

**CITY OF WOOSTER
TRAFFIC SIGNAL REPLACEMENTS
BID TABULATIONS
BID DATE: 11/17/2021**

ITEM	DESCRIPTION	QUANTITY	UNIT	ENGINEER'S ESTIMATE		BIDDER NAME :	Perram Electric, Inc.		Miller Cable Company		Signal Service Company		Greenwich Electric, Inc.		S.E.T., Inc.	
				UNIT COST	TOTAL		UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
MARKET STREET SIGNALS - HENRY STREET & SOUTH STREET																
ROADWAY																
1	202	WALK REMOVED	2368	SF	\$ 2.50	\$ 5,920.00	\$ 4.70	\$ 11,129.60	\$ 6.00	\$ 14,208.00	\$ 6.84	\$ 16,197.12	\$ 4.95	\$ 11,721.60	\$ 2.00	\$ 4,736.00
2	202	CURB REMOVED	9	FT	\$ 20.00	\$ 180.00	\$ 11.80	\$ 106.20	\$ 18.00	\$ 162.00	\$ 36.24	\$ 326.16	\$ 12.35	\$ 111.15	\$ 30.00	\$ 270.00
3	202	CURB AND GUTTER REMOVED	34	FT	\$ 15.00	\$ 510.00	\$ 12.50	\$ 425.00	\$ 20.00	\$ 680.00	\$ 42.00	\$ 1,428.00	\$ 13.15	\$ 447.10	\$ 15.00	\$ 510.00
4	608	4" CONCRETE WALK, AS PER PLAN	1429	SF	\$ 7.00	\$ 10,003.00	\$ 9.00	\$ 12,861.00	\$ 10.00	\$ 14,290.00	\$ 13.00	\$ 18,577.00	\$ 10.50	\$ 15,004.50	\$ 11.00	\$ 15,719.00
5	608	WALKWAY, MISCELLANEOUS PAVERS REMOVED AND RESET	939	SF	\$ 25.00	\$ 23,475.00	\$ 12.50	\$ 11,737.50	\$ 35.00	\$ 32,865.00	\$ 35.70	\$ 33,522.30	\$ 30.65	\$ 28,780.35	\$ 18.00	\$ 16,902.00
6	609	COMBINATION CURB AND GUTTER	34	SF	\$ 44.00	\$ 1,496.00	\$ 497.00	\$ 16,898.00	\$ 40.00	\$ 1,360.00	\$ 92.40	\$ 3,141.60	\$ 42.00	\$ 1,428.00	\$ 64.00	\$ 2,176.00
7	609	CURB, TYPE 6	9	FT	\$ 36.00	\$ 324.00	\$ 145.00	\$ 1,305.00	\$ 37.00	\$ 333.00	\$ 80.84	\$ 727.56	\$ 36.75	\$ 330.75	\$ 92.00	\$ 828.00
8	638	FIRE HYDRANT REMOVED AND RESET	1	FT	\$ 4,000.00	\$ 4,000.00	\$ 297.00	\$ 297.00	\$ 5,100.00	\$ 5,100.00	\$ 6,300.00	\$ 6,300.00	\$ 5,750.00	\$ 5,750.00	\$ 3,300.00	\$ 3,300.00
TRAFFIC CONTROL																
9	630	SIGN ATTACHMENT ASSEMBLY, MAST ARM, AS PER PLAN (EXTRUSHEET)	6	EA	\$ 420.00	\$ 2,520.00	\$ 845.00	\$ 5,070.00	\$ 635.00	\$ 3,810.00	\$ 650.00	\$ 3,900.00	\$ 700.00	\$ 4,200.00	\$ 690.00	\$ 4,140.00
10	630	SIGN ATTACHMENT ASSEMBLY, MAST ARM, AS PER PLAN (FLAT SHEET)	4	EA	\$ 420.00	\$ 1,680.00	\$ 235.00	\$ 940.00	\$ 465.00	\$ 1,860.00	\$ 215.00	\$ 860.00	\$ 280.00	\$ 1,120.00	\$ 520.00	\$ 2,080.00
11	630	SIGN SUPPORT ASSEMBLY, POLE MOUNTED	4	EA	\$ 68.00	\$ 272.00	\$ 140.00	\$ 560.00	\$ 225.00	\$ 900.00	\$ 45.00	\$ 180.00	\$ 120.00	\$ 480.00	\$ 115.00	\$ 460.00
