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

Project No. 230280
PID 107300
GEA-TSG FY2023
Non-Federal
Type: SIGNALIZATION
Letting Date: 4/27/2023
Completion Date: 6/30/2024

Contract Awarded To: PERRAM ELECTRIC INC
Award Amount: $344,344.00

Engineer's Estimate: $343,000.00

Bidder 1
PERRAM ELECTRIC INC
6882 RIDGE RD
Medina
WADSWORTH, OH 44281
Bid $344,344.00

Bidder 2
MILLER CABLE COMPANY
210 S BROADWAY ST P O BOX 68
Seneca
GREEN SPRINGS, OH 44836
Bid $348,000.00

Bidder 3
S E T INC
235 EAST WATER ST
Mahoning
LOWELLVILLE, OH 44436
Bid $380,000.00

Ref #1	**201E11000**	**CLEARING AND GRUBBING, (LUMP SUM)**	
	Awd	$100.00	$100.00
	2	$600.00	$600.00
	3	$5,000.00	$5,000.00
Ref #2	**202E30000**	**WALK REMOVED, (255 SF)**	
	Awd	$8.00	$2,040.00
	2	$17.00	$4,335.00
	3	$8.00	$2,040.00
Ref #3	**203E10000**	**EXCAVATION, (6 CY)**	
	Awd	$80.00	$480.00
	2	$110.00	$660.00
	3	$250.00	$1,500.00
Ref #4	**203E20000**	**EMBANKMENT, (3 CY)**	
	Awd	$150.00	$450.00
	2	$150.00	$450.00
	3	$250.00	$750.00
Ref #5	**608E10000**	**4" CONCRETE WALK, (147 SF)**	
	Awd	$25.00	$3,675.00
	2	$28.00	$4,116.00
	3	$27.00	$3,969.00
Ref #6	**608E52000**	**CURB RAMP, (668 SF)**	
	Awd	$25.00	$16,700.00
	2	$28.00	$18,704.00
	3	$32.00	$21,376.00
Ref #7	**690E65010**	**SPECIAL - WORK INVOLVING SOLID WASTE, (10 TON)**	
	Awd	$170.00	$1,700.00
	2	$75.00	$750.00
	3	$130.00	$1,300.00
Ref #8	**690E65016**	**SPECIAL - WORK INVOLVING PETROLEUM CONTAMINATED SO, (10 TON)**	
	Awd	$170.00	$1,700.00
	2	$50.00	$500.00
	3	$130.00	$1,300.00
Ref #9	**690E65020**	**SPECIAL - WORK INVOLVING WATER, (50 GAL)**	
	Awd	$30.70	$1,535.00
	2	$1.00	$50.00
	3	$10.00	$500.00
Ref #10	**690E65024**	**SPECIAL - WORK INVOLVING REGULATED WATER, (50 GAL)**	
	Awd	$30.70	$1,535.00
	2	$3.25	$162.50
	3	$10.00	$500.00

