

June 23, 2016

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 7 to Advance Construction, Inc. 2141 Woodale Ave., Green Bay 54313, for West Main Street Utility and Street Improvements - **Concrete**.

Contract No. 3932

2/2/2016

\$ 2,498,614.58

No	Quantity	Description		Cost	Per Unit	Amount
1	977	Lin. Ft. of 24-Inch Water Main and Fittings	@	\$295.00	Lin. Ft.	\$288,215.00
2	123	Lin. Ft. of 16-Inch Water Main and Fittings	@	\$300.00	Lin. Ft.	\$36,900.00
3	235	Lin. Ft. of 12-Inch Water Main and Fittings	@	\$300.00	Lin. Ft.	\$70,500.00
4	72	Lin. Ft. of 8-Inch Water Main and Fittings	@	\$325.00	Lin. Ft.	\$23,400.00
5	4	Furnish and Install 24-Inch Butterfly Valves	@	\$5,500.00	Each	\$22,000.00
6	1	Furnish and Install 16-Inch Butterfly Valve	@	\$3,000.00	Each	\$3,000.00
7	3	Furnish and Install 12-Inch Gate Valves	@	\$2,500.00	Each	\$7,500.00
8	1	Furnish and Install 8-Inch Gate Valve	@	\$1,500.00	Each	\$1,500.00
9	2	Furnish and Install Hydrant Assembly	@	\$9,300.00	Each	\$18,600.00
10	2	Connect Service Lateral (SL1)	@	\$5,500.00	Each	\$11,000.00
11	2	Connect Service Lateral (SL2)	@	\$5,000.00	Each	\$10,000.00
12	11	Connect Service Lateral (SL3)	@	\$4,000.00	Each	\$44,000.00
13	1	Connect Service Lateral (SL4)	@	\$4,000.00	Each	\$4,000.00
14	1	Connect Service Lateral (SL5)	@	\$6,000.00	Each	\$6,000.00
15	5	Connect Service Lateral (SL6)	@	\$9,500.00	Each	\$47,500.00
16	3	Abandon Existing Hydrant	@	\$2,000.00	Each	\$6,000.00
17	1	Abandon Valve Boxes and Manholes	@	\$3,000.00	Lump Sum	\$3,000.00
18	282	Lin. Ft. of 15-Inch PVC Sanitary Sewer	@	\$355.00	Lin. Ft.	\$100,110.00
19	320	Lin. Ft. of 8-Inch PVC Sanitary Sewer	@	\$345.00	Lin. Ft.	\$110,400.00
20	42.5	Vert. Ft. of 48-Inch Diameter Sanitary Manhole	@	\$415.00	Vert. Ft.	\$17,637.50
21	31	Vert. Ft. of 48-Inch Diameter Sanitary Manhole w/Outside Drop	@	\$480.00	Vert. Ft.	\$14,880.00
22	738	Lin. Ft. of 15-Inch Sanitary Sewer Lining (CIPP)	@	\$41.75	Lin. Ft.	\$30,811.50
23	0	Vert. Ft. of Sanitary Manhole Rehabilitation	@	\$132.00	Vert. Ft.	\$0.00
24	4	Chimney Replacement, Sanitary	@	\$1,000.00	Each	\$4,000.00
25	21	Chimney Replacement, Storm	@	\$1,000.00	Each	\$21,000.00
26	0	Sanitary Sewer Chimney Seals	@	\$390.00	Each	\$0.00
27	88	Pre-Construction Sewer Lateral Televising	@	\$236.00	Each	\$20,768.00
28	20	Sanitary Lateral Reinstatement	@	\$100.00	Each	\$2,000.00
29	23	Sanitary Lateral Cleanout	@	\$1,400.00	Each	\$32,200.00
30	20	Sanitary Lateral Cleaning and Prelining Video Inspection	@	\$262.50	Each	\$5,250.00
31	3.5	Sanitary Lateral Spot Repair	@	\$5,600.00	Each	\$19,600.00
32	18	CIPP Lateral Lining within 20 Ft. of Sewer Main	@	\$3,020.00	Each	\$54,360.00
33	75.5	Lin. Ft. of CIPP Lateral Lining Additional Length over 20 Ft. from Sewer Main	@	\$52.50	Lin. Ft.	\$3,963.75
34	135	Lin. Ft. of 24-Inch Storm Sewer (RCSP)	@	\$125.00	Lin. Ft.	\$16,875.00
35	85	Lin. Ft. of 12-Inch Storm Sewer (RCSP)	@	\$115.00	Lin. Ft.	\$9,775.00
36	1,136	Lin. Ft. of 12-Inch of Storm Sewer Lining (CIPP)	@	\$32.75	Lin. Ft.	\$37,204.00
37	360	Lin. Ft. of 15-Inch Storm Lining (CIPP)	@	\$41.75	Lin. Ft.	\$15,030.00
38	158	Lin. Ft. of 18-Inch Storm Lining (CIPP)	@	\$58.00	Lin. Ft.	\$9,164.00
39	20	Storm Sewer Lateral Reinstallments	@	\$100.00	Each	\$2,000.00

