

August 6, 2015

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 8 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 | 385 | Lin. Ft. of 8-Inch Sanitary Sewer Lining (CIPP) | @ | \$21.00 | Lin. Ft. | \$8,085.00 |
| 26 | 5 | Sanitary Sewer Lateral Reinstatements | @ | \$125.00 | Each | \$625.00 |
| 27 | 1,118.5 | Lin. Ft. of 37-6" Sanitary Sewer Lateral Replacements (PVC) | @ | \$156.00 | Lin. Ft. | \$174,486.00 |
| 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 | 19 | Sanitary Lateral Abandonments | @ | \$100.00 | Each | \$1,900.00 |
| 31 | 0 | Sanitary Sewer Chimney Seals | @ | \$335.00 | Each | \$0.00 |
| 32 | 325 | Lin. Ft. of 21-Inch Storm Sewer Lining (CIPP) | @ | \$59.00 | Lin. Ft. | \$19,175.00 |
| 33 | 388 | Lin. Ft. of 18-Inch Storm Sewer Lining (CIPP) | @ | \$45.00 | Lin. Ft. | \$17,460.00 |
| 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 | 80 | Lin. Ft. of 12-Inch Storm Sewer (RCSP) | @ | \$110.00 | Lin. Ft. | \$8,800.00 |
| 37 | 25 | Lin. Ft. of 15-Inch Storm Sewer (RCSP) | @ | \$112.00 | Lin. Ft. | \$2,800.00 |
| 38 | 38 | Lin. Ft. of 18-Inch Storm Sewer (RCSP) | @ | \$125.00 | Lin. Ft. | \$4,750.00 |
| 39 | 6 | Vert. Ft. of Standard Storm Manhole | @ | \$375.00 | Vert. Ft. | \$2,250.00 |
| 40 | 27 | Vert. Ft. of Standard Storm Inlets | @ | \$350.00 | Vert. Ft. | \$9,450.00 |

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| 41 | 5 | Vert. Ft. of Storm Inlet Repair | @ | \$250.00 | Vert. Ft. | \$1,250.00 |
| 42 | 2,700 | Lin. Ft. of Prepaving Sanitary and Storm Sewer Televising | @ | \$1.61 | Lin. Ft. | \$4,347.00 |
| 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 | 132 | Clearing and Grubbing | @ | \$50.00 | Each | \$6,600.00 |
| 47 | 3,014 | Lin. Ft. of Concrete Curb and Gutter Removal | @ | \$6.00 | Lin. Ft. | \$18,084.00 |
| 48 | 6,600 | Sq. Yds. of Pavement Removal | @ | \$5.50 | Sq. Yd. | \$36,300.00 |
| 49 | 339 | Lin. Ft. of Sawcutting at Pavement Limits | @ | \$2.00 | Lin. Ft. | \$678.00 |
| 50 | 3,328 | Tons of 1¼-Inch Dense Aggregate | @ | \$11.50 | Ton | \$38,272.00 |
| 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 | 1,475 | Lin. Ft. of Shaping and Grading Roadway Base | @ | \$12.00 | Lin. Ft. | \$17,700.00 |
| 56 | 22,500 | Sq. Ft. of Walk and Approach Removal | @ | \$1.00 | Sq. Ft. | \$22,500.00 |
| 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 | 2,951 | Lin. Ft. of 30-Inch Combination Concrete Curb and Gutter | @ | \$16.90 | Lin. Ft. | \$49,871.90 |
| 66 | 50 | Lin. Ft. of Concrete Curb and Gutter Removal and Replacement | @ | \$42.00 | Lin. Ft. | \$2,100.00 |
| 67 | 180 | Sq. Ft. of New 3-Inch Concrete Bands Around Existing Trees | @ | \$10.00 | Sq. Ft. | \$1,800.00 |
| 68 | 10,059 | Sq. Ft. of New 4-Inch Concrete Walk and Curb Ramps | @ | \$4.50 | Sq. Ft. | \$45,265.50 |
| 69 | 1,800 | Sq. Ft. of New 6-Inch Concrete Walk and Drive Approach | @ | \$5.10 | Sq. Ft. | \$9,180.00 |
| 70 | 340 | Sq. Ft. of New 7-Inch Concrete Walk and Drive Approach | @ | \$5.50 | Sq. Ft. | \$1,870.00 |
| 71 | 7,948 | Sq. Ft. of Bituminous Set Concrete Paver Paving, 80 mm | @ | \$20.50 | Sq. Ft. | \$162,934.00 |
| 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 | Intentionally Left Blank | @ | \$0.00 | | \$0.00 |
| 79 | 0 | Intentionally Left Blank | @ | \$0.00 | | \$0.00 |
| 80 | 750 | Sq. Ft. of 4-Inch HMA Pavement | @ | \$6.50 | Sq. Ft. | \$4,875.00 |
| 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 | 708 | Lin. Ft. of Grooved in Place Pavement Markings, Yellow, Preformed Plastic, 4-Inch | @ | \$3.95 | Lin. Ft. | \$2,796.60 |
| 84 | 1,501 | Lin. Ft. of Pavement Markings, White, Epoxy, 4-Inch | @ | \$5.78 | Lin. Ft. | \$8,675.78 |

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|-----------------------------|------|---|---|------------|----------|----------------|
| 85 | 200 | Lin. Ft. of Grooved in Place Pavement Markings, White, Preformed Thermoplastic, 6-Inch | @ | \$15.90 | Lin. Ft. | \$3,180.00 |
| 86 | 186 | Lin. Ft. of Grooved in Place Pavement Markings, White, Preformed Thermoplastic, 12-Inch | @ | \$17.85 | Lin. Ft. | \$3,320.10 |
| 87 | 16.5 | Lin. Ft. of Grooved in Place Pavement Markings, White, Preformed Thermoplastic, 18-Inch | @ | \$23.50 | Lin. Ft. | \$387.75 |
| 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 | 135 | Sq. Yds. of Topsoil and Sod (Includes Stripping) | @ | \$16.00 | Sq. Yd. | \$2,160.00 |
| 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 | 0 | Remove and Reinstall Existing Decorative Parking Signs | @ | \$2,000.00 | Each | \$0.00 |
| Extra No. 1 | 21 | Lin. Ft. of 12-Inch of Watermain | @ | \$200.00 | Lin. Ft. | \$4,200.00 |
| Total | | | | | | \$1,748,663.99 |
| Less Retainage | | | | | | \$20,000.00 |
| Total | | | | | | \$1,728,663.99 |
| Less Amount Previously Paid | | | | | | \$1,668,718.11 |
| Total Amount Due | | | | | | \$59,945.88 |

This estimate has been checked by the Engineering Department and we recommend that the above amount of \$59,945.88 be allowed.

Respectfully Submitted,



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