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

Project No. 230156
PID 114006
MED-SR 83-03.43
Federal
Type: SIGNALIZATION
Letting Date: 3/9/2023
Completion Date: 6/28/2024

Contract Awarded To: PERRAM ELECTRIC INC
Award Amount: $411,835.00

Engineer's Estimate: $458,000.00

Bidder 1
PERRAM ELECTRIC INC
6882 RIDGE RD
Medina
WADSWORTH, OH 44281
Bid $411,835.00

Bidder 2
MILLER CABLE COMPANY
210 S BROADWAY ST P O BOX 68
Seneca
GREEN SPRINGS, OH 44836
Bid $425,000.00

Ref #1	**201E11000**	**CLEARING AND GRUBBING, (LUMP SUM)**	
	Awd	$100.00	$100.00
	2	$100.00	$100.00
Ref #2	**202E23000**	**PAVEMENT REMOVED, (32 SY)**	
	Awd	$47.00	$1,504.00
	2	$51.00	$1,632.00
Ref #3	**202E30000**	**WALK REMOVED, (1582 SF)**	
	Awd	$6.00	$9,492.00
	2	$8.00	$12,656.00
Ref #4	**202E32000**	**CURB REMOVED, (309 FT)**	
	Awd	$16.00	$4,944.00
	2	$17.00	$5,253.00
Ref #5	**202E98000**	**REMOVAL MISC.: BRICK PAVERS REMOVED AND REPLACED, (LUMP SUM)**	
	Awd	$3,110.00	$3,110.00
	2	$3,000.00	$3,000.00
Ref #6	**203E10000**	**EXCAVATION, (44 CY)**	
	Awd	$28.00	$1,232.00
	2	$29.50	$1,298.00
Ref #7	**203E20000**	**EMBANKMENT, (29 CY)**	
	Awd	$65.00	$1,885.00
	2	$68.50	$1,986.50
Ref #8	**204E10000**	**SUBGRADE COMPACTION, (126 SY)**	
	Awd	$4.00	$504.00
	2	$4.50	$567.00
Ref #9	**608E10000**	**4" CONCRETE WALK, (1071 SF)**	
	Awd	$11.50	$12,316.50
	2	$13.00	$13,923.00
Ref #10	**608E52000**	**CURB RAMP, (552 SF)**	
	Awd	$11.50	$6,348.00
	2	$13.00	$7,176.00

Section 1 - ROADWAY - Totals

Awd	**$41,435.50**
2	**$47,591.50**

Ref #11	**653E10000**	**TOPSOIL FURNISHED AND PLACED, (20 CY)**	
	Awd	$65.00	$1,300.00
	2	$40.00	$800.00
Ref #12	**659E00500**	**SEEDING AND MULCHING, CLASS 1, (200 SY)**	
	Awd	$4.00	$800.00
	2	$3.00	$600.00
Ref #13	**659E14000**	**REPAIR SEEDING AND MULCHING, (10 SY)**	
	Awd	$11.00	$110.00
	2	$6.00	$60.00
Ref #14	**659E20000**	**COMMERCIAL FERTILIZER, (0.05 TON)**	
	Awd	$1,500.00	$75.00
	2	$800.00	$40.00

Ref #15	**659E31000**	**LIME, (0.04 ACRE)**	
	Awd	$1,500.00	$60.00
	2	$900.00	$36.00
Ref #16	**659E35000**	**WATER, (1 MGAL)**	
	Awd	$50.00	$50.00
	2	$50.00	$50.00
Ref #17	**832E30000**	**EROSION CONTROL, (5000 EACH)**	
	Awd	$1.00	$5,000.00
	2	$1.00	$5,000.00

Section 2 - EROSION CONTROL - Totals

Awd	**$7,395.00**
2	**$6,586.00**

Ref #18	**605E06000**	**4" BASE PIPE UNDERDRAINS, (206 FT)**	
	Awd	$12.00	$2,472.00
	2	$15.00	$3,090.00
Ref #19	**611E00410**	**4" CONDUIT, TYPE F FOR UNDERDRAIN OUTLET, (10 FT)**	
	Awd	$30.00	$300.00
	2	$30.00	$300.00