12	630	SIGN, FLAT SHEET	63	SF	\$ 20.00	\$ 1,260.00	\$ 21.35	\$ 1,345.05	\$ 22.00	\$ 1,386.00	\$ 12.00	\$ 756.00	\$ 21.00	\$ 1,323.00	\$ 30.00	\$ 1,890.00
13	642	SIGN, OVERHEAD EXTRUSHEET	98	SF	\$ 20.00	\$ 1,960.00	\$ 28.70	\$ 2,812.60	\$ 27.00	\$ 2,646.00	\$ 20.00	\$ 1,960.00	\$ 29.75	\$ 2,915.50	\$ 40.00	\$ 3,920.00
TRAFFIC SIGNALS																
14	625	CONDUIT, 1 1/2", 725.051	70	FT	\$ 4.00	\$ 280.00	\$ 11.95	\$ 836.50	\$ 5.00	\$ 350.00	\$ 5.50	\$ 385.00	\$ 8.50	\$ 595.00	\$ 5.00	\$ 350.00
15	625	CONDUIT, 2", 725.051	12	FT	\$ 10.00	\$ 120.00	\$ 19.20	\$ 230.40	\$ 11.00	\$ 132.00	\$ 14.00	\$ 168.00	\$ 19.00	\$ 228.00	\$ 12.00	\$ 144.00
16	625	CONDUIT, 3", 725.051	37	FT	\$ 10.00	\$ 370.00	\$ 15.65	\$ 579.05	\$ 14.00	\$ 518.00	\$ 20.00	\$ 740.00	\$ 22.00	\$ 814.00	\$ 9.00	\$ 333.00
17	625	CONDUIT, 4", 725.051	56	FT	\$ 10.00	\$ 560.00	\$ 21.80	\$ 1,220.80	\$ 20.00	\$ 1,120.00	\$ 17.75	\$ 994.00	\$ 24.50	\$ 1,372.00	\$ 15.00	\$ 840.00
18	625	CONDUIT, JACKED OR DRILLED, AS PER PLAN, 2"	64	FT	\$ 45.00	\$ 2,880.00	\$ 42.50	\$ 2,720.00	\$ 30.00	\$ 1,920.00	\$ 37.00	\$ 2,368.00	\$ 34.00	\$ 2,176.00	\$ 60.00	\$ 3,840.00
19	625	CONDUIT, JACKED OR DRILLED, AS PER PLAN, 3"	213	FT	\$ 50.00	\$ 10,650.00	\$ 39.55	\$ 8,424.15	\$ 34.00	\$ 7,242.00	\$ 55.40	\$ 11,800.20	\$ 39.00	\$ 8,307.00	\$ 65.00	\$ 13,845.00
20	625	CONDUIT, JACKED OR DRILLED, AS PER PLAN, 4"	125	FT	\$ 55.00	\$ 6,875.00	\$ 43.55	\$ 5,443.75	\$ 42.00	\$ 5,250.00	\$ 59.30	\$ 7,412.50	\$ 46.00	\$ 5,750.00	\$ 70.00	\$ 8,750.00
21	625	TRENCH	175	FT	\$ 9.00	\$ 1,575.00	\$ 25.85	\$ 4,523.75	\$ 15.00	\$ 2,625.00	\$ 8.50	\$ 1,487.50	\$ 12.00	\$ 2,100.00	\$ 20.00	\$ 3,500.00
22	625	PULL BOX, 725.06, SIZE 18, AS PER PLAN	8	EA	\$ 800.00	\$ 6,400.00	\$ 1,285.00	\$ 10,280.00	\$ 1,200.00	\$ 9,600.00	\$ 795.00	\$ 6,360.00	\$ 1,445.00	\$ 11,560.00	\$ 1,000.00	\$ 8,000.00
23	625	GROUND ROD	12	EA	\$ 240.00	\$ 2,880.00	\$ 261.00	\$ 3,132.00	\$ 300.00	\$ 3,600.00	\$ 205.00	\$ 2,460.00	\$ 265.00	\$ 3,180.00	\$ 270.00	\$ 3,240.00
24	625	UNDERGROUND WARNING/MARKING TAPE	175	FT	\$ 1.00	\$ 175.00	\$ 0.10	\$ 17.50	\$ 0.75	\$ 131.25	\$ 0.25	\$ 43.75	\$ 0.45	\$ 78.75	\$ 2.00	\$ 350.00