Section 1 - ROADWAY - Totals

Awd	**$29,915.00**
2	**$30,327.50**
3	**$38,235.00**

Ref #11	**659E10000**	**SEEDING AND MULCHING, (19 SY)**	
	Awd	$50.00	$950.00
	2	$60.00	$1,140.00
	3	$25.00	$475.00

Ref #12	**832E30000**	**EROSION CONTROL, (1000 EACH)**	
	Awd	$1.00	$1,000.00
	2	$1.00	$1,000.00
	3	$1.00	$1,000.00

Section 2 - EROSION CONTROL - Totals

Awd	**$1,950.00**
2	**$2,140.00**
3	**$1,475.00**

Ref #13	**630E79500**	**SIGN SUPPORT ASSEMBLY, POLE MOUNTED, (2 EACH)**	
	Awd	$225.00	$450.00
	2	$106.00	$212.00
	3	$150.00	$300.00
Ref #14	**630E80100**	**SIGN, FLAT SHEET, (7.2 SF)**	
	Awd	$27.15	$195.48
	2	$51.00	$367.20
	3	$55.00	$396.00
Ref #15	**630E84900**	**REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL, (2 EACH)**	
	Awd	$87.50	$175.00
	2	$15.00	$30.00
	3	$50.00	$100.00
Ref #16	**630E86002**	**REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSA, (1 EACH)**	
	Awd	$87.50	$87.50
	2	$20.00	$20.00
	3	$50.00	$50.00
Ref #17	**630E87500**	**REMOVAL OF POLE MOUNTED SIGN AND DISPOSAL, (2 EACH)**	
	Awd	$87.50	$175.00
	2	$15.00	$30.00
	3	$50.00	$100.00
Ref #18	**646E10510**	**CROSSWALK LINE, 12", (363 FT)**	
	Awd	$19.00	$6,897.00
	2	$19.00	$6,897.00
	3	$20.00	$7,260.00
Ref #19	**646E50100**	**REMOVAL OF PAVEMENT MARKING, (268 FT)**	
	Awd	$14.50	$3,886.00
	2	$14.35	$3,845.80
	3	$15.00	$4,020.00

Section 3 - TRAFFIC CONTROL - Totals

Awd	**$11,865.98**
2	**$11,402.00**
3	**$12,226.00**

Ref #20	**625E00450**	**CONNECTION, FUSED PULL APART, (6 EACH)**	
	Awd	$200.00	$1,200.00
	2	$120.00	$720.00
	3	$125.00	$750.00

Ref #21	**625E18201**	**BRACKET ARM, 15', AS PER PLAN, (3 EACH)**	
	Awd	$600.00	$1,800.00
	2	$600.00	$1,800.00
	3	$1,150.00	$3,450.00
Ref #22	**625E23302**	**NO. 6 AWG 2400 VOLT DISTRIBUTION CABLE, (744 FT)**	
	Awd	$2.55	$1,897.20
	2	$3.30	$2,455.20
	3	$3.00	$2,232.00
Ref #23	**625E23400**	**NO. 10 AWG POLE AND BRACKET CABLE, (246 FT)**	
	Awd	$1.70	$418.20
	2	$2.00	$492.00
	3	$3.00	$738.00
Ref #24	**625E25400**	**CONDUIT, 2", 725.04, (126 FT)**	
	Awd	$19.30	$2,431.80
	2	$19.00	$2,394.00
	3	$18.00	$2,268.00
Ref #25	**625E25500**	**CONDUIT, 3", 725.04, (62 FT)**	
	Awd	$35.95	$2,228.90
	2	$33.00	$2,046.00
	3	$40.00	$2,480.00
Ref #26	**625E25600**	**CONDUIT, 4", 725.04, (20 FT)**	
	Awd	$66.80	$1,336.00
	2	$46.00	$920.00
	3	$45.00	$900.00
Ref #27	**625E25902**	**CONDUIT, JACKED OR DRILLED, 725.04, 4", (336 FT)**	
	Awd	$65.65	$22,058.40
	2	$58.00	$19,488.00
	3	$78.00	$26,208.00
Ref #28	**625E26253**	**LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER, (3 EACH)**	
	Awd	$480.00	$1,440.00
	2	$455.00	$1,365.00
	3	$750.00	$2,250.00
Ref #29	**625E29000**	**TRENCH, (160 FT)**	
	Awd	$12.05	$1,928.00
	2	$15.00	$2,400.00
	3	$15.00	$2,400.00
Ref #30	**625E30700**	**PULL BOX, 725.08, 18", (3 EACH)**	
	Awd	$1,165.00	$3,495.00
	2	$1,100.00	$3,300.00
	3	$850.00	$2,550.00
Ref #31	**625E30706**	**PULL BOX, 725.08, 24", (5 EACH)**	
	Awd	$1,350.00	$6,750.00
	2	$1,400.00	$7,000.00
	3	$950.00	$4,750.00
Ref #32	**625E31510**	**PULL BOX REMOVED, (4 EACH)**	
	Awd	$175.00	$700.00
	2	$100.00	$400.00
	3	$200.00	$800.00

