

TRAFFIC SIGNAL INTERCONNECT AND SIGNAL TIMING
CONTRACT NUMBER 53-10 (K1-068)

Receive bids: Thursday, August 4, 2011, Room 301, 2:00 PM Local Time
Office of the Commissioner of Public Works
Racine, WI

				Pro Electric Franksville, WI 5% Bid Bond		Outdoor Lighting Const. Co., Inc. Milwaukee, WI 5% Bid Bond		Pieper Electric, Inc. Milwaukee, WI 5% Bid Bond	
STNO	QUANTITY	ITEM	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	
1	204.01	180 SY	Removing Concrete Sidewalk	\$24.12	\$4,341.60	\$20.00	\$3,600.00	\$28.50	\$5,130.00
2	602.04	1540 SF	Concrete Sidewalk, 4-Inch	\$11.22	\$17,278.80	\$11.30	\$17,402.00	\$6.80	\$10,472.00
3	602.04	80 SF	Concrete Sidewalk, 6-Inch	\$16.83	\$1,346.40	\$13.00	\$1,040.00	\$7.35	\$588.00
4	602.05	8 SF	Curb Ramp Detectable Warning Field Yellow	\$84.15	\$673.20	\$50.00	\$400.00	\$45.25	\$362.00
5	652.04	400 LF	Conduit Reinforced Thermosetting Resin 2 Inch	\$36.31	\$14,524.00	\$39.11	\$15,644.00	\$105.10	\$42,040.00
6	671.02	20880 LF	Conduit HDPE Directional Bore 1 Duct, 2 Inch	\$12.94	\$270,187.20	\$12.70	\$265,176.00	\$17.20	\$359,136.00
7	653.01	34 EA	Pull Boxes, Steel 24x42-Inch, Grounded	\$743.96	\$25,294.64	\$767.80	\$26,105.20	\$680.00	\$23,120.00
8	653.09	6 EA	Removing Pull Box	\$125.99	\$755.94	\$211.50	\$1,269.00	\$210.00	\$1,260.00
9	673.01	15 EA	Communication Vault Type 1	\$1,641.26	\$24,618.90	\$2,285.50	\$34,282.50	\$1,813.00	\$27,195.00
10	900.4	1667 LF	Dielectric Fiber Optic Cable, 6-CT, Furnish and Install	\$1.19	\$1,983.73	\$1.77	\$2,950.59	\$0.84	\$1,400.28
11	900.4	2659 LF	Dielectric Fiber Optic Cable, 12-CT, Furnish and Install	\$1.23	\$3,270.57	\$1.81	\$4,812.79	\$1.20	\$3,190.80
12	900.4	25337 LF	Dielectric Fiber Optic Cable,48-CT, Furnish and Install	\$1.46	\$36,992.02	\$2.05	\$51,940.85	\$1.60	\$40,539.20
13	900.11	46 SY	Topsoil, Seeding and Fertilizing	\$72.93	\$3,354.78	\$10.00	\$460.00	\$56.60	\$2,603.60
14	900.13	648 LF	Full Depth Sawcut	\$2.81	\$1,820.88	\$2.00	\$1,296.00	\$4.45	\$2,883.60
15	900.4	1 LS	City Hall Hub	\$19,193.63	\$19,193.63	\$27,426.00	\$27,426.00	\$17,950.00	\$17,950.00
16	900.4	1 LS	Traffic Signal Optimization Software and Training	\$36,073.42	\$36,073.42	\$48,702.00	\$48,702.00	\$38,100.00	\$38,100.00
17	900.4	1 LS	Traffic Signal Management System, Upgrade	\$50,244.59	\$50,244.59	\$60,062.50	\$60,062.50	\$55,625.00	\$55,625.00
18	900.4	27579 LF	Fiber Optic Tracer Cable #12 AWG	\$0.59	\$16,271.61	\$0.34	\$9,376.86	\$0.20	\$5,515.80
19	900.4	16 EA	Fiber Splice, Main Line and Drop	\$1,938.82	\$31,021.12	\$1,831.00	\$29,296.00	\$2,055.00	\$32,880.00
20	900.4	13 EA	Pre-Terminated Patch Panel with 6-Ports	\$689.50	\$8,963.50	\$518.00	\$6,734.00	\$580.00	\$7,540.00
21	900.4	2 EA	Termination Panel with 6/12 Ports Single Mode	\$556.40	\$1,112.80	\$550.00	\$1,100.00	\$615.00	\$1,230.00
22	900.4	21 EA	IP Ethernet Switch with Single Mode Fiber Ports	\$1,570.28	\$32,975.88	\$1,536.00	\$32,256.00	\$1,740.00	\$36,540.00
23	900.4	3 EA	IP Ethernet Switch with Multi Mode Fiber Ports	\$1,490.48	\$4,471.44	\$1,472.00	\$4,416.00	\$1,650.00	\$4,950.00
24	900.4	22 EA	IP Terminal Server, Single Port	\$562.02	\$12,364.44	\$555.00	\$12,210.00	\$625.00	\$13,750.00
25	900.4	11 EA	Internal Data Modem	\$337.21	\$3,709.31	\$333.00	\$3,663.00	\$375.00	\$4,125.00
26	900.4	7 EA	IP Video Encoder, Single Port	\$1,230.82	\$8,615.74	\$1,215.00	\$8,505.00	\$1,365.00	\$9,555.00
27	900.4	2 EA	Video Detection System, 2 Cameras	\$13,763.11	\$27,526.22	\$13,658.80	\$27,317.60	\$13,480.00	\$26,960.00
28	900.4	2 EA	Microwave Based Traffic Sensor	\$5,864.49	\$11,728.98	\$6,060.40	\$12,120.80	\$6,365.00	\$12,730.00
29	900.4	10 EA	IP Wireless Radio, Furnish	\$1,756.68	\$17,566.80	\$1,660.00	\$16,600.00	\$1,860.00	\$18,600.00
30	900.4	10 EA	IP Wireless Radio, Install	\$950.48	\$9,504.80	\$758.00	\$7,580.00	\$980.00	\$9,800.00
31	900.46	5 EA	Install Conduit Into Existing Pull Box	\$445.54	\$2,227.70	\$98.00	\$490.00	\$135.00	\$675.00
32	ASP.1.TOG	500 Hrs	On the Job training	\$5.00	\$2,500.00	\$5.00	\$2,500.00	\$5.00	\$2,500.00
33	ASP.1.TOA	500 Hrs	On the Job training	\$5.00	\$2,500.00	\$5.00	\$2,500.00	\$5.00	\$2,500.00
TOTAL AMOUNT OF THIS PROPOSAL:					\$705,014.64		\$739,234.69		\$821,446.28