

**CITY OF WOOSTER
SR 585 SIGNAL IMPROVEMENTS
BID TABULATIONS
BID DATE: FEBRUARY 13, 2024**

ENGINEER'S ESTIMATE							BIDDER NAME :	Cornerstone Electric Inc.		Perram Electric, Inc.		Signal Service Company	
BID ITEM	ODOT ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL		UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1	202	REMOVAL, MISC.: BOLLARD REMOVED, AS DIRECTED	2	EACH	\$ 750.00	\$ 1,500.00		\$ 200.00	\$ 400.00	\$ 365.00	\$ 730.00	\$ 270.00	\$ 540.00
2A	625	CONDUIT, 2", 725.04	51	FT	\$ 24.00	\$ 1,224.00		\$ 22.00	\$ 1,122.00	\$ 21.50	\$ 1,096.50	\$ 18.50	\$ 943.50
2B	625	CONDUIT, 3", 725.04	102	FT	\$ 34.00	\$ 3,468.00		\$ 35.00	\$ 3,570.00	\$ 38.65	\$ 3,942.30	\$ 45.50	\$ 4,641.00
2C	625	CONDUIT, JACKED OR DRILLED, 3", 725.04	446	FT	\$ 62.00	\$ 27,652.00		\$ 55.00	\$ 24,530.00	\$ 63.05	\$ 28,120.30	\$ 69.00	\$ 30,774.00
3	625	TRENCH	133	FT	\$ 13.00	\$ 1,729.00		\$ 10.00	\$ 1,330.00	\$ 12.40	\$ 1,649.20	\$ 33.50	\$ 4,455.50
3A	625	PULL BOX, 725.06, SIZE 1.5 (11"x18"x18")	1	EACH	\$ 875.00	\$ 875.00		\$ 1,000.00	\$ 1,000.00	\$ 935.00	\$ 935.00	\$ 1,015.00	\$ 1,015.00
3B	625	PULL BOX, 725.06 SIZE 4 (13"x24"x18")	3	EACH	\$ 1,075.00	\$ 3,225.00		\$ 1,200.00	\$ 3,600.00	\$ 1,130.00	\$ 3,390.00	\$ 1,475.00	\$ 4,425.00
4	625	GROUND ROD, AS PER PLAN	5	EACH	\$ 250.00	\$ 1,250.00		\$ 325.00	\$ 1,625.00	\$ 315.00	\$ 1,575.00	\$ 230.00	\$ 1,150.00
5A	630	GROUND MOUNTED SUPPORT, NO. 3 POST	26	FT	\$ 20.00	\$ 520.00		\$ 13.50	\$ 351.00	\$ 17.60	\$ 457.60	\$ 27.50	\$ 715.00
5B	630	ONE WAY SUPPORT, NO. 4 POST	14	FT	\$ 30.00	\$ 420.00		\$ 17.00	\$ 238.00	\$ 17.60	\$ 246.40	\$ 22.00	\$ 308.00
5C	630	SIGN HANGER ASSEMBLY, MAST ARM	1	EACH	\$ 450.00	\$ 450.00		\$ 400.00	\$ 400.00	\$ 455.00	\$ 455.00	\$ 385.00	\$ 385.00
5D	630	SIGN, FLAT SHEET	18.5	SQ FT	\$ 35.00	\$ 647.50		\$ 21.00	\$ 388.50	\$ 23.60	\$ 436.60	\$ 27.50	\$ 508.75
5E	630	REMOVAL OF POLE MOUNTED SIGN AND REERECTION	3	EACH	\$ 200.00	\$ 600.00		\$ 100.00	\$ 300.00	\$ 112.00	\$ 336.00	\$ 55.00	\$ 165.00
6A	632	VEHICULAR SIGNAL HEAD, (LED), 3 SECTION, 12" LENS, 1-WAY POLYCARBONATE, AS PER PLAN	5	EACH	\$ 1,000.00	\$ 5,000.00		\$ 890.00	\$ 4,450.00	\$ 900.00	\$ 4,500.00	\$ 960.00	\$ 4,800.00
6B	632	VEHICULAR SIGNAL HEAD, (LED), 4 SECTION, 12" LENS, 1-WAY POLYCARBONATE, AS PER PLAN	2	EACH	\$ 1,300.00	\$ 2,600.00		\$ 1,425.00	\$ 2,850.00	\$ 1,390.00	\$ 2,780.00	\$ 1,475.00	\$ 2,950.00
6C	632	VEHICULAR SIGNAL HEAD, (LED), 5 SECTION, 12" LENS, 1-WAY POLYCARBONATE, AS PER PLAN	2	EACH	\$ 1,600.00	\$ 3,200.00		\$ 1,486.00	\$ 2,972.00	\$ 1,545.00	\$ 3,090.00	\$ 1,545.00	\$ 3,090.00
6D	632	PEDESTRIAN SIGNAL HEAD, (LED), (COUNTDOWN), TYPE D2, AS PER PLAN	2	EACH	\$ 575.00	\$ 1,150.00		\$ 525.00	\$ 1,050.00	\$ 510.00	\$ 1,020.00	\$ 463.00	\$ 926.00
