

November 3, 2016

TO THE BOARD OF PUBLIC WORKS  
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 7 to American Sewer Services, Inc., N2768 County Rd P, Rubicon, WI 53078 for N. Greenfield Avenue Utility and Street Improvements - **Concrete**.


Contract No. 3946                      5/3/2016                      \$ 1,087,774.50

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	@ \$ 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	1,200	8-Inch Sanitary Sewer	@ \$ 106.00	Lin. Ft.	\$127,200.00
17	27	48-Inch Diameter Sanitary Sewer Manhole	@ \$ 340.00	Vert Ft	\$9,180.00
18	815	6-Inch Sanitary Lateral Replacement (Open Cut)	@ \$ 95.00	Lin. Ft.	\$77,425.00
19	318	6-Inch Sanitary Lateral Replacement (Pipe Bursting)	@ \$ 110.00	Lin. Ft.	\$34,980.00
20	10	Excavation and Lateral Connection at Right-of-Way (Pipe Bursting)	@ \$ 800.00	Each	\$8,000.00
21	0	Sanitary Manhole Internal Chimney Seal	@ \$ 550.00	Each	\$0.00
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	0	Storm Sewer Inlet Repair	@ \$ 850.00	Vert. Ft.	\$0.00
25	0	Sawcutting at Pavement Limits	@ \$ 5.00	Lin. Ft.	\$0.00
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	5,000	Sidewalk and Drive Approach Removal	@ \$ 0.55	Sq. Ft.	\$2,750.00
29	4,379.96	1¼-Inch Dense Aggregate	@ \$ 15.00	Tons	\$65,699.40
30	0	1¼-Inch Crushed Stone Backfill (Includes	@ \$ 19.00	Tons	\$0.00

31	19.8	3-Inch Crushed Stone Backfill (Includes	@	\$	19.00	Tons	\$376.20
32	1,120	Shaping and Grading of Roadway Base	@	\$	5.40	Lin. Ft.	\$6,048.00
33	1,920	Geotextile Fabric, SAS	@	\$	1.60	Sq. Yd.	\$3,072.00
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	6,000.00	New 4-Inch Concrete Sidewalk and Curb	@	\$	3.80	Sq. Ft.	\$22,800.00
37	4,000.00	New 6-Inch Concrete Sidewalk and Drive	@	\$	5.40	Sq. Ft.	\$21,600.00
38	250	New 7-Inch Concrete Sidewalk and Drive	@	\$	6.50	Sq. Ft.	\$1,625.00
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	3,200	8-Inch Non-Reinforced Concrete Pavement	@	\$	33.70	Sq. Yd.	\$107,840.00
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	492.1	Concrete Pavement Patching	@	\$	52.00	Sq. Yd.	\$25,589.20
46	0	5-Inch HMA Blend	@	\$	83.00	Sq. Yd.	\$0.00
47	2,000	Topsoil and Sod (Includes Stripping)	@	\$	8.00	Sq. Yd.	\$16,000.00
48	0	Silt Fence, Delivered, Installed and	@	\$	5.40	Lin. Ft.	\$0.00
49	6	Straw Bales Delivered, Installed and	@	\$	21.50	Each	\$129.00
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
							\$882,922.22
Subtotal							
Less Retainage							\$27,194.36
							\$855,727.86
Subtotal							
Less 12 Concrete Cylinders @ \$13.50 per Cylinder							\$162.00
							\$855,565.86
Subtotal							
Less Liquidated Damages (26 Days at \$500/Day)							\$13,000.00
							\$842,565.86
Subtotal							
Less Amount Previously Paid							\$764,490.17
							\$78,075.69
Total Amount Due							

This estimate has been checked by the Engineering Department and we recommend that the above amount of \$78,075.69 be allowed.

Respectfully Submitted,

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