

November 9, 2017

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 11 to American Sewer Services, Inc., N2768 County Rd P, Rubicon, WI 53078 for N. Greenfield Avenue Utility and Street Improvements - **Concrete - FINAL**

Contract No. 3946

5/3/2016

1,087,774.5 (Amended \$1,079,774.50)

No	Quantity	Description	Cost	Per Unit	Amount
1	1	Traffic Control	@ \$ 500.00	L.S.	\$500.00
2	1,433	Furnish and Install 8-Inch Water Main and Fittings	@ \$ 87.00	Lin. Ft.	\$124,671.00
3	3	Furnish and Install 8-Inch Gate Valves and Boxes	@ \$ 2,165.00	Each	\$6,495.00
4	4	Furnish and Install Hydrant Assembly	@ \$ 7,950.00	Each	\$31,800.00
5	7	Connect 1-Inch Service Lateral (SL1)	@ \$ 940.00	Each	\$6,580.00
6	10	Connect 1-Inch Service Lateral (SL2)	@ \$ 2,050.00	Each	\$20,500.00
7	14	Connect Service Lateral (SL3)	@ \$ 2,275.00	Each	\$31,850.00
8	9	Connect Service Lateral (SL4)	@ \$ 3,090.00	Each	\$27,810.00
9	1	Connect Service Lateral (SL5)	@ \$ 3,838.00	Each	\$3,838.00
10	1	Connect Service Lateral (SL6)	@ \$ 2,150.00	Each	\$2,150.00
11	0	Furnish and Install Curb Boxes and Rods	@ \$ 1,000.00	Each	\$0.00
12	0	Furnish and Install Curb Stop Where Needed	@ \$ 500.00	Each	\$0.00
13	3	Abandon Existing Hydrant	@ \$ 650.00	Each	\$1,950.00
14	1	Abandon Valve Boxes and Manholes	@ \$ 7,200.00	L.S.	\$7,200.00
15	0	Slurry Backfill	@ \$ 75.00	Cu. Yd.	\$0.00
16	1,419.0	8-Inch Sanitary Sewer	@ \$ 106.00	Lin. Ft.	\$150,414.00
17	46.2	48-Inch Diameter Sanitary Sewer Manhole	@ \$ 340.00	Vert Ft	\$15,708.00
18	869	6-Inch Sanitary Lateral Replacement (Open Cut)	@ \$ 95.00	Lin. Ft.	\$82,555.00
19	345	6-Inch Sanitary Lateral Replacement (Pipe Bursting)	@ \$ 110.00	Lin. Ft.	\$37,950.00
20	10	Excavation and Lateral Connection at Right-of-Way (Pipe Bursting)	@ \$ 800.00	Each	\$8,000.00
21	5	Sanitary Manhole Internal Chimney Seal	@ \$ 550.00	Each	\$2,750.00
22	1,403.9	Pre-Paving Sanitary Sewer Main Line	@ \$ 1.70	Lin. Ft.	\$2,386.63
23	41	Pre-Paving Sanitary Sewer Lateral Televising	@ \$ 240.00	Each	\$9,840.00
24	1	Storm Sewer Inlet Repair	@ \$ 850.00	Vert. Ft.	\$850.00
25	272	Sawcutting at Pavement Limits	@ \$ 5.00	Lin. Ft.	\$1,360.00
26	2,703.9	Concrete Curb and Gutter Removal	@ \$ 2.15	Lin. Ft.	\$5,813.39
27	4,200	Pavement Removal	@ \$ 6.00	Sq. Yd.	\$25,200.00
28	13,587.3	Sidewalk and Drive Approach Removal	@ \$ 0.55	Sq. Ft.	\$7,473.02
29	3,400.00	1¼-Inch Dense Aggregate	@ \$ 15.00	Tons	\$51,000.00
30	979.96	1¼-Inch Crushed Stone Backfill (Includes Undercut)	@ \$ 19.00	Tons	\$18,619.24

31	19.8	3-Inch Crushed Stone Backfill (Includes Undercut)	@ \$	19.00	Tons	\$376.20
32	1,424.3	Shaping and Grading of Roadway Base	@ \$	5.40	Lin. Ft.	\$7,691.22
33	3,452.2	Geotextile Fabric, SAS	@ \$	1.60	Sq. Yd.	\$5,523.52
34	0	Concrete Curb and Gutter Replacement	@ \$	37.60	Lin. Ft.	\$0.00
35	2,593.0	30-Inch Concrete Curb and Gutter	@ \$	16.00	Lin. Ft.	\$41,488.00
36	8,031.4	New 4-Inch Concrete Sidewalk and Curb	@ \$	3.80	Sq. Ft.	\$30,519.32
37	6,324.6	New 6-Inch Concrete Sidewalk and Drive	@ \$	5.40	Sq. Ft.	\$34,152.84
38	651.8	New 7-Inch Concrete Sidewalk and Drive	@ \$	6.50	Sq. Ft.	\$4,236.70
39	0	4-Inch HMA Driveway	@ \$	16.00	Sq. Ft.	\$0.00
40	64	Detectable Warning Surface	@ \$	37.60	Sq. Ft.	\$2,406.40
41	0	Concrete Pedestrian - Curb	@ \$	30.00	Lin. Ft.	\$0.00
42	4,141.1	8-Inch Non-Reinforced Concrete Pavement	@ \$	33.70	Sq. Yd.	\$139,555.07
43	0	HMA Pavement, 19.0 mm, Type E-0.3, PG 64-28	@ \$	-	Tons	\$0.00
44	0	HMA Pavement, 9.5 mm, Type E-0.3, PG 64-28	@ \$	-	Tons	\$0.00
45	1,067.5	Concrete Pavement Patching	@ \$	52.00	Sq. Yd.	\$55,510.00
46	89.2	5-Inch HMA Blend	@ \$	83.00	Sq. Yd.	\$7,403.60
47	2,575.9	Topsoil and Sod (Includes Stripping)	@ \$	8.00	Sq. Yd.	\$20,607.20
48	0	Silt Fence, Delivered, Installed and Maintained	@ \$	5.40	Lin. Ft.	\$0.00
49	12	Straw Bales Delivered, Installed and Maintained	@ \$	21.50	Each	\$258.00
50	2	Filter Fabric Inlet Protection	@ \$	65.00	Each	\$130.00
51	0	Extra Bags of Cement for High-Early-Strength Concrete	@ \$	11.00	Each	\$0.00
Subtotal						\$1,035,121.35
Less Retainage						\$0.00
Subtotal						\$1,035,121.35
Less 20 Concrete Cylinders @ \$13.50 per Cylinder						\$324.00
Subtotal						\$1,034,797.35
Less Liquidated Damages (16 Days at \$500/Day)						\$8,000.00
Subtotal						\$1,026,797.35
Less Amount Previously Paid						\$1,001,797.35
Total Amount Due						\$25,000.00

This estimate has been checked by the Engineering Department and we recommend that the above amount of \$25,000.00 be allowed.

Respectfully Submitted,



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