6E	632	COVERING OF VEHICULAR SIGNAL HEAD	9	EACH	\$ 30.00	\$ 270.00		\$ 35.00	\$ 315.00	\$ 10.00	\$ 90.00	\$ 20.00	\$ 180.00
6F	632	PEDESTRIAN PUSHBUTTON, AS PER PLAN	2	EACH	\$ 300.00	\$ 600.00		\$ 300.00	\$ 600.00	\$ 335.00	\$ 670.00	\$ 245.00	\$ 490.00
6G	632	SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG	1,120	FT	\$ 3.00	\$ 3,360.00		\$ 2.75	\$ 3,080.00	\$ 2.40	\$ 2,688.00	\$ 1.75	\$ 1,960.00
6H	632	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG	820	FT	\$ 3.75	\$ 3,075.00		\$ 3.00	\$ 2,460.00	\$ 2.70	\$ 2,214.00	\$ 2.00	\$ 1,640.00
6I	632	SIGNAL SUPPORT FOUNDATION	3	EACH	\$ 9,000.00	\$ 27,000.00		\$ 6,500.00	\$ 19,500.00	\$ 6,345.00	\$ 19,035.00	\$ 7,650.00	\$ 22,950.00
6J	632	LOOP DETECTOR LEAD-IN CABLE, 2 CONDUCTOR, NO. 14 AWG	1,070	FT	\$ 3.00	\$ 3,210.00		\$ 2.00	\$ 2,140.00	\$ 2.00	\$ 2,140.00	\$ 1.15	\$ 1,230.50
6K	632	POWER SERVICE, AS PER PLAN	1	EACH	\$ 2,750.00	\$ 2,750.00		\$ 1,800.00	\$ 1,800.00	\$ 3,205.00	\$ 3,205.00	\$ 3,100.00	\$ 3,100.00
6L	632	CONDUIT RISER, 2" DIAMETER	1	EACH	\$ 900.00	\$ 900.00		\$ 600.00	\$ 600.00	\$ 760.00	\$ 760.00	\$ 804.00	\$ 804.00
6M	632	SIGNAL SUPPORT, TYPE TC-12.31 DESIGN 10 POLE, WITH MAST ARMS TC-81.22 DESIGN 13 AND DESIGN 2, AS PER PLAN	1	EACH	\$ 33,000.00	\$ 33,000.00		\$ 25,532.00	\$ 25,532.00	\$ 24,540.00	\$ 24,540.00	\$ 30,125.00	\$ 30,125.00
6N	632	SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 4, AS PER PLAN	1	EACH	\$ 13,500.00	\$ 13,500.00		\$ 13,276.00	\$ 13,276.00	\$ 11,475.00	\$ 11,475.00	\$ 13,500.00	\$ 13,500.00
6O	632	SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 12, AS PER PLAN	1	EACH	\$ 18,000.00	\$ 18,000.00		\$ 15,250.00	\$ 15,250.00	\$ 16,190.00	\$ 16,190.00	\$ 19,005.00	\$ 19,005.00
6P	632	REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLAN	1	EACH	\$ 4,000.00	\$ 4,000.00		\$ 2,000.00	\$ 2,000.00	\$ 6,240.00	\$ 6,240.00	\$ 5,000.00	\$ 5,000.00
6Q	632	SIGNALIZATION, MISC.: FOUNDATION TEST HOLE	1	EACH	\$ 600.00	\$ 600.00		\$ 750.00	\$ 750.00	\$ 365.00	\$ 365.00	\$ 600.00	\$ 600.00
7A	633	CABINET FOUNDATION, AS PER PLAN	1	EACH	\$ 3,200.00	\$ 3,200.00		\$ 1,500.00	\$ 1,500.00	\$ 2,800.00	\$ 2,800.00	\$ 2,575.00	\$ 2,575.00
7B	633	CONTROLLER WORK PAD	1	EACH	\$ 750.00	\$ 750.00		\$ 1,000.00	\$ 1,000.00	\$ 335.00	\$ 335.00	\$ 1,100.00	\$ 1,100.00
7C	633	PREEMPTION, AS PER PLAN	1	EACH	\$ 1,100.00	\$ 1,100.00		\$ 900.00	\$ 900.00	\$ 800.00	\$ 800.00	\$ 1,003.00	\$ 1,003.00
7D	633	PREEMPTION RECEIVING UNIT, AS PER PLAN	4	EACH	\$ 950.00	\$ 3,800.00		\$ 882.00	\$ 3,528.00	\$ 865.00	\$ 3,460.00	\$ 865.00	\$ 3,460.00
