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

Project No. 240255
PID 107326
D12-TSG FY2024
Non-Federal
Type: SIGNALIZATION
Letting Date: 4/18/2024
Completion Date: 6/27/2025

Contract Awarded To: TRAFFTECH INC
Award Amount: $432,251.25

Engineer's Estimate: $423,000.00

Bidder 1
TRAFFTECH INC
7000 HUBBARD AVE
Cuyahoga
CLEVELAND, OH 44127
Bid $432,251.25

Bidder 2
PERRAM ELECTRIC INC
6882 RIDGE RD
Medina
WADSWORTH, OH 44281
Bid $435,535.00

Ref #1	**201E11000**	**CLEARING AND GRUBBING, (LUMP SUM)**	
	Awd	$1,800.00	$1,800.00
	2	$392.00	$392.00
Ref #2	**202E30000**	**WALK REMOVED, (269 SF)**	
	Awd	$10.00	$2,690.00
	2	$10.00	$2,690.00
Ref #3	**202E30600**	**CONCRETE MEDIAN REMOVED, (125 SY)**	
	Awd	$58.00	$7,250.00
	2	$3.00	$375.00
Ref #4	**202E32000**	**CURB REMOVED, (71 FT)**	
	Awd	$23.00	$1,633.00
	2	$15.00	$1,065.00
Ref #5	**204E20000**	**EMBANKMENT, (0.16 CY)**	
	Awd	$3,500.00	$560.00
	2	$500.00	$80.00
Ref #6	**608E10000**	**4" CONCRETE WALK, (243 SF)**	
	Awd	$18.00	$4,374.00
	2	$24.00	$5,832.00
Ref #7	**608E52000**	**CURB RAMP, (192 SF)**	
	Awd	$58.00	$11,136.00
	2	$24.00	$4,608.00

Section 1 - ROADWAY - Totals

Awd	**$29,443.00**
2	**$15,042.00**

Ref #8	**659E10000**	**SEEDING AND MULCHING, (3 SY)**	
	Awd	$225.00	$675.00
	2	$83.35	$250.05

Section 2 - EROSION CONTROL - Totals

Awd	**$675.00**
2	**$250.05**

Ref #9	**609E26000**	**CURB, TYPE 6, (52 FT)**	
	Awd	$75.00	$3,900.00
	2	$55.00	$2,860.00
Ref #10	**609E72001**	**CONCRETE MEDIAN, AS PER PLAN, (30 SY)**	
	Awd	$340.00	$10,200.00
	2	$155.00	$4,650.00

Section 3 - PAVEMENT - Totals

Awd	**$14,100.00**
2	**$7,510.00**

Ref #11	**625E00450**	**CONNECTION, FUSED PULL APART, (2 EACH)**	
	Awd	$145.00	$290.00
	2	$155.00	$310.00

Ref #12	**625E23000**	**NO. 4 AWG 600 VOLT DISTRIBUTION CABLE, (64 FT)**	
	Awd	$3.75	$240.00
	2	$4.00	$256.00
Ref #13	**625E23400**	**NO. 10 AWG POLE AND BRACKET CABLE, (64 FT)**	
	Awd	$2.10	$134.40
	2	$1.80	$115.20
Ref #14	**625E26252**	**LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), 120 VO, (1 EACH)**	
	Awd	$800.00	$800.00
	2	$685.00	$685.00
Ref #15	**625E98100**	**LIGHTING, MISC.: CABLE REMOVED AND REINSTALLED, (191 FT)**	
	Awd	$3.00	$573.00
	2	$3.50	$668.50

Section 4 - LIGHTING - Totals

Awd	**$2,037.40**
2	**$2,034.70**

Ref #16	**630E75000**	**SIGN ATTACHMENT ASSEMBLY, (4 EACH)**	
	Awd	$750.00	$3,000.00
	2	$675.00	$2,700.00
Ref #17	**630E79200**	**SIGN ATTACHMENT ASSEMBLY, MAST ARM, (6 EACH)**	
	Awd	$405.00	$2,430.00
	2	$290.00	$1,740.00
Ref #18	**630E79500**	**SIGN SUPPORT ASSEMBLY, POLE MOUNTED, (13 EACH)**	
	Awd	$75.00	$975.00
	2	$120.00	$1,560.00
Ref #19	**630E80100**	**SIGN, FLAT SHEET, (109 SF)**	
	Awd	$12.00	$1,308.00
	2	$24.80	$2,703.20
Ref #20	**630E80224**	**SIGN, OVERHEAD EXTRUSHEET, (180 SF)**	
	Awd	$18.00	$3,240.00
	2	$36.85	$6,633.00
Ref #21	**630E87400**	**REMOVAL OF OVERHEAD MOUNTED SIGN AND DISPOSAL, (2 EACH)**	
	Awd	$300.00	$600.00
	2	$285.00	$570.00
Ref #22	**630E87500**	**REMOVAL OF POLE MOUNTED SIGN AND DISPOSAL, (15 EACH)**	
	Awd	$30.00	$450.00
	2	$51.00	$765.00
Ref #23	**646E10200**	**CENTER LINE, (0.03 MILE)**	
	Awd	$12,500.00	$375.00
	2	$5,200.00	$156.00
Ref #24	**646E10300**	**CHANNELIZING LINE, 8", (349 FT)**	
	Awd	$2.00	$698.00
	2	$1.75	$610.75
Ref #25	**646E10400**	**STOP LINE, (59 FT)**	
	Awd	$12.00	$708.00
	2	$12.00	$708.00

