACT 3			51. CONTRACT 4		
A. Location						
B. Owner's Name						
C. Address	STREET ADDRESS			STREET ADDRESS		
	CITY	STATE	ZIP CODE	CITY	STATE	ZIP CODE
D. Type of Work						
E. Contract Amount ($)						
F. Percent Completed						
G. Estimated Completion Date						

ITEM	52. CONTRACT 5			53. CONTRACT 6		
A. Location						
B. Owner's Name						
C. Address	STREET ADDRESS			STREET ADDRESS		
	CITY	STATE	ZIP CODE	CITY	STATE	ZIP CODE
D. Type of Work						
E. Contract Amount ($)						
F. Percent Completed						
G. Estimated Completion Date						

ITEM	54. CONTRACT 7			55. CONTRACT 8		
A. Location						
B. Owner's Name						
C. Address	STREET ADDRESS			STREET ADDRESS		
	CITY	STATE	ZIP CODE	CITY	STATE	ZIP CODE
D. Type of Work						
E. Contract Amount ($)						
F. Percent Completed						
G. Estimated Completion Date						

LARGEST JOBS YOU HAVE COMPLETED IN THE LAST FIVE YEARS

ITEM	56. JOB 1				57. JOB 2			
A. Location								
B. Contact's Name								
C. Address	STREET ADDRESS				STREET ADDRESS			
	CITY		STATE	ZIP CODE	CITY		STATE	ZIP CODE
D. Telephone	AREA CODE	NUMBER		EXTENSION	AREA CODE	NUMBER		EXTENSION
E. Type of Work								
F. Contract Amount ($)								
G. Amount Sublet ($)								

ITEM	58. JOB 3				59. JOB 4			
A. Location								
B. Contact's Name								
C. Address	STREET ADDRESS				STREET ADDRESS			
	CITY		STATE	ZIP CODE	CITY		STATE	ZIP CODE
D. Telephone	AREA CODE	NUMBER		EXTENSION	AREA CODE	NUMBER		EXTENSION
E. Type of Work								
F. Contract Amount ($)								
G. Amount Sublet ($)								

ITEM	60. JOB 5				61. JOB 6			
A. Location								
B. Contact's Name								
C. Address	STREET ADDRESS				STREET ADDRESS			
	CITY		STATE	ZIP CODE	CITY		STATE	ZIP CODE
D. Telephone	AREA CODE	NUMBER		EXTENSION	AREA CODE	NUMBER		EXTENSION
E. Type of Work								
F. Contract Amount ($)								
G. Amount Sublet ($)								

LIST COMPANIES FROM WHOM YOU OBTAIN SURETY BONDS							
ITEM	62. SURETY COMPANY 1				63. SURETY COMPANY 2		
A. Company Name							
B. Contact's Name							
C. Telephone	AREA CODE	NUMBER		EXTENSION	AREA CODE	NUMBER	EXTENSION
D. Fax	AREA CODE	NUMBER			AREA CODE	NUMBER	
E. Address	STREET ADDRESS				STREET ADDRESS		
	CITY		STATE	ZIP CODE	CITY	STATE	ZIP CODE

64. PRESENT AMOUNT OF BONDING COVERAGE ($)	65. HAS YOUR APPLICATION FOR SURETY BOND EVER BEEN DECLINED? *(If Yes, please provide detailed information in Remarks)* ☐ YES ☐ NO	66. DURING THE PAST 2 YEARS, HAVE YOU BEEN CHARGED WITH A FAILURE TO MEET THE CLAIMS OF YOUR SUBCONTRACTORS OR SUPPLIERS? *(If Yes, please provide detailed information in Remarks)* ☐ YES ☐ NO

SECTION VIII - REMARKS

REMARKS *(Cite those sections of the form relating to your remarks. If additional space is required, attach additional sheet(s).)*

CERTIFICATION

For the purpose of establishing financial responsibility with, or procuring credit from the General Services Administration, we furnish the above as a true and correct statement of our financial condition and further certify that all other statements are true and correct. There has been no material change in the applicant's financial condition since the date of the above statement. We agree to notify you immediately in writing of any materially unfavorable change in our financial condition. In the absence of such notice or of a new and full financial statement, this is to be considered as a continuing statement.

NAME OF BUSINESS	BY *(Signature of Authorized Official)*	
	NAME OF AUTHORIZED OFFICIAL *(Type or print)*	DATE
	TITLE OF AUTHORIZED OFFICIAL *(Type or print)*	

EXHIBIT 32

AGREEMENT

Between

MAINTENANCE CONTRACTORS OF NEW ENGLAND

And

SERVICE EMPLOYEES INTERNATIONAL UNION

LOCAL 32BJ

October 1, 2016 through September 30, 2020

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AGREEMENT

This Agreement made this 30th day of September, 2016 by and between each contractor member of the **Maintenance Contractors of New England** signatory hereto, their subsidiaries, their successors, and assigns (hereinafter referred to as the "Employer") and **Service Employees International Union, Local 32BJ** (hereinafter referred to as the "Union"). The Union and the Employer expressly covenant and agree that the management rights and obligations created by this Collective Bargaining Agreement attach exclusively to the individual signatory contractors and that the Maintenance Contractors of New England is an entity existing solely for the purpose of bargaining this Agreement.

Article 1
Mutual Obligations

1.1 The Employer, the Union and the Union members agree that they will endeavor to treat each other with dignity and respect. The Employer obligates itself that it will in good faith comply with all of the provisions of this Agreement. The Union obligates itself and its members that they will in good faith comply with all of the provisions of this Agreement and that the employees will perform their work conscientiously and efficiently under the terms of this Agreement.

Article 2
Territorial Jurisdiction

2.1 This Agreement shall cover the territory of the Commonwealth of Massachusetts and the State of Rhode Island. The parties have entered into a voluntary Recognition Agreement for various parts of the State of New Hampshire which is attached to this Agreement listed as Appendix "D".

Article 3
Recognition

3.1 The Employer recognizes the Union as the exclusive bargaining agent for its employees engaged in the Contract Building Service Industry, wherever employed in the covered territory performing janitorial services, including all forepersons, Janitors, Porters, Cleaners, Doormen, Elevator Operators, Starters, and Handymen and Groundspersons Landscapers, if not previously covered by Agreements with other Unions, but exclusive of:

1. All executive, salaried Supervisors, sales employees and clerical employees.

2. Any employee with the authority to hire, discharge, discipline or otherwise effect changes of the status of employees on the job.

3. All employees who do not regularly work in excess of fifteen (15) hours per week, provided, however, that these employees are not on a regularly assigned schedule. All such excluded employees shall be paid at the rate of pay no less than the applicable minimum rate of the particular time of his employment.

3.2 Wherever the word "employee" is used in this Agreement, it shall apply only to the employees covered by this Agreement and not to any of the excluded employees and, except for the foregoing sub-paragraph (3), none of the provisions of this Agreement shall apply to the excluded employees. "Masculine Pronouns" will apply to both the masculine and feminine gender, unless the context clearly indicates otherwise.

3.3 The Employer shall be bound by the applicable area-wide agreements for all work performed within and subject to the scope of those agreements for all areas within the Union's jurisdiction, including the following agreements and successor agreements thereto:

a. The 2016 Independent or Realty Advisory Board on Labor Relations, Inc., Contractors Agreement;

b. The 2016 Long Island Contractors Agreement;

c. The 2016 New Jersey Contractors Agreement;

d. The 2016 Hudson Valley and Fairfield County Contractors Agreement;

e. The 2015 Philadelphia BOLR or Independent Contractors Agreement;

f. The 2015 Washington Service Contractors Association Agreement;

g. The 2015 Philadelphia Suburban Contractors Agreement;

h. The 2016 Delaware Contractors Agreement;

i. The 2015 Pittsburgh Central Business District Contractors Agreement;

j. The 2015 Suburban Pittsburgh Contractors Agreement; and

k. The 2016 Hartford/Connecticut Contractors Agreement

Article 4
Union Membership

4.1 The Employer agrees that all employees presently employed shall, as a condition of employment, join the Union within thirty (30) calendar days after the effective date of this Agreement, and shall continue their membership during the life of the Agreement. Consistent with applicable law, an employee need not be a formal member of the Union and can satisfy this membership obligation by paying to the Union the financial core fee, as that fee is defined by applicable law.

4.2 All new employees shall join the Union, or take the necessary steps to begin paying the financial core fee, within thirty (30) calendar days after their employment and

shall also be required, as a condition of employment, to continue their membership or pay the financial core fee during the life of this Agreement.

4.3 It is understood the Employer shall not make dues deductions for any employee until and unless the employee provides a signed Dues Deduction Authorization Form to the appropriate Employer representative. Provided the Employer has received the requisite signed Dues Deduction Authorization Form, the Employer shall install applicable members into the Union or as financial core fee payers, as applicable, on a given day every month in order to facilitate the Union's office procedure and such date shall be flexible.

Article 5
Category Definition

5.1 For the purpose of this Contract, the following classifications will be applicable:

- Category "A" = Regularly scheduled employees of over 29 hours.
- Category "B" = Regularly scheduled employees of between 16 and 29 hours, inclusive.
- Category "C" = Regularly scheduled employees of under 16 hours.
- Category "D" = Casual employees.

5.2 Employees under Categories "A", "B" and "C" will pay initiation fee(s) and monthly dues, as stipulated by the Union for each category. The Articles of this Agreement will apply, as stipulated, throughout the Agreement.

5.3 Casual employees are hired on a per day, event or irregularly scheduled basis and shall, as a condition of employment, pay dues as established by the Union.

Casual employees shall be entitled to all terms and conditions of this Agreement including Article 7 – Wages with the exception of any non-wage economic terms and conditions of employment contained herein.

Article 6
Check-Off

6.1 Upon receipt of written authorization signed by each employee, the Employer agrees to deduct monthly membership dues or financial core fees, as applicable, from the employee's earned wages and remit such dues or fees to the Local Union. The Employer further agrees upon receipt of such authorization to deduct the Initiation Fee, if applicable, and to remit same to the Union. The dues remittance report provided by the Employer shall indicate each employee's name, work site and regularly scheduled hours.

6.2 All such dues and initiation fee(s) will be payable from the Employer to the Union not later than the final business day of the month following the month in which the deductions are made. All payments made after that date will be subject to a penalty of six percent (6%) per month, computed daily.

6.3 The Employer shall maintain accurate employee information and transmit dues, initiation fees, American Dream Fund, and all legal assessments deducted from employees' paychecks to the Union electronically via ACH or wire transfer utilizing the 32BJ self-service portal, unless the Union directs in writing that dues be remitted by means other than electronic transmittals. The transmission shall be accompanied with information for whom the dues are transmitted, the amount of dues payment for each employee, the employee's wage rate, the employee's date of hire, the employee's location or location change, whether the employee is part-time or full-time, the employee's social security number, the employee's address and the employee's classification. The Union shall provide any necessary training opportunity to the employer to facilitate electronic transmissions.

6.4 If an employee does not revoke his or her dues authorization at the end of a year following the date of authorization, or at the end of the current contract, whichever is earlier, it shall be deemed a renewal of authorization, irrevocable for another year, or until the expiration of the next succeeding contract, whichever is earlier.

6.5 At the time of hire, the Employer shall give to new employees, as provided by the Union, a check-off authorization form, Union membership application, and, where appropriate, benefit fund enrollment forms. The Employer will send to the Union offices those forms (or portions thereof) that the employee chooses to fill out and return to the Employer.

Article 7
Wages

7.1 Wages, during the term of this Agreement, shall be paid as set forth in Appendix "A", attached hereto and made part of this Agreement.

7.2 Appendix "A" consists of fourteen (14) wage schedules:

1. Metropolitan Boston: An area to include those locations within a fifteen (15) mile radius of Boston City Hall. Any issue as to whether a building is in or out of the fifteen (15) mile radius will be resolved using the GPS Waypoint Format as the means of measurement.

2. Suburban Area: An area to include those Massachusetts locations within a twenty-five (25) mile radius of Boston City Hall, and including the City of Worcester, but excluding Metropolitan Boston and Mall and Retail. Any issue as to whether a building is in or out of the twenty-five (25) mile radius will be resolved using the GPS Waypoint Format as the means of measurement.

3. Malls: Shopping malls, excluding those locations in the Cities of Boston and Cambridge.

4. Retail: Retail establishments, excluding those locations in the Cities of Boston and Cambridge.

5. New Bedford: An area to include the City of New Bedford, Massachusetts.

6. Springfield: An area to include the City of Springfield, Massachusetts.

7. Westborough: An area to include the Town of Westborough, Massachusetts.

8. Worcester: An area to include the City of Worcester.

9. City of Providence, Rhode Island.

10. Rhode Island Suburbs (Outside the City of Providence).

    a. The wage rate shall follow the schedule of increases in Appendix "A"

    b. For buildings that are less than 50,000 square feet in size and for route work, wage schedules will be mutually determined as the need arises pursuant to Article 7 – Wages 7.4 of the Master Agreement.

    c. For route work defined as bank branches, payment centers, retail outlets, facilities that are less than 10,000 square feet or less, wage schedules will be mutually determined as needed pursuant to Article 7 – Wages 7.4 of the Master Agreement.

