Post: 1/31/23
Num: 1-31-23 #17 CP3(GLC3)

Progress Invoice Form - Payment

GREAT WATER ALLIANCE

TO OWNER:	Waukesha Water Utility 115 Delafield Street P.O. Box 1648 Waukesha,WI 53187	PROJECT:	Black & Veatch 111 E. Wisconsin Avenue Milwaukee,WI 53202	APPLICATION NO: PERIOD TO: PROJECT NOS:	017 01-31-2023 199990-CP3
FROM CONTRACTOR:	C.D. Smith Construction, Inc. 889 East Johnson Street Fond du Lac,WI 54935	VIA ARCHITECT:	Greeley and Hansen 741 North Grand Avenue Waukesha,WI 53186	CONTRACT DATE:	06-04-2021
CONTRACT FOR:	C.D. Smith Construction, Inc. - CP3 - Booster Pump Station				

#49585

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment as shown below, in connection with the Contract.
Continuation Sheet is attached.

1. ORIGINAL CONTRACT SUM		$34,791,371.00
2. Net change by Change Order		$573,939.76
3. CONTRACT SUM TO DATE		$35,365,310.76
4. TOTAL COMPLETED & STORED TO DATE		$24,995,794.74
5. RETAINAGE:		
a. Completed Work	$-749,228.28	
b. Stored Material	$1,633,360.82	
Total Retainage		$884,132.54
6. TOTAL EARNED LESS RETAINAGE		$24,111,662.20
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT		$23,659,931.86
8. CURRENT PAYMENT DUE		$451,730.34
9. BALANCE TO FINISH, INCLUDING RETAINAGE		$10,679,708.80

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner	$0.00	$0.00
Total approved this month	$0.00	$0.00
TOTALS	$0.00	$0.00
NET CHANGES by Change Order		$0.00

Payment	
Advance Payment	$0.00
Current Repayment	$0.00
Total Repayment	$0.00

Tax	
Tax Refund	$0.00
Current Tax Witheld	$0.00
Total Tax Wiitheld	$0.00

CONTRACTOR:

By: Cassandra Wiest Date: 02-02-23

State of: Wisconsin

County of: Fond du Lac

Subscribed and sworn to before me this: 2nd day of February, 2023

Notary Public: Katie L Ruplinger

My Commission expires: 02/05/25

KATIE L. RUPLINGER NOTARY PUBLIC STATE OF WISCONSIN

ARCHITECT'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on the on-site observations and the data comprising this application, the architect certifies to the Owner that to the best of the Architect's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the contract Documents, and the contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED ..... $ 451730.34

(Attach explanation if amount certified differs from the amount applied for. Initial all figures on this Application and on the Continuation Sheet that are changed to conform to the amount certified.)

~~ARCHITECT:~~ BV

By: J Champion Date: 2/7/23

K Zylstra Kelly L Zylstra 2-7-23

PO 321254

GLCS0003-30-SUB

GWA Construction Costs for BPS - CP3

Printed on 01-31-2023

PMWeb

CONTINUATION SHEET

GREAT WATER ALLIANCE

APPLICATION AND CERTIFICATE FOR PAYMENT,
containing Contractors's signed Certification, is attached.
In tabulations below, amounts are stated to the nearest dollar.
Use Column I on Contracts where variable retainage for line items may apply.

APPLICATION NO: 017
APPLICATION DATE: 02-01-2023
PERIOD TO: 01-31-2023
ARCHITECT'S PROJECT NO:

A	B	C	D	E	F	G		H	I
			WORK COMPLETED		MATERIALS	TOTAL			
ITEM NO.	DESCRIPTION OF WORK	SCHEDULED VALUE	FROM PREV	THIS PERIOD	CURR STORED (NOT IN D OR E)	COMPLETED & STORED TO DATE (D + E + F)	% (G / C)	BALANCE TO FINISH (C - G)	RETAINAGE
001	Booster Pumping Station	$30,230,516.00	$17,360,047.52	$484,930.00	$3,729,184.14	$21,574,161.66	71.37%	$8,656,354.34	$763,352.40
002	Process Integration	$1,005,000.00	$85,250.00	$0.00	$0.00	$85,250.00	8.48%	$919,750.00	$3,009.33
003	Additional Earth Excavation	$875.00	$0.00	$0.00	$0.00	$0.00	0.00%	$875.00	$0.00
004	Additional Drainage Fill Material	$3,300.00	$0.00	$0.00	$0.00	$0.00	0.00%	$3,300.00	$0.00
005	Additional Select Fill Material	$4,000.00	$0.00	$0.00	$0.00	$0.00	0.00%	$4,000.00	$0.00
006	Additional Pipe Bedding Material	$1,750.00	$0.00	$0.00	$0.00	$0.00	0.00%	$1,750.00	$0.00
007	Additional Common Fill Material	$525.00	$0.00	$0.00	$0.00	$0.00	0.00%	$525.00	$0.00
008	Additional Class D Concrete	$87,500.00	$0.00	$0.00	$0.00	$0.00	0.00%	$87,500.00	$0.00
009	Additional Reinforcing Steel	$1,000.00	$0.00	$0.00	$0.00	$0.00	0.00%	$1,000.00	$0.00
010	Water Tower	$3,126,905.00	$2,892,211.20	$0.00	$0.00	$2,892,211.20	92.49%	$234,693.80	$102,095.06
011	Allowance - Unanticipated Impacted Soil and Groundwater	$100,000.00	$36,553.01	$0.00	$0.00	$36,553.01	36.55%	$63,446.99	$1,290.32
012	Allowacne - Removal and Dispose of Unknown Underground Storage Tanks	$10,000.00	$10,000.00	$0.00	$0.00	$10,000.00	100.00%	$0.00	$353.00

CONTINUATION SHEET

GREAT WATER ALLIANCE

APPLICATION AND CERTIFICATE FOR PAYMENT,
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APPLICATION NO: 017
APPLICATION DATE: 02-01-2023
PERIOD TO: 01-31-2023
ARCHITECT'S PROJECT NO:

