

January 5, 2017

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 12 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

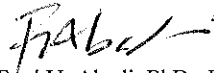
| No | Quantity | Description | | Cost | Per Unit | Amount |
|----|----------|---|---|------------|-----------|--------------|
| 1 | 977 | Lin. Ft. of 24-Inch Water Main and Fittings | @ | \$295.00 | Lin. Ft. | \$288,215.00 |
| 2 | 123 | Lin. Ft. of 16-Inch Water Main and Fittings | @ | \$300.00 | Lin. 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 | 320.0 | 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 | 49.2 | Vert. Ft. of Sanitary Manhole Rehabilitation | @ | \$132.00 | Vert. Ft. | \$6,494.40 |
| 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 | 10 | Sanitary Sewer Chimney Seals | @ | \$390.00 | Each | \$3,900.00 |
| 27 | 88 | Pre-Construction Sewer Lateral Televising | @ | \$236.00 | Each | \$20,768.00 |
| 28 | 21 | Sanitary Lateral Reinstatement | @ | \$100.00 | Each | \$2,100.00 |
| 29 | 25 | Sanitary Lateral Cleanout | @ | \$1,400.00 | Each | \$35,000.00 |
| 30 | 20 | Sanitary Lateral Cleaning and Prelining Video Inspection | @ | \$262.50 | Each | \$5,250.00 |
| 31 | 5 | Sanitary Lateral Spot Repair | @ | \$5,600.00 | Each | \$28,000.00 |
| 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 | 120 | Lin. Ft. of 12-Inch Storm Sewer (RCSP) | @ | \$115.00 | Lin. Ft. | \$13,800.00 |
| 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 | 34 | Storm Sewer Lateral Reinstatements | @ | \$100.00 | Each | \$3,400.00 |