Section 3 - DRAINAGE - Totals

Awd	**$2,772.00**
2	**$3,390.00**

Ref #20	**252E01500**	**FULL DEPTH PAVEMENT SAWING, (264 FT)**	
	Awd	$5.00	$1,320.00
	2	$4.00	$1,056.00
Ref #21	**254E01000**	**PAVEMENT PLANING, ASPHALT CONCRETE, 3", (30 SY)**	
	Awd	$100.00	$3,000.00
	2	$52.50	$1,575.00
Ref #22	**255E10010**	**FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT,, (7 SY)**	
	Awd	$150.00	$1,050.00
	2	$155.00	$1,085.00
Ref #23	**255E20000**	**FULL DEPTH PAVEMENT SAWING, (92 FT)**	
	Awd	$5.00	$460.00
	2	$4.00	$368.00
Ref #24	**301E56100**	**ASPHALT CONCRETE BASE, PG64-22, (449), (DRIVEWAYS), (2 CY)**	
	Awd	$700.00	$1,400.00
	2	$1,150.00	$2,300.00
Ref #25	**304E20000**	**AGGREGATE BASE, (28 CY)**	
	Awd	$78.00	$2,184.00
	2	$90.00	$2,520.00
Ref #26	**305E10020**	**6" CONCRETE BASE, CLASS QC 1P WITH QC/QA, (93 SY)**	
	Awd	$102.00	$9,486.00
	2	$107.00	$9,951.00
Ref #27	**407E10000**	**TACK COAT, (17 GAL)**	
	Awd	$10.00	$170.00
	2	$3.00	$51.00

Ref #28	**441E70100**	**ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG, (11 CY)**	
	Awd	$700.00	$7,700.00
	2	$560.00	$6,160.00
Ref #29	**441E70500**	**ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), (D, (1 CY)**	
	Awd	$700.00	$700.00
	2	$2,150.00	$2,150.00
Ref #30	**452E12010**	**8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P, (33 SY)**	
	Awd	$90.00	$2,970.00
	2	$95.00	$3,135.00
Ref #31	**609E26000**	**CURB, TYPE 6, (401 FT)**	
	Awd	$30.00	$12,030.00
	2	$32.00	$12,832.00

Section 4 - PAVEMENT - Totals

Awd	**$42,470.00**
2	**$43,183.00**

Ref #32	**638E10800**	**VALVE BOX ADJUSTED TO GRADE, (2 EACH)**	
	Awd	$300.00	$600.00
	2	$350.00	$700.00

Section 5 - WATER WORK - Totals

Awd	**$600.00**
2	**$700.00**

Ref #33	**630E03100**	**GROUND MOUNTED SUPPORT, NO. 3 POST, (97.5 FT)**	
	Awd	$16.90	$1,647.75
	2	$11.00	$1,072.50
Ref #34	**630E08520**	**STREET NAME SIGN SUPPORT, NO. 3 POST, (18.5 FT)**	
	Awd	$24.00	$444.00
	2	$14.00	$259.00
Ref #35	**630E79100**	**SIGN HANGER ASSEMBLY, MAST ARM, (3 EACH)**	
	Awd	$350.00	$1,050.00
	2	$375.00	$1,125.00
Ref #36	**630E80100**	**SIGN, FLAT SHEET, (63.25 SF)**	
	Awd	$25.20	$1,593.90
	2	$34.00	$2,150.50
Ref #37	**630E84900**	**REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL, (4 EACH)**	
	Awd	$88.00	$352.00
	2	$25.00	$100.00
Ref #38	**630E85100**	**REMOVAL OF GROUND MOUNTED SIGN AND REERECTION, (11 EACH)**	
	Awd	$185.00	$2,035.00
	2	$85.00	$935.00
Ref #39	**630E86002**	**REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSA, (8 EACH)**	
	Awd	$88.00	$704.00
	2	$30.00	$240.00
Ref #40	**644E00300**	**CENTER LINE, (0.04 MILE)**	
	Awd	$75,000.00	$3,000.00
	2	$68,000.00	$2,720.00

