HRG
Herbert, Rowland & Grubic, Inc.
Engineering & Related Services
AN EMPLOYEE-OWNED COMPANY

369 East Park Drive
Harrisburg, PA 17111
717.564.1121
www.hrg-inc.com

July 9, 2021

Mr. David W. Stewart, P.E., BCEE
Director of Engineering
Capital Region Water
3003 North Front Street
Harrisburg, Pennsylvania 17110

Re: Capital Region Water
2021 Sewer System Improvements Project
Recommendation of Award

Dear Mr. Stewart:

Herbert, Rowland & Grubic, Inc. has completed our review of the bids received on July 8, 2021, for CRW's 2021 Sewer System Improvements Project. We reviewed the apparent low bid and have noted the following irregularities:

Ex. 4 CBI

I have enclosed a certified bid tabulation and original apparent low bid with this recommendation for your review.

Should you have any questions regarding this matter, please feel free to contact me.

Very truly yours,
HERBERT, ROWLAND & GRUBIC, INC.

Caleb J. Krauter

Caleb J. Krauter, E.I.T.
Team Leader | Water & Wastewater

004379.0487
P:\0043\004379_0487\Admin\Bidding\Award Recommendation\2021 07.09 Recommendation Of Award - 2021 Sewer System Improvements Project.Docx

Attachments

c: Jeff Bowra, P.E., CRW (email)
Jarvis Brown, CRW (email)
Steve Early, CRW (email)
Steve Tyer, CRW (email)
Scott Wyland, Esquire, Salzmann Hughes, P.C. (email)
Matthew Cichy, P.E., HRG (email)
Ed Ellinger, P.E., HRG (email)

HRG
Herbert, Rowland & Grubic, Inc.
Engineering & Related Services
AN EMPLOYEE-OWNED COMPANY

CAPITAL REGION WATER
2021 SEWER SYSTEMS IMPROVEMENTS PROJECT
BID OPENING: JULY 8, 2021 at 10:00AM
004379.0487

				R-III Construction Inc		Joao & Bradley Construction Co., Inc.		Wexcon, Inc.	
Number	**Description**	**Quantity**	**Unit of Measure**	**Unit Cost**	**Extension**	**Unit Cost**	**Extension**	**Unit Cost**	**Extension**
GENERAL									
1	MOBILIZATION & PROJECT MANAGEMENT								
2	EROSION AND SEDIMENTATION CONTROL								
3	TRAFFIC MAINTENANCE AND PROTECTION								
4	BYPASS PUMPING								
SEWER PIPE, APPURTENANCES AND RELATED WORK									
5	8" PVC SEWER PIPE INSTALLATION								
6	10" PVC SEWER PIPE INSTALLATION								
7	12" PVC SEWER PIPE INSTALLATION								
8	15" PVC SEWER PIPE INSTALLATION								
9	18" PVC SEWER PIPE INSTALLATION								
10	24" PVC SEWER PIPE INSTALLATION								
11	30" SLCPP SEWER PIPE INSTALLATION								
12	36" SLCPP SEWER PIPE INSTALLATION								
13	48" SLCPP SEWER PIPE INSTALLATION								
14	SEWER PIPE ABANDONMENT - FLOWABLE FILL TYPE A OR B								
15	8" SEWER RECONNECTION								
16	10" SEWER RECONNECTION								
17	12" SEWER RECONNECTION								
18	15" SEWER RECONNECTION								
19	18" SEWER RECONNECTION								
20	24" SEWER RECONNECTION								
21	30" SEWER RECONNECTION								
22	36" SEWER RECONNECTION								
23	48" SEWER RECONNECTION								
24	8" RECONNECTION TO EXISTING MANHOLE								
25	10" RECONNECTION TO EXISTING MANHOLE								
26	12" RECONNECTION TO EXISTING MANHOLE								
27	12" RECONNECTION TO EXISTING INLET								
28	4" AND 6" SEWER LATERAL RECONNECTIONS								
29	6" ADDITIONAL SEWER LATERAL REPLACEMENT								
30	6" SEWER LATERAL VERTICAL RISER								

