Ohio Department of Transportation
Official Bid Tabulation
Jack Marchbanks, Ph.D., Director

Project No. 220508
PID 110274
WAS-Marietta Signals/Fiber Ph. 2
Federal
Type: SIGNALIZATION
Letting Date: 9/15/2022
Completion Date: 10/15/2023

Contract Awarded To: PERRAM ELECTRIC INC
Award Amount: $777,500.00

Engineer's Estimate: $943,000.00

Bidder 1
PERRAM ELECTRIC INC
6882 RIDGE RD
Medina
WADSWORTH, OH 44281
Bid $777,500.00

Bidder 2
RUHLIN COMPANY
P O BOX 190
Medina
SHARON CENTER, OH 44274
Bid $854,677.55

Bidder 3
MILLER CABLE COMPANY
210 S BROADWAY ST P O BOX 68
Seneca
GREEN SPRINGS, OH 44836
Bid $1,019,950.00

Ref #1	**614E11111**	**LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSIST, (60 HOUR)**	
	Awd	$75.00	$4,500.00
	2	$100.00	$6,000.00
	3	$86.00	$5,160.00
Ref #2	**625E25410**	**CONDUIT, 2", 725.052, (115 FT)**	
	Awd	$7.80	$897.00
	2	$11.41	$1,312.15
	3	$12.00	$1,380.00
Ref #3	**625E25911**	**CONDUIT CLEANED AND CABLES REMOVED, AS PER PLAN, (592 FT)**	
	Awd	$0.90	$532.80
	2	$2.50	$1,480.00
	3	$1.00	$592.00
Ref #4	**625E29010**	**TRENCH, 30" DEEP, (115 FT)**	
	Awd	$16.75	$1,926.25
	2	$8.00	$920.00
	3	$19.00	$2,185.00
Ref #5	**625E31510**	**PULL BOX REMOVED, (2 EACH)**	
	Awd	$87.50	$175.00
	2	$100.00	$200.00
	3	$265.00	$530.00
Ref #6	**625E31600**	**PULL BOX, MISC.:PULL BOX, 36"X24", AS PER PLAN, (3 EACH)**	
	Awd	$2,490.00	$7,470.00
	2	$3,650.00	$10,950.00
	3	$2,350.00	$7,050.00
Ref #7	**625E32000**	**GROUND ROD, (2 EACH)**	
	Awd	$295.00	$590.00
	2	$340.00	$680.00
	3	$280.00	$560.00
Ref #8	**630E97700**	**SIGNING, MISC.:SOLAR POWERED RECTANGULAR RAPID FLA, (2 EACH)**	
	Awd	$5,375.00	$10,750.00
	2	$6,253.00	$12,506.00
	3	$6,300.00	$12,600.00
Ref #9	**632E05006**	**VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS,, (108 EACH)**	
	Awd	$745.00	$80,460.00
	2	$898.00	$96,984.00
	3	$927.00	$100,116.00
Ref #10	**632E05007**	**VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS,, (97 EACH)**	
	Awd	$717.00	$69,549.00
	2	$733.00	$71,101.00
	3	$917.00	$88,949.00
Ref #11	**632E05011**	**VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS,, (7 EACH)**	
	Awd	$1,333.00	$9,331.00
	2	$1,460.00	$10,220.00
	3	$1,695.00	$11,865.00
Ref #12	**632E05064**	**VEHICULAR SIGNAL HEAD, (LED), 4-SECTION, 12" LENS,, (2 EACH)**	
	Awd	$1,260.00	$2,520.00
	2	$980.00	$1,960.00
	3	$1,220.00	$2,440.00

