

November 9, 2017

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 8 to PTS Contractors, Inc., 4075 Eaton Road, Green Bay, WI 54311 for Jefferson Avenue, Oscar Street, Greenway Terrace And Butler Drive Utility Improvements.

Contract No. 3998

4/18/2017

\$ 1,100,086.75

\$1,016,861.40 (Amended)

Item No	Bid Quantity	Completed Quantity	Description	Cost	Per Unit	Amount
1	4	4	Lower 1" Service Lateral (SL1)	@ \$ 4,212.00	Each	\$16,848.00
2	3	3	Insulate 1" Copper Service Lateral (SL2)	@ \$ 706.00	Each	\$2,118.00
3	100	0	Additional Insulation of 1" Copper Service	@ \$ 5.40	Lin. Ft.	\$0.00
4	14	0	Furnish and Install Curb Boxes & Rods (If needed)	@ \$ 107.00	Each	\$0.00
5	14	0	Furnish and Install Curb Stop (If needed)	@ \$ 209.00	Each	\$0.00
6	580	576.5	Lin. Ft. of 21-Inch PVC Sanitary Sewer	@ \$ 150.00	Lin. Ft.	\$86,475.00
7	2,329	2,329.2	Lin. Ft. of 18-Inch PVC Sanitary Sewer	@ \$ 132.00	Lin. Ft.	\$307,454.40
8	17	20	Lin. Ft. of 8-Inch PVC Sanitary Sewer	@ \$ 266.00	Lin. Ft.	\$5,320.00
9	180	214.3	Lin. Ft. of 6-Inch PVC Sanitary Lateral	@ \$ 182.00	Lin. Ft.	\$39,002.60
9A	7	6	21-Inch x 21-Inch x 6-Inch PVC Sanitary Lateral Wye Connection (SDR 35)	@ \$ 1,410.00	Each	\$8,460.00
9B	14	14	18-Inch x 18-Inch x 6-Inch PVC Sanitary Lateral Wye Connection (SDR 26)	@ \$ 1,190.00	Each	\$16,660.00
9C	15	15	18-Inch x 18-Inch x 6-Inch PVC Sanitary Lateral Wye Connection (SDR 35)	@ \$ 1,067.00	Each	\$16,005.00
10	70	68	Vert. Ft. 6-Inch PVC Sanitary Lateral Riser	@ \$ 68.00	Vert. Ft.	\$4,624.00
11	135	131.31	Vert. Ft. of 48-Inch Diameter Sanitary Manhole	@ \$ 234.00	Vert. Ft.	\$30,726.54
12	13	11.24	Vert. Ft. of 48-Inch Diameter Sanitary Sewer Manhole with Outside Drop	@ \$ 355.00	Vert. Ft.	\$3,990.20
13	90	88.0	12-Inch PVC Sanitary Force Main	@ \$ 115.00	Lin. Ft.	\$10,120.00
14	1	1	Abandon Existing Force Main	@ \$ 580.00	Lump Sum	\$580.00
15	1	1	Remove Existing Inside Pipe Drop	@ \$ 463.00	Lump Sum	\$463.00
16	1,294	1,250	Lin. Ft. of 15-Inch Sanitary Sewer Lining (CIPP)	@ \$ 40.00	Lin. Ft.	\$50,000.00
17	15	15	Sanitary Lateral Reinstatement	@ \$ 153.00	Each	\$2,295.00
18	15	0	Sanitary Lateral Connection Test and Seal	@ \$ 260.00	Each	\$0.00
19	10	0	Rehabilitate Sanitary Manhole with Cementitious Liner (Approx. 110 Vert. Ft.)	@ \$ 1,250.00	Each	\$0.00
20	4	0	Sanitary Manhole Bench / Invert / Trough Work Minor	@ \$ 521.00	Each	\$0.00
21	1	1	Sanitary Manhole Bench / Invert / Trough Work Major	@ \$ 695.00	Each	\$695.00
22	7	20	Sanitary Manhole Chimney Seal	@ \$ 317.00	Each	\$6,340.00
23	12	12	Chimney Replacement	@ \$ 673.00	Each	\$8,076.00
24	50	11.3	Storm Sewer Inlet Repair	@ \$ 333.00	Vert. Ft.	\$3,762.90
25	10	0	Storm Sewer Manhole Repair	@ \$ 333.00	Vert. Ft.	\$0.00
26	4,350	3,125.9	Lin. Ft. of Sanitary Sewer Televising - Prepaving	@ \$ 1.10	Lin. Ft.	\$3,438.49
27	1,220	1,615.6	Lin. Ft. of Storm Sewer Televising - Prepaving	@ \$ 1.10	Lin. Ft.	\$1,777.16
28	37	30	Sanitary Lateral Televising - Prepaving	@ \$ 290.00	Each	\$8,700.00
29	80	0	Cu. Yds. of Slurry Backfill	@ \$ 68.00	Cu. Yd.	\$0.00
30	15,900	16,147.8	Sq. Yds. of Pavement Removal	@ \$ 1.20	Sq. Yd.	\$19,377.33