A	B	C	D	E	F	G		H	I
			WORK COMPLETED		MATERIALS	TOTAL		BALANCE TO	
ITEM NO.	DESCRIPTION OF WORK	SCHEDULED VALUE	FROM PREV	THIS PERIOD	CURR STORED (NOT IN D OR E)	COMPLETED & STORED TO DATE (D + E + F)	% (G / C)	FINISH (C - G)	RETAINAGE
013	Allowance - We Energies Permanent Power Coodination	$50,000.00	$0.00	$0.00	$0.00	$0.00	0.00%	$50,000.00	$0.00
	Cumulative Totals	**$34,621,371.00**	**$20,384,061.73**	**$484,930.00**	**$3,729,184.14**	**$24,598,175.87**	**71.05%**	**$10,023,195.13**	**$870,100.11**
014	Allowance - Multimedia Communication & Engineering Fiber Optic	$50,000.00	$0.00	$0.00	$0.00	$0.00	0.00%	$50,000.00	$0.00
015	Allowance - Security System	$120,000.00	$0.00	$0.00	$0.00	$0.00	0.00%	$120,000.00	$0.00
016	Change DWV Plumbing from Cast Iron to PVC Schedule 40	$-25,243.00	$-25,243.00	$0.00	$0.00	$-25,243.00	100.00%	$0.00	$-891.08
017	Install Antenna Conduits and Brackets on Water Tower	$31,144.76	$8,000.00	$0.00	$0.00	$8,000.00	25.69%	$23,144.76	$282.40
018	Remove Existing Underground Tanks and Manholes	$36,239.74	$36,239.74	$0.00	$0.00	$36,239.74	100.00%	$0.00	$1,279.26
019	Relocation of Existing Overhead Communication Lines - Charter	$33,340.92	$33,340.92	$0.00	$0.00	$33,340.92	100.00%	$0.00	$1,176.93
020	Relocation of Existing Overhead Communication Lines - Midwest Fiber	$39,900.93	$39,900.93	$0.00	$0.00	$39,900.93	100.00%	$0.00	$1,408.50
021	Overhead Utility Relocation Close Out	$40,152.15	$40,152.15	$0.00	$0.00	$40,152.15	100.00%	$0.00	$1,417.37
022	Chemical Room Damper Material Change	$9,396.03	$0.00	$0.00	$0.00	$0.00	0.00%	$9,396.03	$0.00
023	Install Modified Wall Penetration and Casing Termination	$10,117.17	$5,000.00	$0.00	$0.00	$5,000.00	49.42%	$5,117.17	$173.00

CONTINUATION SHEET

GREAT WATER ALLIANCE

APPLICATION AND CERTIFICATE FOR PAYMENT,
containing Contractors's signed Certification, is attached.
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Use Column I on Contracts where variable retainage for line items may apply.

APPLICATION NO: 017
APPLICATION DATE: 02-01-2023
PERIOD TO: 01-31-2023
ARCHITECT'S PROJECT NO:

A	B	C	D	E	F	G		H	I
			WORK COMPLETED		MATERIALS	TOTAL		BALANCE TO	
ITEM NO.	DESCRIPTION OF WORK	SCHEDULED VALUE	FROM PREV	THIS PERIOD	CURR STORED (NOT IN D OR E)	COMPLETED & STORED TO DATE (D + E + F)	% (G / C)	FINISH (C - G)	RETAINAGE
024	Battery Chemistry Ventilation Changes	$29,172.84	$0.00	$0.00	$0.00	$0.00	0.00%	$29,172.84	$0.00
025	Install CT Metering Cabinet and Service Disconnect	$48,833.90	$15,000.00	$0.00	$0.00	$15,000.00	30.72%	$33,833.90	$529.50
026	Water Tower Communication Updates	$70,144.20	$0.00	$0.00	$0.00	$0.00	0.00%	$70,144.20	$0.00
	Cumulative Totals	**$35,114,570.64**	**$20,536,452.47**	**$484,930.00**	**$3,729,184.14**	**$24,750,566.61**	**70.49%**	**$10,364,004.03**	**$875,475.99**
027	MAU-1 Procurement	$5,533.21	$5,533.21	$0.00	$0.00	$5,533.21	100.00%	$0.00	$195.32
028	Booster Pump Station Floor Coatings Substitution	$-60,604.52	$-60,604.52	$0.00	$0.00	$-60,604.52	100.00%	$0.00	$-2,139.34
029	Generator Pad Bollards	$5,511.99	$0.00	$0.00	$0.00	$0.00	0.00%	$5,511.99	$0.00
030	Booster Pump Station Elevated Slab Changes	$300,299.44	$300,299.44	$0.00	$0.00	$300,299.44	100.00%	$0.00	$10,600.57
	Cumulative Totals	**$35,365,310.76**	**$20,781,680.60**	**$484,930.00**	**$3,729,184.14**	**$24,995,794.74**	**70.68%**	**$10,369,516.02**	**$884,132.54**

Progress Estimate - Lump Sum Work

Contractor's Application

For (Contract):	Contract Package 3 - Booster Pumping Station and Water Tower.	Application Number:	17
Application Period:	January 2023	Application Date:	1/31/2023