Ref #13	**632E05086**	**VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS,, (21 EACH)**	
	Awd	$1,438.00	$30,198.00
	2	$1,452.00	$30,492.00
	3	$1,620.00	$34,020.00
Ref #14	**632E05087**	**VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS,, (10 EACH)**	
	Awd	$1,130.00	$11,300.00
	2	$1,471.00	$14,710.00
	3	$1,620.00	$16,200.00
Ref #15	**632E05305**	**VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS,, (1 EACH)**	
	Awd	$1,862.00	$1,862.00
	2	$2,275.00	$2,275.00
	3	$2,250.00	$2,250.00
Ref #16	**632E20730**	**PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, (186 EACH)**	
	Awd	$526.00	$97,836.00
	2	$516.00	$95,976.00
	3	$645.00	$119,970.00
Ref #17	**632E26000**	**PEDESTRIAN PUSHBUTTON, (160 EACH)**	
	Awd	$321.00	$51,360.00
	2	$225.00	$36,000.00
	3	$200.00	$32,000.00
Ref #18	**632E40700**	**SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG, (329 FT)**	
	Awd	$5.45	$1,793.05
	2	$4.60	$1,513.40
	3	$4.00	$1,316.00
Ref #19	**632E64020**	**PEDESTAL FOUNDATION, (2 EACH)**	
	Awd	$1,300.00	$2,600.00
	2	$950.00	$1,900.00
	3	$1,000.00	$2,000.00
Ref #20	**632E70400**	**CONDUIT RISER, 2" DIAMETER, (3 EACH)**	
	Awd	$600.00	$1,800.00
	2	$1,350.00	$4,050.00
	3	$550.00	$1,650.00
Ref #21	**632E90020**	**REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM, CABI, (6 EACH)**	
	Awd	$175.00	$1,050.00
	2	$180.00	$1,080.00
	3	$500.00	$3,000.00
Ref #22	**632E90020**	**REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM, PEDE, (186 EACH)**	
	Awd	$17.90	$3,329.40
	2	$35.00	$6,510.00
	3	$20.00	$3,720.00
Ref #23	**632E90020**	**REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM, PUSH, (160 EACH)**	
	Awd	$17.50	$2,800.00
	2	$35.00	$5,600.00
	3	$15.00	$2,400.00
Ref #24	**632E90020**	**REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM, VEHI, (249 EACH)**	
	Awd	$43.55	$10,843.95
	2	$35.00	$8,715.00
	3	$30.00	$7,470.00

Ref #25	**632E90400**	**SIGNALIZATION, MISC.: REPLACE EXISTING CONFLICT MO, (30 EACH)**	
	Awd	$1,183.00	$35,490.00
	2	$1,480.00	$44,400.00
	3	$1,225.00	$36,750.00
Ref #26	**633E65511**	**CABINET, TYPE TS-2, AS PER PLAN, (6 EACH)**	
	Awd	$11,467.00	$68,802.00
	2	$13,353.00	$80,118.00
	3	$13,600.00	$81,600.00
Ref #27	**633E67500**	**UNINTERRUPTIBLE POWER SUPPLY (UPS), BATTERY REPLAC, (7 EACH)**	
	Awd	$1,595.00	$11,165.00
	2	$1,425.00	$9,975.00
	3	$1,500.00	$10,500.00
Ref #28	**633E74000**	**UNINTERRUPTIBLE POWER SUPPLY (UPS), (1 EACH)**	
	Awd	$7,395.00	$7,395.00
	2	$8,145.00	$8,145.00
	3	$6,700.00	$6,700.00
Ref #29	**633E99000**	**CONTROLLER ITEM, MISC.:GENERATOR PANEL WITH 3 PRON, (24 EACH)**	
	Awd	$1,125.00	$27,000.00
	2	$1,325.00	$31,800.00
	3	$1,000.00	$24,000.00
Ref #30	**633E99000**	**CONTROLLER ITEM, MISC.:MANAGED ETHERNET SWITCH WIT, (6 EACH)**	
	Awd	$1,450.00	$8,700.00
	2	$1,931.00	$11,586.00
	3	$1,575.00	$9,450.00
Ref #31	**633E99000**	**CONTROLLER ITEM, MISC.:MANAGED ETHERNET SWITCH WIT, (4 EACH)**	
	Awd	$1,450.00	$5,800.00
	2	$1,931.00	$7,724.00
	3	$1,575.00	$6,300.00
Ref #32	**804E15031**	**FIBER OPTIC CABLE, 72 FIBER, AS PER PLAN (AERIAL), (8374 FT)**	
	Awd	$5.80	$48,569.20
	2	$5.20	$43,544.80
	3	$15.75	$131,890.50
Ref #33	**804E15031**	**FIBER OPTIC CABLE, 72 FIBER, AS PER PLAN (UNDERGRO, (829 FT)**	
	Awd	$3.85	$3,191.65
	2	$6.30	$5,222.70
	3	$15.75	$13,056.75
Ref #34	**804E32060**	**DROP CABLE, 24 FIBER, (1105 FT)**	
	Awd	$5.30	$5,856.50
	2	$4.10	$4,530.50
	3	$4.00	$4,420.00
Ref #35	**804E34022**	**FIBER TERMINATION PANEL, 24 FIBER, (6 EACH)**	
	Awd	$1,807.00	$10,842.00
	2	$2,900.00	$17,400.00
	3	$2,100.00	$12,600.00
Ref #36	**804E34023**	**FIBER TERMINATION PANEL, 24 FIBER, AS PER PLAN, (4 EACH)**	
	Awd	$1,747.00	$6,988.00
	2	$2,900.00	$11,600.00
	3	$2,100.00	$8,400.00