11. Small Buildings:

    a. For buildings that are 75,000 square feet or less in size and currently not represented by the Union and are within a five (5) to fifteen (15) mile radius of Boston City Hall, the Employer may pay the rate established for the Suburban Area.

    b. For buildings that are 100,000 square feet or less in size and are currently not represented by the Union and are within a fifteen (15) to

twenty-five (25) mile radius of Boston City Hall, the Employer shall follow the increases in Appendix "A".

12. Route Work: Defined as bank branches, payment centers, retail outlets and facilities that are 10,000 square feet or less. The Employer will pay follow the increases in Appendix "A".

13. Residential: In the Central Business District of Boston, Longwood Medical Area, the Fenway and the City of Cambridge, the Metropolitan Boston rates will apply. In all other areas, the Suburban Area rates will apply in buildings with less than 400 units. In other areas within fifteen (15) miles of Boston City Hall with buildings of 400 units or more, there is a sixty ($0.60) cents per hour premium added to the Suburban rates. The rates shall follow the increases in Appendix "A". In the event that the Union achieves a sixty-five (65%) percent density of the market, the Employers agree to a re-opener of wages.

14. Public School Districts and Municipal Buildings: Defined as all public schools and municipal buildings outside of Metropolitan Boston and Cambridge.

7.3 In the event that the Union can demonstrate that the Employer cleans sixty-five (65%) percent of the commercial office building over 25,000 square feet (sixty-five (65%) percent density) in the cities of New Bedford, Springfield, Westborough, and Worcester the Employer agrees to reopen negotiations on wages in any of the above referenced cities that the Union can demonstrate it has reached such density. The Union must be able to demonstrate that it has sixty-five (65%) percent density of the applicable city at the time it gives notice. Any negotiations under this provision shall be limited to wage rates for any of the cities mentioned above and all terms and conditions of this Agreement shall remain in full force and effect.

7.4 Such other wage schedules for the rest of the Commonwealth of Massachusetts shall be mutually determined as the need arises.

7.5 Overscale employees shall receive increases in their rate of pay equal to the increase in the minimum rate of the applicable wage schedule each time the minimum rate increases.

7.6 It is agreed that all wages will be paid on a weekly basis. If a holiday falls on Friday, employees will be paid the day before.

7.7 The Employer may require, at no cost to the employee, that an employee's check be electronically deposited at the employee's designated bank or that a paycheck card is utilized. Employees shall have the option to decline electronic deposit or utilization of a pay check card. The Union shall be notified by the Employer of this arrangement at implementation and the employees and the Union will be provided with appropriate information explaining the process and policies, such as fee policies and replacement card policies, of each applicable payroll service provider.

7.8 Employees who work in biomedical or pharmaceutical GMP areas or cleanrooms shall be paid one ($1.00) dollar above their contractual minimum rate in this agreement so long as they meet the requirements of the position.

Article 8
Overtime

8.1 Overtime shall be paid at the rate of time and one-half (1½) the employees' regular rate to all employees covered by this Agreement for all hours actually worked in any week in excess of forty (40) hours.

Article 9
Holidays

9.1 All regular employees in Categories "A", "B", and "C" shall be entitled to have the following holidays off without loss of pay:

▪ New Year's Day	▪ Victory Day**	▪ Columbus Day
▪ Martin Luther King Day	▪ Memorial Day	▪ Veteran's Day
▪ President's Day	▪ Independence Day	▪ Thanksgiving Day
▪ Patriot's Day*	▪ Labor Day	▪ Christmas Day

*Applies only to Massachusetts **Applies only to Rhode Island

9.2 The holiday, when not worked, will not count as hours worked with respect to overtime. However, when the holiday is worked, it will count as hours worked with respect to overtime, even though overtime pay will have been paid for working the holiday. Whether worked or not worked the Employer must pay contributions to the Funds described in Article 15 – Group Insurance Benefits and Article 16 – Pension for holidays. The Employer must also report all holiday hours, whether worked or not worked, to the Funds.

9.3 It shall be a requirement that those employees who are to receive holiday pay must work their full scheduled working day before and working day after the holiday and if scheduled to work the holiday must work the holiday unless on a scheduled vacation. If the employee works on a holiday and uses a contractual personal or sick day on the scheduled working day before or after the holiday they will also receive their holiday pay.

9.4 When a holiday falls on an employee's regularly scheduled work day, then it is his obligation to work if required by the Employer, but he will be compensated at time and one-half (1½) his hourly rate, in addition to any holiday pay to which he is entitled. This is applicable to all employees in Categories "A", "B" and "C".

9.5 When an Employer plans to substitute a day for a holiday in duplication of the policy of a building, notice must be given to the Union fourteen (14) days before the contract holiday date.

9.6 It is understood that the Employer has a right to use a substitute day for a holiday, based upon duplicating the policy of any particular building.

9.7 It is understood that holidays are guaranteed, as long as all other requirements are fulfilled and need not fall within the employees' regular work schedule.

9.8 In the event that one contractor shall replace another contractor on a recognized holiday, it shall be the obligation of the new contractor to pay for the holiday pay.

Article 10
Vacations

10.1 Each regular employee in Categories "A", "B" and "C" who, as of the anniversary of his or her most recent date of hire, has worked eighty (80%) percent of his or her regularly scheduled hours in the previous twelve (12) months, shall receive vacation with pay based on the employee's length of continuous service.

10.2 Employees shall receive vacation in accordance with the following schedule:

Continuous Service	Vacation
▪ Less than One (1) Year	= None
▪ One (1) Year	= One (1) Week
▪ Two (2) Years	= Two (2) Weeks
▪ Five (5) Years	= Two (2) Weeks and Three (3) Days
▪ Ten (10) Years	= Three (3) Weeks
▪ Fifteen (15) or More Years	= Four (4) Weeks

10.3 Employer contributions to the Funds described in Article 15 – Group Insurance Benefits and Article 16 – Pension must be paid for all hours in which employees receive vacation pay pursuant to this Article.

10.4 Authorized leaves of absence shall count toward the eighty (80%) percent of regularly scheduled hours necessary to render an employee eligible to receive vacation, except that the amount of vacation shall be reduced pro-rata based on the length of the authorized leave. An employee's vacation year shall begin on the anniversary of his or her most recent date of hire, and there shall be no vacation carryover from year to year.

10.5 Newly hired employees shall work one (1) full year (12 months) prior to being eligible for any vacation. Once an employee reaches his/her first anniversary date, he/she will be eligible to take (or at his/her option, receive pay for) one (1) week of vacation as set forth in the next paragraph, subject to any applicable pro-rata reduction.

10.6 For the purposes of this Article, one (1) day's vacation for an employee shall be equal to the employee's regularly scheduled hours worked each workday, excluding overtime. One (1) week's vacation for an employee shall be equal to the employee's regularly scheduled hours worked each workweek, excluding overtime.

10.7 Employees may take vacation subject to the Employer's prior approval and operational needs. However, an employee must have completed his or her applicable anniversary year prior to taking any vacation. Approval of requested vacation will be the Employer's prerogative and seniority will prevail so far as practicable and compatible with the operational requirements of the Employer. Employees will have the option to receive pay in lieu of vacation on their anniversary date. Employees who have exercised the option to receive vacation pay on their anniversary date shall be able to take vacation time off at a later date. Employees will be issued vacation checks in weekly installments separate from their regular pay check.

10.8 In the event an Employer loses a contract, the successor Employer will recognize an employee's years of continuous service with the previous Employer for purposes of determining an employee's vacation entitlement. In the event an employee is terminated or quits for any reason the Employer shall pay the employee who has more than one (1) year of service a vacation accrual based upon the amount of time elapsed from his/her anniversary date of employment to the date of the employee's termination. Vacation shall be calculated pursuant to the following method:

a. Number of days elapsed from anniversary date of employment to date of termination divided by 365 days, multiplied by the employee's vacation entitlement.

In the event that contractors who are signatory to this Agreement change in a building, both the contractor who loses the account and the one that acquires the account shall pay their share of the employee's vacation accrual based upon the above described method.

Article 11
Sick Leave/Personal Days (Personal Time Off)

11.1 Each regular employee in Categories "A", "B" "C", shall be eligible for eight (8) combined paid sick and personal days each calendar year. Employees may use these days as personal or sick days.

11.2 Category "D" employees shall earn one (1) hour of sick leave for every thirty (30) hours worked up to a maximum of forty (40) hours in a calendar year.

11.3 Pro Rata Accrual (Effective January 1, 2017): Employees who are newly hired shall receive the pro rata share of Personal Time Off based on their date of hire once they reach sixty (60) days of seniority. The Pro Rata Share shall be the number of full weeks until January1st divided by 52 and multiplied by eight (8) days. Employees hired by a successor employer in a contract flip shall be provided Pro Rata Personal

days for the first calendar year under the same formula with no wait period. Employees regularly scheduled to work less than five (5) days per week shall receive the pro rata share of eight (8) paid sick/personal time off calculated by regularly scheduled hours divided by 40 multiplied by eight (8) days.

Article 12
Bereavement Pay

12.1 In the event of a death in the employee's immediate family (i.e., father, mother, sister, brother, child, grandchild, spouse/spousal equivalent), the employee shall be entitled to the next three (3) succeeding days off or three (3) days around the funeral or, if an employee must travel internationally, three (3) days in the thirty (30) days following the death and shall be reimbursed (up to the three (3) days) for any time lost from his/her regular schedule as a result of such absence. In the event of the death of a grandparent, step-parent, step-child, in-law, aunt or uncle the employee shall be entitled to one (1) day off in the next three (3) days and shall be reimbursed for any time lost from his/her regular schedule as a result. Employer contributions to the Funds described in Article 15 – Group Insurance Benefits and Article 16 – Pension must be paid for all hours in which employees are receiving bereavement pay pursuant to this Article.

Article 13
Unpaid Leave of Absence

13.1 The Employer may grant leaves of absence without pay to an employee who, for compelling reasons, requests an unpaid absence from work. Leave without pay shall be granted only at the Employer's sole discretion, subject to the Employer's business and operational requirements, if the Employer determines that the employee has a valid reason for taking such leave and other Employer leave policies (e.g., family and medical leave, bereavement leave, jury duty, military service, etc.) either are not applicable or have been exhausted. An employee shall provide the Employer with as

much notice of his or her desire to take leave without pay as is practicable under the circumstances, but in no event shall the employee provide less than fourteen (14) calendar days' notice, except in exigent circumstances as determined by the Employer or in the case of bereavement as defined in Article 12 – Bereavement Pay.

13.2 Employees who have five (5) year of service or more shall be granted an unpaid leave of absence for a period not to exceed two (2) weeks which may be taken in conjunction with the employee's vacation time at intervals of three (3) years. If a holiday should occur during the above vacation period, the employee shall receive a normal day's pay for said holiday and if a holiday should occur during the period of unpaid leave the employee will not be eligible for said holiday.

13.3 The maximum amount of leave that may be granted under this unpaid leave of absence policy will be up to three (3) months in the Employer's sole discretion, depending upon the Employer's business and operational requirements. The Employer may also require reasonable documentation depending upon the reason for the leave.

13.4 To be eligible for an unpaid leave of absence, an employee must have at least one (1) year of continuous service prior to the effective date of the leave of absence. For determining length of service with the Employer, time spent on authorized unpaid leaves of absence (including, in the aggregate, leave granted under this policy and leave granted under other Employer leave policies) will be counted as continuous service; however where an employee's total period of leave exceeds six (6) months in any consecutive twelve (12) month period, such leave in excess of six (6) months shall not be counted as continuous service.

13.5 The Employer shall not be responsible for any applicable Health and Welfare contributions and/or payments during any leave of absence granted under this Article except as required under applicable law.

13.6 Any requests for leave granted under this Article must be in writing. If the Employer grants a leave of absence, the Employer shall reduce to writing the period of leave granted, including the beginning and end dates of the leave. The employee must report for work by the date specified as the end date of the leave and will return to the same position, provided that such position is available at the time the employee returns to work. If there has been a reduction in force during leave, availability of position shall be determined by seniority. If such position is not available, the Employer shall make a good faith effort to place the employee in an equivalent position, provided that such a position is available at the time the employee returns to work.

13.7 Subject to Paragraphs 13.1 through 13.5 of this Article, an employee may request an unpaid leave of absence to work with the Union. Such leave shall not be unreasonably denied; provided that no more than one (1) employee per work site, per shift may be on an unpaid leave of absence for this purpose at any given time.

Article 14
Jury Duty

14.1 Any employee who is required to report for jury service on the day and during the hours which he is scheduled to work shall be paid the difference between the amount received for jury service and the amount he would have earned working his regularly scheduled day at his straight time rate. Employer contributions to the Funds described in Article 15 – Group Insurance Benefits and Article 16 – Pension must be paid for all hours in which employees are paid for jury duty pursuant to this Article.

