

August 18, 2016

TO THE BOARD OF PUBLIC WORKS  
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 4 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	0.5	Traffic Control	@ \$ 500.00	L.S.	\$250.00
2	1,415	Furnish and Install 8-Inch Water Main and Fittings	@ \$ 87.00	Lin. Ft.	\$123,105.00
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	5	Connect 1-Inch Service Lateral (SL1)	@ \$ 940.00	Each	\$4,700.00
6	6	Connect 1-Inch Service Lateral (SL2)	@ \$ 2,050.00	Each	\$12,300.00
7	6	Connect Service Lateral (SL3)	@ \$ 2,275.00	Each	\$13,650.00
8	4	Connect Service Lateral (SL4)	@ \$ 3,090.00	Each	\$12,360.00
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	0	Abandon Existing Hydrant	@ \$ 650.00	Each	\$0.00
14	0	Abandon Valve Boxes and Manholes	@ \$ 7,200.00	L.S.	\$0.00
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	0	Pre-Paving Sanitary Sewer Main Line	@ \$ 1.70	Lin. Ft.	\$0.00
23	0	Pre-Paving Sanitary Sewer Lateral Televising	@ \$ 240.00	Each	\$0.00
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	0	Concrete Curb and Gutter Removal	@ \$ 2.15	Lin. Ft.	\$0.00
27	0	Pavement Removal	@ \$ 6.00	Sq. Yd.	\$0.00

28	2,000	Sidewalk and Drive Approach Removal	@	\$	0.55	Sq. Ft.	\$1,100.00
29	0	1/4-Inch Dense Aggregate	@	\$	15.00	Tons	\$0.00
30	0	1/4-Inch Crushed Stone Backfill (Includes	@	\$	19.00	Tons	\$0.00
31	0	3-Inch Crushed Stone Backfill (Includes	@	\$	19.00	Tons	\$0.00
32	0	Shaping and Grading of Roadway Base	@	\$	5.40	Lin. Ft.	\$0.00
33	0	Geotextile Fabric, SAS	@	\$	1.60	Sq. Yd.	\$0.00
34	0	Concrete Curb and Gutter Replacement	@	\$	37.60	Lin. Ft.	\$0.00
35	0	30-Inch Concrete Curb and Gutter	@	\$	16.00	Lin. Ft.	\$0.00
36	2,370	New 4-Inch Concrete Sidewalk and Curb	@	\$	3.80	Sq. Ft.	\$9,006.00
37	50	New 6-Inch Concrete Sidewalk and Drive	@	\$	5.40	Sq. Ft.	\$270.00
38	0	New 7-Inch Concrete Sidewalk and Drive	@	\$	6.50	Sq. Ft.	\$0.00
39	0	4-Inch HMA Driveway	@	\$	16.00	Sq. Ft.	\$0.00
40	0	Detectable Warning Surface	@	\$	37.60	Sq. Ft.	\$0.00
41	0	Concrete Pedestrian - Curb	@	\$	30.00	Lin. Ft.	\$0.00
42	0	8-Inch Non-Reinforced Concrete Pavement	@	\$	33.70	Sq. Yd.	\$0.00
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	0	Concrete Pavement Patching	@	\$	52.00	Sq. Yd.	\$0.00
46	0	5-Inch HMA Blend	@	\$	83.00	Sq. Yd.	\$0.00
47	0	Topsoil and Sod (Includes Stripping)	@	\$	8.00	Sq. Yd.	\$0.00
48	0	Silt Fence, Delivered, Installed and Maintained	@	\$	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
Subtotal							\$478,068.00
Less Retainage							\$23,903.40
Subtotal							\$454,164.60
Less Amount Previously Paid							\$409,026.30
Total Amount Due							\$45,138.30

This estimate has been checked by the Engineering Department and we recommend that the above amount of \$45,138.30 be allowed.

Respectfully Submitted,



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