

February 18, 2016

TO THE BOARD OF PUBLIC WORKS  
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 12 (Final) to Advance Construction, Inc., 2141 Woodale Ave., Green Bay, WI 54313 for West Main Street and Maple Avenue Utility and Street Improvements.

Contract No. 3889

2/3/2015

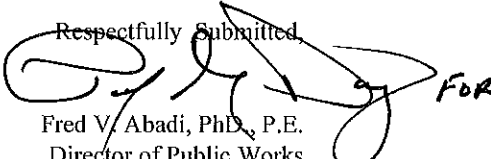
\$ 1,943,853.70

Item No	Quantity	Description		Cost	Per Unit	Amount
1	1,133	Lin. Ft. of 24-Inch Water Main and Fittings	@	\$273.00	Lin. Ft.	\$309,309.00
2	39	Lin. Ft. of 12-Inch Water Main and Fittings	@	\$440.00	Lin. Ft.	\$17,160.00
3	374	Lin. Ft. of 8-Inch Water Main and Fittings	@	\$154.00	Lin. Ft.	\$57,596.00
4	2	Furnish and Install 24-Inch Butterfly Valves	@	\$7,400.00	Each	\$14,800.00
5	1	Furnish and Install 12-Inch Gate Valves	@	\$2,850.00	Each	\$2,850.00
6	1	Furnish and Install 8-Inch Gate Valve	@	\$1,540.00	Each	\$1,540.00
7	3	Furnish and Install Hydrant Assembly	@	\$6,800.00	Each	\$20,400.00
8	3	Connect Service Lateral (SL1)	@	\$2,150.00	Each	\$6,450.00
9	1	Connect Service Lateral (SL2)	@	\$3,500.00	Each	\$3,500.00
10	1	Connect 6-Inch Service Lateral (SL3)	@	\$5,815.00	Each	\$5,815.00
11	3	Connect Service Lateral (SL4)	@	\$1,720.00	Each	\$5,160.00
12	5	Connect Service Lateral (SL5)	@	\$2,470.00	Each	\$12,350.00
13	6	Connect Service Lateral (SL6)	@	\$3,800.00	Each	\$22,800.00
14	1	Connect Service Lateral (SL7)	@	\$4,300.00	Each	\$4,300.00
15	4	New 6-Inch Service Lateral (SL8)	@	\$9,700.00	Each	\$38,800.00
16	9	New 6-Inch Service Lateral (SL9)	@	\$11,758.00	Each	\$105,822.00
17	1	Connect 8-Inch Service Lateral (SL10)	@	\$8,708.00	Each	\$8,708.00
18	1	Connect Service Lateral (SL11)	@	\$3,500.00	Each	\$3,500.00
19	7	New 6-Inch Service Connection-Option 1	@	\$100.00	Each	\$700.00
20	6	New 6-Inch Service Connection-Option 2	@	\$100.00	Each	\$600.00
21	8	Furnish and Install Curb Boxes and Rods	@	\$3,300.00	Each	\$26,400.00
22	1	Abandon Meter Pit	@	\$1,500.00	Each	\$1,500.00
23	3	Abandon Existing Hydrant	@	\$700.00	Each	\$2,100.00
24	1	Abandon Valve Boxes and Manholes	@	\$4,000.00	Lump Sum	\$4,000.00
25	389.3	Lin. Ft. of 8-Inch Sanitary Sewer Lining (CIPP)	@	\$21.00	Lin. Ft.	\$8,175.30
26	5	Sanitary Sewer Lateral Reinstatements	@	\$125.00	Each	\$625.00
27	1,140.8	Lin. Ft. of 37-6" Sanitary Sewer Lateral Replacements (PVC)	@	\$156.00	Lin. Ft.	\$177,964.80
28	7	Manhole Chimney Replacements	@	\$1,000.00	Each	\$7,000.00
29	1	Sanitary Sewer Spot Repair	@	\$5,000.00	Each	\$5,000.00
30	20	Sanitary Lateral Abandonments	@	\$100.00	Each	\$2,000.00
31	4	Sanitary Sewer Chimney Seals	@	\$335.00	Each	\$1,340.00
32	323.5	Lin. Ft. of 21-Inch Storm Sewer Lining (CIPP)	@	\$59.00	Lin. Ft.	\$19,086.50
33	397.7	Lin. Ft. of 18-Inch Storm Sewer Lining (CIPP)	@	\$45.00	Lin. Ft.	\$17,896.50
34	331	Lin. Ft. of 12-Inch of Storm Sewer lining (CIPP)	@	\$29.00	Lin. Ft.	\$9,599.00
35	14	Storm Sewer Lateral Reinstatements	@	\$125.00	Each	\$1,750.00
36	72.3	Lin. Ft. of 12-Inch Storm Sewer (RCSP)	@	\$110.00	Lin. Ft.	\$7,953.00
37	24.7	Lin. Ft. of 15-Inch Storm Sewer (RCSP)	@	\$112.00	Lin. Ft.	\$2,766.40
38	38.1	Lin. Ft. of 18-Inch Storm Sewer (RCSP)	@	\$125.00	Lin. Ft.	\$4,762.50
39	5.91	Vert. Ft. of Standard Storm Manhole	@	\$375.00	Vert. Ft.	\$2,216.25
40	45.07	Vert. Ft. of Standard Storm Inlets	@	\$350.00	Vert. Ft.	\$15,774.50

