

July 19, 2018

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 11 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	1,294	Lin. Ft. of 15-Inch Sanitary Sewer Lining (CIPP)	@ \$ 40.00	Lin. Ft.	\$51,760.00
17	15	15	Sanitary Lateral Reinstatement	@ \$ 153.00	Each	\$2,295.00
18	15	15	Sanitary Lateral Connection Test and Seal	@ \$ 260.00	Each	\$3,900.00
19	10	10	Rehabilitate Sanitary Manhole with Cementitious Liner (Approx. 110 Vert. Ft.)	@ \$ 1,250.00	Each	\$12,500.00
20	4	4	Sanitary Manhole Bench / Invert / Trough Work Minor	@ \$ 521.00	Each	\$2,084.00
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	34	Sanitary Lateral Televising - Prepaving	@ \$ 290.00	Each	\$9,860.00
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	1,703.71	Tons of 1/4-Inch Dense Aggregate	@ \$	12.20	Tons	\$20,785.26
33	100	597.04	Tons of 1/4-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	1,936.33	Tons of HMA Pavement Type 5 LT 58-28 H	@ \$	50.95	Tons	\$98,656.01
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>\$991,098.71</u>
			Less Retainage				\$0.00
			Less Liquidated Damages (11 Days at \$500/Day)				<u>\$5,500.00</u>
			Total				<u>\$985,598.71</u>
			Less Previously Paid				<u>\$965,598.71</u>
			Total Amount Due				<u>\$20,000.00</u>

This estimate has been checked by the Engineering Department and we recommend that the above amount of \$20,000.00 be allowed.

Respectfully Submitted,



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