January 18, 2018

TO THE BOARD OF PUBLIC WORKS CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 11 to C.D. Smith Construction, Inc., 889 E. Johnson St., Fond Du Lac, WI 54935 for Wastewater Treatment Plant Improvements - **Phase 2 -** FINAL

Contract No. 3905

4/21/2015

\$3,094,000.00

Item No	Description	Amount
1	Retainage	\$0.00
2	Mobilization	\$38,000.00
3	Bond	\$26,000.00
4	Allowances	\$113,000.00
5	Material Testing	\$3,500.00
6	General Conditions	\$29,125.00
7	Equipment	\$20,000.00
8	Earthwork	\$49,000.00
9	Landscaping	\$5,200.00
10	Asphalt	\$12,500.00
11	Demolition & Removal	\$397,000.00
12	Concrete Materials	\$195,000.00
13	Concrete Labor	\$260,000.00
14	Precast Materials	\$26,000.00
15	Precast Erection	\$12,000.00
16	Masonry Materials	\$26,000.00
17	Masonry Labor	\$45,814.00
18	Roofing	\$30,000.00
19	Misc Metals/Steel Materials	\$275,000.00
20	Misc Metals/Steel Labor	\$20,000.00
21	Caulking	\$4,000.00
22	Doors/Frames/Hardware	\$8,500.00
23	OH Doors	\$3,350.00
24	Insulated Metal Panels	\$12,756.00
25	Painting	\$10,000.00
26	Parshall Flume	\$7,500.00
27	Misc SpecialTies	\$1,265.00
28	UV Equipment	\$573,000.00
29	HVAC/Plumbing	\$0.00

30	Mobilization	\$25,250.00	
31	Underground	\$0.00	
32	Demo & Cap 4"W3-Mat	\$300.00	
33	Demo & Cap 4" W3-Lab	\$4,500.00	
34	Line 1-4" DIP Storm-Mat	\$2,700.00	
35	Line 1-4" DIP Storm-Lab	\$3,200.00	
36	Line 2-4" DIP Sanitary-Mat	\$4,700.00	
37	Line 2-4" DIP Sanitary-Lab	\$4,500.00	
38	Line 3-2" HDPE Gas-Mat	\$900.00	
39	Line 3-2" HDPE Gas-Lab	\$3,400.00	
40	Line 4-1.5" Copper W1-Mat	\$5,000.00	
41	Line 4-1.5" Copper W1-Lab	\$7,700.00	
42	Line 5-4" DIP W3-Mat	\$12,200.00	
43	Line 5-4" DIP W3-Lab	\$10,900.00	
44	Process Work	\$0.00	
45	Effluent By-Pass-Mat	\$5,500.00	
46	Effluent By-Pass-Lab	\$6,700.00	
47	S.Influent By-Pass-Mat	\$2,200.00	
48	S.Influent By-Pass-Lab	\$6,700.00	
49	N.Influent By-Pass-Mat	\$2,200.00	
50	N.Influent By-Pass-Lab	\$6,700.00	
51	W.Influent By-Pass-Mat	\$4,300.00	
52	W.Influent By-Pass-Lab	\$5,500.00	
53	Demo Blower-Lab	\$400.00	
54	Remove Aeration Grid-Lab	\$2,100.00	
55	Remove & Jet Drain-Mat	\$500.00	
56	Remove & Jet Drain-Lab	\$1,500.00	
57	Demo Mud Valve-Lab	\$300.00	
58	Inspect Floor Prvs-Lab	\$1,300.00	
59	Reinstall Aeration Grid-Mat	\$3,000.00	
60	Reinstall Aeration Grid-Lab	\$5,300.00	
61	Demo Temp Aeration-Lab	\$1,400.00	
62	Relocate Sampler-Lab	\$400.00	
63	4" Tank Drain-Mat	\$5,300.00	
64	4" Tank Drain-Lab	\$4,100.00	
65	60" X 72" Gates-Mat	\$106,600.00	
66	60" X 72" Gates-Lab	\$8,400.00	
67	6"X6"X11'-2" Gate-Mat	\$5,000.00	
68	6"X6"X11'-2" Gate-Lab	\$400.00	
69	Frp Stop Gate-Mat	\$1,100.00	
70	Frp Stop Gate-Lab	\$700.00	
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71	Blowers-Mat	\$91,300.00	
72	Blowers-Lab	\$2,100.00	
73	Aeration-Mat	\$14,800.00	
74	Aeration-Lab	\$11,300.00	
75	UV System-Mat	\$200.00	
76	UV System-Lab	\$2,800.00	
77	Parshall Flume-Mat	\$7,800.00	
78	Parshall Flume-Lab	\$800.00	
79	Sample Pipe-4"PVC-Mat	\$200.00	
80	Sample Pipe-4"PVC-Lab	\$1,700.00	
81	ALP- 8"-Mat	\$21,400.00	
82	ALP - 8"-Lab	\$23,500.00	
83	Floor Prvs-Mat	\$2,000.00	
84	Floor Prvs-Lab	\$6,500.00	
85	Mud Valves-Mat	\$6,700.00	
. 86	Mud Valves-Lab	\$2,300.00	
87	Building Plumbing	\$0.00	
88	DWV-Mat	\$1,200.00	
89	DWV-Lab	\$1,600.00	
90	RD Piping-4"PVC-Mat	\$2,200.00	
91	RD Piping-4"PVC-Lab	\$1,600.00	
92	W1 Piping-Mat	\$2,000.00	
93	W1 Piping-Lab	\$1,400.00	
94	FD/FCO In Bldg-Mat	\$700.00	
95	FD/FCO In Bldg-Lab	\$800.00	
96	Fixtures-Mat	\$1,250.00	
97	Fixtures-Lab	\$300.00	
98	Building Hvac	\$0.00	
99	Gas Piping-Mat	\$500.00	
100	Gas Piping-Lab	\$1,700.00	
101	Gas Unit Heater-Mat	\$1,500.00	
102	Gas Unit Heater-Lab	\$600.00	
103	Electric Heater-Mat	\$500.00	
104	Electric Heater-Lab	\$200.00	
105	Exhaust Fans-Mat	\$5,900.00	
106	Exhaust Fans-Lab	\$1,600.00	
107	Duct & Fittings-Mat	\$3,900.00	
108	Duct & Fittings-Lab	\$1,100.00	
109	Dampers-Mat	\$2,600.00	
110	Dampers-Lab	\$1,000.00	
111	Louvers-Mat	\$1,400.00	