			Work Completed		E	F		G
A		B	C	D				
Specification Section No.	Description	Scheduled Value ($)	From Previous Application (C+D)	This Period	Materials Presently Stored (not in C or D)	Total Completed and Stored to Date (C + D + E)	% (F / B)	Balance to Finish (B - F)
	BID ITEM #1 - ALL WORK CP3							
00 61 13	BOND INSURANCE	$ 49,000.00	49000			49000	100.0%	$ -
00 72 00	SPECIAL INSURANCE	$ 53,000.00	53000			53000	100.0%	$ -
01 11 00	MOBILIZATION CDS	$ 242,081.00	202000			202000	83.4%	$ 40,081.00
01 33 00	APPROVED SUBMITTALS	$ 50,000.00	46000			46000	92.0%	$ 4,000.00
01 33 00	APPROVED O&Ms	$ 15,000.00	8500			8500	56.7%	$ 6,500.00
00 72 00	ADMINISTRATION	$ 241,735.00	147500	15000		162500	67.2%	$ 79,235.00
00 72 00	SUPERVISION	$ 373,488.00	196000	25000		221000	59.2%	$ 152,488.00
01 50 00	TEMPORARY FACILITIES	$ 147,000.00	94000	10000		104000	70.7%	$ 43,000.00
01 50 00	ENGINEERS TRAILER	$ 127,000.00	125000			125000	98.4%	$ 2,000.00
01 50 00	DUMPSTERS	$ 30,000.00	23500			23500	78.3%	$ 6,500.00
01 60 00	CONSTRUCION EQUIPMENT	$ 135,000.00	103500	3000		106500	78.9%	$ 28,500.00
01 74 00	INTERM CLEANING	$ 20,600.00	15000			15000	72.8%	$ 5,600.00
01 74 00	FINAL CLEANING	$ 6,000.00	500			500	8.3%	$ 5,500.00
01 71 23	LAYOUT	$ 7,500.00	6500			6500	86.7%	$ 1,000.00
03 20 00	CONCRETE REINFORCING LABOR BS	$ 140,000.00	139000			139000	99.3%	$ 1,000.00
03 20 00	CONCRETE REINFORCING MATERIAL BS	$ 196,780.00	196000			196000	99.6%	$ 780.00
03 31 00	CONCRETE MATERIAL	$ 365,000.00	360000			360000	98.6%	$ 5,000.00
03 10 00	CONCRETE FORMING MATERIAL	$ 185,000.00	184500			184500	99.7%	$ 500.00
03 31 00	MISC CONCRETE MATERIAL	$ 49,527.00	49000			49000	98.9%	$ 527.00
03 31 00	CONCRETE LABOR	$ 394,223.00	392000			392000	99.4%	$ 2,223.00
03 45 00	PRECAST CONCRETE	$ 487,000.00	487000			487000	100.0%	$ -
03 45 00	PRECAST CONCRETE ERECTION W/CRANE	$ 185,000.00	185000			185000	100.0%	$ -
04 20 00	MASONRY MATERIAL	$ 12,215.00	12215			12215	100.0%	$ -
04 20 00	MASONRY LABOR	$ 88,072.00	88072			88072	100.0%	$ -
05 12 00	TRUSSES MATERIAL	$ 17,000.00	17000			17000	100.0%	$ -
05 21 00	STRU JOIST AND DECK MATERIAL	$ 105,000.00	105000			105000	100.0%	$ -
05 50 00	MISC METALS MATERIAL	$ 79,840.00	63256			63256	79.2%	$ 16,584.00
05 12 00	ROOF STRU INSTALLATION	$ 35,000.00	35000			35000	100.0%	$ -
05 50 00	MISC METAL INSTALLATION	$ 22,000.00	15000			15000	68.2%	$ 7,000.00
06 82 10	FIBERGLASS MATERIAL	$ 26,759.00						$ 26,759.00
06 82 10	FIBERGLASS LABOR	$ 8,500.00						$ 8,500.00
06 10 00	CARPENTRY MATERIAL	$ 25,000.00	24000			24000	96.0%	$ 1,000.00
06 10 00	CARPENTRY LABOR	$ 15,000.00	14000			14000	93.3%	$ 1,000.00
07 14 16	SHEET APPLIED WATERRPOOFING & INSULATION	$ 36,105.00	36105			36105	100.0%	$ -
07 90 00	JOINT SEALANTS	$ 26,725.00	20000			20000	74.8%	$ 6,725.00
08 17 43	DOOR AND FRAMES MATERIAL	$ 111,500.00	30000		50279	80279	72.0%	$ 31,221.00

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Progress Estimate - Lump Sum Work

Contractor's Application

For (Contract):	Contract Package 3 - Booster Pumping Station and Water Tower.	Application Number:	17
Application Period:	January 2023	Application Date:	1/31/2023

