

April 17, 2014

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 2 to Advance Construction, Inc., 2141 Woodale Ave., Green Bay, WI 54313 for Clinton Street Utility and Street Improvements.

Contract No. 3850

2/4/2014

\$ 1,554,192.25

Item No	Quantity	Description		Cost	Per Unit	Amount
1	100	24-Inch Ductile Iron Water Main and Fittings	@	\$413.00	Lin. Ft.	\$41,300.00
2	150	16-Inch Ductile Iron Water Main and Fittings	@	\$314.00	Lin. Ft.	\$47,100.00
3	100	12-Inch Water Main and Fittings	@	\$155.00	Lin. Ft.	\$15,500.00
4	200	12-Inch Water Main and Fittings, Station 14+65 to 16+72	@	\$210.00	Lin. Ft.	\$42,000.00
5	1	Furnish and Install 24-Inch Butterfly Valves	@	\$5,190.00	Each	\$5,190.00
6	1	Furnish and Install 16-Inch Butterfly Valves	@	\$2,630.00	Each	\$2,630.00
7	2	Furnish and Install 12-Inch Butterfly Valves	@	\$1,500.00	Each	\$3,000.00
8	1	Furnish and Install Hydrant Assembly	@	\$7,320.00	Each	\$7,320.00
9	0	Connect Copper Service Lateral (SL1)	@	\$3,300.00	Each	\$0.00
10	0	Connect 1-Inch Copper Service Lateral (SL2)	@	\$1,970.00	Each	\$0.00
11	0	Connect 1¼-Inch Copper Service Lateral (SL3)	@	\$3,500.00	Each	\$0.00
12	0	Connect 1 ½-Inch Copper Service Lateral (SL4)	@	\$3,600.00	Each	\$0.00
13	0	Connect 2-Inch Service Lateral (SL5)	@	\$3,700.00	Each	\$0.00
14	0	Connect 6-Inch Service Lateral (SL6)	@	\$6,284.00	Each	\$0.00
15	0	Meter Pit Abandonment	@	\$2,000.00	Each	\$0.00
16	0	Abandon Existing Hydrants	@	\$600.00	Each	\$0.00
17	0	Abandon Valve Boxes & Manholes	@	\$3,000.00	Lump Sum	\$0.00
18	340	8-Inch Sanitary Sewer (PVC)	@	\$130.00	Lin. Ft.	\$44,200.00
19	70	15-Inch Sanitary Sewer (PVC)	@	\$220.00	Lin. Ft.	\$15,400.00
20	20	5- 48" Diameter Manhole	@	\$305.00	Vert. Ft.	\$6,100.00
21	50	17 - 6" Sanitary Laterals (PVC)	@	\$180.00	Lin. Ft.	\$9,000.00
22	0	12-Inch Storm Sewer (RCSP)	@	\$117.00	Lin. Ft.	\$0.00
23	0	Convert Manhole to Storm Inlet	@	\$1,500.00	Each	\$0.00
24	0	6 Standard Storm Inlets	@	\$330.00	Vert. Ft.	\$0.00
25	0	Chimney Replacement	@	\$900.00	Vert. Ft.	\$0.00
26	0	Storm Inlet Repair	@	\$800.00	Vert. Ft.	\$0.00
27	0	Main Line Sewer Televising	@	\$1.75	Lin. Ft.	\$0.00
28	0	Lateral Televising	@	\$295.00	Each	\$0.00
29	0	Slurry Backfill	@	\$110.00	Cu. Yd.	\$0.00
30	50	Clearing and Grubbing	@	\$25.00	Inch Dia.	\$1,250.00
31	500	Concrete Curb and Gutter Removal	@	\$5.00	Lin. Ft.	\$2,500.00
32	1,000	Pavement Removal	@	\$5.50	Sq. Yd.	\$5,500.00
33	0	Sawcutting at Pavement Limits	@	\$2.50	Lin. Ft.	\$0.00
34	500	1¼-Inch Dense Aggregate	@	\$10.50	Per Ton	\$5,250.00
35	0	1¼-Inch Crushed Stone Backfill (Includes Undercut)	@	\$13.50	Per Ton	\$0.00
36	0	3-Inch Crushed Stone Backfill (Includes Undercut)	@	\$13.50	Per Ton	\$0.00
37	0	Geotextile Fabric, Type SAS	@	\$2.00	Sq. Yd.	\$0.00
38	0.2	Traffic Control	@	\$50,000.00	Lump Sum	\$10,000.00
39	0	Shaping and Grading Roadway Base	@	\$10.00	Lin. Ft.	\$0.00