14.2 In order to receive such pay from the Employer, the employee must furnish evidence from the Court of such service and the amount paid him by the Court.

Article 15
Group Insurance Benefits

15.1 Effective October 1, 2016 through December 31, 2016:

15.2 For each regular employee in Category "A", each Employer shall pay to the Boston Building Service Employees' Trust Fund ("BBSE Trust Fund"); effective October 1, 2016 $1,006.09 per month. Contributions shall be effective on the first (1st) day following ninety (90) days of the employee's continuous employment. Effective January 1, 2017, the employer shall cease contributions to the BBSE Trust Fund and make contributions consistent with Paragraph 15.9.

15.3 Full-time employees who work in buildings in excess of 450,000 square feet in the Central Business District of the City of Boston who were employed as of September 30, 2012 shall have Health and Welfare contributions made on their behalf of $1,333.25 per month. This contribution represents a composite rate which will entitle those grandfathered employees in the Central Business District who elect family coverage to receive it without any cost to them. Effective January 1, 2017, the employer shall cease contributions to the 615 Trust Fund and make contributions consistent with Paragraph15.9. For Employers required to contribute to the Building Service 32BJ Health Fund effective January 1, 2017, the contributions to the BBSE Trust Fund outlined in the preceding two (2) paragraphs will be redirected to and deposited into the Massachusetts Service Employees Pension Fund. Effective January 1, 2017, contributions to the Massachusetts Service Employees Pension Fund will be as set out in Article 16 – Pension

15.4 The Employer will continue contributions to the BBSE Fund for part-time employees in the Central Business District who received dental and vision coverage at a rate of $35.00 per month under the prior Agreement through December 31, 2016. In the event a part-time employee who receives this coverage quits or is terminated the Employer is not obligated to continue this coverage on any newly hired employees. Effective January 1, 2017, the employer shall no longer make contributions on these employees and eligibility for the benefit shall end. The Employer shall make a payment to each employee who was eligible for the benefit on December 31, 2016 of $250.00 by January 15, 2017.

15.5 For the period October 1, 2016 through December 31, 2016, the Employer shall pay the monthly rate for an insured employee, while he or she is in the hospital or disabled for a covered illness, for no less than six (6) months, provided that proper medical verification is given to the Employer.

In the event that an employee is scheduled to work more than twenty-nine (29) hours per week for ninety (90) calendar days, the employee shall be entitled to receive Group Insurance Benefit Fund contributions upon the thirteenth (13th) week as any other regular employee in Category "A".

15.6 Such monies shall be paid to the BBSE Trust Fund not later than the fifteenth (15th) day of the month for which the contribution is being made.

15.7 The Employer agrees to participate in and abide by the rules of the Boston Building Service Employees Trust Fund. It agrees to make all required contributions in a timely and complete manner as prescribed by the Trustees and it also agrees to submit required reports of work performed and submit such requested relevant financial books and records.

15.8 The Employer adopts and ratifies the positions taken by the Fund Trustees as its own. The Employer understands that the Trustees adopt various policies and procedures in administering the Funds and the Employer agrees to abide by all such policies and procedures whether implemented now or sometime in the future. The BBSE Trust Fund shall be administered by four (4) Trustees; two (2) selected by the Union and two (2) selected by the Employers. Any decision to add to or reduce benefits under this Agreement shall be vested wholly in the Trustees

15.9 Effective January 1, 2017: The Employer agrees to make payments into a health trust fund known as the "Building Service 32BJ Health Fund," (32BJ Health Fund) under such provisions, rules, and regulations as may be determined by the Trustees, as provided in the Agreement and Declaration of Trust, to cover Category "A"

employees covered by this Agreement, and their eligible dependents, to be used toward the Tri-State Plan family health benefit provided by the 32BJ Health Fund.

15.10 The Employer shall make contributions to the 32BJ Health Fund. The monthly contribution to the Health Fund for each covered employee shall be:

- Effective January 1, 2017 - $907.00 (90.0 percent of rate)
- Effective January 1, 2018 - $ 963.00 (88.5 percent of rate)
- Effective January 1, 2019 - $997.00 (85.0 percent of rate)
- Effective January 1, 2020 - $1,066.00 (84.2 percent of rate)

15.11 The Employer and the Union recognize that (i) the contributions described in Paragraph 15.9 are insufficient on their own to provide for the benefit described in Paragraph 15.8; (ii) that the BBSE Trust Fund has entered into an agreement (the "inter-fund agreement") with the 32BJ Health Fund, pursuant to which the BBSE Health Fund will make additional contributions on behalf of the employees described in Paragraph 15.8 for the purpose of securing for those employees and their dependents the Tri-State Plan family health benefit described in Paragraph 15.8, resulting in those employees being participants in both the BBSE Fund and the 32BJ Health Fund; (iii) the 32BJ Health Fund's provision of the Tri-State Plan family health benefit is conditioned upon its receipt of both the contributions described in Paragraph 15.9 and the additional contributions described in the inter-fund agreement; and (iv) the terms of the inter-fund agreement may be terminated by either the BBSE Health Fund or by the 32BJ Health Fund, without cause, upon ninety (90) days prior written notice to the other party. In the event that the agreement is terminated, the Employer and the Union agree as follows:

1. The requirement in this collective bargaining agreement that the Employer shall remit contributions to the 32BJ Health Fund shall terminate on the date

that the obligation of the BBSE Fund to make payment to the Health Fund pursuant to the inter-fund agreement terminates ("the termination date").

2. On such termination date, the Employer shall commence remitting contributions theretofore required to be made to the Health Fund to the BBSE Health Fund at the same rate at which such contributions were required to be made to the Health Fund.

3. The Union and the Employer shall recommend to the Trustees of the BBSE Health Fund that, upon the termination of the inter-fund agreement and the redirection of Employer contributions provided for in Paragraph 2 above, the Trustees will adopt a new family health care coverage benefit with benefits substantially equivalent to the Tri-State Plan family health benefit described in Paragraph 15.8.

4. In the event the Trustees of the 615 Fund decline the recommendation by the parties as provided in Paragraph 3 above or otherwise fail to provide for family health coverage for affected employees on or before the termination date provided in Paragraph 2 above, either party may reopen this collective bargaining agreement on the issue of health fund contributions and benefits by providing written notice to the other party.

15.12 Prevailing Wage Accounts: The Employer shall make payments consistent with prevailing wage law. On January 1st and July 1st, the Employer shall measure average hours for the previous six (6) months. An employee who averages over twenty-nine (29) hours per week shall be eligible for family health insurance for six (6) months beginning with the next full month. An employee who averages between twenty (20) and twenty-nine (29) hours per week shall be eligible for single health insurance for the next six (6) months beginning the next full month. An Employee who averages between fifteen (15) and twenty (20) hours shall be eligible for Part-Time Plus Wrap Around Coverage. An employee who averages less than fifteen (15) hours shall not

be eligible for health insurance unless they remain eligible from a previous measurement period.

Article 16
Pension

16.1 Each Employer shall pay to the Massachusetts Service Employees' Pension Fund ("Pension Fund") fifty ($0.50) cents per hour (up to a maximum of 2,080 hours per year, exclusive of overtime) for each Category "A, " "B," and "C" employee, effective on the first day of the month following one hundred eighty (180) days of continuous employment. Effective January 1, 2019, the contribution rate for Category "A" employees is increased to fifty-five ($0.55) cents per hour. Effective January 1, 2017, the Employer shall contribute for all hours worked.

16.2 The signatory Employer agrees to participate in and abide by the rules of the Massachusetts Service Employees Pension Fund. It agrees to make all required contributions in a timely and complete manner as prescribed by the Trustees and it also agrees to submit required reports of work performed and submit such requested relevant financial books and records.

The signatory Employer adopts and ratifies the positions taken by the Fund Trustees as its own. The Employer understands that the Trustees adopt various policies and procedures in administering the Fund and the Employer agrees to abide by all such policies and procedures whether implemented now or sometime in the future.

16.3 Contributions to the Pension Fund shall be paid no later than the twentieth (20th) day of the month following the month for which the contribution is being made. When the Trustees of the Pension Fund determine that a contractor is negligent in his payments, then they can impose a bond or cash surety in the amount of the Employer's monthly contribution, but in no event should such bond or cash surety be less than $2,000.00.

Article 17
Training Fund

17.1 The Employer shall contribute four ($0.04) cents per hour for each hour worked to a maximum of forty (40) hours per week on behalf of all Category "A", "B" and "C" employees to the SEIU New England Property Services Training Fund. Effective January 1, 2017 the contribution shall be six ($0.06) cents per hour worked and the forty (40) hour week cap shall be eliminated. Effective January 1, 2019, the contribution shall be eight ($0.08) cents per hour worked. The Fund shall be a multi-employer Taft Hartley Fund and will have Management and Union Trustees who will oversee the operation and activities of the new Trust Fund.

Article 18
Maintenance Contractors Trust Fund

18.1 The Employer shall continue to contribute two ($0.02) cents per hour for each hour worked to a maximum of forty (40) hours per week on behalf of all Category "A", "B" and "C" employees to a Maintenance Contractor Trust Fund. Effective January 1, 2017, there shall be no forty (40) hour cap on contributions. Effective January 1, 2020, the Employer shall contribute three ($0.03) cents per hour. The Fund shall be a multi-employer Taft Hartley Fund and will have Management and Union Trustees who will oversee the operation and activities of the Trust Fund.

Article 19
Legal Services Fund

19.1 The Employer shall make contributions to the Building Service 32BJ Legal Services Fund to cover Category "A", "B", and "C" employees covered by this Agreement with such benefits as may be determined by the Trustees of the Fund. Effective January 1, 2017, the rate of contribution to the Legal Fund shall be eight ($0.08) cents per hour worked for each eligible employee, payable when and how the Trustees

determine. Effective January 1, 2018, the rate of contribution shall be sixteen ($0.16) cents per hour worked for each eligible employee, payable when and how the Trustees determine.

Article 20

Provisions Applicable to 32BJ Health Fund, Training Fund, Pension, Maintenance, and 32BJ Legal Fund

20.1 Unless otherwise specified in this Agreement, newly hired employees shall have a waiting period of ninety (90) days before becoming eligible to be participants in the Funds, and no contributions shall be made on behalf of newly hired employees over the ninety (90) day period.

20.2 If the Employer fails to make required reports or payments to the Funds, the Trustees may in their sole and absolute discretion take any action necessary, including but not limited to immediate arbitration and suits at law, to enforce such reports and payments, together with interest and liquidated damages as provided in the Funds' trust agreements, and any and all expenses of collection, including but not limited to counsel fees, arbitration costs and fees and court costs.

20.3 If the Employer is regularly or consistently delinquent in Fund payments, the Employer may be required, at the option of the Trustees, to provide the appropriate Trust Fund with security guaranteeing prompt payment of such payments.

20.4 By agreeing to make the required payments into the Funds, the Employer hereby adopts and shall be bound by the Agreement and Declaration of Trust as it may be amended and the rules and regulations adopted or hereafter adopted by the Trustees of each Fund in connection with the provision and administration of benefits and the collection of contributions. The Trustees of the Funds shall make such amendments to the Trust Agreements, and shall adopt such regulations as may be required to conform to applicable law.

20.5 Hours that are paid on overtime, holidays, vacations, sick pay, and jury duty are to be considered hours worked for purposes of Pension, Maintenance, Legal, and Training Funds.

Article 21
Travel Time and Travel Expenses

21.1 Any employee shall be compensated for travel time at a rate of not less than that of his classification and shall be reimbursed for all transportation expenses.

21.2 Travel time and travel expense shall be deemed payable to an employee only when he is traveling between the Employer's office and point of operation or between points of operation.

Article 22
Uniforms

22.1 Uniforms which employees may be required to wear shall be furnished by the Employer, and no deduction shall be made on account thereof. It shall be a presumption that uniforms worn by the employees of any establishment are worn as a condition of employment if such uniforms are of similar design, color or material, or form part of the decorative pattern of the establishment or distinguish the employee as an employee of the concern. Any employer's badge or identification if required as a condition of employment shall be considered part of the uniform. Female employees will be provided smocks as uniforms where required by the Employer.

22.2 The Employer shall launder, clean and maintain such uniforms without cost to the employee.

22.3 No deposit shall be required by an Employer from any employee for a uniform or for any other purpose.

22.4 Adequate foul weather gear shall be provided by the Employer as needed. In the event that employee loses the provided gear, then he shall be responsible for its replacement value.

Article 23
Workers' Compensation

23.1 The Employer agrees to cover the employees under the Massachusetts Workers' Compensation Law on a non-contributory basis, whether or not such coverage is mandatory. For the period, October 1, 2016 through December 31, 2016, the Employer shall continue to pay its portion of health insurance premiums for the first six (6) months an employee is unable to work due to a compensable injury covered under the Workers' Compensation Law.