31	650	547.2	Lin. Ft. of Sawcutting at Pavement Limits	@ \$	1.80	Lin. Ft.	\$984.96
32	1,950	1,194.6	Tons of 1¼-Inch Dense Aggregate	@ \$	12.20	Tons	\$14,574.12
33	100	597.04	Tons of 1¼-Inch Crushed Stone Backfill (Includes Undercut)	@ \$	20.00	Tons	\$11,940.80
34	100	108.31	Tons of 3-Inch Crushed Stone Backfill (Includes Undercut)	@ \$	21.00	Tons	\$2,274.51
35	100	0	Sq. Yds. of Geotextile Fabric, Type SAS	@ \$	2.00	Sq. Yd.	\$0.00
36	1	1.0	Traffic Control	@ \$	7,165.00	Lump Sum	\$7,165.00
37	5,650	7,503.0	Sq. Ft. of Walk and Drive Approach Removal	@ \$	0.95	Sq. Ft.	\$7,127.85
38	1,200	1,436.5	Lin. Ft. of Concrete Curb and Gutter Removal and Replacement	@ \$	30.00	Lin. Ft.	\$43,095.00
39	5,300	6,749.0	Sq. Ft. of New 4-Inch Concrete Walk and Curb Ramps	@ \$	5.20	Sq. Ft.	\$35,094.80
40	350	754.0	Sq. Ft. of New 6-Inch Concrete Walk and Drive Approach	@ \$	5.60	Sq. Ft.	\$4,222.40
41	368	388	Sq. Ft. of Detectable Warning Surface	@ \$	28.50	Sq. Ft.	\$11,058.00
42	50	0	Lin. Ft. of Concrete Curb – Pedestrian	@ \$	29.50	Lin. Ft.	\$0.00
43	3,000	2,546.32	Tons of HMA Pavement Type 3 LT 58-28 H	@ \$	54.60	Tons	\$139,029.07
44	2,000	0	Tons of HMA Pavement Type 5 LT 58-28 H	@ \$	50.95	Tons	\$0.00
45	100	159.6	Sq. Ft. of 4-Inch HMA Pavement	@ \$	20.10	Sq. Ft.	\$3,207.96
46	375	332.0	Lin. Ft. of Pavement Markings, Yellow, Epoxy, 4-Inch	@ \$	2.65	Lin. Ft.	\$879.80
47	1,075	1,030.0	Lin. Ft. of Pavement Markings, White, Epoxy, 6-Inch	@ \$	4.70	Lin. Ft.	\$4,841.00
48	250	242.6	Lin. Ft. of Pavement Markings, White, Epoxy, 18-Inch	@ \$	5.80	Lin. Ft.	\$1,407.08
49	1,100	831.63	Topsoil and Sod (Includes Stripping)	@ \$	7.10	Sq. Yd.	\$5,904.57
50	20	0	Silt Fence, Delivered, Installed and Maintained	@ \$	5.10	Lin. Ft.	\$0.00
51	20	0	Straw Bales Delivered, Installed and Maintained	@ \$	15.30	Each	\$0.00
52	38	30	Filter Fabric Inlet Protection	@ \$	46.00	Each	\$1,380.00
53	20	0	Extra Bags of Cement for High-Early-Strength Concrete	@ \$	11.00	Each	\$0.00
Credit #1		1	Use of Existing Trench Spoil Material for Backfill	@ \$	(83,225.35)	Lump Sum	\$ (83,225.35)
Credit #2		1	City Repair of Damaged Sanitary Lateral for 1214 Oscar Street	@ \$	(3,165.13)	Lump Sum	\$ (3,165.13)
Extra #1		1	Additional Mobilization for Undercut	@ \$	2,200.00	Lump Sum	\$2,200.00
Extra #2		1	Additional Grading Due to Water Main Break	@ \$	1,522.50	Lump Sum	\$1,522.50
			Total				<u>\$864,827.56</u>
			Less Retainage				<u>\$25,421.54</u>
			Total				\$839,406.02
			Less Previously Paid				<u>\$821,704.19</u>
			Total Amount Due				\$17,701.83

This estimate has been checked by the Engineering Department and we recommend that the above amount of \$17,701.83 be allowed.

Respectfully Submitted,



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