

July 17, 2014

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 5 to Willkomm Excavating & Grading, Inc., 17108 County Line Rd., Union Grove 53182 for Windsor Dr. and S. Charles St. Utility and Street Improvements (Concrete Alternate).

Contract No. 3857

3/4/2014

\$ 865,259.40

Item No	Quantity	Description		Cost	Per Unit	Amount
1	1,274	8-Inch Water Main and Fittings	@	\$76.20	Lin. Ft.	\$97,078.80
2	3	Furnish and Install 8-Inch Gate Valves	@	\$1,900.00	Each	\$5,700.00
3	3	Furnish and Install Hydrant Assembly	@	\$6,630.00	Each	\$19,890.00
4	2	Connect 1-Inch Copper Service Lateral (SL1)	@	\$740.00	Each	\$1,480.00
5	5	Connect 1-Inch Service Lateral (SL2)	@	\$950.00	Each	\$4,750.00
6	6	Connect Service Lateral (SL3)	@	\$1,560.00	Each	\$9,360.00
7	6	Connect Service Lateral (SL4)	@	\$2,220.00	Each	\$13,320.00
8	8	Connect Service Lateral (SL5)	@	\$2,200.00	Each	\$17,600.00
9	1	Connect Service Lateral (SL6)	@	\$2,120.00	Each	\$2,120.00
10	1	Connect 1/4-Inch Copper Service Lateral (SL7)	@	\$1,120.00	Each	\$1,120.00
11	1	Connect Service Lateral (SL8)	@	\$2,150.00	Each	\$2,150.00
12	3	Abandon Existing Hydrants	@	\$810.00	Each	\$2,430.00
13	1.00	Abandon Valve Boxes & Manholes	@	\$1,260.00	Lump Sum	\$1,260.00
14	490	8-Inch Sanitary Sewer Lining	@	\$28.10	Lin. Ft.	\$13,769.00
15	8	Lateral Reinstatements	@	\$132.00	Each	\$1,056.00
16	2	Lateral Location from the House	@	\$263.00	Each	\$526.00
17	15	Installation of Cleanout	@	\$1,420.00	Each	\$21,300.00
18	15	Lateral Cleaning and Pre-Lining Inspection	@	\$210.00	Each	\$3,150.00
19	15	Lateral Lining and Post-Lining Inspection	@	\$3,200.00	Each	\$48,000.00
20	0	Lateral Lining Beyond 40-Ft.	@	\$48.00	Lin. Ft.	\$0.00
21	0	Lateral Repair	@	\$3,500.00	Each	\$0.00
22	1	Lateral Replacement by Open Cut	@	\$2,640.00	Each	\$2,640.00
23	0	Bench / Invert / Trough Work Minor	@	\$885.00	Each	\$0.00
24	4	Sanitary Manhole Chimney Replacement	@	\$1,280.00	Each	\$5,120.00
25	4	Sanitary Manhole Internal Chimney Seal	@	\$425.00	Each	\$1,700.00
26	1,060	Pre-Paving Sanitary Sewer Main Line Televising	@	\$1.90	Lin. Ft.	\$2,014.00
27	20	Pre-Paving Sanitary Sewer Lateral Televising	@	\$185.00	Each	\$3,700.00
28	0	Slurry Backfill	@	\$63.00	Cu. Yd.	\$0.00
29	1,500	Non Metallic Conduit, Street Light, Polyethylene Duct, 2-Inch	@	\$16.20	Lin. Ft.	\$24,300.00
30	0	Street Light Pull Boxes, 15-Inch x 30-Inch	@	\$670.00	Each	\$0.00
31	5	Post Top Roadway Lighting Unit Concrete Base	@	\$790.00	Each	\$3,950.00
32	0	No. 4 AWG (Black)	@	\$1.40	Lin. Ft.	\$0.00
33	0	No. 4 AWG (Red)	@	\$1.40	Lin. Ft.	\$0.00
34	0	No. 4 AWG (White)	@	\$1.40	Lin. Ft.	\$0.00
35	0	No. 6 AWG (Green)	@	\$1.15	Lin. Ft.	\$0.00
36	0.8	Traffic Control	@	\$15,800.00	Lump Sum	\$12,640.00
37	80	Sawcutting at Pavement Limits	@	\$2.50	Lin. Ft.	\$200.00
38	2,500	Concrete Curb and Gutter Removal	@	\$2.40	Lin. Ft.	\$6,000.00
39	3,800	Pavement Removal	@	\$13.60	Sq. Yd.	\$51,680.00

40	4,100	Walk and Drive Approach Removal	@	\$1.00	Sq. Ft.	\$4,100.00
41	0	1¼-Inch Dense Aggregate	@	\$11.70	Ton	\$0.00
42	5,334.73	1¼-Inch Crushed Stone Backfill (Includes Undercut)	@	\$20.90	Ton	\$111,495.86
43	0	3-Inch Crushed Stone Backfill (Includes Undercut)	@	\$20.70	Ton	\$0.00
44	1,400	Shaping and Grading of Roadway Base	@	\$11.60	Lin. Ft.	\$16,240.00
45	6,000	Geotextile Fabric, Type SAS	@	\$1.90	Sq. Yd.	\$11,400.00
46	0	18-Inch Combination Concrete Curb and Gutter	@	\$23.70	Lin. Ft.	\$0.00
47	3,100	30-Inch Combination Concrete Curb and Gutter	@	\$13.10	Lin. Ft.	\$40,610.00
48	2,200	New 4-Inch Concrete Walk & Curb Ramps	@	\$3.60	Sq. Ft.	\$7,920.00
49	700	New 6-Inch Concrete Walk & Drive Approach	@	\$4.50	Sq. Ft.	\$3,150.00
50	1,000	New 7-Inch Concrete Walk & Drive Approach	@	\$5.00	Sq. Ft.	\$5,000.00
51	0	New Concrete Steps	@	\$42.00	Lin. Ft.	\$0.00
52	64	Detectable Warning Surface (8 Ramps)	@	\$36.80	Sq. Ft.	\$2,355.20
53	0	Concrete Curb - Pedestrian	@	\$26.30	Lin. Ft.	\$0.00
54	4,000	8-Inch Non-Reinforced Concrete Pavement	@	\$27.90	Ton	\$111,600.00
55	0	Intentionally Left Blank	@		Ton	\$0.00
56	0	4-Inch HMA Driveway	@	\$5.00	Sq. Ft.	\$0.00
57	0	Removal and Replacment of Salvaged Carriage Walk Stone	@	\$12.70	Sq. Ft.	\$0.00
58	0	Topsoil and Sod (Includes Stripping)	@	\$7.40	Sq. Yd.	\$0.00
59	0	Silt Fence, Delivered, Installed and Maintained	@	\$5.10	Lin. Ft.	\$0.00
60	6	Straw Bales Delivered, Installed and Maintained	@	\$11.00	Each	\$66.00
61	5	Filter Fabric Inlet Protection	@	\$50.00	Each	\$250.00
62	0	Extra Bags of Cement for High-Early-Strength Concrete	@	\$16.00	Each	\$0.00
Subtotal						<u>\$694,190.86</u>
Less Retainage						<u>\$21,631.49</u>
Subtotal						<u>\$672,559.37</u>
Less Amount Previously Paid						<u>\$487,174.17</u>
Total Amount Due						<u>\$185,385.20</u>

This estimate has been checked by the Engineering Department and we recommend that the above amount of \$185,385.20 be allowed.

Respectfully Submitted,



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