Article 24
Government Contracts

24.1 Notwithstanding any other provisions of this Agreement, the wage rates, benefits and conditions of employment for services performed pursuant to Contracts with any agency, department or division of the United States Government or for services performed in any premises leased and rented by any such agency, department, or division shall be at least the wage rates, benefits, and conditions of employment established by the secretary of Labor. Said rates, benefits, and conditions of employment shall apply only to the premises stated in this Article. Employees shall receive at least the minimum raises per Appendix "A".

24.2 Employees employed at buildings covered by the Massachusetts Prevailing Wage Law shall receive not less than the wage rates and benefits required by the Prevailing Wage Law. Employers will bid for that work in accordance with those requirements.

Article 25
No Discrimination

25.1 There shall be no discrimination, restraint or coercion by either the Employer or its representatives or the Union or its representatives against any employee because of his or her membership or non-membership and participation or non-participation in the Union or its activities.

25.2 The parties agree that neither shall discriminate against any employee on the basis of race, sex, religion, age, national origin, physical or mental disability, sexual orientation, or veteran status and in addition neither party shall sexually harass – as that term is defined under applicable law – any employee. The parties further agree that an employee who chooses to pursue any claims arising under Title VII of the Civil Rights Act, the Americans with Disabilities Act, the Age Discrimination and Employment Act, Massachusetts Fair Employment Practices Act and/or any discrimination claims arising under any similar local, state or federal rules, statutes and/or regulations ("discrimination claims") shall do so in accordance with this Article.

25.3 The employee may, at his or her election, pursue such discrimination claims either (1) through the grievance and arbitration procedure (Article 41) or (2) through any other forum available at law, including, but not limited to, any state or federal court action and/or any state or federal fair employment practices administrative agency. Once an employee has pursued in any forum a particular discrimination claim, or related claim, such forum shall be the sole and exclusive forum for such claim. Arbitrators shall apply appropriate applicable law in rendering decisions regarding discrimination claims and may award damages as provided for by such applicable law.

25.4 It is the intent of the parties to prevent, through this Article, unnecessary litigation of disputes in multiple forums and to encourage the consolidation of proceedings into a single forum.

Article 26
Seniority

26.1 The Employer recognizes the principles of seniority for employees covered by this Agreement when qualifications such as ability and performance are considered relatively equal by the Employer. The Employer will give preference in cases of layoffs, rehirings, promotions and demotions to employees by applying the principles of seniority either to the Company or to a building as the Employer deems necessary in the interest of better management.

26.2 Seniority shall be lost under the following circumstances:

1. Continuous lay-off for a period of nine (9) months or more.

2. Resign or voluntary quit.

3. Discharge for just cause, including:

    c. Discharge for three (3) consecutive days of absence without notifying the Employer.

    d. Discharge for failure to return from lay off within seven (7) days of written notice.

4. Absence for substantiated illness for a period of more than one (1) year.

26.3 Pursuant to the provisions of Article 45 – Immigration, an employee who provides valid documentation and is rehired by the Employer within nine (9) months of their discharge will not lose their seniority.

26.4 The Employer agrees to notify the Union at the earliest practicable date in the event of a lay-off.

Article 27
Safety

27.1 The Union and the Employer recognize the importance of maintaining a safe and healthy work environment. To that end, any protective devices or other safety equipment and/or supplies necessary for a work assignment, as determined by the Employer or required by applicable law, shall be provided to the employees at no cost and shall be worn and/or utilized by the employees in the performance of their work assignments. Furthermore any machines or mechanical devices provided to employees and required for the performance of their duties shall be maintained in good repair or replaced by the Employer.

27.2 The Employer shall maintain Workers' Compensation coverage for all employees. The Employer shall post the required notice of Workers' Compensation in a prominent and visible location to employees containing the name of the insurance company, its address and phone number.

27.3 In a situation when a work site's and/or the Employer's established emergency procedure requires the evacuation of the work site and an employee is directed to leave the building, the employee shall be paid for the duration of the evacuation or through the end of his/her scheduled shift, whichever is less. Employees must follow all emergency procedures and return to work as directed by their Supervisor.

27.4 The Association shall develop a sexual harassment training guide for all employees. The Union will be provided an opportunity to review and present suggestions on content prior to its dissemination.

Article 28
Military Service

28.1 An employee who is drafted for military service, or volunteers for service in any branch of the armed forces of the United States, shall, upon completion of such

services and if he has received an honorable discharge, be reinstated to his former position in accordance with the applicable laws regulating such matters. In the event that it becomes necessary to lay off another employee in order to reinstate such an employee returning from military service, such layoff shall follow the seniority principles and shall not constitute a grievance under this Agreement. The employee laid off shall be entitled to reasonable notice.

Article 29
Management Rights

29.1 The Union recognizes the right of Management to manage the business and direct the working force including, but not limited to, the right to determine the following:

1. Reasonable working rules
2. Working schedule
3. Work loads
4. Standards of quality of performance
5. Hiring methods
6. Assign and transfer employees
7. To lay off employees due to lack of work
8. To discipline or discharge employees for just cause
9. The promotion of employees

29.2 Employee(s) who complain that his/her workload is unduly burdensome may bring the complaint before a representative of the Contractor and the Union to discuss the complaint. If there is no resolution, the employee(s) may file a grievance but such grievance will not be subject to arbitration.

29.3 The foregoing specifically listed management rights, as well as those implicit in the traditional functions of management, are expressly reserved to be decided by the Employer and shall not be subject to the provisions of Article 41 – Grievance Procedure, unless the Employer acted arbitrarily and capriciously.

Article 30
Transfers

30.1 During the term of this Agreement, there will be no reduction in wages except under the following conditions:

1. When an employee is changed from a "Special Job" situation or a Foreman situation to a job without the significance attached to these classifications.

2. Any employee, whose status is changed as per Article 5 – Category Definition.

3. Any employee who is transferred from a building with a rate above the minimum rate established by this Agreement into a building covered by this Agreement.

30.2 Any employee permanently transferred from one job classification, wage category and/or benefits eligibility category to another shall be entitled only to the rate of pay and benefits applicable to the position and/or location to which he/she has been transferred. He/she shall further be entitled to work only the scheduled hours of the job to which he/she has been transferred.

30.3 Nothing in this Article or in any other Article of this Agreement shall limit the exclusive right of the Employer, as set forth in Article 29 – Management Rights, to transfer an employee, within a building or within the Company, as the Employer deems consistent with its business needs, provided that such transfer is not arbitrary and capricious.

30.4 The Employer shall maintain a transfer registry list of part-time employees employed outside of Metropolitan Boston who express a desire to be transferred to Category "B" part-time positions in Metropolitan Boston. Part-time employees shall sign the transfer registry list between December 1st and December 31st, 2016 for eligibility to be considered for transfer into part-time Category "B" positions in Metropolitan Boston during the term of the Agreement. The transfer of any part-time employee from the transfer eligibility list shall not conflict with the provisions of Article 51 – Additional Hours. Part-time employees transferred from Appendix "B" buildings as a result of the full-time conversion plan shall be offered available positions in Metropolitan Boston before any part-time employee on the transfer registry list is considered for transfer into Metropolitan Boston Category "B" positions. Employees employed in Metropolitan Boston who are subject to layoff and recall or transfer as a result of a reduction in services or client request, shall be offered available open positions within Metropolitan Boston before any employee on the transfer register is offered an open position in Metropolitan Boston. Employees on the transfer registry list will not be eligible to transfer into positions which are of temporary nature such as vacancies which are a result of FMLA, leaves of absences pursuant to Article 13 – Unpaid Leave of Absences, absences due to Workers' Compensation, vacation and sick replacement.

Article 31
Change of Contracts

31.1 It is understood that any Union Contractor is entitled to negotiate and undertake a contract with any potential customer who might have a Union Contractor or his own employees who are covered by a contract with the Union.

31.2 However, the contractor shall have the obligation to the Union members employed by the customer to provide employment in the same or any other building with no reduction of pay or other benefits. With respect to this obligation, the Employer must

exercise only reasonable demands upon a transferred Union member with respect to any geographic transfer or change of work scope.

31.3 When an Employer takes over or acquires a contract to perform services at a commercial office building covered under the terms of this Agreement, the Employer agrees to contact the Union in order to obtain a seniority list of the employees who are employed in the building. The Employer agrees to provide employment to the most senior incumbent employees in the building who are employed by the current contractor so long as the total number of employees does not exceed the average number of employees employed by the current contractor in the building during the period of ninety (90) days prior to the takeover. In the event that the Employer does not need all of the employees who were employed by the predecessor contractor to perform services in the building, the Employer will place the least senior employees in comparable jobs at other locations. Employees who are retained by the Employer shall be given credit for length of service with the predecessor Employer for seniority including vacation entitlement and shall complete a trial period with the new Employer pursuant to Article 43 – Trial Period.

31.4 In the event a contractor obtains a contract with a non-profit institution (such as colleges or hospitals), who already have a Collective Bargaining Agreement with Local 32BJ, it shall be the obligation of the Union Contractor to recognize the Agreement and maintain, in full force and effect, the benefits that are in force at the time of the awarding of the contract for all employees in the unit covered by Local 32BJ's Agreement, including, but not limited to, maintaining the personnel who are employed by the non-profit institution and covered by the Agreement at the time of the contractor's successful bid. The contract will not be under this Agreement and will be negotiated separately from this Agreement. In the event a successor contractor obtains the contract to perform service at such a non-profit institution (such as colleges or hospitals), the contractor will be required to observe the terms and conditions of the current contractor's site Agreement, maintain in full force and effect

the wages and benefits that are in effect at the time of the award of the contract and maintain the personnel who are employed by the current contractor at the time of the successor contractor's successful bid.

31.5 The Employer will notify the Union, as soon as practicable, once it receives notice that the work at a job location is being put out to bid.

31.6 The Employer shall notify the Union as soon as it receives written cancellation of a job location.

31.7 The Employer shall notify the Union as soon as it receives notice that it has been awarded a new job location.

Article 32
Other Agreements

32.1 No Agreement shall be made by the Union with other Employers in the industry which contains any terms more favorable to any Employer than the terms in this Agreement.

32.2 The Employers agree to cooperate in all ways possible with the Union in the effort to apply this Agreement to all companies in this industry. The Union agrees to continue its full effort to organize the entire Contract Building Service Industry within its jurisdiction. The Union agrees to inform the Employers prior to the signing of this Agreement by any new signatory. The Employer agrees to offer jobs to the incumbent employees at a job site which was the objective of a successful SEIU Local 32BJ organizing campaign. The Union should be able to demonstrate that such a location was the focus of such an organizing campaign.

32.3 The Employers agree not to subcontract any janitorial work to Employers who fail to observe the wages, benefits and other working conditions set forth in this Agreement. The Employer agrees not to sign agreements, other than the existing Agreement, with any other Union covering any portion or jurisdiction of this Agreement.

Article 33
No Lowering of Standards

33.1 There shall be no lowering of any standards of working conditions of any employees in the employ of the Employer as a result of this Agreement. All employees enjoying higher wages or better working conditions than provided for herein, shall continue to enjoy at least the same, except as provided in Article 30 – Transfers. Such transfers shall not be construed as lowering of standards.

Article 34
Strikes and Lockouts

34.1 During the term of this Agreement, there shall be no strikes, picketing, boycotts, walkouts or slowdowns by the employees or the Union and no lockout by the Employer. It is understood that the closing of a building by an owner, on a day not included in the list of paid holidays, does not constitute a lockout.

34.2 It is understood that, regardless of whether or not a grievance case is pending, the above will be in full force and effect at all times and that there will be no concerted cessation of work or effort.

34.3 No employee covered under this Agreement shall be required by the Employer to pass a lawful picket line established by any Local of the Service Employees International Union in an authorized strike. The President of Local 32BJ shall give the Employer forty-eight (48) hour notice before any such picket line is established.

Article 35
Separability of Clauses

35.1 If any provision of this Agreement shall be held or declared to be illegal or of no legal effect, said provision shall be deemed null and void without affecting the obligations of the balance of this Agreement.

Article 36
Other Trade Names

36.1 All contracts must be signed in all trade names of firms in the Contract Building Service Industry, as well as all corporate and partnership names in the Contract Building Service Industry. In order to protect and preserve, for the employees covered by this Agreement, all work heretofore performed by them and in order to prevent any device or subterfuge to avoid the protection and preservation of such work, the Employer agrees that, if and when, the Employer performs any work of the type covered by this Agreement, under its own name or under the name of another, as a corporation, company partnership or any other business entity, including a joint venture, wherein the Employer, through its officers, directors, partners, or stockholders, exercises either directly or indirectly management, control or majority ownership, the terms and conditions of this Agreement shall be applicable to all such work.