			Work Completed		E	F		G
A		B	C	D				
Specification Section No.	Description	Scheduled Value ($)	From Previous Application (C+D)	This Period	Materials Presently Stored (not in C or D)	Total Completed and Stored to Date (C + D + E)	% (F / B)	Balance to Finish (B - F)
08 31 00	ACCESS DOORS	$ 4,500.00		3000		3000	66.7%	$ 1,500.00
08 17 43	DOORS AND FRAMS INSTALATION	$ 10,000.00		2000		2000	20.0%	$ 8,000.00
08 33 23	OVERHEAD DOORS	$ 24,200.00						$ 24,200.00
08 80 00	GLASS AND GLAZING	$ 32,578.00						$ 32,578.00
09 51 00	ASOUSTICAL CEILING	$ 3,000.00						$ 3,000.00
09 96 00	HIGH PERFORMANCE COATINGS (BPS)	$ 407,420.00	198604.52	35000		233604.52	57.3%	$ 173,815.48
09 96 23	TRAFFIC COATING	$ 28,815.00		12000		12000	41.6%	$ 16,815.00
10 28 13	TOILET AND BATH ACCESSORIES L&M	$ 2,000.00						$ 2,000.00
10 40 00	SIGNAGE L&M	$ 2,000.00						$ 2,000.00
10 441 6	FIRE EXTINGUISHERS L&M	$ 3,500.00						$ 3,500.00
11 53 00	LABORATORY EQUIPMENT	$ 7,422.00						$ 7,422.00
12 35 53	LABORATORY CASEWORK	$ 8,394.00						$ 8,394.00
12 50 00	FURNITURE	$ 2,769.00						$ 2,769.00
41 22 13	BRIDGE CRANE	$ 61,581.00	60000			60000	97.4%	$ 1,581.00
32 12 00	ASPHALT PAVING	$ 115,936.00						$ 115,936.00
32 17 23	PAVMENT MARKING	$ 8,500.00						$ 8,500.00
32 13 00	SITE CONCRETE	$ 185,000.00						$ 185,000.00
32 31 13	FENCING	$ 223,890.00			139800	139800	62.4%	$ 84,090.00
32 90 00	LANDSCAPING	$ 433,000.00						$ 433,000.00
31 41 00	EARTH RETENTION	$ 300,000.00	280000			280000	93.3%	$ 20,000.00
01 41 00	DISENFECTION GENERAL AND WATER	$ 32,000.00						$ 32,000.00
31 23 22	SITE DEWATERING AS REQUIRED	$ 65,000.00	40000			40000	61.5%	$ 25,000.00
	G&L Associates Roofing							
07 61 13	3 Material Booster Pump Station Roof	$ 363,000.00	345000			345000	95.0%	$ 18,000.00
07 61 13	3A Material Interior water tower roof	$ 81,775.00						$ 81,775.00
07 61 13	3 Labor Booster Pump Station Roof	$ 145,000.00	114000	27000		141000	97.2%	$ 4,000.00
07 61 13	3A Labor Interior water tower roof	$ 10,000.00						$ 10,000.00
07 61 13	Design and Submittal.	$ 43,225.00	43225			43225	100.0%	$ -
	EDGERTON							
01 11 00	MOBILIZATION	$ 150,000.00	110000			110000	73.3%	$ 40,000.00
01 33 00	APPROVED SUBMITTALS	$ 10,000.00	8000			8000	80.0%	$ 2,000.00
31 25 13	EROSION CONTROL	$ 46,000.00	39500			39500	85.9%	$ 6,500.00
31 10 00	SITE CLEARING	$ 156,000.00	156000			156000	100.0%	$ -
31 23 16	MASS GRADING	$ 349,000.00	342000			342000	98.0%	$ 7,000.00
31 23 16	STRUCTURE EXCAVATION-BACKFILL	$ 643,000.00	515000			515000	80.1%	$ 128,000.00
32 11 23	CABC SOG	$ 53,000.00	35000			35000	66.0%	$ 18,000.00
32 11 23	CABC SITE	$ 64,000.00						$ 64,000.00

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Progress Estimate - Lump Sum Work

Contractor's Application

For (Contract):	Contract Package 3 - Booster Pumping Station and Water Tower.	Application Number:	17
Application Period:	January 2023	Application Date:	1/31/2023

			Work Completed		E	F		G
A		B	C	D				
Specification Section No.	Description	Scheduled Value ($)	From Previous Application (C+D)	This Period	Materials Presently Stored (not in C or D)	Total Completed and Stored to Date (C + D + E)	% (F / B)	Balance to Finish (B - F)
32 05 13	RESTORATION	$ 131,000.00						$ 131,000.00
32 05 13	TEMPORARY TOPSOIL ACCESS ROAD	$ 38,000.00	19000			19000	50.0%	$ 19,000.00
32 11 23	CABC TEMP ROAD	$ 67,000.00	65000			65000	97.0%	$ 2,000.00
31 23 23	SELECT FILL UNDER PAVEMENTS	$ 388,000.00						$ 388,000.00
	AUGUST WINTERS							
01 11 00	MOBILIZATION	$ 55,000.00	52500			52500	95.5%	$ 2,500.00
00 72 00	GERNERAL CONDITIONS	$ 33,000.00	24250			24250	73.5%	$ 8,750.00
01 33 00	APPROVED SUBMITTALS	$ 10,000.00	5000			5000	50.0%	$ 5,000.00
01 33 00	APPROVED O&Ms	$ 2,000.00						$ 2,000.00
33 05 55	30" BPS DISCHARGE PIPELINE # (M)	$ 195,000.00	195000			195000	100.0%	$ -
33 05 55	30" BPS DISCHARGE PIPELINE # (L)	$ 125,000.00	125000			125000	100.0%	$ -
33 05 55	WATER SERVICE TO BPS (M)	$ 51,000.00	51000			51000	100.0%	$ -
33 05 55	WATER SERVICE TO BPS (L)	$ 73,000.00	73000			73000	100.0%	$ -
33 05 55	30" BPS WATER SUPPLY (M)	$ 325,000.00	325000			325000	100.0%	$ -
33 05 55	30" BPS WATER SUPPLY (L)	$ 140,000.00	140000			140000	100.0%	$ -
33 05 55	30" BPS DISCHARGE LINE #2 (M)	$ 210,000.00	206270	3730		210000	100.0%	$ -
33 05 55	30" BPS DISCHARGE LINE #2 (L)	$ 68,000.00	66000	2000		68000	100.0%	$ -
33 05 55	8" WATER SERVICE ON ACCESS ROAD (M)	$ 55,000.00	55000			55000	100.0%	$ -
33 05 55	8" WATER SERVICE ON ACCESS ROAD (L)	$ 75,000.00	75000			75000	100.0%	$ -
33 30 00	SANITARY ON ACCESS ROAD (M)	$ 35,000.00	35000			35000	100.0%	$ -
33 30 00	SANITARY ON ACCESS ROAD (L)	$ 80,000.00	80000			80000	100.0%	$ -
33 30 00	SANITARY TO BPS (M)	$ 40,000.00	40000			40000	100.0%	$ -
33 30 00	SANITARY TO BPS (L)	$ 95,000.00	95000			95000	100.0%	$ -
33 05 55	RSVR #1 30" (M)	$ 121,000.00	21100		98000	119100	98.4%	$ 1,900.00
33 05 55	RSVR #1 30" (L)	$ 45,000.00	2500	4000		6500	14.4%	$ 38,500.00
33 05 55	RSVR #1 24" (M)	$ 71,000.00	35000		26050	61050	86.0%	$ 9,950.00
33 05 55	RSVR #1 24" (L)	$ 43,000.00	2500	4000		6500	15.1%	$ 36,500.00
33 05 55	RSVR #1 6" (M)	$ 12,000.00	1180		10820	12000	100.0%	$ -
33 05 55	RSVR #1 6" (L)	$ 21,000.00	1000	2000		3000	14.3%	$ 18,000.00
33 05 55	RSVR #2 30" (M)	$ 125,000.00	20100		99500	119600	95.7%	$ 5,400.00
33 05 55	RSVR #2 30" (L)	$ 50,000.00	2500	4000		6500	13.0%	$ 43,500.00
33 05 55	RSVR #2 24" (M)	$ 61,000.00	35000		18500	53500	87.7%	$ 7,500.00
33 05 55	RSVR #2 24" (L)	$ 43,000.00	2500	4000		6500	15.1%	$ 36,500.00
33 05 55	RSVR #2 6" (M)	$ 12,000.00	1500		750	2250	18.8%	$ 9,750.00
33 05 55	RSVR #2 6" (L)	$ 22,000.00	1000	2000		3000	13.6%	$ 19,000.00
33 05 23	CASING PIPE (M)	$ 120,000.00		120000		120000	100.0%	$ -
33 05 23	CASING PIPE INSTALL	$ 60,000.00		10000		10000	16.7%	$ 50,000.00

