ChoiceOne Engineering

Bid Tabulation

Mercer County Commissioners

SR 703 and Lake Campus/Tri-Star Drive Traffic Signal

January 10, 2019

REF. NO.	ITEM NO.	DESCRIPTION	UNIT OF MEASURE	APPROX. QTY.	UNIT COST	TOTAL COST	Perram Electric, Inc. Wadsworth, Ohio UNIT COST	TOTAL COST	Miller Cable Company Green Springs, OH UNIT COST	TOTAL COST	Capital Electric Line Builders, Inc. Dayton, OH UNIT COST	TOTAL COST	M.P. Dory Co. Columbus, OH UNIT COST	TOTAL COST	Reese Electric, Inc. Versailles, OH UNIT COST	TOTAL COST
1	611	4" CONDUIT, TYPE E	FT.	80	$20.00	$1,600.00	$4.95	$396.00	$2.00	$160.00	$7.59	$607.20	$12.40	$992.00	$20.00	$1,600.00
2	614	MAINTAINING TRAFFIC	LUMP	1	$6,000.00	$6,000.00	$12,495.44	$12,495.44	$4,550.00	$4,550.00	$12,863.30	$12,863.30	$4,500.00	$4,500.00	$3,800.00	$3,800.00
3	623	CONSTRUCTION LAYOUT STAKES AND SURVEYING	LUMP	1	$1,500.00	$1,500.00	$1,100.00	$1,100.00	$900.00	$900.00	$2,217.53	$2,217.53	$1,600.00	$1,600.00	$3,200.00	$3,200.00
4	625	BRACKET ARM, 15', AS PER PLAN	EACH	2	$1,700.00	$3,400.00	$680.00	$1,360.00	$700.00	$1,400.00	$805.18	$1,610.36	$980.00	$1,960.00	$825.00	$1,650.00
5	625	CONDUIT, 2", 725.051, AS PER PLAN	FT.	86	$20.00	$1,720.00	$18.35	$1,578.10	$15.00	$1,290.00	$22.96	$1,974.56	$22.00	$1,892.00	$14.00	$1,204.00
6	625	CONDUIT, 3", 725.051, AS PER PLAN	FT.	47	$25.00	$1,175.00	$22.75	$1,069.25	$20.00	$940.00	$24.81	$1,166.07	$33.00	$1,551.00	$18.00	$846.00
7	625	CONDUIT, 4", 725.051, AS PER PLAN	FT.	5	$40.00	$200.00	$102.00	$510.00	$42.30	$211.50	$25.80	$129.00	$35.00	$175.00	$25.00	$125.00
8	625	CONDUIT, JACKED OR DRILLED, 725.052, 3", AS PER PLAN	FT.	170	$30.00	$5,100.00	$26.90	$4,573.00	$35.00	$5,950.00	$29.49	$5,013.30	$34.00	$5,780.00	$28.00	$4,760.00
9	625	CONDUIT, JACKED OR DRILLED, 725.052, 4", AS PER PLAN	FT.	105	$35.00	$3,675.00	$31.40	$3,297.00	$40.00	$4,200.00	$25.01	$2,626.05	$40.00	$4,200.00	$30.00	$3,150.00
10	625	PULL BOX, 725.08, 18"	EACH	3	$900.00	$2,700.00	$995.00	$2,985.00	$800.00	$2,400.00	$838.76	$2,516.28	$1,290.00	$3,870.00	$750.00	$2,250.00
11	625	PULL BOX, 725.08, 24"	EACH	1	$1,250.00	$1,250.00	$1,150.00	$1,150.00	$1,000.00	$1,000.00	$929.96	$929.96	$1,580.00	$1,580.00	$980.00	$980.00
12	625	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN	EACH	2	$750.00	$1,500.00	$460.00	$920.00	$725.00	$1,450.00	$790.19	$1,580.38	$960.00	$1,920.00	$860.00	$1,720.00
13	625	GROUND ROD	EACH	6	$200.00	$1,200.00	$260.00	$1,560.00	$265.00	$1,590.00	$213.02	$1,278.12	$330.00	$1,980.00	$150.00	$900.00
14	630	SIGN, FLAT SHEET	S.F.	30	$25.00	$750.00	$18.55	$556.50	$22.00	$660.00	$23.94	$718.20	$19.80	$594.00	$35.00	$1,050.00
15	630	SIGN, HANGER ASSEMBLY, MAST ARM, AS PER PLAN	EACH	5	$400.00	$2,000.00	$315.00	$1,575.00	$250.00	$1,250.00	$377.34	$1,886.70	$480.00	$2,400.00	$315.00	$1,575.00