Article 37
Shop Visitation

37.1 The Union shall notify the Employer at least twenty-four (24) hours in advance of any visit to a job location, and at the same time shall notify the Employer which Union Representative(s) will be visiting such location; except that, in order to investigate a potential grievance at a job location where a Shop Steward is not at the job location to investigate the potential grievance during the shift on which it occurs, the Union may provide less than twenty-four (24) hour notice, but must provide as much notice as possible, and the Union's visit to the location in such circumstances shall be restricted to the investigation of such potential grievance. Provided the requisite advance notice is received, the identified Representatives of the Union will be allowed access to the site to confer with Union members who are employees of the Employer, subject to any applicable security/visitation procedures for vendors/contractors of the particular building or site.

37.2 Union Representatives who visit job locations agree to abide by applicable security/visitation procedures and will in no way interfere with a building's/site's operation or in any manner interrupt or impair the work of any employee.

37.3 When the applicable security/visitation procedures for the contractors of the particular building or site do not, because of the client's policies, allow for shop visitation by a Representative of the Union, the Employer will make a good faith effort to arrange for an accessible site for a membership meeting with the Representative of the Union and provide notification of the employees. The Union will limit such a request to two (2) times a year.

Article 38
Union Representatives

38.1 Within thirty (30) calendar days of the execution of this Agreement, the Union shall furnish to the Employer a complete list identifying the Union Representatives and Shop Stewards responsible for fulfilling the Union's statutory obligations and exercising its statutory rights at each of the Employer's job locations. The Union further agrees this list shall be updated as necessary to reflect changes in the Union's designated representatives and personnel.

38.2 The Employer shall not be required to recognize or deal with Union Representatives, including Shop Stewards, and/or elected officials whom the Union has not previously identified to the Employer in writing.

38.3 Union Representatives who are permitted to visit the Employer's job locations shall carry appropriate picture identification verifying their affiliation with the Union and may be denied access to job sites, even when the requisite notice has been provided, if they are unable to produce this identification upon request.

Article 39
Stewards

39.1 The Employer agrees to recognize Shop Stewards elected by the Union membership and extend them all rights and privileges accorded them under the law. The Employer shall not retaliate against any Shop Steward for exercising rights accorded them by contract or law. The number of Stewards shall not exceed one (1) per shift, per work site/job location, or one (1) per seventy-five (75) employees, per work site/job location, whichever is more.

39.2 Shop Stewards may investigate grievances during working time under the following conditions:

a. In the event a grievance is filed under the terms of this Agreement, the Shop Steward shall notify the Site Supervisor of the Shop Steward's intent to investigate the nature and facts of the grievance before the end of the shift. The permission of the Site Supervisor shall not be unreasonably withheld and the Shop Steward shall be afforded a period of time, not to exceed ten (10) minutes per grievance.

39.3 In buildings where there is no Union Steward, the Employer shall allow a Union Representative to visit a job location at the end of the scheduled shift to meet with workers and select a Steward. Such meeting shall be on work time during the last fifteen (15) minutes of the shift and will be allowed in a building no more than once every six (6) months.

Article 40
Audits

40.1 An Employer, after receiving written notice from the Union regarding a specific violation of the Agreement, is to be given thirty (30) days within which to correct this violation. After the thirty (30) day period, the Union may audit the books of the

Employer with respect to this specific violation. If the audit shows that the Employer has corrected any and all violations, then it shall not be regarded as "willful", and the audit shall be paid for by the Union. If, on the other hand, the audit shows that said Employer has not corrected all violations, then it shall be regarded as "willful", and he shall be made to pay the cost of the audit and also pay whatever items are applicable under the violation, plus six percent (6%) interest on the total amount of money involved.

Article 41
Grievance Procedure

41.1 For the purposes of this Agreement, a grievance is a difference or dispute between the Employer and the Union, an employee, or group of employees, concerning the interpretation, application or a claimed violation of a specific provision of this Agreement and the following shall be the exclusive method for the presentation and settlement of grievances.

41.2 A grievance may only be filed by the adversely affected employee(s) covered by this Agreement, except as provided by Paragraph 5 of this Article.

41.3 Prior to putting a grievance in writing, the parties will attempt to resolve grievances informally.

41.4 A Grievance shall be considered in accordance with the following grievance procedure. No grievance shall be considered which has not been presented at and in accordance with this Grievance Procedure.

Step 1 Within twenty-one (21) days after the employee knew or had reason to know of the incident giving rise to the grievance, the grievant must present the grievance in writing to the Employer. The Grievance shall state the contract provision(s) alleged to have been violated and the

specifics of the alleged violation. The Employer shall answer the Grievance, in writing, within ten (10) calendar days.

Step 2 If the Grievance is not resolved at Step 1, the Grievance must be presented in writing to the Employer within ten (10) calendar days after the Employer's response to the grievance at Step 1 or the date on which the response was due, whichever is earlier. The Employer may hold a meeting on the grievance within ten (10) calendar days after receiving it. The Employer shall answer the grievance, in writing, within ten (10) calendar days after a meeting was held or after receipt of the grievance if no meeting was held. Group or "class action" grievances may be presented at Step 2.

As an alternative to this Step 2 process described above, if the Employer and Union agree, any grievance other than a suspension or termination shall be heard at periodically scheduled meetings of the Union and the Employer to be held for such purpose, but in no event will such meeting be required to be held more often than once per month. If they are unable to resolve the issue, the Union shall notify the Employer in writing within ten (10) business days of the meeting that the Grievance will be moved to Step 3.

Step 3 If the grievance is not resolved at Step 2, the grievance must be presented to the Employer in writing within ten (10) calendar days after the Employer's response to the grievance or the date on which that response was due, whichever is earlier, to move the grievance to Step 3. The Employer shall hold a meeting on the grievance within ten (10) calendar days after receiving it. The Employer shall answer the grievance, in writing, within ten (10) calendar days after a meeting was held or after receipt of the grievance if no meeting was held. The Union

and the Employer may mutually agree to waive the time limits for holding a meeting or the holding of a meeting altogether at this Step.

Grievances concerning disciplinary suspensions and terminations may be initiated at this Step 3, but must be submitted in writing to the Employer within ten (10) days of the termination or suspension.

Step 4

a. If the grievance is not resolved at Step 3, it must be referred to arbitration by the Union within thirty (30) calendar days after receipt of the Employer's response or date on which that decision was due, whichever is earlier. The parties agree to utilize a panel of Arbitrators listed below, and any others mutually agreed upon, to decide all grievances submitted to arbitration. The initial panel shall be: Michael Stutz, Harvey Shrage, James Litton, Roberta Golick, and Lawrence Holden. The Arbitrators shall be used in order of a rotating list, beginning alphabetically by last name. When a demand is made for arbitration, the moving party shall request date(s) for arbitration from the next Arbitrator in the panel. If the Arbitrator is not able to schedule a hearing on date(s) when the parties are available, within a reasonable period of time from the date of the demand, the moving party shall request date(s) for arbitration from the next arbitrator on the list. The parties will make every effort to have arbitrations scheduled as soon as practicable. A demand for arbitration must be served in writing by the Union to the Employer within this period as a condition for processing the demand, and must specify the specific contract Article(s) and paragraph(s) allegedly violated. If the Union and the Employer mutually agree, the grievance may be referred to arbitration at the Labor Connection or AAA rather than the panel.

b. If the Employer or the Union raises an issue of procedural arbitrability, the Arbitrator, subsequent to his/her selection and at least two (2) weeks prior to any scheduled hearing, shall determine whether a separate hearing shall be scheduled for the Arbitrator to consider the issue of arbitrability only, unless otherwise mutually agreed in writing. The reason(s) why the grievance is allegedly not arbitrable will be stated in the Employer's Step 3 written answer. In the case of an Employer grievance, the Union's arbitrability challenge must be stated at the discussion between the Union and the Employer referenced in Paragraph 41.6. If an issue of arbitrability arises at Step 4 for the first time, the party raising the issue must notify the other party in writing within ten (10) calendar days of receipt of the demand for arbitration, and the Arbitrator shall determine whether or not to schedule a separate hearing as described above. Arbitrability issues raised in contravention of this procedure shall be deemed waived and under no circumstances may an arbitrability issue be raised for the first time at a hearing scheduled to decide a case on the merits.

Any hearing on arbitrability shall be conducted according to the American Arbitration Association's (AAA) rules on expedited arbitration. If the Arbitrator determines that the grievance is not arbitrable, the grievance shall be denied and it shall not be processed any further and no cancellation fees shall be incurred by either party. If the Arbitrator determines that the grievance is arbitrable, then a hearing shall be held for the Arbitrator to consider the merits of the grievance.

c. The Arbitrator shall have the authority only to settle disputes arising under this Agreement concerning the interpretation and application of specific contract Article(s) and paragraph(s) allegedly violated and involving the facts of the particular grievance presented to him or her. The Arbitrator cannot amend, alter or modify the Agreement. The Arbitrator shall have no power to engage in any form of interest arbitration unless mutually agreed in writing. Only one (1) grievance may be submitted to and decided during a particular arbitration, unless mutually agreed in writing. The Arbitrator must render his or her decision within thirty (30) calendar days after the conclusion of the hearing or the submission of briefs, whichever is later. The decision of the Arbitrator shall be final and binding upon the grievant, the Employer and the Union. The cost of the arbitration assessed by the AAA and the fees of the Arbitrator shall be borne by the party against whom judgment is found.

For purposes of this Paragraph 4: (1) Step 1 grievances shall be presented to the designated immediate Supervisor; (2) Step 2 grievances shall be presented to the appropriate Site Manager or designated Supervisor; and (3) Step 3 and Step 4 grievances shall be presented to the Labor Relations, Human Resources Department or the Principal Officer of the Employer, or his/her designee.

41.5 Should a dispute arise between the Employer and the Union that both parties mutually agree to expedite the arbitration process, said dispute may be referred directly to expedited arbitration with the next arbitrator in the arbitration panel, or if the Union and the Employer mutually agree to the Labor Relations Connection rather than the panel. Union referrals to expedited arbitration under this provision may only be made by the

President or his/her designee. Employer referrals to expedited arbitration under this Article may be made by the designated representative of the Employer to the Union.

41.6 Failure of an employee or the Union to meet any time deadline at any step of this Grievance Procedure shall constitute a waiver of the grievance and no further action may be taken on it. Time is of the essence, but any time limits in this Article 41 – Grievance Procedure can be mutually waived in writing. If the Employer misses a response deadline set forth in this Agreement, the Grievance shall automatically move to the next Step, provided that the Union has otherwise complied with this Article.

41.7 An Employer grievance concerning the interpretation or application of the Agreement initiated by the Employer shall be discussed with the Union and may thereafter be submitted to arbitration by the Employer within thirty (30) days after the Employer knew or should have known of the grievance. The demand for arbitration shall be in writing and a copy shall be sent to the Union. The Employer shall not be required to adhere to the procedure in this paragraph or Article in the event of a violation of Article 34 – Strikes and Lockouts. Similarly, the Union may initiate a grievance concerning the interpretation or application of the Agreement in circumstances where an employee or group of employees, as contemplated in Paragraph 1 of this Article, cannot raise it. Failure to comply with the time limits or other strictures contained herein does not constitute such circumstances and this paragraph may not be used to cure substantive or procedural defects in grievances that could otherwise have been properly filed by an individual employee or group of employees. A Union grievance may be submitted to arbitration using the same procedure detailed above for Employer grievances.

41.8 An issue of fact as to whether or not any employee has violated this Agreement by instigating or participating in any strike or interference with work as set forth in Article 34 – Strikes and Lockouts, Paragraph 1 above, shall be arbitrable provided that the only issue to be decided by the Arbitrator is whether or not the employee

participated in the proscribed activity. In the event the Arbitrator finds that the employee did in fact participate, the Arbitrator shall have no power or jurisdiction to question, overturn or otherwise consider the kind or severity of disciplinary action taken against the employee.

Article 42
Major Offenses

42.1 While both the Employer and the Union subscribe to the just cause standard for employee discipline, in recognition that certain conduct is inimical to a safe, healthy and productive work place, the parties have identified and proscribed such behavior under the heading of Major Offenses. An employee who is guilty of a Major Offense shall be subject to immediate discharge with no recourse to the Article 41 – Grievance Procedure except on the issue of whether or not the employee actually committed the Offense. If, subsequent to termination, it is determined that the employee did not commit the offense alleged, the parties (Employer and Union or the Arbitrator) shall direct appropriate remedial and compensatory action. This Article does not apply to probationary (Article 43 – Trial Period) employees who may be terminated at the Employer's discretion without recourse to the Grievance Procedure and it is not intended as a complete list of the offenses that may subject an employee to immediate discharge.