Ref #37	**804E37002**	**SPLICE ENCLOSURE, IN-LINE, (8 EACH)**	
	Awd	$2,038.00	$16,304.00
	2	$3,035.00	$24,280.00
	3	$2,600.00	$20,800.00
Ref #38	**809E60000**	**CCTV IP-CAMERA SYSTEM, DOME-TYPE, (6 EACH)**	
	Awd	$4,245.00	$25,470.00
	2	$4,860.00	$29,160.00
	3	$4,800.00	$28,800.00
Ref #39	**809E65990**	**ITS DEVICE, MISC.:INTEGRATE TRAFFIC SIGNAL CONTROL, (6 EACH)**	
	Awd	$2,500.00	$15,000.00
	2	$3,360.00	$20,160.00
	3	$3,000.00	$18,000.00

Section 1 - TRAFFIC SIGNALS - Totals

Awd	**$702,046.80**
2	**$772,780.55**
3	**$872,690.25**

Ref #40	**809E60000**	**CCTV IP-CAMERA SYSTEM, DOME-TYPE, (3 EACH)**	
	Awd	$4,245.00	$12,735.00
	2	$4,860.00	$14,580.00
	3	$4,800.00	$14,400.00

Section 2 - ITEMS OF WORK (ADDITIVE ALTERNATE 1: CCT - Totals

Awd	**$12,735.00**
2	**$14,580.00**
3	**$14,400.00**

Ref #41	**809E60000**	**CCTV IP-CAMERA SYSTEM, DOME-TYPE, (4 EACH)**	
	Awd	$4,245.00	$16,980.00
	2	$4,860.00	$19,440.00
	3	$4,800.00	$19,200.00

Section 3 - ITEMS OF WORK (ADDITIVE ALTERNATE 2: CCT - Totals

Awd	**$16,980.00**
2	**$19,440.00**
3	**$19,200.00**

Ref #42	**103E05000**	**PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYM, (LUMP SUM)**	
	Awd	$11,523.20	$11,523.20
	2	$2,600.00	$2,600.00
	3	$8,894.75	$8,894.75
Ref #43	**614E11000**	**MAINTAINING TRAFFIC, (LUMP SUM)**	
	Awd	$14,215.00	$14,215.00
	2	$25,277.00	$25,277.00
	3	$64,765.00	$64,765.00
Ref #44	**624E10000**	**MOBILIZATION, (LUMP SUM)**	
	Awd	$20,000.00	$20,000.00
	2	$20,000.00	$20,000.00
	3	$40,000.00	$40,000.00

Section 4 - INCIDENTALS - Totals

Awd	**$45,738.20**
2	**$47,877.00**
3	**$113,659.75**