40	0	Walk and Approach Removal	@	\$0.50	Sq. Ft.	\$0.00
41	1	Temporary Lighting	@	\$4,655.20	Lump Sum	\$4,655.20
42	0	Non Metallic Conduit, Street Light, Polyethylene Duct, 2-Inch	@	\$4.06	Lin. Ft.	\$0.00
43	0	Street Light Pull Boxes, 15-Inch x 30-Inch	@	\$512.46	Each	\$0.00
44	0	Street Light Pull Boxes, 24-Inch x 36-Inch	@	\$632.49	Each	\$0.00
45	0	Concrete Bases, Tear Drop	@	\$679.94	Each	\$0.00
46	0	Concrete Bases, Post Top	@	\$536.87	Each	\$0.00
47	0	Electrical Wire 6 AWG	@	\$1.02	Lin. Ft.	\$0.00
48	0	Electrical Wire 4 AWG	@	\$1.33	Lin. Ft.	\$0.00
49	0	Electrical Wire 2 AWG	@	\$1.99	Lin. Ft.	\$0.00
50	0	30-Inch Combination Concrete Curb and Gutter	@	\$17.50	Lin. Ft.	\$0.00
51	0	18-Inch Combination Concrete Curb and Gutter	@	\$22.00	Lin. Ft.	\$0.00
52	0	Concrete Curb and Gutter Removal and Replacement	@	\$28.00	Lin. Ft.	\$0.00
53	0	New 3-Inch Concrete Bands Around Existing Trees	@	\$4.00	Vert. Ft.	\$0.00
54	0	New 4-Inch Concrete Walk and Curb Ramps	@	\$5.25	Vert. Ft.	\$0.00
55	0	New 6-Inch Concrete Walk and Drive Approach	@	\$5.55	Vert. Ft.	\$0.00
56	0	New 7-Inch Concrete Walk and Drive Approach	@	\$5.70	Vert. Ft.	\$0.00
57	0	Bituminous Set Concrete Paver Paving, 80 mm	@	\$18.35	Vert. Ft.	\$0.00
58	0	Salvage and Reset Brick Pavers	@	\$11.00	Vert. Ft.	\$0.00
59	0	Paver Grate with Tree Ring (4' x 4')	@	\$1,800.00	Each	\$0.00
60	0	Structural Soil	@	\$55.00	Cu. Yd.	\$0.00
61	0	Detectable Warning Surface	@	\$30.00	Sq. Ft.	\$0.00
62	0	Pavement Milling	@	\$8.00	Sq. Ft.	\$0.00
63	0	HMA Pavement, 19.0 mm, Type E-3, PG 58-28	@	\$55.27	Per Ton	\$0.00
64	0	HMA Pavement, 12.5 mm, Type E-3, PG 58-28	@	\$59.70	Per Ton	\$0.00
65	0	HMA Pavement, 9.5 mm, Type E-3, PG 58-28	@	\$64.79	Per Ton	\$0.00
66	0	4-Inch HMA Pavement	@	\$5.60	Sq. Ft.	\$0.00
67	0	HMA Pavement Patching, Temporary, 2-Inch	@	\$118.00	Per Ton	\$0.00
68	0	HMA Pavement Patching, Permanent, 6-Inch	@	\$106.00	Per Ton	\$0.00
69	0	Grooved in Place Pavement Markings, Yellow, Preformed Plastic, 4-Inch	@	\$4.05	Lin. Ft.	\$0.00
70	0	Grooved in Place Pavement Markings, White, Preformed Thermoplastic, 6-Inch	@	\$8.00	Lin. Ft.	\$0.00
71	0	Grooved in Place Pavement Markings, White, Preformed Plastic, 8-Inch	@	\$7.60	Lin. Ft.	\$0.00
72	0	Grooved in Place Pavement Markings, White, Preformed Thermoplastic, 12-Inch	@	\$9.95	Lin. Ft.	\$0.00
73	0	Grooved in Place Pavement Markings, White, Preformed Thermoplastic, 18-Inch	@	\$19.10	Lin. Ft.	\$0.00
74	0	Grooved in Place Pavement Markings, Arrows, Type 2, White, Preformed Plastic	@	\$325.00	Each	\$0.00
75	0	Grooved in Place Pavement Markings, Words, Only, White, Preformed Plastic	@	\$510.00	Each	\$0.00
76	0	Grooved in Place Pavement markings, White, Yield Line	@	\$27.00	Lin. Ft.	\$0.00
77	0	Valve Box Adjustments	@	\$100.00	Each	\$0.00
78	0	Manhole Adjustments	@	\$500.00	Each	\$0.00
79	0	Topsoil and Sod (Includes Stripping)	@	\$14.00	Sq. Ft.	\$0.00
80	0	Silt Fence, Delivered, Installed and Maintained	@	\$3.00	Lin. Ft.	\$0.00
81	0	Straw Bales Delivered, Installed and Maintained	@	\$10.00	Each	\$0.00
82	0	Filter Fabric Inlet Protection	@	\$50.00	Each	\$0.00