40	110.4	Vert. Ft. of Standard Storm Inlets	@	\$390.00	Vert. Ft.	\$43,056.00
41	0	Vert. Ft. of Storm Manhole Rehabilitation	@	\$103.00	Vert. Ft.	\$0.00
42	0	Lin. Ft. of Prepaving Sanitary and Storm Sewer Televising	@	\$1.85	Lin. Ft.	\$0.00
43	68	Prepaving Sanitary Lateral Televising	@	\$157.50	Each	\$10,710.00
44	0	Cu. Yds. of Slurry Backfill	@	\$80.00	Cu. Yd.	\$0.00
45	500	Lin. Ft. of Frost Removal	@	\$10.00	Lin. Ft.	\$5,000.00
46	248	Clearing and Grubbing	@	\$42.50	Each	\$10,540.00
47	2,500	Lin. Ft. of Concrete Curb and Gutter Removal	@	\$6.00	Lin. Ft.	\$15,000.00
48	4,500	Sq. Yds. of Pavement Removal	@	\$5.50	Sq. Yd.	\$24,750.00
49	0	Lin. Ft. of Sawcutting at Pavement Limits	@	\$2.00	Lin. Ft.	\$0.00
50	3,304	Tons of 1¼-Inch Dense Aggregate	@	\$11.60	Ton	\$38,326.40
51	0	Tons of 1¼-Inch Crushed Stone Backfill (Includes Undercut)	@	\$17.00	Ton	\$0.00
52	0	Tons of 3-Inch Crushed Stone Backfill (Includes Undercut)	@	\$17.00	Ton	\$0.00
53	0	Sq. Yds. of Geotextile Fabric, Type SAS	@	\$2.00	Sq. Yd.	\$0.00
54	0.75	Traffic Control	@	\$34,000.00	Lump Sum	\$25,500.00
55	1,300	Lin. Ft. of Shaping and Grading Roadway Base	@	\$12.50	Lin. Ft.	\$16,250.00
56	25,000	Sq. Ft. of Walk and Approach Removal	@	\$1.05	Sq. Ft.	\$26,250.00
57	70	Lin. Ft. of Non Metallic Conduit, Street Light, Polyethylene Duct, 2-Inch	@	\$6.79	Lin. Ft.	\$475.30
58	3	Concrete Bases, Post Top	@	\$777.31	Each	\$2,331.93
59	213	Lin. Ft. of Electrical Wire 6 AWG	@	\$1.43	Lin. Ft.	\$304.59
60	587	Lin. Ft. of Electrical Wire 4 AWG	@	\$1.94	Lin. Ft.	\$1,138.78
61	426	Lin. Ft. of Electrical Wire 2 AWG	@	\$2.68	Lin. Ft.	\$1,141.68
62	2,118	Lin. Ft. of 30-Inch Combination Concrete Curb and Gutter	@	\$15.00	Lin. Ft.	\$31,770.00
63	300	Lin. Ft. of 18-inch Combination Concrete Curb and Gutter	@	\$25.00	Lin. Ft.	\$7,500.00
64	0	Lin. Ft. of Concrete Curb and Gutter Removal and Replacement	@	\$50.00	Lin. Ft.	\$0.00
65	1,200	Sq. Ft. of New 3-Inch Concrete	@	\$4.00	Sq. Ft.	\$4,800.00
66	9,450	Sq. Ft. of New 4-Inch Concrete Walk and Curb Ramps	@	\$4.75	Sq. Ft.	\$44,887.50
67	200	Sq. Ft. of New 7-Inch Concrete Walk and Drive Approach	@	\$4.90	Sq. Ft.	\$980.00
68	2,000	Sq. Ft. of Bituminous Set Concrete Paver Paving, 80 mm	@	\$20.50	Sq. Ft.	\$41,000.00
69	0	Sq. Ft. of Salvage and Reset Brick Pavers	@	\$12.00	Sq. Ft.	\$0.00
70	18	Paver Grate with Tree Ring (4' x 5')	@	\$3,000.00	Each	\$54,000.00
71	200	Cu. Yds. of Structural Soil	@	\$51.00	Cu. Yd.	\$10,200.00
72	152	Sq. Ft. of Detectable Warning Surface	@	\$40.00	Sq. Ft.	\$6,080.00
73	0	Lin. Ft. of Concrete Curb – Pedestrian	@	\$50.00	Lin. Ft.	\$0.00
74	4,700	Sq. Yds. of 8-Inch Concrete Pavement	@	\$37.00	Sq. Yd.	\$173,900.00
75	0	INTENTIONALLY LEFT BLANK	@			\$0.00
76	0	INTENTIONALLY LEFT BLANK	@			\$0.00
77	0	Sq. Ft. of 5-Inch HMA Blend Area Pavement	@	\$6.50	Sq. Ft.	\$0.00
78	0	Sq. Ft. of 4-Inch HMA Pavement	@	\$10.00	Sq. Ft.	\$0.00
79	2,000	Sq. Yds. of Pavement Patching, Temporary, 2-Inch	@	\$15.00	Sq. Yd.	\$30,000.00
80	0	Sq. Ft. of 8-Inch Concrete Pavement Removal and Replacement	@	\$10.50	Sq. Ft.	\$0.00
81	0	Lin. Ft. of Pavement Markings, Yellow, Epoxy, 4-Inch	@	\$0.95	Lin. Ft.	\$0.00
82	0	Lin. Ft. of Pavement Markings, White, Epoxy, 4-Inch	@	\$5.75	Lin. Ft.	\$0.00
83	0	Lin. Ft. of Pavement Markings, White, Epoxy, 6-Inch	@	\$8.50	Lin. Ft.	\$0.00
84	0	Lin. Ft. of Pavement Markings, White, Epoxy, 12-Inch	@	\$10.75	Lin. Ft.	\$0.00
85	0	Lin. Ft. of Pavement Markings, White, Epoxy, 18-Inch	@	\$11.50	Lin. Ft.	\$0.00
86	0	Pavement Markings, White, Epoxy, Handicap Symbol	@	\$95.00	Each	\$0.00
87	1	Valve Box Adjustments	@	\$200.00	Each	\$200.00
88	34	Sq. Yds. of Topsoil and Sod (Includes Stripping)	@	\$35.00	Sq. Yd.	\$1,190.00
89	0	Lin. Ft. of Silt Fence, Delivered, Installed and Maintained	@	\$4.00	Lin. Ft.	\$0.00