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Progress Estimate - Lump Sum Work

Contractor's Application

For (Contract):	Contract Package 3 - Booster Pumping Station and Water Tower.	Application Number:	17
Application Period:	January 2023	Application Date:	1/31/2023

			Work Completed		E	F		G
A		B	C	D				
Specification Section No.	Description	Scheduled Value ($)	From Previous Application (C+D)	This Period	Materials Presently Stored (not in C or D)	Total Completed and Stored to Date (C + D + E)	% (F / B)	Balance to Finish (B - F)
33 05 13	SANITARY MANHOLES (M)	$ 25,000.00	15000		10000	25000	100.0%	$ -
33 05 13	STORM MANHOLES (M)	$ 70,000.00						$ 70,000.00
33 30 00	RCP STORM PIIPING (M)	$ 125,000.00						$ 125,000.00
33 30 00	STORM INSTALLATION	$ 482,000.00						$ 482,000.00
33 05 07	BORING MATERIAL (M)	$ 10,000.00	10000			10000	100.0%	$ -
33 05 07	SANITARY BORING (L)	$ 85,000.00	85000			85000	100.0%	$ -
	NEXT ELECTRIC							
01 11 00	MOBILIZATION	$ 149,829.00	149829			149829	100.0%	$ -
01 33 00	APPROVED SUBMITTALS	$ 30,000.00	20000	4000		24000	80.0%	$ 6,000.00
01 33 00	APPROVED O&Ms	$ 12,000.00						$ 12,000.00
01 50 00	TEMPORARY LIGHTING AND POWER	$ 32,549.00	29500			29500	90.6%	$ 3,049.00
26 23 00	DISTRIBUTION EQUIPMENT (M)	$ 859,089.00			267330	267330	31.1%	$ 591,759.00
26 23 00	DISTRIBUTION EQUIPMENT STARTUP	$ 4,800.00						$ 4,800.00
26 05 43	DISTRIBUTION/GENERATOR FEEDER & CONDUIT (L&M)	$ 138,389.00	90000	40000		130000	93.9%	$ 8,389.00
26 05 26	GROUNDING	$ 15,030.00	13530			13530	90.0%	$ 1,500.00
26 32 13	GERNERATOR INSTALL	$ 233,480.00	5000	5000		10000	4.3%	$ 223,480.00
26 32 13	GENERATOR STARTUP	$ 2,750.00						$ 2,750.00
26 50 00	LIGHT FIXTURES (M)	$ 108,086.00			92295.14	92295.14	85.4%	$ 15,790.86
26 28 16	MOTOR/EQUIPMENT CONNECTIONS (L)	$ 120,569.00						$ 120,569.00
26 41 00	LIGHTINING PROTECTION (L&M)	$ 42,839.00						$ 42,839.00
26 05 43	DUCTBANK (L&M)	$ 242,585.00	209870			209870	86.5%	$ 32,715.00
26 05 33	BRANCH CONDUIT (L&M)	$ 258,689.00	137944	35000		172944	66.9%	$ 85,745.00
26 05 33	BRANCH WIRE (L& M)	$ 119,754.00		5000		5000	4.2%	$ 114,754.00
27 00 00	COMMUNICATIONS	$ 15,620.00						$ 15,620.00
28 00 00	FIRE ALARM/SECURITY SYSTEM (L&M)	$ 47,803.00	2500			2500	5.2%	$ 45,303.00
	AHERN							
01 11 00	ADMINISTRATION	$ 75,000.00	70500			70500	94.0%	$ 4,500.00
01 33 00	APPROVED SUBMITTALS	$ 101,500.00	70080	25000		95080	93.7%	$ 6,420.00
01 33 00	APPROVED O&Ms	$ 50,750.00	21000			21000	41.4%	$ 29,750.00
01 11 00	MOBILIZATION	$ 18,750.00	18750			18750	100.0%	$ -
01 79 00	STARTUP AND TRAINING	$ 20,000.00						$ 20,000.00
40 05 16	WALL PIPES	$ 65,000.00	65000			65000	100.0%	$ -
40 05 16	SLEEVES	$ 17,000.00	17000			17000	100.0%	$ -
40 05 16	4"-12" DI PIPING MATERIAL	$ 36,000.00			36000	36000	100.0%	$ -
40 05 16	4"-12" DI PIPING LABOR	$ 25,000.00	7500	2000		9500	38.0%	$ 15,500.00
40 05 16	14"-30" DI PIPING MATERIAL	$ 891,000.00	4000		740245	744245	83.5%	$ 146,755.00
40 05 16	14"-30" DI PIPING LABOR	$ 190,000.00	11500	5000		16500	8.7%	$ 173,500.00