83	0	Extra Bags of Cement for High-Early-Strength Concrete	@	\$15.00	Each	\$0.00
84	0	Conduit Rigid Nonmetallic Schedule 40 2-Inch (WisDOT Pay Item 652.0225)	@	\$3.79	Lin. Ft.	\$0.00
85	0	Conduit Rigid Nonmetallic Schedule 40 3-Inch (WisDOT Pay Item 652.0235)	@	\$4.61	Lin. Ft.	\$0.00
86	0	Pull Boxes Steel 24x42-Inch (WisDOT Pay Item 653.0140)	@	\$667.71	Each	\$0.00
87	0	Concrete Bases Type 1 (WisDOT Pay Item 654.0101)	@	\$512.64	Each	\$0.00
88	0	Concrete Bases Type 2 (WisDOT Pay Item 654.0102)	@	\$700.83	Each	\$0.00
89	0	Concrete Control Cabinet Base Type 9 Special (Clinton & Broadway) - WisDOT Pay Item 652.0217	@	\$1,221.74	Each	\$0.00
90	0	Cable Traffic Signal 7-14 AWG (WisDOT Pay Item 655.0240)	@	\$0.90	Lin. Ft.	\$0.00
91	0	Cable Traffic Signal 12-14 AWG (WisDOT Pay Item 655.0260)	@	\$1.47	Lin. Ft.	\$0.00
92	0	Cable Type UF 2-12 AWG Grounded (WisDOT Pay Item 655.0305)	@	\$0.84	Lin. Ft.	\$0.00
93	0	Electrical Wire Traffic Signals 10 AWG (WisDOT Pay Item 655.0515)	@	\$0.53	Lin. Ft.	\$0.00
94	0	Electrical Wire Lighting 12 AWG (WisDOT Pay Item 655.0610)	@	\$0.46	Lin. Ft.	\$0.00
95	0	Electrical Service Meter Breaker Pedestal (Clinton & Broadway) - WisDOT Pay Item 656.0200.01	@	\$799.18	Lump Sum	\$0.00
96	0	Electrical Service Meter Breaker Pedestal (Clinton & Main) - WisDOT Pay Item 656.0200.02	@	\$799.18	Lump Sum	\$0.00
97	0	Pedestal Bases (WisDOT Pay Item 657.0100)	@	\$232.51	Each	\$0.00
98	0	Transformer Bases Breakaway 11 1/2 Inch Bolt Circle (WisDOT Pay Item 657.0255)	@	\$317.94	Each	\$0.00
99	0	Poles Type 2 (WisDOT Pay Item 657.0305)	@	\$1,249.11	Each	\$0.00
100	0	Poles Type 4 (WisDOT Pay Item 657.0315)	@	\$1,305.73	Each	\$0.00
101	0	Traffic Signal Standards Aluminum 13-Ft (WisDOT Pay Item 657.0420)	@	\$548.66	Each	\$0.00
102	0	Traffic Signal Standards Aluminum 15-Ft (WisDOT Pay Item 657.0425)	@	\$593.26	Each	\$0.00
103	0	Traffic Signal Standards Aluminum 10-Ft (WisDOT Pay Item 657.0430)	@	\$481.74	Each	\$0.00
104	0	Traffic Signal Faces 3-12 Inch Vertical (WisDOT Pay Item 658.0110)	@	\$217.49	Each	\$0.00
105	0	Traffic Signal Faces 4-12 Inch Vertical (WisDOT Pay Item 658.0115)	@	\$345.87	Each	\$0.00
106	0	Backplates 3 Section 12 Inch (WisDOT Pay Item 658.0115)	@	\$56.73	Each	\$0.00
107	0	Backplates 4 Section 12 Inch (WisDOT Pay Item 658.0215)	@	\$62.31	Each	\$0.00
108	0	Pedestrian Signal Face 16-Inch (WisDOT Pay Item 658.0416)	@	\$395.14	Each	\$0.00
109	0	Trombone Arms 20 Foot (WisDOT Pay Item 658.0590)	@	\$1,106.27	Each	\$0.00
110	0	LED Modules 12-Inch Red Ball (WisDOT Pay Item 658.0600)	@	\$37.55	Each	\$0.00
111	0	LED Modules 12-Inch Yellow Ball (WisDOT Pay Item 658.0605)	@	\$38.66	Each	\$0.00