Ref #33	**625E32000**	**GROUND ROD, (12 EACH)**	
	Awd	$295.00	$3,540.00
	2	$265.00	$3,180.00
	3	$400.00	$4,800.00
Ref #34	**625E36010**	**UNDERGROUND WARNING/MARKING TAPE, (160 FT)**	
	Awd	$1.00	$160.00
	2	$3.00	$480.00
	3	$1.00	$160.00
Ref #35	**632E05007**	**VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS,, (8 EACH)**	
	Awd	$948.00	$7,584.00
	2	$1,150.00	$9,200.00
	3	$1,050.00	$8,400.00
Ref #36	**632E20731**	**PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, , (8 EACH)**	
	Awd	$480.00	$3,840.00
	2	$620.00	$4,960.00
	3	$570.00	$4,560.00
Ref #37	**632E20750**	**ACCESSIBLE PEDESTRIAN PUSHBUTTON, (8 EACH)**	
	Awd	$920.00	$7,360.00
	2	$900.00	$7,200.00
	3	$850.00	$6,800.00
Ref #38	**632E25000**	**COVERING OF VEHICULAR SIGNAL HEAD, (8 EACH)**	
	Awd	$10.00	$80.00
	2	$60.00	$480.00
	3	$50.00	$400.00
Ref #39	**632E25010**	**COVERING OF PEDESTRIAN SIGNAL HEAD, (8 EACH)**	
	Awd	$10.00	$80.00
	2	$40.00	$320.00
	3	$40.00	$320.00
Ref #40	**632E40500**	**SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG, (996 FT)**	
	Awd	$2.60	$2,589.60
	2	$2.50	$2,490.00
	3	$3.00	$2,988.00
Ref #41	**632E40700**	**SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG, (734 FT)**	
	Awd	$3.25	$2,385.50
	2	$2.70	$1,981.80
	3	$3.00	$2,202.00
Ref #42	**632E64010**	**SIGNAL SUPPORT FOUNDATION, (4 EACH)**	
	Awd	$6,030.00	$24,120.00
	2	$9,900.00	$39,600.00
	3	$5,800.00	$23,200.00
Ref #43	**632E64020**	**PEDESTAL FOUNDATION, (6 EACH)**	
	Awd	$1,350.00	$8,100.00
	2	$1,000.00	$6,000.00
	3	$900.00	$5,400.00
Ref #44	**632E64950**	**TEST HOLE PERFORMED, (4 EACH)**	
	Awd	$350.00	$1,400.00
	2	$100.00	$400.00
	3	$500.00	$2,000.00