41	5	Vert. Ft. of Storm Inlet Repair	@	\$250.00	Vert. Ft.	\$1,250.00
42	2,718.6	Lin. Ft. of Prepaving Sanitary and Storm Sewer Televising	@	\$1.61	Lin. Ft.	\$4,376.95
43	48	Prepaving Sanitary and Storm Sewer Lateral Televising	@	\$195.00	Each	\$9,360.00
44	0	Cu. Yds. of Slurry Backfill	@	\$120.00	Cu. Yd.	\$0.00
45	768	Lin. Ft. of Frost Removal	@	\$10.00	Lin. Ft.	\$7,680.00
46	140	Clearing and Grubbing	@	\$50.00	Each	\$7,000.00
47	3,027.1	Lin. Ft. of Concrete Curb and Gutter Removal	@	\$6.00	Lin. Ft.	\$18,162.60
48	6,576.4	Sq. Yds. of Pavement Removal	@	\$5.50	Sq. Yd.	\$36,170.20
49	339	Lin. Ft. of Sawcutting at Pavement Limits	@	\$2.00	Lin. Ft.	\$678.00
50	3,481.24	Tons of 1¼-Inch Dense Aggregate	@	\$11.50	Ton	\$40,034.26
51	33	Tons of 1¼-Inch Crushed Stone Backfill (Includes Undercut)	@	\$17.00	Ton	\$561.00
52	443	Tons of 3-Inch Crushed Stone Backfill (Includes Undercut)	@	\$17.00	Ton	\$7,531.00
53	0	Sq. Yds. of Geotextile Fabric, Type SAS	@	\$2.00	Sq. Yd.	\$0.00
54	1	Traffic Control	@	\$20,000.00	Lump Sum	\$20,000.00
55	1,491	Lin. Ft. of Shaping and Grading Roadway Base	@	\$12.00	Lin. Ft.	\$17,892.00
56	24,395	Sq. Ft. of Walk and Approach Removal	@	\$1.00	Sq. Ft.	\$24,395.00
57	717	Lin. Ft. of Non Metallic Conduit, Street Light, Polyethylene Duct, 2-Inch	@	\$5.78	Lin. Ft.	\$4,144.26
58	4	Street Light Pull Boxes, 15-Inch x 30-Inch	@	\$775.00	Each	\$3,100.00
59	1	Street Light Pull Boxes, 24-Inch x 36-Inch	@	\$858.00	Each	\$858.00
60	1	Concrete Bases, Type 5	@	\$991.30	Each	\$991.30
61	8	Concrete Bases, Post Top	@	\$736.20	Each	\$5,889.60
62	305	Lin. Ft. of Electrical Wire 6 AWG	@	\$1.36	Lin. Ft.	\$414.80
63	760	Lin. Ft. of Electrical Wire 4 AWG	@	\$1.82	Lin. Ft.	\$1,383.20
64	590	Lin. Ft. of Electrical Wire 2 AWG	@	\$2.48	Lin. Ft.	\$1,463.20
65	3,027.1	Lin. Ft. of 30-Inch Combination Concrete Curb and Gutter	@	\$16.90	Lin. Ft.	\$51,157.99
66	50	Lin. Ft. of Concrete Curb and Gutter Removal and Replacement	@	\$42.00	Lin. Ft.	\$2,100.00
67	389.2	Sq. Ft. of New 3-Inch Concrete Bands Around Existing Trees	@	\$10.00	Sq. Ft.	\$3,892.00
68	13,140	Sq. Ft. of New 4-Inch Concrete Walk and Curb Ramps	@	\$4.50	Sq. Ft.	\$59,130.00
69	3,659.1	Sq. Ft. of New 6-Inch Concrete Walk and Drive Approach	@	\$5.10	Sq. Ft.	\$18,661.41
70	1,149.1	Sq. Ft. of New 7-Inch Concrete Walk and Drive Approach	@	\$5.50	Sq. Ft.	\$6,320.05
71	9,987.1	Sq. Ft. of Bituminous Set Concrete Paver Paving, 80 mm	@	\$20.50	Sq. Ft.	\$204,735.55
72	791	Sq. Ft. of Salvage and Reset Brick Pavers	@	\$12.00	Sq. Ft.	\$9,492.00
73	13	Paver Grate with Tree Ring (4' x 5')	@	\$3,644.00	Each	\$47,372.00
74	51	Cu. Yds. of Structural Soil	@	\$51.00	Cu. Yd.	\$2,601.00
75	88	Sq. Ft. of Detectable Warning Surface	@	\$37.50	Sq. Ft.	\$3,300.00
76	0	Lin. Ft. of Concrete Curb -- Pedestrian	@	\$30.00	Lin. Ft.	\$0.00
77	6,160	Sq. Yds. of 8-Inch Concrete Pavement	@	\$33.00	Sq. Yd.	\$203,280.00
78	0	<b>Intentionally Left Blank</b>	@	\$0.00		\$0.00
79	0	<b>Intentionally Left Blank</b>	@	\$0.00		\$0.00
80	810.3	Sq. Ft. of 4-Inch HMA Pavement	@	\$6.50	Sq. Ft.	\$5,266.95
81	1,420	Sq. Yds. of Pavement Patching, Temporary, 2-Inch	@	\$14.00	Sq. Yd.	\$19,880.00
82	0	Sq. Ft. of 8-Inch Concrete Pavement Patching, Permanent	@	\$12.50	Sq. Ft.	\$0.00
83	972.6	Lin. Ft. of Grooved in Place Pavement Markings, Yellow, Preformed Plastic, 4-Inch	@	\$3.95	Lin. Ft.	\$3,841.77
84	1,542.9	Lin. Ft. of Pavement Markings, White, Epoxy, 4-Inch	@	\$5.78	Lin. Ft.	\$8,917.96