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112	Louvers-Lab	\$1,200.00
113	Electrical	\$0.00
114	LW Allen	\$164,000.00
115	SQD Equipment	\$15,600.00
116	Simplex Equipment	\$3,312.00
117	Duct Bank	\$40,000.00
118	Rough In Piping In All Devices	\$80,000.00
119	Pull Wire	\$45,000.00
120	Final Termination Of All	\$10,000.00
121	MCC-1 Installation	\$15,000.00
122	SCC-1 Installation	\$5,000.00
123	Stands/Brackets	\$7,578.00
124	Change Order #1	\$0.00
125	Valve & Slide Gate Changes	\$1,683.00
126	W1 Piping Material Change	-\$1,270.00
127	Diversion Channel Wall	\$5,075.00
128	Weir Trough Beam Mat Change	\$674.00
129	Delete Portion of Handrail	-\$6,178.00
130	Adj to Proj Contingency Allowance	-\$40,000.00
131	Unsuitable Mat for Structure Allowance	-\$10,000.00
132	Unsuitable Mat for Trenches Allowance	-\$2,500.00
133	Top of Wall Repair Allow Adj	-\$17,500.00
134	Vert Surface/Underside Repair	-\$25,000.00
135	Concrete Spec Crack Repair Allowance	-\$18,000.00
	Subtotal	\$2,980,984.00
	Less Retainage	\$0.00
	Total	\$2,980,984.00
	Less Amount Previously Paid	\$2,916,520.00
	Total Amount Due	\$64,464.00

This estimate has been checked by the Engineering Department and we recommend that the above amount of \$64,464.00 be allowed.

Respectfully Submitted,

Fred V. Abadi, PhD., P.E.

Director of Public Works