Ex. 4 CBI

Number	Description	Quantity	Unit of Measure
31	LATERAL CLEAN OUT	18	EA.
32	36" GEOPOLYMER LINING	69	L.F.
33	8" CURED-IN-PLACE PIPE LINING	594	L.F.
34	10" CURED-IN-PLACE PIPE LINING	647	L.F.
35	12" CURED-IN-PLACE PIPE LINING	1,952	L.F.
36	15" CURED-IN-PLACE PIPE LINING	1,150	L.F.
37	18" CURED-IN-PLACE PIPE LINING	467	L.F.
38	24" CURED-IN-PLACE PIPE LINING	1,860	L.F.
39	30" CURED-IN-PLACE PIPE LINING	2,261	L.F.
40	36" CURED-IN-PLACE PIPE LINING	3,647	L.F.
41	GRINDING/CUTTING OF EXISTING LATERALS	108	EA.
42	CIPP LATERAL REINSTATEMENT	444	EA.
43	SEALING OF LATERAL CONNECTIONS	42	EA.
SEWER MANHOLES, STORM INLETS, APPURTENANCES AND RELATED WORK			
44	INSIDE DROP - 8" SEWER MAIN	1	EA.
45	MANHOLE SSMH-006138 REPLACEMENT	1	EA.
46	MANHOLE SSMH-001074 REPLACEMENT	1	EA.
47	MANHOLE SSMH-004237 REPLACEMENT	1	EA.
48	MANHOLE SSMH-003549 REPLACEMENT	1	EA.
49	MANHOLE SSMH-006119 REHABILITATION	1	EA.
50	BURIED MANHOLE ABANDONMENT	4	EA.
51	MANHOLE SSMH-004215 INSTALLATION	1	EA.
52	MANHOLE SSMH-004216 INSTALLATION	1	EA.
53	MANHOLE SSMH-001616 REPLACEMENT	1	EA.
54	MANHOLE SSMH-004225 INSTALLATION	1	EA.
55	MANHOLE SSMH-004226 INSTALLATION	1	EA.
56	MANHOLE SSMH-001568 REPLACEMENT	1	EA.
57	MANHOLE SSMH-004212 INSTALLATION	1	EA.
58	MANHOLE SSMH-001990 ABANDONMENT	1	EA.
59	MANHOLE SSMH-001988 REPLACEMENT	1	EA.
60	MANHOLE SSMH-002059 REPLACEMENT	1	EA.
61	MANHOLE SSMH-002120 REHABILITATION	1	EA.
62	MANHOLE SSMH-002118 REPLACEMENT	1	EA.
63	MANHOLE SSMH-002042 REPLACEMENT	1	EA.
64	MANHOLE SSMH-002139 REHABILITATION	1	EA.
65	MANHOLE SSMH-000581 REHABILITATION	1	EA.
66	MANHOLE SSMH-003165 REHABILITATION	1	EA.