85	311.4	Lin. Ft. of Grooved in Place Pavement Markings, White, Preformed Thermoplastic, 6-Inch	@	\$15.90	Lin. Ft.	\$4,951.26
86	233.3	Lin. Ft. of Grooved in Place Pavement Markings, White, Preformed Thermoplastic, 12-Inch	@	\$17.85	Lin. Ft.	\$4,164.41
87	41.1	Lin. Ft. of Grooved in Place Pavement Markings, White, Preformed Thermoplastic, 18-Inch	@	\$23.50	Lin. Ft.	\$965.85
88	0	Grooved in Place Pavement Markings, Preformed Plastic, Bike Shared Lane	@	\$645.00	Each	\$0.00
89	4	Pavement Markings, White, Epoxy, Handicap Symbol	@	\$82.50	Each	\$330.00
90	0	Valve Box Adjustments	@	\$200.00	Each	\$0.00
91	321.5	Sq. Yds. of Topsoil and Sod (Includes Stripping)	@	\$16.00	Sq. Yd.	\$5,144.00
92	0	Lin. Ft. of Silt Fence, Delivered, Installed and Maintained	@	\$5.00	Lin. Ft.	\$0.00
93	0	Straw Bales Delivered, Installed and Maintained	@	\$15.50	Each	\$0.00
94	15	Filter Fabric Inlet Protection	@	\$65.00	Each	\$975.00
95	28	Extra Bags of Cement for High-Early-Strength Concrete	@	\$15.00	Each	\$420.00
96	1	Remove and Reinstall Existing Decorative Parking Signs	@	\$2,000.00	Each	\$2,000.00
Extra No. 1	21	Lin. Ft. of 12-Inch of Watermain	@	\$200.00	Lin. Ft.	\$4,200.00
Extra No. 2	7	Raise Existing Street Light Base	@	\$725.00	Lump Sum	\$5,075.00
Extra No. 3	1	Replace Storm Lateral from 379 W. Main St. to 24" RCP Main	@	\$950.00	Lump Sum	\$950.00
Extra No. 4	1	Reinstall Bollards at 456 W. Main St.	@	\$100.00	Lump Sum	\$100.00
Extra No. 5	1	Re-connect Abandoned Saintry Lateral at 351 W. Main St.	@	\$200.00	Lump Sum	\$200.00
Extra No. 6	1	Hauling Contaminated Soil from 494 W. Main St.	@	\$300.00	Lump Sum	\$300.00
Extra No. 7	1	Resolve Conflict of Proposed Storm with Sanitary Lateral at Intersection of West Ave. & Main St.	@	\$750.00	Lump Sum	\$750.00
Extra No. 8	1	Repair Offset Joint in 12" Storm at 364 W. Main St. Prime to Lining	@	\$900.00	Lump Sum	\$900.00
Extra No. 9	23	23 Days Early Completion - W. Main St. Incentive Pay	@	\$1,500.00	Lump Sum	\$34,500.00
Extra No. 10	7	7 Days Early Completion - Maple Ave. Incentive Pay	@	\$1,500.00	Lump Sum	\$10,500.00
Extra No. 11	1	Heavy Clenaing of Sewers	@	\$2,175.00	Lump Sum	\$2,175.00
Total						\$1,901,954.32
Less Amount Previously Paid						\$1,896,954.32
Total Amount Due						\$5,000.00

This estimate has been checked by the Engineering Department and we recommend that the above amount of \$5,000.00 be allowed.

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