September 21, 2017

TO THE BOARD OF PUBLIC WORKS CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 1 to Musson Bros., Inc., 4215 N. 124th Street, Brookfield, WI 53005 for River Valley Rd. Sanitary Sewer Extension And Fire Station No. 3 Access Rd.

Contract No. 4014 6/20/2017 Original \$ 467,051.00

Item No	Bid Quantity	Completed Quantity	Description		Cost	Per Unit	Amount
1	740	653	Lin. Ft. 10" Sanitary Sewer	@	\$ 103.00	Lin. Ft.	\$67,259.00
2	660	16	Lin. Ft. 8" Sanitary Sewer	@	\$ 70.00	Lin, Ft,	\$1,120.00
3	30	0	Lin. Ft. 6" Sanitary Lateral	@	\$ 65.00	Lin. Ft.	\$0.00
4	160	160	Lin. Ft. Steel Casing	@	\$ 500.00	Lin. Ft.	\$80,000.00
5	80	28	Vert. Ft. 48" Sanitary Manhole	@	\$ 470.00	Vert. Ft.	\$13,070.70
6	12.5	0	Vert. Ft. 48" Sanitary Manhole with Outside Drop	@	\$ 650.00	Vert. Ft.	\$0.00
7	60	0	Sq. Yds. Pipe Insulation - 2-inch Extruded Polystyrene	@	\$ 28.00	Sq. Yd.	\$0.00
8	1	0	Inside Drop	@	\$ 3,500.00	Each	\$0.00
9	9	0	Chimney Seal	@	\$ 550.00	Each	\$0.00
10	1	1	20-Inch Water Main Offset	@	\$ 8,000.00	Each	\$8,000.00
11	1	0	8-Inch Water Main Offset	@	\$ 4,000.00	Each	\$0.00
12	132	0	Lin. Ft. of 24-Inch Storm Sewer (R.C.S.P)	@	\$ 75.00	Lin. Ft.	\$0.00
13	25	0	Lin. Ft. of 12-Inch Storm Sewer (R.C.S.P)	@	\$ 59.00	Lin. Ft.	\$0.00
14	4	0	24-Inch End Wall	@	\$ 760.00	Each	\$0.00
15	1	0	12-Inch End Wall	@	\$ 600.00	Each	\$0.00
16	1	0	Storm Inlet	@	\$ 3,700.00	Each	\$0.00
17	60	0	Cu. Yds. Slurry Backfill	@	\$ 60.00	Cu. Yd.	\$0.00
18	1300	0	Sq. Yds of Geotextile Fabric, Type SAS	@	\$ 3.00	Sq. Yd.	\$0.00
19	1100	0	Cu. Yds of Unclassified Excavation	@	\$ 8.40	Cu, Yd.	\$0.00
20	550	0	Tons of 1 1/4-Inch Dense Aggregate	@	\$ 16.00	Ton	\$0.00
21	200	0	Tons of 1 1/4-Inch Crushed Stone Backfill (Includes Undercut)	@	\$ 22.00	Ton	\$0.00
22	800	0	Pavement Patching, Temporary, 2-Inch	@	\$ 9.00	Sq. Ft.	\$0.00
23	210	0	Tons of HMA Pavement Type 3 Lt 58-28 H	@	\$ 85.00	Ton	\$0.00
24	140	0	Tons of HMA Pavement Type 5 Lt 58-28 H	@	\$ 100.00	Ton	\$0.00
25	600	0	Pavement Removal	@	\$ 5.00	Sq. Yd.	\$0.00
26	760	0	Lin. Ft. of Concrete Curb and Gutter	@	\$ 12.00	Lin, Ft.	\$0.00
27	500	0	Lin. Ft. of Shapping and Grading	@	\$ 10.00	Lin, Ft.	. \$0.00
28	250	0	Lin. Ft. of Saw Cutting	@	\$ 3.00	Lin. Ft.	\$0.00
29	800	0	Topsoil and Sod (Includes Stripping)	@	\$ 12.00	Sq. Yd.	\$0.00
30	2200	1,500	Lin. Ft. of Silt Fence, Delivered, Installed and maintained	@	\$ 2.00	Lin. Ft.	\$3,000.00
31	10	0	Straw Bales Delivered, Installed and Maintained	@	\$ 25.00	Each	\$0.00
32	4	0	Filter Fabric Inlet Protection	@	\$ 75.00	Each	\$0.00
33	12	0	WisDOT Item 634.0616, Posts Wood 4x6-Inch x 16-FT	@	\$ 120.00	Each	\$0.00
34	132	0	WisDOT Item 637.2210, Signs Type II Reflective H	@	\$ 35,00	Sq. Ft.	\$0.00
35	2	0	WisDOT Item 638.2102, Moving Signs Type II	@	\$ 200.00	Each /	\$0.00
36	4	0	WisDOT Item 638.3000, Removing Small Sign Supports	@	\$ 50.00	Each	\$0.00

37	750	0	WisDOT Item 652.0225, Conduit Rigid	@	\$	4.50	Lin. Ft.	\$0.00
38	450	0	Nonmetallic Schedule 40, 2-Inch WisDOT Item 652.0605, Conduit Special 2-Inch	@	\$	13.00	Lin. Ft.	\$0.00
39	13	0	(Direct Bore) WisDOT Item 653.0135, Pull Boxes Steel 24x36-	@	\$	700.00	Each	\$0.00
40	6	0	Inch WisDOT Item 654.0101, Concrete Bases Type 1	@	\$	615.00	Each	\$0.00
41	6000	0	WisDOT Item 655,0520, Electrical Wire Traffic Signals 8 AWG	@	\$	1.40	Lin. Ft.	\$0.00
42	6	0	WisDOT Item 657,0100, Pedestal Bases	@	\$	235.00	Each	\$0.00
43	6	0	WisDOT Item 657.0425, Traffic Signal Standards	@	\$	550.00	Each	\$0.00
44	12	0	Aluminum 15-FT WisDOT Item 658.0103, Traffic Signal Face 1 -	@	\$	180.00	Each	\$0.00
45	12	0	12-Inch Vertical WisDOT Item 658.0210, Backplates Signal Face 1	@	\$	88.00	Each	\$0.00
46	12	0	Section 12-Inch WisDOT Item 658.0605, LED Modules 12-Inch	@	\$	75.00	Each	\$0.00
47	1	0	Yellow Ball WisDOT Item 658.5069, Signal Mounting Hardware (All 6 poles. 12 Heads)	@	\$	1,900.00	Lump Sum	\$0.00
48	800	0	Pavement Marking Epoxy 4-Inch	@	\$	3.00	Lin. Ft.	\$0,00
49	50	0	Pavement Marking Epoxy 8-Inch	@	\$	6.00	Lin. Ft.	\$0.00
50	100	0	Pavement Marking Epoxy 18-Inch	@	\$	13.00	Lin. Ft.	\$0.00
51	4	0	Pavement Marking Arrows Epoxy Type 1	@	\$	150.00	Each	\$0.00
52	2	0	Payement Marking Arrows Epoxy Type 2	@	\$	150.00	Each	\$0.00
53	1	0	Fire Station EVP Activated Flashing LED Beacon	@	\$	7,000.00	Lump Sum	\$0.00
			Control System	_				\$0.00
54	1	0	Traffic Control	. @	\$	15,000.00	Lump Sum	\$169,449.70
	Total Less Retainage							
Total								\$160,977.21
Less Previosuly Paid								\$0.00
Total Amount Due								\$160,977.21

This estimate has been checked by the Engineering Department and we recommend that the above amount of \$160,977.21 be allowed.

Respectfully Submitted,

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