Ref #41	**644E00500**	**STOP LINE, (64 FT)**	
	Awd	$4.00	$256.00
	2	$6.00	$384.00
Ref #42	**644E00630**	**CROSSWALK LINE, 24", (464 FT)**	
	Awd	$4.00	$1,856.00
	2	$17.00	$7,888.00
Ref #43	**644E30000**	**REMOVAL OF PAVEMENT MARKING, (805 FT)**	
	Awd	$2.00	$1,610.00
	2	$3.00	$2,415.00

Section 6 - TRAFFIC CONTROL - Totals

Awd	**$14,548.65**
2	**$19,289.00**

Ref #44	**625E23001**	**NO. 4 AWG 600 VOLT DISTRIBUTION CABLE, AS PER PLAN, (930 FT)**	
	Awd	$1.35	$1,255.50
	2	$4.00	$3,720.00
Ref #45	**625E25408**	**CONDUIT, 2", 725.051, (545 FT)**	
	Awd	$11.25	$6,131.25
	2	$10.00	$5,450.00
Ref #46	**625E25504**	**CONDUIT, 3", 725.051, (460 FT)**	
	Awd	$15.90	$7,314.00
	2	$15.00	$6,900.00
Ref #47	**625E25604**	**CONDUIT, 4", 725.051, (42 FT)**	
	Awd	$18.45	$774.90
	2	$25.00	$1,050.00
Ref #48	**625E25900**	**CONDUIT, JACKED OR DRILLED, 2", (480 FT)**	
	Awd	$30.90	$14,832.00
	2	$26.00	$12,480.00
Ref #49	**625E25900**	**CONDUIT, JACKED OR DRILLED, 3", (525 FT)**	
	Awd	$37.80	$19,845.00
	2	$35.00	$18,375.00
Ref #50	**625E29000**	**TRENCH, (110 FT)**	
	Awd	$15.25	$1,677.50
	2	$18.00	$1,980.00
Ref #51	**625E29400**	**TRENCH IN PAVED AREA, (155 FT)**	
	Awd	$32.35	$5,014.25
	2	$30.00	$4,650.00
Ref #52	**625E30706**	**PULL BOX, 725.08, 24", (9 EACH)**	
	Awd	$1,800.00	$16,200.00
	2	$1,400.00	$12,600.00
Ref #53	**625E32000**	**GROUND ROD, (13 EACH)**	
	Awd	$405.00	$5,265.00
	2	$275.00	$3,575.00
Ref #54	**625E36010**	**UNDERGROUND WARNING/MARKING TAPE, (590 FT)**	
	Awd	$1.50	$885.00
	2	$1.50	$885.00