25	632	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATED, AS PER PLAN	12	EA	\$ 850.00	\$ 10,200.00	\$ 745.00	\$ 8,940.00	\$ 1,200.00	\$ 14,400.00	\$ 800.00	\$ 9,600.00	\$ 854.00	\$ 10,248.00	\$ 860.00	\$ 10,320.00
26	632	PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, AS PER PLAN	16	EA	\$ 500.00	\$ 8,000.00	\$ 470.00	\$ 7,520.00	\$ 600.00	\$ 9,600.00	\$ 415.00	\$ 6,640.00	\$ 486.00	\$ 7,776.00	\$ 450.00	\$ 7,200.00
27	632	COVERING OF VEHICULAR SIGNAL HEAD	12	EA	\$ 40.00	\$ 480.00	\$ 10.00	\$ 120.00	\$ 80.00	\$ 960.00	\$ 10.00	\$ 120.00	\$ 15.00	\$ 180.00	\$ 50.00	\$ 600.00
28	632	PEDESTRIAN PUSHBUTTON, AS PER PLAN	16	EA	\$ 350.00	\$ 5,600.00	\$ 306.00	\$ 4,896.00	\$ 250.00	\$ 4,000.00	\$ 200.00	\$ 3,200.00	\$ 265.00	\$ 4,240.00	\$ 210.00	\$ 3,360.00
29	632	SIGNAL CABLE, 4 CONDUCTOR, NO. 14 AWG	1033	FT	\$ 2.00	\$ 2,066.00	\$ 2.01	\$ 2,076.33	\$ 2.20	\$ 2,272.60	\$ 1.20	\$ 1,239.60	\$ 2.25	\$ 2,324.25	\$ 2.50	\$ 2,582.50
30	632	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG	1848	FT	\$ 2.00	\$ 3,696.00	\$ 2.07	\$ 3,825.36	\$ 2.28	\$ 4,213.44	\$ 1.40	\$ 2,587.20	\$ 2.25	\$ 4,158.00	\$ 3.00	\$ 5,544.00
31	632	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG	1973	FT	\$ 3.00	\$ 5,919.00	\$ 2.32	\$ 4,577.36	\$ 2.67	\$ 5,267.91	\$ 1.70	\$ 3,354.10	\$ 2.65	\$ 5,228.45	\$ 3.00	\$ 5,919.00
32	632	SIGNAL SUPPORT FOUNDATION, AS PER PLAN	6	EA	\$ 4,500.00	\$ 27,000.00	\$ 2,970.00	\$ 17,820.00	\$ 4,850.00	\$ 29,100.00	\$ 2,900.00	\$ 17,400.00	\$ 3,700.00	\$ 22,200.00	\$ 5,200.00	\$ 31,200.00
33	632	PEDESTAL FOUNDATION, AS PER PLAN	2	EA	\$ 1,000.00	\$ 2,000.00	\$ 725.00	\$ 1,450.00	\$ 785.00	\$ 1,570.00	\$ 880.00	\$ 1,760.00	\$ 850.00	\$ 1,700.00	\$ 950.00	\$ 1,900.00
34	632	POWER CABLE, 3 CONDUCTOR, NO. 8 AWG	176	FT	\$ 5.00	\$ 880.00	\$ 10.75	\$ 1,892.00	\$ 5.00	\$ 880.00	\$ 4.40	\$ 774.40	\$ 4.50	\$ 792.00	\$ 5.00	\$ 880.00
35	632	POWER SERVICE, AS PER PLAN	2	EA	\$ 2,500.00	\$ 5,000.00	\$ 2,530.00	\$ 5,060.00	\$ 1,600.00	\$ 3,200.00	\$ 2,000.00	\$ 4,000.00	\$ 4,000.00	\$ 8,000.00	\$ 3,000.00	\$ 6,000.00
36	632	CONDUIT RISER, 1 1/2"	2	EA	\$ 650.00	\$ 1,300.00	\$ 605.00	\$ 1,210.00	\$ 350.00	\$ 700.00	\$ 150.00	\$ 300.00	\$ 665.00	\$ 1,330.00	\$ 550.00	\$ 1,100.00
37	632	SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 2, AS PER PLAN	5	EA	\$ 6,500.00	\$ 32,500.00	\$ 6,910.00	\$ 34,550.00	\$ 6,500.00	\$ 32,500.00	\$ 7,750.00	\$ 38,750.00	\$ 7,060.00	\$ 35,300.00	\$ 8,200.00	\$ 41,000.00