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Progress Estimate - Lump Sum Work

Contractor's Application

For (Contract):	Contract Package 3 - Booster Pumping Station and Water Tower.	Application Number:	17
Application Period:	January 2023	Application Date:	1/31/2023

			Work Completed		E	F		G
A		B	C	D				
Specification Section No.	Description	Scheduled Value ($)	From Previous Application (C+D)	This Period	Materials Presently Stored (not in C or D)	Total Completed and Stored to Date (C + D + E)	% (F / B)	Balance to Finish (B - F)
40 05 20	VALVE MATERIAL	$ 1,552,000.00			1547516	1547516	99.7%	$ 4,484.00
40 05 20	VALVE LABOR	$ 190,000.00	2500			2500	1.3%	$ 187,500.00
40 05 18	SAMPLE PIPING	$ 9,300.00						$ 9,300.00
43 21 11	RESERVOIR MIXING PUMPS	$ 29,300.00			25914	25914	88.4%	$ 3,386.00
43 21 17	TURBINE PUMPS - FACTORY MATERIAL	$ 84,750.00						$ 84,750.00
43 21 17	TURBINE PUMPS - DELIVERY	$ 203,400.00						$ 203,400.00
43 21 17	TURBINE PUMPS - INSTALLATION	$ 80,400.00						$ 80,400.00
40 05 16	RESERVOIR PIPING MATERIAL	$ 51,800.00			51800	51800	100.0%	$ -
40 05 16	RESERVOIR PIPING LABOR	$ 15,000.00	10000			10000	66.7%	$ 5,000.00
22 10 00	UNDERGROUND DWV	$ 98,000.00	98000			98000	100.0%	$ -
22 10 00	WATER SERVICE	$ 4,000.00	500		3500	4000	100.0%	$ -
22 10 00	ABOVE GROUND DWV	$ 38,000.00	38000			38000	100.0%	$ -
22 10 00	WATER PIPING	$ 45,000.00						$ 45,000.00
22 10 00	SUMP PUMPS & PIPING	$ 52,600.00						$ 52,600.00
22 30 00	PLUMBING FIXTURES	$ 59,300.00	1117			1117	1.9%	$ 58,183.00
22 10 00	WATER TOWER DWV & WATER	$ 16,000.00	2500			2500	15.6%	$ 13,500.00
46 33 37	SHC SYSTEM	$ 150,000.00			78437	78437	52.3%	$ 71,563.00
46 33 37	LAS SYSTEM	$ 162,600.00			68488	68488	42.1%	$ 94,112.00
23 31 00	SM SHOP FABRICATION	$ 41,500.00		33200		33200	80.0%	$ 8,300.00
23 11 23	Gas Piping	$ 17,300.00						$ 17,300.00
23 23 00	Refrigeration Piping	$ 5,300.00						$ 5,300.00
23 31 00	FRP Duct	$ 59,200.00						$ 59,200.00
23 31 00	FIELD DUCT INSTALLATION	$ 43,400.00	5000	10000		15000	34.6%	$ 28,400.00
23 00 00	HVAC EQUIPMENT MATERIAL	$ 228,000.00	25000		118070	143070	62.8%	$ 84,930.00
23 00 00	HVAC EQUIPMENT INSTALLATION	$ 61,000.00	12200	15000		27200	44.6%	$ 33,800.00
21 00 00	FIRE PROTECTION	$ 133,550.00	25215	18000		43215	32.4%	$ 90,335.00
23 27 00	INSULATION	$ 54,100.00						$ 54,100.00
23 09 00	HVAC CONTROLS	$ 84,600.00	8524		20890	29414	34.8%	$ 55,186.00
23 05 93	HVAC BALANCING	$ 3,250.00						$ 3,250.00
23 31 00	HANGER ENGINEERING	$ 7,350.00	7350			7350	100.0%	$ -
23 05 93	PRESSURE TESTING AND DISINFECTION	$ 5,000.00						$ 5,000.00
33 16 33	**DN Tanks**							
33 16 33	Submittal Drawings and Tank Design	$ 70,000.00	70000			70000	100.0%	$ -
33 16 33	Mobilization	$ 515,000.00	487500			487500	94.7%	$ 27,500.00
33 16 33	**Tank 1**							
33 16 33	Tank Piping Delivery	$ 225,000.00			112500	112500	50.0%	$ 112,500.00
33 16 33	Tank Piping Installed	$ 65,000.00						$ 65,000.00

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Progress Estimate - Lump Sum Work

Contractor's Application

For (Contract):	Contract Package 3 - Booster Pumping Station and Water Tower.	Application Number:	17
Application Period:	January 2023	Application Date:	1/31/2023