Ref #55	**632E05006**	**VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS,, (9 EACH)**	
	Awd	$990.00	$8,910.00
	2	$1,375.00	$12,375.00
Ref #56	**632E20731**	**PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, , (10 EACH)**	
	Awd	$573.00	$5,730.00
	2	$750.00	$7,500.00
Ref #57	**632E20750**	**ACCESSIBLE PEDESTRIAN PUSHBUTTON, (10 EACH)**	
	Awd	$982.00	$9,820.00
	2	$950.00	$9,500.00
Ref #58	**632E25000**	**COVERING OF VEHICULAR SIGNAL HEAD, (9 EACH)**	
	Awd	$10.00	$90.00
	2	$40.00	$360.00
Ref #59	**632E25010**	**COVERING OF PEDESTRIAN SIGNAL HEAD, (10 EACH)**	
	Awd	$10.00	$100.00
	2	$30.00	$300.00
Ref #60	**632E40200**	**SIGNAL CABLE, 2 CONDUCTOR, NO. 14 AWG, (1980 FT)**	
	Awd	$1.92	$3,801.60
	2	$1.70	$3,366.00
Ref #61	**632E40500**	**SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG, (1980 FT)**	
	Awd	$2.47	$4,890.60
	2	$2.50	$4,950.00
Ref #62	**632E40700**	**SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG, (1060 FT)**	
	Awd	$2.75	$2,915.00
	2	$2.70	$2,862.00
Ref #63	**632E64010**	**SIGNAL SUPPORT FOUNDATION, (3 EACH)**	
	Awd	$6,125.00	$18,375.00
	2	$3,688.00	$11,064.00
Ref #64	**632E64020**	**PEDESTAL FOUNDATION, (8 EACH)**	
	Awd	$1,400.00	$11,200.00
	2	$950.00	$7,600.00
Ref #65	**632E67190**	**POWER CABLE, 1 CONDUCTOR, NO. 8 AWG, (1225 FT)**	
	Awd	$1.95	$2,388.75
	2	$2.40	$2,940.00
Ref #66	**632E69300**	**POWER CABLE, 3 CONDUCTOR, NO. 4 AWG, (100 FT)**	
	Awd	$5.45	$545.00
	2	$7.00	$700.00
Ref #67	**632E70001**	**POWER SERVICE, AS PER PLAN, (1 EACH)**	
	Awd	$2,075.00	$2,075.00
	2	$2,100.00	$2,100.00
Ref #68	**632E72101**	**SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 2, AS PER PL, (1 EACH)**	
	Awd	$6,905.00	$6,905.00
	2	$10,000.00	$10,000.00
Ref #69	**632E72131**	**SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 12, AS PER P, (2 EACH)**	
	Awd	$14,955.00	$29,910.00
	2	$15,000.00	$30,000.00
Ref #70	**632E90000**	**PEDESTAL, 11', TRANSFORMER BASE, (8 EACH)**	
	Awd	$822.00	$6,576.00
	2	$1,100.00	$8,800.00

Ref #71	**632E90101**	**REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLA, (1 EACH)**	
	Awd	$4,385.00	$4,385.00
	2	$1,700.00	$1,700.00
Ref #72	**633E65511**	**CABINET, TYPE TS-2, AS PER PLAN, (1 EACH)**	
	Awd	$15,270.00	$15,270.00
	2	$15,500.00	$15,500.00
Ref #73	**633E67100**	**CABINET FOUNDATION, (1 EACH)**	
	Awd	$3,155.00	$3,155.00
	2	$3,100.00	$3,100.00
Ref #74	**633E67200**	**CONTROLLER WORK PAD, (1 EACH)**	
	Awd	$100.00	$100.00
	2	$550.00	$550.00
Ref #75	**633E75001**	**UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS , (1 EACH)**	
	Awd	$8,180.00	$8,180.00
	2	$8,500.00	$8,500.00
Ref #76	**809E69101**	**STOP LINE RADAR DETECTION, AS PER PLAN, (4 EACH)**	
	Awd	$8,125.00	$32,500.00
	2	$9,200.00	$36,800.00
Ref #77	**809E69123**	**ATC CONTROLLER, AS PER PLAN, (1 EACH)**	
	Awd	$4,725.00	$4,725.00
	2	$5,500.00	$5,500.00

Section 7 - TRAFFIC SIGNALS - Totals

Awd	**$261,741.35**
2	**$257,732.00**

Ref #78	**614E11110**	**LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSIST, (100 HOUR)**	
	Awd	$69.00	$6,900.00
	2	$75.00	$7,500.00

Section 8 - MAINTENANCE OF TRAFFIC - Totals

Awd	**$6,900.00**
2	**$7,500.00**

Ref #79	**103E05000**	**PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYM, (LUMP SUM)**	
	Awd	$6,792.50	$6,792.50
	2	$3,848.50	$3,848.50
Ref #80	**614E11000**	**MAINTAINING TRAFFIC, (LUMP SUM)**	
	Awd	$13,180.00	$13,180.00
	2	$12,500.00	$12,500.00
Ref #81	**623E10000**	**CONSTRUCTION LAYOUT STAKES AND SURVEYING, (LUMP SUM)**	
	Awd	$4,000.00	$4,000.00
	2	$12,680.00	$12,680.00
Ref #82	**624E10000**	**MOBILIZATION, (LUMP SUM)**	
	Awd	$10,000.00	$10,000.00
	2	$10,000.00	$10,000.00

Section 9 - INCIDENTALS - Totals

Awd	**$33,972.50**
2	**$39,028.50**