16	630	SIGN, STREET NAME	EACH	2	$300.00	$600.00	$170.00	$340.00	$500.00	$1,000.00	$239.40	$478.80	$350.00	$700.00	$280.00	$560.00
17	632	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12 INCH LENS, 1-WAY, POLYCARBONATE, AS PER PLAN	EACH	6	$900.00	$5,400.00	$660.00	$3,960.00	$900.00	$5,400.00	$791.67	$4,750.02	$790.00	$4,740.00	$980.00	$5,880.00
18	632	VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12 INCH LENS, 1-WAY, POLYCARBONATE, AS PER PLAN	EACH	2	$1,000.00	$2,000.00	$1,135.00	$2,270.00	$1,400.00	$2,800.00	$1,285.46	$2,570.92	$1,390.00	$2,780.00	$1,750.00	$3,500.00
19	632	PEDESTRIAN SIGNAL HEAD, (LED), TYPE D2, COUNTDOWN, AS PER PLAN	EACH	2	$800.00	$1,600.00	$400.00	$800.00	$550.00	$1,100.00	$539.08	$1,078.16	$570.00	$1,140.00	$750.00	$1,500.00
20	632	COVERING OF VEHICULAR SIGNAL HEAD	EACH	8	$50.00	$400.00	$10.00	$80.00	$50.00	$400.00	$6.74	$53.92	$100.00	$800.00	$40.00	$320.00
21	632	COVERING OF PEDESTRIAN SIGNAL HEAD	EACH	2	$50.00	$100.00	$2.50	$5.00	$35.00	$70.00	$6.74	$13.48	$50.00	$100.00	$25.00	$50.00
22	632	PEDESTRIAN PUSHBUTTON, AS PER PLAN	EACH	2	$300.00	$600.00	$285.00	$570.00	$225.00	$450.00	$222.14	$444.28	$450.00	$900.00	$400.00	$800.00
23	632	SIGNAL CABLE, 3-CONDUCTOR, NO. 10 AWG	FT.	281	$2.50	$702.50	$3.10	$871.10	$2.30	$646.30	$4.10	$1,152.10	$3.20	$899.20	$5.00	$1,405.00
24	632	SIGNAL CABLE, 3-CONDUCTOR, NO. 14 AWG	FT.	215	$2.25	$483.75	$1.75	$376.25	$2.20	$473.00	$3.49	$750.35	2.5	$537.50	$2.00	$430.00
25	632	SIGNAL CABLE, 5-CONDUCTOR, NO. 14 AWG	FT.	223	$2.50	$557.50	$1.85	$412.55	$2.50	$557.50	$3.65	$813.95	3.2	$713.60	$2.20	$490.60
26	632	SIGNAL CABLE, 7-CONDUCTOR, NO. 14 AWG	FT.	851	$2.75	$2,340.25	$1.90	$1,616.90	$2.70	$2,297.70	$3.88	$3,301.88	$4.00	$3,404.00	$2.60	$2,212.60
27	632	SIGNAL SUPPORT FOUNDATION	EACH	4	$5,000.00	$20,000.00	$6,360.00	$25,440.00	$8,000.00	$32,000.00	$6,136.62	$24,546.48	$6,700.00	$26,800.00	$5,200.00	$20,800.00
28	632	PEDESTAL FOUNDATION	EACH	1	$1,000.00	$1,000.00	$730.00	$730.00	$800.00	$800.00	$1,020.53	$1,020.53	$920.00	$920.00	$950.00	$950.00
29	632	SERVICE CABLE, 3-CONDUCTOR, NO. 6 AWG.	FT.	120	$4.00	$480.00	$4.15	$498.00	$4.00	$480.00	$3.39	$406.80	$5.30	$636.00	$8.00	$960.00
30	632	POWER SERVICE, AS PER PLAN	EACH	1	$3,000.00	$3,000.00	$1,480.00	$1,480.00	$1,600.00	$1,600.00	$2,414.29	$2,414.29	$1,960.00	$1,960.00	$3,950.00	$3,950.00
31	632	SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 13, AS PER PLAN	EACH	2	$12,000.00	$24,000.00	$11,265.00	$22,530.00	$11,500.00	$23,000.00	$14,153.78	$28,307.56	$12,730.00	$25,460.00	$16,250.00	$32,500.00
32	632	COMBINATION SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 13, AS PER PLAN	EACH	1	$13,000.00	$13,000.00	$11,420.00	$11,420.00	$11,750.00	$11,750.00	$14,330.48	$14,330.48	$12,900.00	$12,900.00	$18,200.00	$18,200.00