			Work Completed		E	F		G
A		B	C	D				
Specification Section No.	Description	Scheduled Value ($)	From Previous Application (C+D)	This Period	Materials Presently Stored (not in C or D)	Total Completed and Stored to Date (C + D + E)	% (F / B)	Balance to Finish (B - F)
33 16 33	Tank Floor & Wall Footing	$ 598,906.00	598906			598906	100.0%	$ -
33 16 33	Cast Precast Wall Panels	$ 1,004,838.50	1004838.5			1004838.5	100.0%	$ -
33 16 33	Precast Dome Roof - Casting Dome Panels	$ 607,997.00	607997			607997	100.0%	$ -
33 16 33	Type 3 Wall - Erect Wall Panels	$ 362,401.50	362401.5			362401.5	100.0%	$ -
33 16 33	Wall Slots	$ 184,649.00	184649			184649	100.0%	$ -
33 16 33	Corewall Shotcrete	$ 75,433.00	75433			75433	100.0%	$ -
33 16 33	Wire Prestressing & Wire Cover Shotcrete	$ 498,548.50	150000			150000	30.1%	$ 348,548.50
33 16 33	Shotcrete Cover Coat	$ 156,196.50						$ 156,196.50
33 16 33	Erect Shoring & Forms (Precast Dome)	$ 348,364.50	348364.5			348364.5	100.0%	$ -
33 16 33	Precast Dome Roof - Erect Dome Panels	$ 193,770.50	193770.5			193770.5	100.0%	$ -
33 16 33	Reinforce & Pour Dome Ring & Dome Slots	$ 223,938.50	223938.5			223938.5	100.0%	$ -
33 16 33	Dismantle Shoring & Forms (Precast Dome)	$ 189,158.00	189158			189158	100.0%	$ -
33 16 33	Tank Appurtenances	$ 92,519.00	18503			18503	20.0%	$ 74,016.00
33 16 33	Exterior Tank Coating	$ 131,371.00						$ 131,371.00
33 16 33	Demobilization	$ 49,408.50	10000			10000	20.2%	$ 39,408.50
33 16 33	**Tank 2**							
33 16 33	Tank Piping Delivery	$ 225,000.00			112500	112500	50.0%	$ 112,500.00
33 16 33	Tank Piping Installed	$ 65,000.00						$ 65,000.00
33 16 33	Tank Floor & Wall Footing	$ 598,906.00	598906			598906	100.0%	$ -
33 16 33	Cast Precast Wall Panels	$ 1,004,838.50	1004838.5			1004838.5	100.0%	$ -
33 16 33	Precast Dome Roof - Casting Dome Panels	$ 607,997.00	607997			607997	100.0%	$ -
33 16 33	Type 3 Wall - Erect Wall Panels	$ 362,401.50	362401.5			362401.5	100.0%	$ -
33 16 33	Wall Slots	$ 184,649.00	184649			184649	100.0%	$ -
33 16 33	Corewall Shotcrete	$ 75,433.00	75433			75433	100.0%	$ -
33 16 33	Wire Prestressing & Wire Cover Shotcrete	$ 498,548.50	75000			75000	15.0%	$ 423,548.50
33 16 33	Shotcrete Cover Coat	$ 156,196.50						$ 156,196.50
33 16 33	Erect Shoring & Forms (Precast Dome)	$ 348,364.50	348364.5			348364.5	100.0%	$ -
33 16 33	Precast Dome Roof - Erect Dome Panels	$ 193,770.50	193770.5			193770.5	100.0%	$ -
33 16 33	Reinforce & Pour Dome Ring & Dome Slots	$ 223,938.50	223938.5			223938.5	100.0%	$ -
33 16 33	Dismantle Shoring & Forms (Precast Dome)	$ 189,158.00	180000			180000	95.2%	$ 9,158.00
33 16 33	Tank Appurtenances	$ 92,519.00	18503			18503	20.0%	$ 74,016.00
33 16 33	Exterior Tank Coating	$ 131,371.00						$ 131,371.00
33 16 33	Demobilization	$ 49,408.50	10000			10000	20.2%	$ 39,408.50
33 13 00	WATER TESTING AND DISINFECTION	$ 43,500.00						$ 43,500.00
	Bid Item #1 Subtotals	**$ 30,230,516.00**	**$ 17,360,047.52**	**$ 484,930.00**	**$ 3,729,184.14**	**$ 21,574,161.66**	**71.37%**	**$ 8,656,354.34**
	BID ITEM #2 -PROCESS INTEGRATION							
40 90 00	PROCESS INTEGRATION (DESIGN AND INSTALLATION)	$ 228,787.00	75250			75250	32.9%	$ 153,537.00

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Progress Estimate - Lump Sum Work

Contractor's Application

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Application Period:	January 2023	Application Date:	1/31/2023

