

May 4, 2017

TO THE BOARD OF PUBLIC WORKS
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 2 to MP Systems, Inc., 5477 S. West Ridge, New Berlin, WI 53151 for Kossow Road & Abbott Drive Traffic Signal Installation.

Contract No. 3973

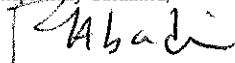
12/20/2016

\$ 128,608.28

Item No	Quantity	Description	Cost	Per Unit	Amount
647.0566	72	Pavement Marking Stop Line Epoxy 18-Inch	@ 25.67	Lin. Ft.	\$1,848.24
654.0217	1	Concrete Control Cabinet Bases Type 9 Special	@ \$1,324.00	Each	\$1,324.00
655.0230	1,631	Cable Traffic Signal 5-14 AWG	@ \$0.76	Lin. Ft.	\$1,239.56
655.0240	347	Cable Traffic Signal 7-14 AWG	@ \$0.91	Lin. Ft.	\$315.77
655.0260	1,639	Cable Traffic Signal 12-14 AWG	@ \$1.50	Lin. Ft.	\$2,458.50
655.0320	1,283	Cable Type UF 2-10 AWG Grounded	@ \$0.98	Lin. Ft.	\$1,257.34
655.0515	1,658	Electrical Wire Traffic Signals 10 AWG	@ \$0.59	Lin. Ft.	\$978.22
655.0615	1,254	Electrical Wire Lighting 10 AWG	@ \$0.59	Lin. Ft.	\$739.86
656.0200.01	1	Electrical Service Meter Breaker Pedestal (Kossow Rd & Abbott Dr)	@ \$775.44	Lump Sum	\$775.44
657.0100	6	Pedestal Bases	@ \$131.86	Each	\$791.16
657.0255	7	Transformer Bases Breakaway 11 1/2-Inch Bolt Circle	@ \$322.81	Each	\$2,259.67
657.0310	2	Poles Type 3	@ \$2,293.79	Each	\$4,587.58
657.0315	2	Poles Type 4	@ \$1,154.97	Each	\$2,309.94
657.0322	3	Poles Type 5 - Aluminum	@ \$1,020.81	Each	\$3,062.43
657.0420	2	Traffic Signal Standards Aluminum 13-FT	@ \$480.35	Each	\$960.70
657.0425	2	Traffic Signal Standards Aluminum 15-FT	@ \$492.01	Each	\$984.02
657.0430	2	Traffic Signal Standards Aluminum 10-FT	@ \$352.63	Each	\$705.26
657.0590	1	Trombone Arms 20-FT	@ \$1,371.57	Each	\$1,371.57
657.0595	1	Trombone Arms 25-FT	@ \$1,569.89	Each	\$1,569.89
657.0609	4	Luminaire Arms Single Member 4-Inch Clamp 6-FT	@ \$188.59	Each	\$754.36
657.0610	4	Luminaire Arms Single Member 4 1/2-Inch Clamp 6-FT	@ \$188.59	Each	\$754.36
657.0714	2	Luminaire Arms Truss Type 4-Inch Clamp 15-FT	@ \$433.57	Each	\$867.14
658.0110	12	Traffic Signal Face 3-12 Inch Vertical	@ \$329.93	Each	\$3,959.16
658.0115	4	Traffic Signal Face 4-12 Inch Vertical	@ \$399.93	Each	\$1,599.72
658.0215	12	Backplates Signal Face 3 Section 12-Inch	@ \$63.64	Each	\$763.68
658.0220	4	Backplates Signal Face 4 Section 12-Inch	@ \$69.47	Each	\$277.88
658.0416	8	Pedestrian Signal Face 16-Inch	@ \$160.63	Each	\$1,285.04
658.06	12	LED Modules 12-Inch Red Ball	@ \$54.18	Each	\$650.16
658.0605	12	LED Modules 12-Inch Yellow Ball	@ \$55.35	Each	\$664.20
658.061	12	LED Modules 12-Inch Green Ball	@ \$56.51	Each	\$678.12
658.0615	4	LED Modules 12-Inch Red Arrow	@ \$54.18	Each	\$216.72
658.062	8	LED Modules 12-Inch Yellow Arrow	@ \$55.35	Each	\$442.80
658.0625	4	LED Modules 12-Inch Green Arrow	@ \$56.51	Each	\$226.04
658.0635	8	LED Modules Pedestrian Countdown Timer 16-Inch	@ \$180.17	Each	\$1,441.36
658.5069.01	1	Signal Mounting Hardware (Kossow Rd & Abbot Dr)	@ \$2,883.41	Lump Sum	\$2,883.41
659.1125	10	Luminaires Utility LED C	@ \$798.46	Each	\$7,984.60
SPV.0060.01	2	Poles Type 9	@ \$5,280.10	Each	\$10,560.20
SPV.0060.02	1	Monotube Arms 25-FT	@ \$2,450.79	Each	\$2,450.79
SPV.0060.03	0	Monotube Arms 30-FT	@ \$2,474.12	Each	\$0.00
SPV.0060.04	1	Traffic Signal Controller And Cabinet 8-Phase Fully Actuated (Kossow Rd. & Abbott Dr)	@ \$22,222.75	Each	\$22,222.75
SPV.0105.01	1	Video Vehicle Detection System (Kossow Rd. & Abbott Dr)	@ \$22,289.63	Lump Sum	\$22,289.63
SPV.0105.02	1	Emergency Vehicle Preemption System (Kossow Rd. & Abbott Dr)	@ \$7,333.92	Lump Sum	\$7,333.92
SPV.0105.03	0	Verify Existing Underground Equipment (Kossow Rd. & Abbott Dr)	@ \$174.78	Lump Sum	\$0.00
SPV.0105.04	1	Audible Pedestrian Push Button System (Kossow Rd & Abbott Dr)	@ \$8,641.67	Lump Sum	\$8,641.67
		Subtotal			\$128,486.86
		Retainage			\$3,215.21
		Subtotal			\$125,271.65
		Less Amount Previously Paid			\$75,957.46
		Total Amount Due			\$49,314.19

This estimate has been checked by the Engineering Department and we recommend that the above amount of \$49,314.19 be allowed.

Respectfully Submitted,



Fred V. Abadi, PhD., P.E.

Director of Public Works