

February 7, 2019

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 14 (FINAL) to Zignego Co., Inc., W226 N2940 Duplainville Road, Waukesha, WI 53186
for NW Barstow Street Utility And Street Improvements.

Contract No. 3993

4/6/2017

\$1,027,162.50

Item No	Bid Quantity	Actual Quantity	Description	Cost	Per Unit	Amount
1	1,560	1,568	Lin. Ft. of 8-Inch Water Main and Fittings @	\$99.00	Lin. Ft.	\$155,232.00
2	4	4	Furnish and Install 8-Inch Gate Valves @	\$1,350.00	Each	\$5,400.00
3	4	4	Furnish and Install Hydrant Assembly @	\$4,450.00	Each	\$17,800.00
4	4	4	Connect Service Lateral (SL1) @	\$1,100.00	Each	\$4,400.00
5	11	12	Connect Service Lateral (SL2) @	\$1,500.00	Each	\$18,000.00
6	7	7	Connect Service Lateral (SL3) @	\$1,850.00	Each	\$12,950.00
7	1	1	Connect Service Lateral (SL4) @	\$1,150.00	Each	\$1,150.00
8	3	3	Connect Service Lateral (SL5) @	\$1,500.00	Each	\$4,500.00
9	1	1	Connect Service Lateral (SL6) @	\$1,400.00	Each	\$1,400.00
10	2	2	Connect Service Lateral (SL7) @	\$1,600.00	Each	\$3,200.00
11	10	1	Furnish and Install Curb Box & Rod (if needed) @	\$60.00	Each	\$60.00
12	10	0	Furnish and Install Curb Stop (if needed) @	\$80.00	Each	\$0.00
13	4	4	Abandon Existing Hydrant @	\$200.00	Each	\$800.00
14	1	1	Abandon Valve Boxes & Manholes @	\$500.00	Lump Sum	\$500.00
15	1,210	1,200	Lin. Ft. of 8-Inch Sanitary Sewer Lining (CIPP) @	\$20.00	Lin. Ft.	\$24,000.00
16	25	20	Lin Ft of 8-Inch Sanitary Sewer (PVC) @	\$150.00	Lin. Ft.	\$3,000.00
17	20	18	Sanitary Lateral Reinstatement @	\$80.00	Each	\$1,440.00
18	2	2	Sanitary Sewer Spot Repair @	\$4,500.00	Each	\$9,000.00
19	8.5	7.2	Vert. Ft. of Sanitary Manhole @	\$350.00	Vert. Ft.	\$2,520.00
20	5	4	Vert. Ft. of Sanitary Manhole Reconstruction @	\$300.00	Vert. Ft.	\$1,200.00
21	1	1	Sanitary Manhole Bench / Invert / Trough Work Minor @	\$750.00	Each	\$750.00
22	6	6	Sanitary Manhole Chinney Replacement @	\$450.00	Each	\$2,700.00
23	8	0	Sanitary Manhole Chimney Seals @	\$375.00	Each	\$0.00
24	38	38	Sanitary Lateral Televising - Preconstruction @	\$350.00	Each	\$13,300.00
25	26	25	Sanitary Lateral Cleanout @	\$1,150.00	Each	\$28,750.00
26	26	25	Sanitary Lateral Cleaning and Prelining Video Inspection @	\$275.00	Each	\$6,875.00
27	26	23	Sanitary Lateral Lining (CIPP) within 25 Ft. of Sewer Main @	\$3,820.00	Each	\$87,860.00
			Lin. Ft. of Sanitary Lateral Lining (CIPP)			
28	208	131.6	Additional Length over 25 Ft. from Sewer Main @	\$54.00	Lin. Ft.	\$7,106.40
29	16	32	Lin. Ft. of 24-Inch Storm Sewer (RSCP) @	\$65.00	Lin. Ft.	\$2,080.00
30	30	0	Lin. Ft. of 15-Inch Storm Sewer (RSCP) @	\$55.00	Lin. Ft.	\$0.00
31	61	60	Lin. Ft. of 12-Inch Storm Sewer (RSCP) @	\$50.00	Lin. Ft.	\$3,000.00
32	265	250	Lin. Ft. of 24-Inch of Storm Sewer lining (CIPP) @	\$77.00	Lin. Ft.	\$19,250.00
33	23	19.3	Vert. Ft. of Storm Inlets @	\$375.00	Vert. Ft.	\$7,237.50
34	1,291	0	Lin. Ft. of Sanitary Sewer Televising - Prepaving @	\$1.25	Lin. Ft.	\$0.00
35	360	0	Lin. Ft. of Storm Sewer Televising - Prepaving @	\$3.00	Lin. Ft.	\$0.00
36	26	0	Sanitary Lateral Televising - Prepaving @	\$240.00	Each	\$0.00
37	80	0	Cu. Yds. of Slurry Backfill @	\$60.00	Cu. Yd.	\$0.00
38	4,000	4,394	Lin. Ft. of Concrete Curb and Gutter Removal @	\$2.00	Lin. Ft.	\$8,788.00
39	6,500	6,751	Sq. Yds. of Pavement Removal @	\$11.10	Sq. Yd.	\$74,936.10