Major Offenses Are As Follows:

a. Theft, conversion or unauthorized use or possession of Employer property, the property of a fellow employee or Supervisor, a tenant, a customer or visitor at the job site or member of the general public.

b. Conviction or admission of any felony while employed by the Employer.

c. Conviction or admission of sex offenses as defined by and enumerated in Massachusetts General Laws or other applicable law.

d. Untruthful or deceptive reporting, verbal or written.

e. Falsification of any document(s) completed by the employee in the course of his/her duties with the Employer.

f. Use or possession of alcohol and/or illegal drugs while on duty or reporting for duty in possession or under the influence of alcohol and/or illegal drugs.

g. Use of drugs or medication affecting proper performance of duties. Prescribed drugs or medication are excluded if management has been advised by the employee that he or she is under treatment.

h. Serious acts of insubordination or physical violence (actual or threatened) toward other employees or Supervisors, tenants, customers, visitors at the job site, or members of the public.

i. Possession of weapons, explosives or contraband on Employer premises.

42.2 The Employer shall take action to discipline an employee under Paragraph 42.1 of this Article within ten (10) business days after the Employer's Labor Relations Department, Human Resources Department or the Principal Officer of the Employer, or his/her designee, learns of the major offense.

42.3 Written reprimands and notices of disciplinary action shall be removed from the employee's file after twenty-one (21) months and cannot be used thereafter as part of disciplinary procedure provided such employee has not received any additional disciplinary action for the same, or a similar, infraction during those twenty-one (21) months.

42.4 All employees shall have the right to request the presence of a Union Steward during any investigatory meeting that the employee reasonably believes might result in discipline.

Article 43
Trial Period

43.1 The Employer shall have sixty (60) calendar days from the commencement of an employee's employment and sixty (60) calendar days from the date of his/her promotion or permanent transfer, as the case may be, within which to assess the ability of an employee to perform his/her duties. This period shall be considered a trial period, and the provisions of this Agreement provided under Article 41 – Grievance Procedure shall not apply to the employee during this trial period.

43.2 The Employer may discipline or discharge newly hired employees who have not completed the trial period set forth above for any reason without recourse by the employee or the Union to Article 41 – Grievance Procedure.

43.3 The Employer may discipline or demote newly promoted employees who have not completed the trial period set forth in Paragraph 43.1 above for any reason without recourse by the employee or the Union to Article 41 – Grievance Procedure.

43.4 This Article will not apply to any employee who has one (1) or more years of continuous seniority as defined in Article 26 – Seniority of this Agreement.

Article 44
COPE Fund Check-Off

44.1 The Company agrees to honor and to transmit to the Service Employees International Union, Local 32BJ American Dream Fund contribution deductions from the wages from employees who are Union members and voluntarily authorize such deductions in writing in accordance with applicable law. The deductions shall be in the amounts and with the frequency specified on the deduction authorization cards. The Union will furnish to the Employer the necessary authorization forms. The Employer agrees to transmit amounts deducted on or before the twentieth (20th) day of each month the

amounts deducted the previous month. These deductions shall be simultaneous with dues remittances and will be considered payroll deductions for purposes of this Article.

Article 45
Immigration

45.1 Recognizing that questions involving an employee's immigration/work status or personal information may arise during the course of his/her employment, and that errors in an employee's documentation may be due to mistake or circumstances beyond an employee's control, the Employer agrees to the following procedure:

1. In the event an issue or inquiry arises involving the immigration status or employment eligibility of a non-probationary employee, the Employer shall promptly notify the employee in writing. The letter shall contain a concise statement of the issue and reference an employee's rights under this Article.

2. If permissible under applicable law and/or regulations, the affected bargaining unit member shall be afforded reasonable opportunity to remedy the identified problem or secure acceptable documentation demonstrating that the identified problem is in the process of review or correction before adverse action is taken. Any lawful changes in the employee's documentation or lawful correction in his/her social security number shall not be considered new employment unless there is a break in service. If the bargaining unit member does not remedy the issue or provide valid documentation, as referenced above within ninety (90) calendar days, the bargaining unit member may be discharged and the Employer shall have no further obligation to hold a bargaining unit member's position. An employee who does remedy the issue, provides valid documentation and is rehired by the Employer within nine (9) months of their discharge will not lose their seniority.

3. If the bargaining unit member obtains the valid documentation as referenced in sub-paragraph 2 above, when necessary, he/she will, consistent with the operational needs of the Employer, be permitted reasonable unpaid time off to attend relevant proceedings or visit pertinent agencies, for the purposes of correcting the identified problem, provided the Employer is given adequate notice of planned absences and verification of the appointments, hearings or other proceedings for which the time off is requested.

45.2 Upon request, the Employer agrees to meet with the Union and discuss the employee's issue/problem. When practicable, and permissible under applicable law and/or regulations, this meeting will take place before the Employer initiates any adverse employment action.

45.3 SSA No-Match or Other No-Matches: Except as required by law, neither a Social Security Administration "no match" letter nor a phone or computer verification of a no-match, shall not in and of itself constitute a basis for taking any adverse employment action against an employee, or for requiring an employee to correct the no-match or for re-verifying the employee's work authorization. Upon receipt of a no-match letter, the Employer shall notify the employee and provide the employee and Union with a copy of the letter. This provision does not relieve the employee of his or her legal obligation, if any, to correct information.

Article 46
Scope of Contract

46.1 This Agreement constitutes the entire Agreement between Employer and the Union arrived at as the result of collective bargaining negotiations. Except as provided in Article 33 – No Lowering of Standards, all prior or contemporaneous verbal or written agreements, understandings, or past practices, whether known or unknown, asserted or unasserted, between the Employer and the Union or the employees shall terminate upon execution of this Agreement.

46.2 The parties acknowledge that during the negotiations that resulted in this Agreement, each has had the unlimited right and opportunity to make demands with respect to any subject or matter not removed by law from the area of collective bargaining and that the understandings and agreements arrived at by the parties after the exercise of that right and opportunity are set forth in this Agreement. Therefore, for the life of this Agreement, the Employer and the Union voluntarily and unqualifiedly waive the right and each agrees that the other shall not be obligated to bargain collectively with respect to any subject or matter not specifically referred to or covered in this Agreement, even though such subjects or matters may not have been in the knowledge or contemplation of either or both parties at the time this Agreement was signed.

46.3 No amendment or modifications of this Agreement shall be valid unless it is agreed to by the principal officer of the Employer or his or her designee and the Union and reduced to writing.

46.4 The Employer shall not be deemed to have agreed to any term or condition of employment not specifically set forth in this Agreement.

Article 47
Family Medical Leave Act

47.1 Under the Family and Medical Leave Act of 1993 (FMLA) eligible employees may receive up to twelve (12) weeks of unpaid leave during a twelve (12) month period for:

a. The birth of a child.

b. The placement of a child with an employee for adoption or foster care.

c. Caring for a spouse, son, daughter or parent with a serious health condition.

d. An employee's own serious health condition.

47.2 In order to be eligible for leave under FMLA an employee must:

a. Have been employed for at least twelve (12) months before applying for the FMLA leave.

b. Have worked at least 1,250 hours during the twelve (12) months prior to requesting the leave.

c. Provide medical certification issued by a health care provider of the employee or the employee's covered ill family member on Form WH-380 (available from the Employer).

Failure to submit the requested medical certification may delay the leave or preclude it from qualifying as FMLA leave.

47.3 If the FMLA leave is foreseeable then an employee is required to give the Employer no less than thirty (30) calendar days' prior notice. After notice is given, the Employer will request the medical certification described above and provide the employee with the necessary paperwork. Employees requesting leave are required to furnish the Employer with the requested medical certification within fifteen (15) calendar days. No employee should depart on a foreseeable FMLA leave without having submitted the required medical certification.

47.4 In the case of an emergency or other circumstance that results in an unexpected need for FMLA leave, an employee should notify the Employer as soon as practicable. Under no circumstances should an employee wait longer than two (2) working days to give notice. If an employee is incapacitated, this notice may be given by a family member or other responsible party. As with foreseeable FMLA leave, the Employer will request medical certification and the employee is required to provide it within fifteen (15) calendar days.

47.5 If this procedure is followed and an employee's leave is granted, the employee may be required to update the Employer regarding his/her condition and/or be asked to submit medical re-certifications to the extent permissible under applicable law. Additionally, employees returning from FMLA leave may be asked to provide a "fitness-for-duty" report before returning to work.

Article 48
Work Schedules, Changes in Assignments and Work Loads

48.1 In the event that the Employer plans to make a major change in the work schedule, change in the assignments or work load of employees who work in a commercial office building which results in a substantial reduction in the number of hours worked in the building or a reduction in the number of positions in the building, the Employer agrees to give written notice to the Union and meet with the Union to review and discuss the reasons for the changes in advance of implementing such changes. In the event that the Employer and the Union cannot meet within a reasonable time and in advance of the changes, the meeting shall be scheduled as soon as practicable. The Employer will consider in good faith any suggestions the Union has on other ways to achieve the objective of the planned changes.

48.2 Major changes in work schedules, assignments and workload shall include changes in the cleaning specifications of commercial office buildings that are 100,000 square feet or larger or in two (2) adjacent buildings which together are 100,000 square feet or larger and changes in the methods of operations which results in a reduction in force or hours of work. Major changes shall not include reductions due to vacancies if the reduction is proportional to the reduction in the space to be cleaned, minor productivity adjustments, transfers, individual reassignments and changes in buildings that are less than 100,000 square feet.

48.3 The Employer will explain the changes to the employees in a meeting prior to the implementation at which a Union Representative may be present if the Union so desires.

48.4 Any reduction in the total hours worked in a building will be reduced by the layoff or transfer of the least senior affected employees except for reasons beyond the control of the Employer such as a reduction in the total number of hours which is less than a full or part-time employee or conditions prescribed by the building owner/agent. A laid off or transferred employee shall be offered the opportunity to return if the number of hours cut is restored pursuant to the Seniority provisions of this Agreement.

48.5 The provisions of this Article shall in no way diminish, mitigate, or otherwise affect those rights as enumerated in Article 29 – Management Rights.

Article 49
Security Screening

49.1 In acknowledgement of the heightened security concerns common to the commercial real estate industry, the Employer and the Union agree to cooperate in complying with any and all security measures implemented by the Employer's customers.

49.2 All employees shall be subject to security background checks at any time based on a customer requirement. An employee shall cooperate with an Employer as necessary for obtaining security background checks. Any employee who refuses to cooperate shall be subject to termination. Employees who fail such security background check shall be subject to termination.

49.3 To this end, the Union agrees that current employees shall, as a condition of continued employment, execute a release authorizing the Employer or an authorized agent of the Employer to conduct an investigation into the following:

a. Credit history, criminal history, verification of previous residence(s), employment verification(s), school references(s) and any lawful inquiries into immigration status.

The aforementioned sample release is annexed to this Agreement as Appendix "C".

49.4 The Employer shall notify the Union of any and all customer requirements for such security background checks and shall apply such requirements equally to all its employees working in the customer's building(s).

49.5 If the results of information gathered during such a security background check are such that they would cause the Employer to remove a bargaining unit member from or not allow them access to a customer's building(s) that member shall be informed of the results of the background check and given the opportunity to challenge the accuracy of that information.

49.6 The Employer will treat any and all information collected as a result of security screening or background checks as private information and utilize a secure storage procedure with access limited to the appropriate Human Resources personnel. The Employer further warrants that this information if retained will be kept in a manner to insure its privacy.

49.7 For the purpose of this provision, just cause to terminate an employee who has failed a security background check exists only if it is established that one or more of the findings of the background security check is directly related to his/her job functions or responsibilities, or that the continuation of employment would involve an unreasonable risk to property or to the safety or welfare of specific individuals or the general public or constitute a violation of any applicable governmental rule or regulation. If the customer determines that the employee has failed a security background check, but the Employer lacks cause for termination under this provision, then the Employer shall transfer the employee to another location at the same rate of pay and comparable hours.

Article 50
Full-Time Jobs

50.1 Commencing on October 1, 2012, an orderly process for the creation and staffing of full-time positions at all commercial office building locations that are more than 450,000 square feet or larger, listed in Appendix "B" (the "Process") will be continued. In addition, the Employer and the Union agree upon a certain guaranteed milestones in the establishment and creation of additional full-time positions.

50.2 For purposes of this Article, the following definitions shall apply:

a. "Location" means a single street address.

b. "Full-Time Job" means a job with a regularly scheduled workweek of more than twenty-nine (29) hours up to and including forty (40) hours on five (5) consecutive days.

50.3 A joint committee made up of Association members who are retained by Appendix "B" buildings and the Union shall be established and meet within three (3) months of October 1, 2016 in order to ensure the 680 full-time positons were created

"Tenant/Extra Work" is work that the Employer directly contracts with a tenant in the building location. Such Tenant/Extra Work is not included in the specification of the base building work as outlined in the tenant's lease.