Ex. 4 CBI

Number	Description	Quantity	Unit of Measure
67	MANHOLE SSMH-002183 REHABILITATION	1	EA.
68	MANHOLE SSMH-002488 REHABILITATION	1	EA.
69	MANHOLE SSMH-002489 REHABILITATION	1	EA.
70	MANHOLE SSMH-004213 INSTALLATION	1	EA.
71	MANHOLE SSMH-004214 INSTALLATION	1	EA.
72	MANHOLE SSMH-002469 REPLACEMENT	1	EA.
73	MANHOLE SSMH-002468 REPLACEMENT	1	EA.
74	MANHOLE SSMH-002462 REPLACEMENT	1	EA.
75	MANHOLE SSMH-002397 REPLACEMENT	1	EA.
76	MANHOLE SSMH-002398 REPLACEMENT	1	EA.
77	MANHOLE SSMH-002400 INSTALLATION	1	EA.
78	MANHOLE SSMH-002400 ABANDONMENT	1	EA.
79	MANHOLE SSMH-004211 INSTALLATION	1	EA.
80	MANHOLE SSMH-006025 INSTALLATION	1	EA.
81	MANHOLE SSMH-002412 REPLACEMENT	1	EA.
82	MANHOLE SSMH-002405 REPLACEMENT	1	EA.
83	MANHOLE SSMH-002369 ABANDONMENT	1	EA.
84	MANHOLE SSMH-002305 REHABILITATION	1	EA.
85	MANHOLE SSMH-003431 ABANDONMENT	1	EA.
86	MANHOLE SSMH-003431 INSTALLATION	1	EA.
87	MANHOLE SSMH-002848 REHABILITATION	1	EA.
88	MANHOLE SSMH-002849 REHABILITATION	1	EA.
89	MANHOLE SSMH-006073 REHABILITATION	1	EA.
90	MANHOLE SSMH-000525 REHABILITATION	1	EA.
91	MANHOLE SSMH-000528 REPAIR	1	EA.
92	MANHOLE SSMH-000541 REHABILITATION	1	EA.
93	MANHOLE SSMH-002874 REHABILITATION	1	EA.
94	MANHOLE SSMH-000546 REHABILITATION	1	EA.
95	MANHOLE SWMH-000655 REPLACEMENT	1	EA.
96	MANHOLE SSMH-000547 REPLACEMENT	1	EA.
97	MANHOLE SSMH-000551 REPLACEMENT	1	EA.
98	MANHOLE SSMH-000613 REPLACEMENT	1	EA.
99	MANHOLE SSMH-000612 REPLACEMENT	1	EA.
100	MANHOLE SSMH-000609 REPLACEMENT	1	EA.
101	MANHOLE SSMH-004228 INSTALLATION	1	EA.
102	MANHOLE SSMH-004227 INSTALLATION	1	EA.
103	MANHOLE SSMH-002873 REHABILITATION	1	EA.

Ex. 4 CBI

Number	Description	Quantity	Unit of Measure
104	MANHOLE SSMH-000640 REPLACEMENT	1	EA.
105	MANHOLE SSMH-000641 REHABILITATION	1	EA.
106	MANHOLE SSMH-000587 REPLACEMENT	1	EA.
107	MANHOLE SSMH-004230 INSTALLATION	1	EA.
108	MANHOLE SSMH-000642 REPLACEMENT	1	EA.
109	MANHOLE SSMH-004229 INSTALLATION	1	EA.
110	MANHOLE SSMH-001480 REHABILITATION	1	EA.
111	MANHOLE SSMH-001481 REHABILITATION	1	EA.
112	MANHOLE SSMH-004231 INSTALLATION	1	EA.
113	MANHOLE SSMH-001678 REHABILITATION	1	EA.
114	MANHOLE SSMH-004232 INSTALLATION	1	EA.
115	MANHOLE SSMH-004233 INSTALLATION	1	EA.
116	MANHOLE SSMH-004314 REHABILITATION	1	EA.
117	MANHOLE SSMH-001830 REHABILITATION	1	EA.
118	MANHOLE SSMH-001829 REHABILITATION	1	EA.
119	MANHOLE SSMH-001742 REPLACEMENT	1	EA.
120	MANHOLE SSMH-001691 REPLACEMENT	1	EA.
121	MANHOLE SSMH-001831 REHABILITATION	1	EA.
122	MANHOLE SSMH-001832 REHABILITATION	1	EA.
123	MANHOLE SSMH-001936 REHABILITATION	1	EA.
124	MANHOLE SSMH-001978 REHABILITATION	1	EA.
125	MANHOLE SWMH-000381 REHABILITATION	1	EA.
126	MANHOLE SWMH-000380 REHABILITATION	1	EA.
127	MANHOLE SWMH-005917 REHABILITATION	1	EA.
128	MANHOLE SSMH-001833 REPLACEMENT	1	EA.
129	MANHOLE SWMH-000379 REPLACEMENT	1	EA.
130	MANHOLE SSMH-004234 INSTALLATION	1	EA.
131	MANHOLE SSMH-004236 INSTALLATION	1	EA.
132	MANHOLE SWMH-004237 INSTALLATION	1	EA.
133	MANHOLE SSMH-004240 GRADE ADJUSTMENT AND FRAME & COVER REPLACEMENT	1	EA.
134	STORM SEWER INLET REPLACEMENT - TYPE M	74	EA.
135	STORM SEWER INLET REPLACEMENT- TYPE C	26	EA.
136	STORM SEWER INLET TOP REPLACEMENT- TYPE M	1	EA.
137	STORM SEWER INLET TOP REPLACEMENT- TYPE C	2	EA.
138	REPOINT EXISTING BRICK STORM SEWER INLET	3	EA.