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|----|---------|---|---|-------------|-----------|--------------|
| 40 | 110.4 | Vert. Ft. of Standard Storm Inlets | @ | \$390.00 | Vert. Ft. | \$43,056.00 |
| 41 | 120 | Vert. Ft. of Storm Manhole Rehabilitation | @ | \$103.00 | Vert. Ft. | \$12,360.00 |
| 42 | 3,097 | Lin. Ft. of Prepaving Sanitary and Storm Sewer Televising | @ | \$1.85 | Lin. Ft. | \$5,729.45 |
| 43 | 60 | Prepaving Sanitary Lateral Televising | @ | \$157.50 | Each | \$9,450.00 |
| 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 | 2,700 | Lin. Ft. of Concrete Curb and Gutter Removal | @ | \$6.00 | Lin. Ft. | \$16,200.00 |
| 48 | 5,097 | Sq. Yds. of Pavement Removal | @ | \$5.50 | Sq. Yd. | \$28,033.50 |
| 49 | 250 | Lin. Ft. of Sawcutting at Pavement Limits | @ | \$2.00 | Lin. Ft. | \$500.00 |
| 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 | 1 | Traffic Control | @ | \$34,000.00 | Lump Sum | \$34,000.00 |
| 55 | 1,348 | Lin. Ft. of Shaping and Grading Roadway Base | @ | \$12.50 | Lin. Ft. | \$16,850.00 |
| 56 | 25,300 | Sq. Ft. of Walk and Approach Removal | @ | \$1.05 | Sq. Ft. | \$26,565.00 |
| 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 | 513 | Lin. Ft. of Electrical Wire 6 AWG | @ | \$1.43 | Lin. Ft. | \$733.59 |
| 60 | 1,187 | Lin. Ft. of Electrical Wire 4 AWG | @ | \$1.94 | Lin. Ft. | \$2,302.78 |
| 61 | 1,026 | Lin. Ft. of Electrical Wire 2 AWG | @ | \$2.68 | Lin. Ft. | \$2,749.68 |
| 62 | 2,366.6 | Lin. Ft. of 30-Inch Combination Concrete Curb and Gutter | @ | \$15.00 | Lin. Ft. | \$35,499.00 |
| 63 | 195.8 | Lin. Ft. of 18-inch Combination Concrete Curb and Gutter | @ | \$25.00 | Lin. Ft. | \$4,895.00 |
| 64 | 0 | Lin. Ft. of Concrete Curb and Gutter Removal and Replacement | @ | \$50.00 | Lin. Ft. | \$0.00 |
| 65 | 1,113.5 | Sq. Ft. of New 3-Inch Concrete | @ | \$4.00 | Sq. Ft. | \$4,454.00 |
| 66 | 13,341 | Sq. Ft. of New 4-Inch Concrete Walk and Curb Ramps | @ | \$4.75 | Sq. Ft. | \$63,369.75 |
| 67 | 305.2 | Sq. Ft. of New 7-Inch Concrete Walk and Drive Approach | @ | \$4.90 | Sq. Ft. | \$1,495.48 |
| 68 | 12,362 | Sq. Ft. of Bituminous Set Concrete Paver Paving, 80 mm | @ | \$20.50 | Sq. Ft. | \$253,421.00 |
| 69 | 100 | Sq. Ft. of Salvage and Reset Brick Pavers | @ | \$12.00 | Sq. Ft. | \$1,200.00 |
| 70 | 20 | Paver Grate with Tree Ring (4' x 5') | @ | \$3,000.00 | Each | \$60,000.00 |
| 71 | 225 | Cu. Yds. of Structural Soil | @ | \$51.00 | Cu. Yd. | \$11,475.00 |
| 72 | 152 | Sq. Ft. of Detectable Warning Surface | @ | \$40.00 | Sq. Ft. | \$6,080.00 |
| 73 | 25.7 | Lin. Ft. of Concrete Curb – Pedestrian | @ | \$50.00 | Lin. Ft. | \$1,285.00 |
| 74 | 4,910 | Sq. Yds. of 8-Inch Concrete Pavement | @ | \$37.00 | Sq. Yd. | \$181,670.00 |
| 75 | 0 | INTENTIONALLY LEFT BLANK | @ | | | \$0.00 |
| 76 | 0 | INTENTIONALLY LEFT BLANK | @ | | | \$0.00 |
| 77 | 1,903 | Sq. Ft. of 5-Inch HMA Blend Area Pavement | @ | \$6.50 | Sq. Ft. | \$12,369.50 |
| 78 | 222.6 | Sq. Ft. of 4-Inch HMA Pavement | @ | \$10.00 | Sq. Ft. | \$2,226.00 |
| 79 | 2,333 | Sq. Yds. of Pavement Patching, Temporary, 2-Inch | @ | \$15.00 | Sq. Yd. | \$34,995.00 |
| 80 | 0 | Sq. Ft. of 8-Inch Concrete Pavement Removal and Replacement | @ | \$10.50 | Sq. Ft. | \$0.00 |
| 81 | 830.4 | Lin. Ft. of Pavement Markings, Yellow, Epoxy, 4-Inch | @ | \$0.95 | Lin. Ft. | \$788.88 |
| 82 | 1,370.0 | Lin. Ft. of Pavement Markings, White, Epoxy, 4-Inch | @ | \$5.75 | Lin. Ft. | \$7,877.50 |
| 83 | 564.9 | Lin. Ft. of Pavement Markings, White, Epoxy, 6-Inch | @ | \$8.50 | Lin. Ft. | \$4,801.65 |
| 84 | 475.5 | Lin. Ft. of Pavement Markings, White, Epoxy, 12-Inch | @ | \$10.75 | Lin. Ft. | \$5,111.63 |
| 85 | 90.3 | Lin. Ft. of Pavement Markings, White, Epoxy, 18-Inch | @ | \$11.50 | Lin. Ft. | \$1,038.45 |
| 86 | 4 | Pavement Markings, White, Epoxy, Handicap Symbol | @ | \$95.00 | Each | \$380.00 |
| 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 |

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|-----------------------------|----|--|---|-------------|----------|-----------------------|
| 91 | 24 | Filter Fabric Inlet Protection | @ | \$70.00 | Each | \$1,680.00 |
| 92 | 0 | Extra Bags of Cement for High-Early-Strength Concrete | @ | \$15.00 | Each | \$0.00 |
| 93 | 1 | Temporary Lighting | @ | \$30,209.79 | Lump Sum | \$30,209.79 |
| 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 | @ | \$2,380.14 | Lump Sum | \$2,380.14 |
| Extra No. 5 | 3 | Adjust Existing Pull Boxes | @ | \$225.00 | Each | \$675.00 |
| Extra No. 6 | 1 | Adjust Street Light Conduit Crossing | @ | \$649.19 | Lump Sum | \$649.19 |
| Extra No. 7 | 30 | Incentive Payment | @ | \$1,500.00 | Each Day | \$45,000.00 |
| Extra No. 8 | 1 | Tank Removal @ 336 w. Main St. | @ | \$1,000.00 | Lump Sum | \$1,000.00 |
| Extra No. 9 | 1 | Extra Work on MH1397 & Inlet 5 | @ | \$1,900.00 | Lump Sum | \$1,900.00 |
| Subtotal | | | | | | <u>\$2,204,419.51</u> |
| Less Retainage | | | | | | \$5,000.00 |
| Total | | | | | | <u>\$2,199,419.51</u> |
| Less Amount Previously Paid | | | | | | <u>\$2,179,755.04</u> |
| Total Amount Due | | | | | | <u>\$19,664.47</u> |

This estimate has been checked by the Engineering Department and we recommend that the above amount of \$19,664.47 be allowed.

Respectfully Submitted,



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

Director of Public Works