112	0	LED Modules 12-Inch Green Ball (WisDOT Pay Item 658.0610)	@	\$39.78	Each	\$0.00
113	0	LED Modules 12-Inch Green Arrow (WisDOT Pay Item 658.0625)	@	\$38.66	Each	\$0.00
114	0	Signal Mounting Hardward (Clinton & Broadway) - WisDOT Pay Item 658.5069.01	@	\$2,314.09	Lump Sum	\$0.00
115	0	Signal Mounting Hardward (Clinton & Main) - WisDOT Pay Item 658.5069.02	@	\$1,561.31	Lump Sum	\$0.00
116	0	Concrete Control Cabinet Base Type 7 Modified (Clinton & Main)	@	\$1,221.74	Each	\$0.00
117	0	Traffic signal Controller and Cabinet, 8 Phase Fully Actuated (Clinton & Broadway)	@	\$15,690.42	Each	\$0.00
118	0	Traffic signal Controller and Cabinet, 8 Phase Fully Actuated (Clinton & Main)	@	\$12,974.85	Each	\$0.00
119	0	Pedestrian Push Buttons Special	@	\$874.26	Each	\$0.00
120	0	Video Monitor (Clinton & Broadway and Clinton & Main)	@	\$436.05	Each	\$0.00
121	0	Steel Bollard, Black, 4-Inch Diameter	@	\$500.00	Each	\$0.00
122	0	Remove and Salvage Existing Traffic Signal and Street Lighting Equipment	@	\$4,705.80	Lump Sum	\$0.00
123	0	Video Vehicle Detection System (Clinton & Broadway)	@	\$23,879.76	Lump Sum	\$0.00
124	0	Video Vehicle Detection System (Clinton & Main)	@	\$20,633.16	Lump Sum	\$0.00
125	0	Emergency Vehicle Preemption Detection System (Clinton & Broadway)	@	\$8,652.26	Lump Sum	\$0.00
126	0	Emergency Vehicle Preemption Detection System (Clinton & Main)	@	\$11,267.61	Lump Sum	\$0.00
127	0	Remove and Reinstall Existing Decorative Parking Signs	@	\$1,500.00	Each	\$0.00
Subtotal						\$267,895.20
Total						\$13,394.76
Less Amount Previously Paid						\$254,500.44
Total Amount Due						\$70,333.44
						\$184,167.00

This estimate has been checked by the Engineering Department and we recommend that the above amount of \$184,167.00 be allowed.

Respectfully Submitted,



Fred V. Abadi, Ph.D., P.E.
Director of Public Works