7E	633	PREEMPTION DETECTOR CABLE, AS PER PLAN	910	FT	\$ 1.60	\$ 1,456.00		\$ 1.37	\$ 1,246.70	\$ 2.00	\$ 1,820.00	\$ 1.20	\$ 1,092.00
7F	633	PREEMPTION PHASE SELECTOR, AS PER PLAN	1	EACH	\$ 4,400.00	\$ 4,400.00		\$ 3,927.00	\$ 3,927.00	\$ 3,825.00	\$ 3,825.00	\$ 4,545.00	\$ 4,545.00
7G	633	PREEMPTION CONFIRMATION LIGHT, AS PER PLAN	4	EACH	\$ 500.00	\$ 2,000.00		\$ 550.00	\$ 2,200.00	\$ 475.00	\$ 1,900.00	\$ 415.00	\$ 1,660.00
7H	633	COMMUNICATIONS, AS PER PLAN	1	EACH	\$ 1,000.00	\$ 1,000.00		\$ 250.00	\$ 250.00	\$ 250.00	\$ 250.00	\$ 875.00	\$ 875.00
7I	633	UNINTERRUPTIBLE POWER SUPPLY, (UPS), 1000 WATT, AS PER PLAN	1	EACH	\$ 6,000.00	\$ 6,000.00		\$ 6,000.00	\$ 6,000.00	\$ 5,910.00	\$ 5,910.00	\$ 6,925.00	\$ 6,925.00
7J	633	CONTROLLER ITEM, MISC.: EAGLE EPAC, TS-2, TYPE 2, M60 CONTROLLER AND CABINET	1	EACH	\$ 20,000.00	\$ 20,000.00		\$ 18,495.00	\$ 18,495.00	\$ 19,045.00	\$ 19,045.00	\$ 23,010.00	\$ 23,010.00
8A	644	CENTER LINE	0.10	MILE	\$ 6,000.00	\$ 600.00		\$ 20,000.00	\$ 2,000.00	\$ 10,000.00	\$ 1,000.00	\$ 11,000.00	\$ 1,100.00
8B	644	CHANNELIZING LINE, 12"	50	FT	\$ 15.00	\$ 750.00		\$ 5.00	\$ 250.00	\$ 3.50	\$ 175.00	\$ 3.80	\$ 190.00
8C	644	STOP LINE	50	FT	\$ 15.00	\$ 750.00		\$ 10.00	\$ 500.00	\$ 10.00	\$ 500.00	\$ 11.00	\$ 550.00
8D	644	CROSSWALK LIKE, 24"	210	FT	\$ 15.00	\$ 3,150.00		\$ 10.00	\$ 2,100.00	\$ 6.00	\$ 1,260.00	\$ 6.50	\$ 1,365.00
9	816	VIDEO DETECTION SYSTEM, AS PER PLAN	1	EACH	\$ 20,000.00	\$ 20,000.00		\$ 21,250.00	\$ 21,250.00	\$ 20,955.00	\$ 20,955.00	\$ 21,850.00	\$ 21,850.00
10	SPECIAL	CONCRETE ISLAND REMOVED AND REPLACED WITH COMPOSITE PAVEMENT, AS DIRECTED	290	SQ FT	\$ 35.00	\$ 10,150.00		\$ 30.00	\$ 8,700.00	\$ 53.80	\$ 15,602.00	\$ 65.00	\$ 18,850.00
11		PREMIUM FOR CONTRACT BONDS	1	EACH	\$ 1,500.00	\$ 1,500.00		\$ 2,554.00	\$ 2,554.00	\$ 1,089.10	\$ 1,089.10	\$ 2,200.00	\$ 2,200.00
12		MAINTAINING TRAFFIC	1	EACH	\$ 4,000.00	\$ 4,000.00		\$ 2,000.00	\$ 2,000.00	\$ 2,500.00	\$ 2,500.00	\$ 5,800.00	\$ 5,800.00
13		MOBILIZATION	1	EACH	\$ 9,000.50	\$ 9,000.50		\$ 5,000.00	\$ 5,000.00	\$ 10,000.00	\$ 10,000.00	\$ 17,200.00	\$ 17,200.00
14		PRE-CONSTRUCTION DOCUMENTATION	1	EACH	\$ 618.00	\$ 618.00		\$ 500.00	\$ 500.00	\$ 650.00	\$ 650.00	\$ 615.00	\$ 615.00
						\$ 260,000.00							
CONTINGENCIES 10%						\$ 26,000.00							
GRAND TOTAL						\$ 286,000.00		\$ 221,380.20	\$ 221,380.20	\$ 238,248.00	\$ 238,248.00	\$ 278,341.25	\$ 278,341.25

Average Standard Deviation

\$ 245,989.82
\$ 29,259.05

Bond Subs List ORC 3517.13	Fidelity and Deposit Company of Maryland Yes	Bond Subs List ORC 3517.13	Ohio Farmers Insurance Yes	Bond Subs List ORC 3517.13	Cincinnati Insurance Yes
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