50.4 The Association members who are retained by commercial office buildings as listed in the attached and revised Appendix "B" shall convert a total of 680 full-time positions as a minimum guaranteed requirement for the duration of the Collective Bargaining Agreement from October 1, 2016 through December 31, 2020. These full-time positions that will be converted during the term of the Agreement through attrition of part-time employees, transfers of part-time employees within a fifteen (15) mile radius of Boston City Hall and move-in of newly occupied space. These

positions will create a minimum guaranteed requirement of 680 full-time positions during the term of the Agreement. Existing full-time positions in commercial office buildings and those in State, County or municipal buildings shall not be counted in this total of newly created minimum guaranteed positions. Additional full-time positions above the minimum guaranteed number of 680 positions may also be created pursuant to the conversion process outlined in Article 50 – Full-Time Jobs through attrition of part-time positions and move-in of newly occupied space.

50.5 <u>The implementation schedule shall proceed according to the following schedule:</u>

i). Buildings over 1,000,000 square feet shall be converted at the rate of five (5) new full-time positions each year annually and completed by December 31st of each year for a total of twenty (20) new full-time positions in each building by the end of 2016.

ii). Buildings over 700,000 to 999,999 square feet shall be converted at a rate of four (4) new full-time positions each year annually and completed by December 31st of each year for a total of sixteen (16) new full-time positions in each building by the end of the term of 2016.

iii). Buildings over 530,000 to 699,999 square feet shall be converted at a rate of three (3) new full-time positions each year annually and completed by December 31st of each year for a total of twelve (12) new full-time positions in each building by the end of 2016.

iv). Buildings over 450,000 to 529,000 square feet shall be converted at a rate of two (2) new full-time positions each year annually and completed by December 31st of each year for a total of eight new full-time positions in each building by the end of 2016.

v). In the event that a building completes the required minimum conversion of full-time positions in any given calendar year and there are additional full-time

conversions within the same calendar year, such additional converted full-time positions shall be credited towards the minimum requirements to reach 680 positions by the end of 2016.

vi). In the event that this schedule is not implemented, the issue will be submitted before the Arbitration panel. The Arbitrator's authority shall be limited to the implementation of the schedule and the sole remedy, if necessary, shall be implementation of the schedule.

50.6 All new commercial office buildings completed after October 1, 2012, in excess of 450,000 square foot buildings in the Central Business District of Boston and in Cambridge shall be staffed with full-time employees in compliance with the building owner's requirements. All new commercial office buildings completed after October 1, 2016 in excess of 400,000 square feet in the Central Business District of Boston and all new commercial office buildings in Cambridge in excess of 300,000 square feet shall be staffed with full-time employees in compliance with the building owner's requirements

50.7 All current full-time employees in the Central Business District employed as of September 30, 2012 who are receiving the Employer paid composite family health coverage plan from the Boston Building Services Health Fund shall continue to receive such coverage through December 31, 2016. All employees who are converted to full-time positions as of October 1, 2012 through December 31, 2016 shall be entitled to the employer paid single coverage from the Boston Building Services Health Fund consistent with Article 15 – Group Insurance Benefits. Commencing on January 1, 2017, the employees shall receive benefits consistent with Article 15 – Group Insurance Benefits from the 32BJ Health Fund.

50.8 Beginning January 1, 2017, all buildings in Appendix "B1" (original 47 buildings) shall convert one-half (1/2) of the remaining part-time positions (Remainder Part Time Positions) in the building to full-time positions by December 31, 2017. Beginning

January 1, 2018, all buildings in Appendix "B" (original 47 buildings) shall convert all of the Remainder Part-Time Positions in the building to full-time positions by December 31, 2018. In the event that a building completes the required minimum conversion of full-time positions in any given calendar year and there are additional full-time conversions within the same calendar year, such additional converted full-time positions shall be credited towards the second remainder half requirements

50.9 Effective January 1, 2017, all commercial office buildings in Appendix "B2" in the CBD of Boston and Cambridge shall follow the following implementation Schedule until fully converted:

i). Buildings over 1,000,000 square feet shall be converted at the rate of five (5) new full-time positions each year annually and completed by December 31st of each year for a total of twenty (20) new full-time positions in each building by the end of 2020.

ii). Buildings between 700,000 to 999,999 square feet shall be converted at a rate of four (4) new full-time positions each year annually and completed by December 31st of each year for a total of sixteen (16) new full-time positions in each building by the end of 2020.

iii). Buildings between 530,000 to 699,999 square feet shall be converted at a rate of three (3) new full-time positions each year annually and completed by December 31st of each year for a total of twelve (12) new full-time positions in each building by the end of 2020.

iv). Buildings between 400,000 to 529,000 square feet shall be converted at a rate of two (2) new full-time positions each year annually and completed by December 31st of each year for a total of eight (8) new full-time positions in each building by the end of 2020.

v). Buildings between 300,000 to 399,000 of commercially cleanable square feet in Cambridge only shall be converted at a rate of one (1) new full-time position each year annually and completed by December 31st of each year for a total of four (4) new full-time positions in each building by the end of 2020. The conversion process shall begin once eighty-five (85%) percent of the commercially cleanable square footage is cleaned by a signatory contractor.

vi). In the event that this schedule is not implemented, the issue will be submitted before the arbitration panel. The Arbitrator's authority shall be limited to the implementation of the schedule and the sole remedy, if necessary, shall be implementation of the schedule.

Employers may retain one (1) part time position in each fully converted building.

50.10 In addition to the above, the process previously established in 2007 will be continued as follows:

a. To all commercial office building locations in the 2007 Appendix "B" that are 450,000 square feet or larger

b. To all State Government Facilities

c. To all Malls in the Central Business District

50.11 Within sixty (60) days following the effective date of this Agreement for the specific building location, all employees of that building location who desire a full-time job may sign the "Full-Time Register" for that building location. The building location's "Full-Time Register" shall be opened for additional applicant signatures from employees at that location for a sixty (60) day period on each anniversary date of initial open period during the term of this Agreement. The employees who sign the Full-Time Register within this period shall be offered the additional hours based on

descending seniority order provided they possess the necessary skills, ability and qualifications to perform the duties of the position.

50.12 On and after the effective date, when additional work hours become available at a specific location because of voluntary quits, increases in total scheduled staffing hours, or terminations from the building's staff, registered employees will be offered increases in hours as determined by the Employer to create full-time jobs to the extent feasible within the buildings current schedule of work by the Employer and in compliance with the buildings security codes, energy compliance and other customer requirements placed on the Employer. Full-time jobs will be structured by the Employer within the particular building's regular hours of work for janitorial services, as well as in compliance with the building's security codes, energy compliance and other customer requirements placed on the Employer

50.13 If there are no employees in the building's "Full-Time Register" who are willing to accept an offered full-time job, the Employer shall offer the position to an employee based on seniority who has signed the Company-Wide Register in the central office or if no qualified employee on the Register desires the position, then the Employer may fill the position with someone hired from the outside.

50.14 The employer will make best efforts to not lay off or terminate any employees as a result of the operation of this Article. The Employer shall notify the union of any employees offered a transfer pursuant to these provisions.

50.15 The Employer shall notify the Union of the list of people who have accepted the full-time positions and how this will affect the remaining employees.

50.16 The Central Business District shall encompass the following areas: Financial District, Downtown Crossing, West End, Back Bay, South End, Seaport, Government Center, and North End.

Article 51
Additional Hours

51.1 In the event that part-time Category "B" and "C" employees in a building 100,000 square feet or larger, but not including buildings scheduled for full-time conversion on Schedule "B", resign or are terminated, the hours of such employees shall be divided up among the remaining employees, in order of seniority, until the part-time employees who wish to work additional hours receive five (5) hours per night or twenty-five (25) hours per week. This Section is contingent upon building security policies being adhered to as well as energy compliance and customer requirements.

51.2 Effective January 1, 2019, in all commercial office buildings 100,000 square feet or larger, not including buildings scheduled for full-time conversion on Schedule "B", there will be a four (4) hour minimum per shift. The Employer may retain one (1) employee at a schedule less than four hours in each building. Prior to January 1, 2019, the Employer shall make good faith efforts to implement a four hour minimum shift by attrition (resignation or termination) subject to occupancy levels.

Article 52
Reduction of Hours

52.1 When there is a reduction in the number of hours in the building, the Employer shall reduce the number of positions by transferring or laying-off employees provided that the hours that are reduced are equal or greater than the average number of hours per shift.

Article 53
Duration of Agreement

53.1 This Agreement shall become effective October 1, 2016 and shall continue in effect until September 30, 2020, and thereafter from year to year unless changed or terminated, in writing, given by either party to the other not less than sixty (60) days

prior to the end of this Agreement or any subsequent year of the existence of the Agreement.

In Witness Whereof, we have hereunto severally set our hands and seals this _____ day of _____, 2016.

Service Employees International Union, L(b) (6) [redacted]

B[redacted]

Title: Vice President

Date: 10/26/2016

Maintenance Contractors of New England (MCNE)

(b) (6) [redacted]

Title: President/Chair
Maintenance Contractors of New England

Date: 10/21/16

Appendix "A"

Wages

Duration: October 1, 2016 through September 30, 2020.

1. Metropolitan Boston

	Wage Increase	Category "A", "B" & "C"	Category "D"	Five (5) Year Employees
10/01/16		$17.85	$16.45	$18.00
01/01/17	$0.45	$18.30	$16.90	$18.45
01/01/18	$0.55	$18.85	$17.45	$19.00
01/01/19	$0.55	$19.40	$18.00	$19.55
01/01/20	$0.60	$20.00	$18.60	20.15

2. Suburban Area*

	Wage Increase	Category "A"	Category "B" & "C"	Category "D"	Five (5) Year Employees
10/01/16		$14.19	$13.94	$13.69	$14.09
01/01/17	$0.40	$14.59	$14.34	$14.09	$14.49
01/01/18	$0.40	$14.99	$14.74	$14.49	$14.89
01/01/19	$0.45	$15.44	$15.19	$14.94	$15.34
01/01/20	$0.50	$15.94	$15.69	$14.44	$15.84

*Suburban Area – An area to include those locations within a twenty-five (25) mile radius of Boston City Hall, excluding areas within a fifteen (15) mile radius of Boston City Hall, unless otherwise provided.

3. Malls, Outside of the Cities of Boston and Cambridge

	Wage Increase	Category "A", B", "C" & "D"
10/01/16		$12.45
01/01/17	$0.35	$12.80
01/01/18	$0.35	$13.15
01/01/19	$0.40	$13.55
01/01/20	$0.45	$14.00

4. Retail, Outside the Cities of Boston and Cambridge

	Wage Increase	Cleaner
10/01/16		$11.45
01/01/17	$0.35	$11.80
01/01/18	$0.35	$12.15
01/01/19	$0.35	$12.50
01/01/20	$0.40	$12.90

5. New Bedford

	Wage Increase	Cleaner
10/01/16		$11.76
01/01/17	$0.30	$12.06
01/01/18	$0.35	$12.41
01/01/19	$0.35	$12.76
01/01/20	$0.40	$13.16

6. Springfield

	Wage Increase	Full-Time Cleaner	Part-Time Cleaner
10/01/16		$12.89	$12.08
01/01/17	$0.35	$13.24	$12.43
01/01/18	$0.35	$13.59	$12.78
01/01/19	$0.40	$13.99	$13.18
01/01/20	$0.45	$14.44	$13.63

7. Westborough

	Wage Increase	Cleaner
10/01/16		$11.90
01/01/17	$0.30	$12.20
01/01/18	$0.35	$12.55
01/01/19	$0.35	$12.90
01/01/20	$0.40	$13.30

8. Worcester

	Wage Increase	Cleaner
10/01/16		$11.60
01/01/17	$0.35	$11.95
01/01/18	$0.35	$12.30
01/01/19	$0.40	$12.70
01/01/20	$0.45	$13.15

9. City of Providence, Rhode Island

	Wage Increase	Category "A"	Category "B" & "C"
10/01/16		$13.15	$12.65
01/01/17	$0.35	$13.50	$13.00
01/01/18	$0.35	$13.85	$13.35
01/01/19	$0.40	$14.25	$13.75
01/01/20	$0.45	$14.70	$14.20

10. Rhode Island Suburbs, Outside of the City of Providence

a. For Buildings 50,000 square feet in size and larger

	Wage Increase	Cleaner
10/01/16		$10.70
01/01/17	$0.30	$11.00
01/01/18	$0.30	$11.30
01/01/19	$0.30	$11.60
01/01/20	$0.35	$11.95

b. For buildings that are less than 50,000 square feet in size and for route work, wage schedules will be mutually determined as the need arises pursuant to Article 7 – Wages, Paragraph 7.4 of the Master Agreement.

b. For route work defined as bank branches, payment centers, retail outlets, facilities that are 10,000 square feet or less, wage schedules will be mutually determined as the need arises pursuant to Article 7 – Wages, Paragraph 7.4 of the Master Agreement.