33	632	COMBINATION SIGNAL SUPPORT, TYPE TC-81.21, DESIGN 14, AS PER PLAN	EACH	1	$15,000.00	$15,000.00	$12,295.00	$12,295.00	$12,500.00	$12,500.00	$15,327.98	$15,327.98	$13,850.00	$13,850.00	$19,000.00	$19,000.00
34	632	SIGNAL SUPPORT, MECHANICAL DAMPER FOR TC-81.21 MAST ARM (GREATER THAN 59' IN LENGTH), AS PER PLAN	EACH	1	$950.00	$950.00	$705.00	$705.00	$1,000.00	$1,000.00	$780.59	$780.59	$800.00	$800.00	$850.00	$850.00
35	632	PEDESTAL, 8', TRANSFORMER BASE, AS PER PLAN	EACH	1	$1,250.00	$1,250.00	$860.00	$860.00	$600.00	$600.00	$598.19	$598.19	$830.00	$830.00	$950.00	$950.00
36	633	CABINET FOUNDATION	EACH	1	$2,000.00	$2,000.00	$2,780.00	$2,780.00	$2,800.00	$2,800.00	$2,041.06	$2,041.06	$3,600.00	$3,600.00	$1,400.00	$1,400.00
37	633	CONTROLLER WORK PAD, AS PER PLAN	EACH	1	$600.00	$600.00	$365.00	$365.00	$500.00	$500.00	$1,020.53	$1,020.53	$600.00	$600.00	$900.00	$900.00
38	633	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN	EACH	1	$5,000.00	$5,000.00	$4,500.00	$4,500.00	$4,200.00	$4,200.00	$4,790.34	$4,790.34	$4,700.00	$4,700.00	$6,800.00	$6,800.00
39	633	CONTROLLER UNIT, TYPE TS2/A2, WITH CABINET, TYPE SUPER P44, AS PER PLAN	EACH	1	$17,500.00	$17,500.00	$17,250.00	$17,250.00	$17,850.00	$17,850.00	$21,130.58	$21,130.58	$23,980.00	$23,980.00	$23,500.00	$23,500.00
40	633	COMMUNICATIONS, AS PER PLAN	EACH	1	$2,500.00	$2,500.00	$1,475.00	$1,475.00	$1,800.00	$1,800.00	$1,893.88	$1,893.88	$2,000.00	$2,000.00	$4,200.00	$4,200.00
41	659	TOPSOIL	C.Y.	30	$35.00	$1,050.00	$51.05	$1,531.50	$22.00	$660.00	$102.81	$3,084.30	$100.00	$3,000.00	$30.00	$900.00
42	659	SEEDING AND MULCHING, CLASS 1, AS PER PLAN	S.Y.	250	$3.00	$750.00	$1.65	$412.50	$17.00	$4,250.00	$16.51	$4,127.50	$12.00	$3,000.00	$8.00	$2,000.00
43	659	REPAIR SEEDING AND MULCHING	S.Y.	13	$10.00	$130.00	$17.15	$222.95	$2.00	$26.00	$1.14	$14.82	$12.00	$156.00	$12.00	$156.00
44	659	INTER-SEEDING	S.Y.	13	$10.00	$130.00	$17.15	$222.95	$0.10	$1.30	$0.01	$0.13	$12.00	$156.00	$15.00	$195.00
45	659	COMMERCIAL FERTILIZER	TON	0.03	$700.00	$21.00	$1,000.00	$30.00	$1,200.00	$36.00	$855.00	$25.65	$700.00	$21.00	$600.00	$18.00
46	659	WATER	M.GAL.	0.7	$200.00	$140.00	$14.30	$10.01	$1.00	$0.70	$1.14	$0.80	$2.00	$1.40	$1,000.00	$700.00
47	809	ADVANCE RADAR DETECTION, AS PER PLAN	EACH	2	$7,500.00	$15,000.00	$7,125.00	$14,250.00	$7,000.00	$14,000.00	$7,207.14	$14,414.28	$7,600.00	$15,200.00	$7,800.00	$15,600.00
48	809	STOP-LINE RADAR DETECTION, AS PER PLAN	EACH	4	$7,500.00	$30,000.00	$6,725.00	$26,900.00	$6,500.00	$26,000.00	$6,751.14	$27,004.56	$7,200.00	$28,800.00	$7,200.00	$28,800.00
		TOTAL				**$202,055.00**		**$192,335.00**		**$199,000.00**		**$219,806.20**		**$221,078.70**		**$229,287.20**