90	0	Straw Bales Delivered, Installed and Maintained	@	\$16.00	Each	\$0.00
91	15	Filter Fabric Inlet Protection	@	\$70.00	Each	\$1,050.00
92	0	Extra Bags of Cement for High-Early-Strength Concrete	@	\$15.00	Each	\$0.00
93	0.50	Temporary Lighting	@	\$30,209.79	Lump Sum	\$15,104.90
Extra No. 1	1	Additional Work on 2" Water Service to 831 N. Grand Ave.	@	\$1,700.00	Lump Sum	\$1,700.00
Extra No. 2	1	Install 8-Inch Sanitary Sewer Lateral from Manhole #3558 to Right-of-way	@	\$10,000.00	Lump Sum	\$10,000.00
Extra No. 3	1	Remove Light Pole and Rewire System to Maintain Temporary Lighting	@	\$935.77	Lump Sum	\$935.77
Extra No. 4	1	Adjust Existing Street Light Conduit to Avoid Conflicts	@	\$1,880.14	Lump Sum	\$1,880.14
Subtotal						<u>\$1,788,096.74</u>
Less Retainage						<u>\$62,465.00</u>
Total						<u>\$1,725,631.74</u>
Less Amount Previously Paid						<u>\$1,423,859.46</u>
Total Amount Due						<u>\$301,772.28</u>

This estimate has been checked by the Engineering Department and we recommend that the above amount of \$301,772.28 be allowed.

Respectfully Submitted,



Fred V. Abadi, PhD., P.E.
Director of Public Works