38	632	SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 4, AS PER PLAN	1	EA	\$ 9,000.00	\$ 9,000.00	\$ 9,770.00	\$ 9,770.00	\$ 9,800.00	\$ 9,800.00	\$ 11,000.00	\$ 11,000.00	\$ 10,125.00	\$ 10,125.00	\$ 1,160.00	\$ 11,600.00
39	632	FOUNDATION TEST HOLE	2	EA	\$ 300.00	\$ 600.00	\$ 325.00	\$ 650.00	\$ 100.00	\$ 200.00	\$ 300.00	\$ 600.00	\$ 250.00	\$ 500.00	\$ 500.00	\$ 1,000.00
40	632	PEDESTAL, 8", TRANSFORMER BASE, AS PER PLAN	2	EA	\$ 900.00	\$ 1,800.00	\$ 915.00	\$ 1,830.00	\$ 1,225.00	\$ 2,450.00	\$ 550.00	\$ 1,100.00	\$ 655.00	\$ 1,310.00	\$ 1,200.00	\$ 2,400.00
41	632	REMOVAL OF TRAFFIC SIGNAL INSTALLATION	2	EA	\$ 2,200.00	\$ 4,400.00	\$ 1,200.00	\$ 2,400.00	\$ 1,250.00	\$ 2,500.00	\$ 4,500.00	\$ 9,000.00	\$ 3,750.00	\$ 7,500.00	\$ 3,200.00	\$ 6,400.00
42	633	CABINET FOUNDATION, AS PER PLAN	2	EA	\$ 2,600.00	\$ 5,200.00	\$ 2,420.00	\$ 4,840.00	\$ 3,350.00	\$ 6,700.00	\$ 900.00	\$ 1,800.00	\$ 3,000.00	\$ 6,000.00	\$ 2,500.00	\$ 5,000.00
43	633	COMMUNICATIONS, AS PER PLAN	2	FT	\$ 1,500.00	\$ 3,000.00	\$ 1,545.00	\$ 3,090.00	\$ 1,700.00	\$ 3,400.00	\$ 2,300.00	\$ 4,600.00	\$ 2,745.00	\$ 5,490.00	\$ 2,000.00	\$ 4,000.00
44	633	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN	2	EA	\$ 6,000.00	\$ 12,000.00	\$ 5,685.00	\$ 11,370.00	\$ 5,650.00	\$ 11,300.00	\$ 6,200.00	\$ 12,400.00	\$ 5,760.00	\$ 11,520.00	\$ 5,600.00	\$ 11,200.00

97	633	PREEMPTION RECEIVING UNIT, AS PER PLAN	7	EA	\$ 750.00	\$ 5,250.00	\$ 851.00	\$ 5,957.00	\$ 1,150.00	\$ 8,050.00	\$ 830.00	\$ 5,810.00	\$ 840.00	\$ 5,880.00	\$ 880.00	\$ 6,160.00
98	633	PREEMPTION DETECTOR CABLE, AS PER PLAN	1,175	FT	\$ 2.00	\$ 2,350.00	\$ 1.65	\$ 1,938.75	\$ 2.00	\$ 2,350.00	\$ 0.70	\$ 822.50	\$ 1.60	\$ 1,880.00	\$ 2.00	\$ 2,350.00
99	633	PREEMPTION PHASE SELECTOR, AS PER PLAN	2	EA	\$ 4,000.00	\$ 8,000.00	\$ 3,500.00	\$ 7,000.00	\$ 4,200.00	\$ 8,400.00	\$ 4,150.00	\$ 8,300.00	\$ 3,900.00	\$ 7,800.00	\$ 4,200.00	\$ 8,400.00
100	633	PREEMPTION CONFIRMATION LIGHT, AS PER PLAN	7	EA	\$ 450.00	\$ 3,150.00	\$ 390.00	\$ 2,730.00	\$ 625.00	\$ 4,375.00	\$ 290.00	\$ 2,030.00	\$ 380.00	\$ 2,660.00	\$ 330.00	\$ 2,310.00
101	633	COMMUNICATIONS, AS PER PLAN	2	EA	\$ 1,500.00	\$ 3,000.00	\$ 1,545.00	\$ 3,090.00	\$ 1,700.00	\$ 3,400.00	\$ 2,300.00	\$ 4,600.00	\$ 2,745.00	\$ 5,490.00	\$ 2,000.00	\$ 4,000.00