Ex. 4 CBI

Number	Description	Quantity	Unit o Measu
SURFACING / RESTORATION			
139	ADA RAMP REPLACEMENT	3	EA.
140	CONCRETE CURB RESTORATION	575	L.F.
141	CONCRETE SIDEWALK RESTORATION	1,184	S.F.
142	GRANITE CURB RESTORATION	40	L.F.
143	TEMPORARY PAVING SURFACE RESTORATION	3,817	S.Y.
144	2" MILLING	4,277	S.Y.
145	MUNICIPAL HMA - WEARING COURSE PAVEMENT RESTORATION (S-3.01)	2,856	S.Y.
146	MUNICIPAL HMA - BASE COURSE PAVEMENT RESTORATION (S-3.01)	2,856	S.Y.
147	S.R. 0230 HMA - WEARING COURSE PAVEMENT RESTORATION (S-4.01)	27	S.Y.
148	S.R. 0230 HMA - BASE & BINDER COURSE PAVEMENT RESTORATION (S-4.01)	27	S.Y.
149	S.R. 3012 HMA - WEARING COURSE PAVEMENT RESTORATION (S-4.02)	1,023	S.Y.
150	S.R. 3012 HMA - BASE & BINDER COURSE PAVEMENT RESTORATION (S-4.02)	353	S.Y.
151	S.R. 3014 HMA - WEARING COURSE PAVEMENT RESTORATION (S-4.03)	1,917	S.Y.
152	S.R. 3014 HMA - BASE & BINDER COURSE PAVEMENT RESTORATION (S-4.03)	224	S.Y.
153	S.R. 3014 HMA - WEARING COURSE PAVEMENT RESTORATION (S-4.04)	672	S.Y.
154	S.R. 3014 HMA - BASE & BINDER COURSE PAVEMENT RESTORATION (S-4.04)	144	S.Y.
155	S.R. 3016 HMA - WEARING COURSE PAVEMENT RESTORATION (S-4.05)	665	S.Y.
156	S.R. 3016 HMA - BASE & BINDER COURSE PAVEMENT RESTORATION (S-4.05)	213	S.Y.
MISELLANEOUS			
157	CLAY DIKE	5	EA.
158	DYE TESTING	5	EA.
159	FABRICATED 316SS HALF WALL	1	EA.
160	STATE STREET WATER VALVE CHAMBER REPAIR	1	EA.
161	UNSUITABLE SUBGRADE BEARING MATERIAL REPLACEMENT	100	C.Y.
162	ADDITIONAL UNCLASSIFIED EXCAVATION	100	C.Y.
163	ADDITIONAL AGGREGATE BACKFILL	100	TON
164	MISCELLANEOUS CONCRETE INSTALLATION	100	C.Y.
	TOTAL		

Ex. 4 CBI

I HEREBY CERTIFY THAT THIS IS A TRUE AND CORRECT TABULATION OF BIDS RECEIVED THURSDAY, JULY 8, 2021 @ 10:00AM

Matthew D. Cichy

Matthew D. Cichy, P.E.
HERBERT, ROWLAND & GRUBIC, INC.

COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL
MATTHEW DAVID CICHY
ENGINEER
PE074220