

March 23, 2017

TO THE BOARD OF PUBLIC WORKS  
CITY OF WAUKESHA, WISCONSIN

Periodical estimate for Partial Payment No. 1 to MP Systems, Inc., 5477 S. West Ridge, New Berlin, WI 53151 for Kossow Road & Abbott Drive Traffic Signal Installation.

Contract No. 3973

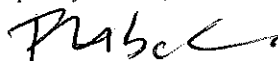
12/20/2016

\$ 128,608.28

Item No	Quantity	Description		Cost	Per Unit	Amount
647.0566	0	PAVEMENT MARKING STOP LINE EPOXY 18-INCH	@	25.67	Lin. Ft.	\$0.00
654.0217	1	CONCRETE CONTROL CABINET BASES TYPE 9 SPECIAL	@	\$1,324.00	Each	\$1,324.00
655.0230	0	CABLE TRAFFIC SIGNAL 5-14 AWG	@	\$0.76	Lin. Ft.	\$0.00
655.0240	0	CABLE TRAFFIC SIGNAL 7-14 AWG	@	\$0.91	Lin. Ft.	\$0.00
655.0260	0	CABLE TRAFFIC SIGNAL 12-14 AWG	@	\$1.50	Lin. Ft.	\$0.00
655.0320	0	CABLE TYPE UF 2-10 AWG GROUNDED	@	\$0.98	Lin. Ft.	\$0.00
655.0515	0	ELECTRICAL WIRE TRAFFIC SIGNALS 10 AWG	@	\$0.59	Lin. Ft.	\$0.00
655.0615	0	ELECTRICAL WIRE LIGHTING 10 AWG	@	\$0.59	Lin. Ft.	\$0.00
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	1	POLES TYPE 3	@	\$2,293.79	Each	\$2,293.79
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	1	LUMINAIRE ARMS TRUSS TYPE 4-INCH CLAMP 15-FT	@	\$433.57	Each	\$433.57
658.0110	8	TRAFFIC SIGNAL FACE 3-12 INCH VERTICAL	@	\$329.93	Each	\$2,639.44
658.0115	4	TRAFFIC SIGNAL FACE 4-12 INCH VERTICAL	@	\$399.93	Each	\$1,599.72
658.0215	8	BACKPLATES SIGNAL FACE 3 SECTION 12-INCH	@	\$63.64	Each	\$509.12
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	8	LED MODULES 12-INCH RED BALL	@	\$54.18	Each	\$433.44
658.0605	8	LED MODULES 12-INCH YELLOW BALL	@	\$55.35	Each	\$442.80
658.061	8	LED MODULES 12-INCH GREEN BALL	@	\$56.51	Each	\$452.08
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 & ABBOTT DR)	@	\$2,883.41	Lump Sum	\$2,883.41
659.1125	0	LUMINAIRES UTILITY LED C	@	\$798.46	Each	\$0.00
SPV.0060.01	0	POLES TYPE 9	@	\$5,280.10	Each	\$0.00
SPV.0060.02	0	MONOTUBE ARMS 25-FT	@	\$2,450.79	Each	\$0.00
SPV.0060.03	0	MONOTUBE ARMS 30-FT	@	\$2,474.12	Each	\$0.00
SPV.0060.04	0.8	TRAFFIC SIGNAL CONTROLLER AND CABINET 8-PHASE FULLY ACTUATED (KOSSOW RD & ABBOTT DR)	@	\$22,222.75	Each	\$17,778.20
SPV.0105.01	0.8	VIDEO VEHICLE DETECTION SYSTEM (KOSSOW RD & ABBOTT DR)	@	\$22,289.63	Lump Sum	\$17,831.70
SPV.0105.02	0.8	EMERGENCY VEHICLE PREEMPTION SYSTEM (KOSSOW RD & ABBOTT DR)	@	\$7,333.92	Lump Sum	\$5,867.14
SPV.0105.03	1	VERIFY EXISTING UNDERGROUND EQUIPMENT (KOSSOW RD & ABBOTT DR)	@	\$174.78	Lump Sum	\$174.78
SPV.0105.04	0.5	AUDIBLE PEDESTRIAN PUSH BUTTON SYSTEM (KOSSOW RD & ABBOTT DR)	@	\$8,641.67	Lump Sum	\$4,320.84
Subtotal						\$79,172.67
Retainage						\$3,215.21
Total Amount Due						\$75,957.46

This estimate has been checked by the Engineering Department and we recommend that the above amount of \$75,957.46 be allowed.

Respectfully Submitted,



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