102	633	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN	2	EA	\$ 6,000.00	\$ 12,000.00	\$ 5,685.00	\$ 11,370.00	\$ 5,650.00	\$ 11,300.00	\$ 6,100.00	\$ 12,200.00	\$ 5,760.00	\$ 11,520.00	\$ 5,600.00	\$ 11,200.00
103	633	CONTROLLER ITEM, MISC.; CONTROLLER UNIT, TYPE TS2, TYPE 2, EAGLE EPAC M60 WITH CABINET	2	EA	\$ 20,000.00	\$ 40,000.00	\$ 17,515.00	\$ 35,030.00	\$ 17,500.00	\$ 35,000.00	\$ 20,150.00	\$ 40,300.00	\$ 18,800.00	\$ 37,600.00	\$ 18,000.00	\$ 36,000.00
104	816	VIDEO DETECTION SYSTEM, AS PER PLAN	2	EA	\$ 8,000.00	\$ 16,000.00	\$ 725.00	\$ 1,450.00	\$ 9,250.00	\$ 18,500.00	\$ 11,500.00	\$ 23,000.00	\$ 11,505.00	\$ 23,010.00	\$ 12,000.00	\$ 24,000.00
105	816	TRAINING FOR VIDEO DETECTION SYSTEM	1	LUMP	\$ 800.00	\$ 800.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 600.00	\$ 600.00	\$ 600.00	\$ 600.00
		MISCELLANEOUS														
106	614	MAINTAINING TRAFFIC	1	LUMP	\$ 4,389.00	\$ 4,389.00	\$ 9,980.00	\$ 9,980.00	\$ 2,600.00	\$ 2,600.00	\$ 5,000.00	\$ 5,000.00	\$ 8,000.00	\$ 8,000.00	\$ 30,000.00	\$ 30,000.00
107	623	CONSTRUCTION LAYOUT STAKES AND SURVEYING	1	LUMP	\$ 3,000.00	\$ 3,000.00	\$ 200.00	\$ 200.00	\$ 550.00	\$ 550.00	\$ 1,400.00	\$ 1,400.00	\$ 4,000.00	\$ 4,000.00	\$ 2,500.00	\$ 2,500.00
108	624	MOBILIZATION	1	LUMP	\$ 10,000.00	\$ 10,000.00	\$ 12,000.00	\$ 12,000.00	\$ 8,800.00	\$ 8,800.00	\$ 1,600.00	\$ 1,600.00	\$ 3,641.00	\$ 3,641.00	\$ 12,000.00	\$ 12,000.00
109	624	PREMIUM FOR CONTRACT BONDS	1	LUMP	\$ 10,000.00	\$ 10,000.00	\$ 4,115.63	\$ 4,115.63	\$ 1,413.40	\$ 1,413.40	\$ 2,700.00	\$ 2,700.00	\$ 8,450.00	\$ 8,450.00	\$ 3,000.00	\$ 3,000.00
110	624	PRE-CONSTRUCTION DOCUMENTATION (VIDEO)	1	LUMP	\$ 1,000.00	\$ 1,000.00	\$ 300.00	\$ 300.00	\$ 750.00	\$ 750.00	\$ 240.00	\$ 240.00	\$ 350.00	\$ 350.00	\$ 500.00	\$ 500.00
						\$ 640,000.00										
		CONTINGENCIES 10%				\$ 64,000.00										
		GRAND TOTAL				\$ 704,000.00		\$ 611,450.00	\$ 649,000.00		\$ 655,425.43		\$ 686,846.65		\$ 749,935.00	

Subs List	Yes	Subs List	Yes	Subs List	Yes	Subs List	Yes	Subs List	Yes
ORC 3517.13	Yes	ORC 3517.13	Yes	ORC 3517.13	Yes	ORC 3517.13	Yes	ORC 3517.13	Yes
Bond	Yes	Bond	Yes	Bond	Yes	Bond	Yes	Bond	Yes
Addendum	Yes	Addendum	Yes	Addendum	Yes	Addendum	Yes	Addendum	Yes

Addition error