11. Small Buildings

a. For buildings that are 75,000 square feet or less in size and are currently not represented by the Union and are within a five (5) to fifteen (15) mile radius of Boston City Hall, the Employer may pay the rate established for the Suburban Area.

b. For buildings that are 1000,000 square feet or less in size and that are currently not represented by the Union and are within a fifteen (15) to twenty-five (25) mile radius of Boston City Hall, the Employer may pay as follows::

	Wage Increase	**Cleaner**
10/01/16		$12.10
01/01/17	$0.30	$12.40
01/01/18	$0.35	$12.75
01/01/19	$0.35	$13.10
01/01/20	$0.35	$13.45

12. Route Work

a. Defined as bank branches, payment centers, retail outlets, facilities that are 10,000 square feet or less. The Employer shall pay per the following schedule.

	Wage Increase	**Cleaner**
10/01/16		$11.65
01/01/17	$0.30	$11.95
01/01/18	$0.30	$12.25
01/01/19	$0.35	$12.60
01/01/20	$0.40	$13.00

13. Residential

a. In the Central Business District of Boston, Longwood Medical Area, the Fenway and the City of Cambridge, the Metropolitan Boston rates will apply. In all other areas, the Suburban Area rates will apply in buildings with less than 400 units. In other areas within fifteen (15) miles of Boston City Hall with buildings of 400 units or more there is a sixty ($0.60) cents premium added to the Suburban Area rates. The rates shall follow the increases in Appendix "A". In the event the Union achieves a sixty-five (65%) percent density of the market, the Employers agree to a re-opener on wages.

14. Public School Districts and Municipal Buildings Outside the City of Boston and Cambridge:

	Wage Increase	Cleaner
10/01/16		$11.75
01/01/17	$0.30	$12.05
01/01/18	$0.30	$12.35
01/01/19	$0.35	$12.70
01/01/20	$0.40	$13.10

Appendix "B"

Buildings Subject to the Full-Time Jobs Conversion in Article 50

Appendix "B" — Buildings Over 450,000 for FT Conversion	
Over 1,000,000 SF	5 FT positions converted per year
700,000 - 999,999 SF	4 FT positions converted per year
530,000 - 699,999 SF	3 FT positions converted per year
400,000 - 529,999 SF	2 FT positions converted per year
300,000 – 399,000 SF (Cambridge Only)	1 FT position converted per year
2017: B1 List	Convert half of remaining PT
2018: B1 List	Convert remaining PT

Appendix "B1"

Location	Square Footage
John Hancock Tower	1,589,533
125 High Street	1,425,000
100 Federal Street	1,355,612
Prudential Tower	1,178,310
53 State Street	1,110,975
One Federal Street	1,105,064
One Beacon Street	1,100,000
One Financial Center	1,097,078
One International Place	1,025,000
100 Summer Street	1,020,062
One Lincoln Street	1,000,000
111 Huntington	931,000
225 Franklin	916,637
245 Summer Street	860,249
Copley Place	845,000

Location	Square Footage
60 State Street	823,000
101-75 Federal Street	811,000
100 Cambridge Street	796,000
One Boston Place	769,000
75 State Street	767,296
One Post Office Square	767,096
200 Berkeley	756,000
Technology Square, Cambridge	753,000
State Street Bank, Quincy	751,578
Two International Place	750,000
99 High Street	731,000
185 Franklin	730,000
Landmark Center	635,000
500 Boylston Street	610,000
Center Plaza	610,000
33 Arch Street	609,000
Lafayette Corp. Center	609,000
World Trade Center	590,000
28 State Street	580,000
World Trade Center West	566,213
280 Congress	553,837
10 Saint James Avenue	553,244
501 Boylston Street	530,000
275 Grove Street, Auburndale	524,887
601 Congress Street	520,000
222 Berkeley	520,000
150 Federal Street	518,000
101 Huntington Avenue	509,000
World Trade Center East	492,000

Location	Square Footage
451 D Street, East Boston	475,000
555 Technology Square, Cambridge	475,000
125 Summer Street	460,000

Appendix "B2"

Location	Square Footage
181 Massachusetts Avenue, Cambridge	550,000
50-60 Binney Street, Cambridge	541,000
250 Massachusetts Avenue, Cambridge	430,000
1 Main Street, Cambridge	305,000
101 Seaport, Boston	439,000
197 Clarendon Street, Boston	428,000
301 Binney Street, Cambridge	417,000
100 Binney Street, Cambridge	417,000
260 Franklin Street, Boston	414,000
265 Franklin Street, Boston	410,000
75-125 Binney Street, Cambridge	388,000
215 First Street, Cambridge	367,000
1 Memorial Drive, Cambridge	353,000
500 Kendall Square, Cambridge	349,000
101 Main Street, Cambridge	341,000
1 Broadway, Cambridge	335,000
225 Binney Street, Cambridge	305,000
675 W. Kendall Street, Cambridge	303,000
650 E. Kendall Street, Cambridge	300,000

Appendix "C"

Sample Release Authorization and Fair Credit Reporting Act Disclosure

(For Employment Purposes)

The applicant for employment acknowledges that this company may now, or at any time while employed, verify information within the application, resume or contract for employment. In the event that information from the report is utilized in whole or in part in making an *adverse decision*, before making the adverse decision, we will provide to you a copy of the consumer report and a description in writing of your rights under the Fair Credit Reporting Act,15 U.S.C. § 1681 *et seq*.

Please be advised that we may also obtain an *investigative consumer report* including information as to your character, general reputation, personal characteristics, and mode of living. This information may be obtained by contacting your present and previous employers or references supplied by you. Please be advised that you have the right to request, in writing, within a reasonable time, that we make a complete and accurate disclosure of the nature and scope of the information requested.

Additional information concerning the Fair Credit Reporting Act, 15 U.S.C. § 1681 et seq., is available at the Federal Trade Commission's web site (http://www.ftc.gov).

By signing below, I hereby authorize all entities having information about me, including present and former employers, personal references, criminal justice agencies, departments of motor vehicles, schools, licensing agencies, and credit reporting agencies, to release such information to the company or any of its affiliates or carriers. I acknowledge and agree that this Release and Authorization shall remain valid and in effect during the term of my contract.

For Maine and New York Applicants Only
Upon request, you will be informed whether or not a consumer report was requested, and if such a report was requested, the name and address of the consumer reporting agency furnishing the report.

Maine residents will be provided a copy of your rights under the Maine Fair Credit Reporting Act.

For Washington Applicants Only
The consumer reporting agency which furnished the report is _____;
Name of Vendor

for consumer compliance officer contact _____
Vendor's Phone Number

For California, Minnesota, and Oklahoma Applicants Only
A consumer credit report wilt be obtained through _____;
Name of Vendor

If a *consumer credit report* is obtained, I understand that I am entitled to receive a copy. I have indicated below whether I would like a copy.

Yes_____ No_____
Initials Initials

If an *investigative consumer report* and/or consumer report is processed, I understand that I am entitled to receive a copy. I have indicated below whether I would like a copy.

Yes_____ No_____
Initials Initials

***California applicants:** If you chose to receive a copy of the consumer report, it will be sent within three (3) days of the employer receiving a copy of the consumer report and you will receive a copy of the investigative consumer report within seven (7) days of the employer's receipt of the report (unless you elected not to get a copy of the report).

Date:_____Signature of Applicant:_____

Print Full Name:_____

(Continued on Page 2)

Information for Processing of Background Screen Reports Only
(To be used for no other purposes)

Full Name:_____

Date of Birth:____/_____/_____* Social Security #: _____-_____-_____

Driver's License Number:_____State of Issue:_____

Current Residence Address:_____
(Number and Street)

_____
State Zip Code

List of all Residence Addresses in Past Seven Years (attach additional sheets if necessary)

_____

_____

_____

_____

_____

_____

_____

Please supply the following education information:

What was your name at the time of degree receipt?_____

Appendix "D"

Recognition Procedure for the State of New Hampshire

The Maintenance Contractors of New England, Inc. (MCNE) hereby agrees to grant the Union voluntary recognition for its janitorial operations in certain areas of New Hampshire referred to as zones and listed below based on a showing of majority support once the Union can demonstrate within the zone that 60% of the commercial contracted cleaning market for buildings over 50,000 square feet are serviced by signatories to the Agreement with the Union and the Maintenance Contractors of New England or by contractors who have agreed to a card check recognition based on a showing of majority support.

Once the Union has reached agreement concerning voluntary recognition with cleaning contractors who service 60% of the commercial contracted cleaning market over 50,000 square feet, the Employer will grant voluntary recognition to the Union for its locations after the Union presents a majority showing of interest through a card check demonstrating that 50% plus one of the employees have signed authorization cards. At all times the Employer shall remain neutral and the Union shall refrain from negative references to the Employer. The Employer shall notify the appropriate Supervisors of the purpose and spirit of this Article.

When the Union demonstrates that it has agreement concerning voluntary recognition from cleaning contractors which represent 60% of the contracted janitorial market herein defined the Employer agrees to remain neutral on the issue of unionization during the recognition process and to give Union Representative access to its employees either at the site or through a listing of employees which contain home addresses whichever is more practicable. Both parties shall cooperate in determining the appropriate access but in no case shall the Employer deny access to the Union. Upon notice to the Employer from the Union that it intends to organize a unit under this provision the Employer agrees to provide the Union within ten (10) calendar days all work locations covered by this Agreement in those jurisdictions along with the names of the employees, their work location and hours of work.

Upon a showing of authorization cards signed by 50% plus one of the employees of that unit, the Employer agrees to recognize SEIU Local 32BJ as the lawful representative of these employees.

Upon showing of the Union that it has achieved recognition for 60% of the designated contracted janitorial market the MCNE agrees to meet and negotiate a Collective Bargaining Agreement for these employees working in that zone only.

The Employer agrees to the following zones for the purpose of recognition under this Agreement:

- Zone 1: Office Buildings over 50,000 square feet in Portsmouth
- Zone 2: Office Buildings over 50,000 square feet in Manchester
- Zone 3: Office Buildings over 50,000 square feet in Nashua
- Zone 4: Office Buildings over 50,000 square feet in Merrimack

The Employer further agrees to grant recognition under these same terms for work performed on college campuses on a campus by campus basis.

The parties to this Agreement also agree to meet and negotiate neutrality card check procedures consistent with the principles of this Agreement for all other New Hampshire client sectors and markets upon request of either party.

MAINTENANCE CONTRACTORS OF NEW ENGLAND

Side Letter

Maintenance Trades

October 1, 2016

Ms. Roxana Rivera
Vice-President
Local 32BJ, SEIU
26 West Street
Boston, Massachusetts

Regarding: ***Maintenance Trades***

Dear Ms. Rivera:

I am writing to confirm our discussions during negotiations for a new Collective Bargaining Agreement to replace the Master Agreement that expires on September 30, 2016. Local 32BJ SEIU ("Union") has agreed to remove the classification of maintenance tradesmen from Article 3 – Recognition of the Collective Bargaining Agreement. In consideration, the members of the Maintenance Contractors of New England, Inc. ("Association"), have agreed to a voluntary recognition procedure which will apply to maintenance trades personnel who are not represented by another labor organization.

The members of the Association agree to grant voluntary recognition to the Union subject to a third party card check and mutual agreement upon the appropriate unit for employees who perform a maintenance trades function.

The members of the Association will not oppose the Union's effort to organize the Employers' non-union maintenance trades employees.

The members of the Association will provide access to the job locations of the Employers' maintenance trades employees and information concerning employees' home addresses, work shifts and dates of hire if access to the location is not practicable.

In the event that the Union attains a majority status in an appropriate unit, as evidenced through a card check, the Employer agrees to meet and negotiate a Collective Bargaining Agreement.

I trust that this accurately reflects our understanding in the negotiations concerning this issue.

Very Truly Yours,

(b) (6)

[redacted]

President/Chair
Maintenance Contractors of New England

MAINTENANCE CONTRACTORS OF NEW ENGLAND

Side Letter

Composite Health Insurance Rate

October 1, 2016

Ms. Roxana Rivera
Vice-President
Local 32BJ, SEIU
26 West Street
Boston, Massachusetts

Regarding: ***Composite Health Insurance Rate and Full-Time Work***

Dear Ms. Rivera:

During the negotiations for a successor Master Agreement the Association and the Union discussed the application of a composite health insurance rate which would provide family coverage for employees and a schedule to convert buildings in the Central Business District and the Metropolitan Boston area in excess of 450,000 to full-time work schedules in a listed Appendix to the Collective Bargaining Agreement. During the course of negotiations it was discussed what would happen in the event that an owner/agent wanted to have its cleaning contractors either provide family coverage or convert to a full-time work schedule.

This letter will confirm that if an owner/agent of a commercial office building outside of the Metropolitan Boston area, or in Boston in a building under 400,000 square feet or inside of Cambridge in a building under 300,000 square feet communicates in writing that it elects to have its contractor either provide family coverage through a composite rate or a full-time conversion schedule, the contractor agrees to comply with such request. The client's written communication shall be a signed authorization which shall be specific as to the site location which will be affected and the intent with respect to health insurance, full-time work or both.

I trust that this letter reflects our understanding on this issue.

Very Truly Yours,

(b) (6)

[redacted]

President/Chair
Maintenance Contractors of New England