40	950	209	Lin. Ft. of Sawcutting at Pavement Limits	@	\$1.85	Lin. Ft.	\$386.65
41	4,800	3,880	Tons of 1/4-Inch Dense Aggregate	@	\$10.25	Ton	\$39,770.00
42	500	0	Tons of 1/4-Inch Crushed Stone Backfill (Includes Undercut)	@	\$10.00	Ton	\$0.00
43	900	1,871.97	Tons of 3-Inch Crushed Stone Backfill (Includes Undercut)	@	\$10.00	Ton	\$18,719.70
44	2,000	5,332.1	Sq. Yds. of Geotextile Fabric, Type SAS	@	\$2.00	Sq. Yd.	\$10,664.20
45	1	1.0	Traffic Control	@	\$12,668.00	Lump Sum	\$12,668.00
46	2,125	2,125	Lin. Ft. of Shaping and Grading Roadway Base	@	\$0.01	Lin. Ft.	\$21.25
47	16,100	4,792.6	Sq. Ft. of Walk and Approach Removal	@	\$0.75	Sq. Ft.	\$3,594.45
48	4,000	4,394	Lin. Ft. of 30-Inch Combination Concrete Curb and Gutter	@	\$15.00	Lin. Ft.	\$65,910.00
49	250	0	Lin. Ft. of Concrete Curb and Gutter Removal and Replacement	@	\$40.00	Lin. Ft.	\$0.00
50	9,300	7,841.64	Sq. Ft. of New 4-Inch Concrete Walk and Curb Ramps	@	\$4.70	Sq. Ft.	\$36,855.71
51	6,850	7,937.03	Sq. Ft. of New 6-Inch Concrete Walk and Drive Approach	@	\$5.00	Sq. Ft.	\$39,685.15
52	128	128	Sq. Ft. of Detectable Warning Surface	@	\$35.00	Sq. Ft.	\$4,480.00
53	50	42	Lin. Ft. of Concrete Curb – Pedestrian	@	\$40.00	Lin. Ft.	\$1,680.00
54	6,000	6,098.13	Sq. Yds. of 8-Inch Concrete Pavement	@	\$26.78	Sq. Yd.	\$163,307.92
55		0	INTENTIONALLY LEFT BLANK	@			\$0.00
56	4,600	5,232.2	Sq. Ft. of 5-Inch HMA Blend Area Pavement	@	\$4.50	Sq. Ft.	\$23,544.90
57	100	133.5	Sq. Ft. of 4-Inch HMA Pavement	@	\$5.60	Sq. Ft.	\$747.60
58	125	0	Sq. Yds. of Pavement Patching, Temporary, 2- Inch	@	\$35.00	Sq. Yd.	\$0.00
59	1,150	1,127	Lin. Ft. of Pavement Markings, Yellow, Epoxy, 4- Inch	@	\$2.20	Lin. Ft.	\$2,479.40
60	3,500	3,543.1	Topsoil and Sod (Includes Stripping)	@	\$7.35	Sq. Yd.	\$26,041.79
61	50	0	Lin. Ft. of Silt Fence, Delivered, Installed and Maintained	@	\$2.00	Lin. Ft.	\$0.00
62	20	0	Straw Bales Delivered, Installed and Maintained	@	\$9.00	Each	\$0.00
63	10	5.0	Filter Fabric Inlet Protection	@	\$48.00	Each	\$240.00
64	20	0	Extra Bags of Cement for High-Early-Strength Concrete	@	\$10.00	Each	\$0.00
Extra No. 1	325	325	6" Pipe Underdrain	@	\$12.00	Lin. Ft.	\$3,900.00
Extra No. 2	1	1	Sawing and Mudding Inlet	@	\$500.00	Each	\$500.00
Extra No. 3.	334	334	Sanitary Sewer Lining (CIPP) Change From 8" to 10"	@	\$3.00	Lin. Ft.	\$1,002.00
Extra No 4.	56	56	Lin Ft of Beam Guard	@	\$50.45	Lin. Ft.	\$2,825.20
			Subtotal				\$988,208.92
			Less Retainage				
			Subtotal				\$988,208.92
			Less Amount Previously Paid				\$962,529.86
			Total Amount Due				\$25,679.06

This estimate has been checked by the Engineering Department and we recommend that the above amount of \$25,679.06 be allowed.

Respectfully Submitted,



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