			Work Completed		E	F		G
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Specification Section No.	Description	Scheduled Value ($)	From Previous Application (C+D)	This Period	Materials Presently Stored (not in C or D)	Total Completed and Stored to Date (C + D + E)	% (F / B)	Balance to Finish (B - F)
40 95 13	CABINETS AND DEVICES	$ 675,963.00	10000			10000	1.5%	$ 665,963.00
40 98 00	DEVICE START UP AND TRAINING	$ 100,250.00						$ 100,250.00
	Bid Item #2 Subtotals	**$ 1,005,000.00**	**$ 85,250.00**	**$ -**	**$ -**	**$ 85,250.00**	**8.48%**	**$ 919,750.00**
02 41 18	**BID ITEM #3** - EARTH EXCAVATION CY (175)	**$ 875.00**						**$ 875.00**
02 41 18	**BID ITEM #4** - DRAINAGE FILL MATERIAL CY (60)	**$ 3,300.00**						**$ 3,300.00**
02 41 18	**BID ITEM #4** - SELECT FILL MATERIAL CY (100)	**$ 4,000.00**						**$ 4,000.00**
02 41 18	**BID ITEM #6** - PIPING BEDDING MATERIAL CY (25)	**$ 1,750.00**						**$ 1,750.00**
02 41 18	**BID ITEM #7** - ADD'L COMMON FILL MATERIAL CY (35)	**$ 525.00**						**$ 525.00**
03 31 00	**BID ITEM #8** - ADD'L CLASS D CONCRETE (PLACED) CY (125)	**$ 87,500.00**						**$ 87,500.00**
03 20 00	**BID ITEM #9** - REBAR (PLACED) LBS (500)	**$ 1,000.00**						**$ 1,000.00**
	BID ITEM #10 - CP3A WATERTOWER							
33 16 11	INSURANCE	$ 99,000.00	99000			99000	100.0%	$ -
33 16 11	ENGINEERING & APPROVAL	$ 486,000.00	482300			482300	99.2%	$ 3,700.00
33 16 11	TANK MATERIAL	$ 540,000.00	528000			528000	97.8%	$ 12,000.00
33 16 11	TANK FABRICAION & SHIP	$ 547,000.00	528800			528800	96.7%	$ 18,200.00
33 16 11	TANK ERECTION	$ 680,000.00	640000			640000	94.1%	$ 40,000.00
33 16 11	TANK PAINT	$ 398,000.00	280000			280000	70.4%	$ 118,000.00
33 16 11	STERILIZE AND TEST	$ 3,000.00						$ 3,000.00
33 16 11	O&M's & CLOSEOUT	$ 15,000.00						$ 15,000.00
33 16 11	ELEVATED WATER TOWER BASE Concrete CDS	$ 110,777.00	97111.2			97111.2	87.7%	$ 13,665.80
33 16 11	WATER TOWER	$ 28,128.00	25000			25000	88.9%	$ 3,128.00
33 05 55	WATER TOWER PIPING 3A (M)	$ 144,000.00	140000			140000	97.2%	$ 4,000.00
33 05 55	WATER TOWER PIPING 3A (L)	$ 76,000.00	72000			72000	94.7%	$ 4,000.00
	Bid Item #10 Subtotals	**$ 3,126,905.00**	**$ 2,892,211.20**	**$ -**	**$ -**	**$ 2,892,211.20**	**92.49%**	**$ 234,693.80**
02 41 18	**BID ITEM #11** -SOILS	**$ 100,000.00**	**36553.01**			**36553.01**	**36.6%**	**$ 63,446.99**
02 50 00	**BID ITEM #12** - UND. STORAGE TANKS	**$ 10,000.00**	**10000**			**10000**	**100.0%**	**$ -**
01 31 00	**BID ITEM #13** - UTILITES ELC & GAS	**$ 50,000.00**						**$ 50,000.00**
01 31 00	**BID ITEM #14** - FIBER OPTIC	**$ 50,000.00**						**$ 50,000.00**
01 31 00	**BID ITEM #15** - SECURITY	**$ 120,000.00**						**$ 120,000.00**
	Change Orders							
CO-01.01	DWV PIPING FROM CAST IRON TO CPVC	$ (25,243.00)	-25243			-25243	100.0%	$ -
CO-01.02	INSTALL ANTENNA CONDIUITS UNDER TOWER	$ 31,144.76	$8,000.00			8000	25.7%	$ 23,144.76
CO-01.03	REMOVE EXISTING UNDERGROUND TANKS	$ 36,239.74	$36,239.74			36239.74	100.0%	$ -
CO-01.04	RELOCATION OF LINES CHARTER	$ 33,340.92	33340.92			33340.92	100.0%	$ -
CO-01.05	RELOVATION OF LINE MIDWEST	$ 39,900.93	39900.93			39900.93	100.0%	$ -
CO-02.01	Overhead Utility Relocaiton Close Out	$ 40,152.15	40152.15			40152.15	100.0%	$ -
CO-02.02	Chemical Room Damper Material	$ 9,396.03						$ 9,396.03

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CO-02.03	Install Modified Wall Penetration	$ 10,117.17	$5,000.00			5000	49.4%	$ 5,117.17
CO-02.04	Battery Chemistry Ventilation	$ 29,172.84						$ 29,172.84
CO-02.05	Install CT Metering Cabinet and Disconnect	$ 48,833.90	$15,000.00			15000	30.7%	$ 33,833.90
CO-02.06	Water Tower Communicaiton	$ 70,144.20						$ 70,144.20
CO-02.07	MAU 1 Procurement	$ 5,533.21	$5,533.21			5533.21	100.0%	$ -
CO-02.08	BPS Floor Coatings	$ (60,604.52)	($60,604.52)			-60604.52	100.0%	$ -
CO-02.09	Generator Pad Bollards	$ 5,511.99						$ 5,511.99
CO-02.10	BPS Pump Slab Elevated Slab Changes	$ 300,299.44	$300,299.44			300299.44	100.0%	$ -
							#DIV/0!	$ -
							#DIV/0!	$ -
	CHANGE ORDER SUBTOTALS	**$ 573,939.76**	**$ 397,618.87**	**$ -**	**$ -**	**$ 397,618.87**	**69.28%**	**$ 176,320.89**
	Totals	**$ 35,365,310.76**	**$ 20,781,680.60**	**$ 484,930.00**	**$ 3,729,184.14**	**$ 24,995,794.74**	**70.68%**	**$ 10,369,516.02**

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Transmittal Form

GREAT WATER ALLIANCE™

Project	CP3 - Booster Pump Station	Project #	199990-CP3

From:	Black & Veatch	**To:**	Waukesha Water Utility	**Description:**	Application for Payment No.017
	111 E. Wisconsin Avenue Milwaukee, WI 53202		115 Delafield Street Waukesha, WI 53187-1648	**Date:**	02-07-2023
	Jeff Champion	**Attention:**	Kelly Zylstra	**Transmittal #:**	017

Transmittal Type

Type:

Submittal Sets: ☐

Spec Section:

Set:

Rev:

Doc Date:

Remarks

- ☐ For your information
- ☐ For your approval
- ☐ Approved as noted
- ☐ For your records
- ☐ For construction

Send Via

- ☐ Attached
- ☑ Separate Cover Via: Hand Deliver

Transmittal Status

- ☑ Draft
- ☐ Submitted
- ☐ Returned
- ☐ Resubmitted
- ☐ Approved
- ☐ Rejected
- ☐ Withdrawn
- ☐ Due Date:

Item	Set	Rev.	Item NO.	Date	Description	Status
			1	01-31-2023	Application for Payment No.017	Recommended

Comment:

The attached Application and Certification for Payment No. 017 and support documentation for the Waukesha Water Utility, Great Water Alliance - Great Lakes Water Supply Program Contract Package No. 3, issued by C.D. Smith Construction, Inc., has been reviewed and agreed to by Black & Veatch. It is our recommendation to accept this Application for Payment and pay C.D. Smith Construction, Inc. for materials and work completed through January 31, 2023. A total amount of Four Hundred Fifty-One Thousand Seven Hundred Thirty and Thirty-Four Cents ($451,730.34).