Ref #45	**632E65200**	**LOOP DETECTOR LEAD-IN CABLE, (964 FT)**	
	Awd	$2.05	$1,976.20
	2	$1.25	$1,205.00
	3	$2.00	$1,928.00
Ref #46	**632E68300**	**POWER CABLE, 3 CONDUCTOR, NO. 6 AWG, (89 FT)**	
	Awd	$6.65	$591.85
	2	$6.00	$534.00
	3	$7.00	$623.00
Ref #47	**632E69800**	**SERVICE CABLE, 3 CONDUCTOR, NO. 6 AWG, (98 FT)**	
	Awd	$6.30	$617.40
	2	$6.00	$588.00
	3	$7.00	$686.00
Ref #48	**632E70001**	**POWER SERVICE, AS PER PLAN, (1 EACH)**	
	Awd	$3,250.00	$3,250.00
	2	$2,300.00	$2,300.00
	3	$4,000.00	$4,000.00
Ref #49	**632E72130**	**SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 12, (1 EACH)**	
	Awd	$15,180.00	$15,180.00
	2	$16,000.00	$16,000.00
	3	$21,500.00	$21,500.00
Ref #50	**632E79110**	**COMBINATION SIGNAL SUPPORT, TYPE TC-81.22, DESIGN , (3 EACH)**	
	Awd	$13,915.00	$41,745.00
	2	$14,500.00	$43,500.00
	3	$15,600.00	$46,800.00
Ref #51	**632E89900**	**PEDESTAL, 8', TRANSFORMER BASE, (6 EACH)**	
	Awd	$930.00	$5,580.00
	2	$950.00	$5,700.00
	3	$700.00	$4,200.00
Ref #52	**632E90101**	**REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLA, (1 EACH)**	
	Awd	$6,215.00	$6,215.00
	2	$3,300.00	$3,300.00
	3	$4,600.00	$4,600.00
Ref #53	**633E65523**	**CABINET, TYPE 332L, AS PER PLAN, (1 EACH)**	
	Awd	$12,785.00	$12,785.00
	2	$13,000.00	$13,000.00
	3	$15,000.00	$15,000.00
Ref #54	**633E67101**	**CABINET FOUNDATION, AS PER PLAN, (1 EACH)**	
	Awd	$3,350.00	$3,350.00
	2	$3,100.00	$3,100.00
	3	$2,500.00	$2,500.00
Ref #55	**633E67201**	**CONTROLLER WORK PAD, AS PER PLAN, (1 EACH)**	
	Awd	$950.00	$950.00
	2	$800.00	$800.00
	3	$500.00	$500.00
Ref #56	**633E75001**	**UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS , (1 EACH)**	
	Awd	$8,070.00	$8,070.00
	2	$7,229.00	$7,229.00
	3	$7,500.00	$7,500.00

Ref #57	**809E69001**	**ADVANCE RADAR DETECTION, AS PER PLAN, (4 EACH)**	
	Awd	$9,140.00	$36,560.00
	2	$8,200.00	$32,800.00
	3	$10,000.00	$40,000.00
Ref #58	**809E69101**	**STOP LINE RADAR DETECTION, AS PER PLAN, (2 EACH)**	
	Awd	$8,450.00	$16,900.00
	2	$7,900.00	$15,800.00
	3	$9,600.00	$19,200.00
Ref #59	**809E69123**	**ATC V6.24 CONTROLLER, AS PER PLAN, (1 EACH)**	
	Awd	$4,400.00	$4,400.00
	2	$5,300.00	$5,300.00
	3	$6,000.00	$6,000.00

Section 4 - TRAFFIC SIGNALS - Totals

Awd	**$267,093.05**
2	**$272,228.00**
3	**$288,043.00**

Ref #60	**614E11110**	**LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSIST, (20 HOUR)**	
	Awd	$75.00	$1,500.00
	2	$70.00	$1,400.00
	3	$68.00	$1,360.00

Section 5 - MAINTENANCE OF TRAFFIC - Totals

Awd	**$1,500.00**
2	**$1,400.00**
3	**$1,360.00**

Ref #61	**103E05000**	**PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYM, (LUMP SUM)**	
	Awd	$4,549.97	$4,549.97
	2	$3,452.50	$3,452.50
	3	$4,000.00	$4,000.00
Ref #62	**108E10000**	**CPM PROGRESS SCHEDULE, (LUMP SUM)**	
	Awd	$4,500.00	$4,500.00
	2	$500.00	$500.00
	3	$2,161.00	$2,161.00
Ref #63	**614E11000**	**MAINTAINING TRAFFIC, (LUMP SUM)**	
	Awd	$10,470.00	$10,470.00
	2	$7,450.00	$7,450.00
	3	$15,000.00	$15,000.00
Ref #64	**623E10000**	**CONSTRUCTION LAYOUT STAKES AND SURVEYING, (LUMP SUM)**	
	Awd	$2,500.00	$2,500.00
	2	$9,100.00	$9,100.00
	3	$7,500.00	$7,500.00
Ref #65	**624E10000**	**MOBILIZATION, (LUMP SUM)**	
	Awd	$10,000.00	$10,000.00
	2	$10,000.00	$10,000.00
	3	$10,000.00	$10,000.00

Section 6 - INCIDENTALS - Totals

Awd	**$32,019.97**
2	**$30,502.50**
3	**$38,661.00**