Ref #26	**646E10510**	**CROSSWALK LINE, 12", (134 FT)**	
	Awd	$6.00	$804.00
	2	$12.00	$1,608.00
Ref #27	**646E10600**	**TRANSVERSE/DIAGONAL LINE, (27 FT)**	
	Awd	$10.00	$270.00
	2	$10.00	$270.00
Ref #28	**646E20300**	**LANE ARROW, (17 EACH)**	
	Awd	$175.00	$2,975.00
	2	$165.00	$2,805.00
Ref #29	**646E50000**	**REMOVAL OF PAVEMENT MARKING, (11 EACH)**	
	Awd	$250.00	$2,750.00
	2	$100.00	$1,100.00
Ref #30	**646E50100**	**REMOVAL OF PAVEMENT MARKING, (608 FT)**	
	Awd	$3.00	$1,824.00
	2	$2.00	$1,216.00

Section 5 - TRAFFIC CONTROL - Totals

Awd	**$22,407.00**
2	**$25,144.95**

Ref #31	**625E25600**	**CONDUIT, 4", 725.04, (169 FT)**	
	Awd	$60.00	$10,140.00
	2	$59.45	$10,047.05
Ref #32	**625E25902**	**CONDUIT, JACKED OR DRILLED, 725.04, 4", (510 FT)**	
	Awd	$100.00	$51,000.00
	2	$95.55	$48,730.50
Ref #33	**625E29000**	**TRENCH, (169 FT)**	
	Awd	$12.00	$2,028.00
	2	$17.00	$2,873.00
Ref #34	**625E30700**	**PULL BOX, 725.08, 18", (5 EACH)**	
	Awd	$950.00	$4,750.00
	2	$1,785.00	$8,925.00
Ref #35	**625E30706**	**PULL BOX, 725.08, 24", (5 EACH)**	
	Awd	$1,200.00	$6,000.00
	2	$1,965.00	$9,825.00
Ref #36	**625E31510**	**PULL BOX REMOVED, (10 EACH)**	
	Awd	$300.00	$3,000.00
	2	$155.00	$1,550.00
Ref #37	**625E32000**	**GROUND ROD, (5 EACH)**	
	Awd	$350.00	$1,750.00
	2	$295.00	$1,475.00
Ref #38	**625E34000**	**POWER SERVICE, (1 EACH)**	
	Awd	$2,800.00	$2,800.00
	2	$2,455.00	$2,455.00
Ref #39	**625E36010**	**UNDERGROUND WARNING/MARKING TAPE, (169 FT)**	
	Awd	$3.50	$591.50
	2	$2.15	$363.35

Ref #40	**632E05007**	**VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS,, (12 EACH)**	
	Awd	$900.00	$10,800.00
	2	$1,046.00	$12,552.00
Ref #41	**632E05065**	**VEHICULAR SIGNAL HEAD, (LED), 4-SECTION, 12" LENS,, (1 EACH)**	
	Awd	$1,100.00	$1,100.00
	2	$1,235.00	$1,235.00
Ref #42	**632E20731**	**PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, , (3 EACH)**	
	Awd	$600.00	$1,800.00
	2	$500.00	$1,500.00
Ref #43	**632E25000**	**COVERING OF VEHICULAR SIGNAL HEAD, (13 EACH)**	
	Awd	$150.00	$1,950.00
	2	$10.00	$130.00
Ref #44	**632E25010**	**COVERING OF PEDESTRIAN SIGNAL HEAD, (3 EACH)**	
	Awd	$100.00	$300.00
	2	$5.00	$15.00
Ref #45	**632E26000**	**PEDESTRIAN PUSHBUTTON, (3 EACH)**	
	Awd	$195.00	$585.00
	2	$320.00	$960.00
Ref #46	**632E40500**	**SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG, (771 FT)**	
	Awd	$2.75	$2,120.25
	2	$2.35	$1,811.85
Ref #47	**632E40700**	**SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG, (1458 FT)**	
	Awd	$3.25	$4,738.50
	2	$2.52	$3,674.16
Ref #48	**632E40900**	**SIGNAL CABLE, 9 CONDUCTOR, NO. 14 AWG, (528 FT)**	
	Awd	$3.95	$2,085.60
	2	$2.90	$1,531.20
Ref #49	**632E64011**	**SIGNAL SUPPORT FOUNDATION, AS PER PLAN, (5 EACH)**	
	Awd	$6,500.00	$32,500.00
	2	$7,930.00	$39,650.00
Ref #50	**632E64020**	**PEDESTAL FOUNDATION, (3 EACH)**	
	Awd	$1,100.00	$3,300.00
	2	$1,665.00	$4,995.00
Ref #51	**632E64950**	**TEST HOLE PERFORMED, (3 EACH)**	
	Awd	$500.00	$1,500.00
	2	$290.00	$870.00
Ref #52	**632E72101**	**SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 2, AS PER PL, (1 EACH)**	
	Awd	$11,500.00	$11,500.00
	2	$10,280.00	$10,280.00
Ref #53	**632E72111**	**SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 4, AS PER PL, (1 EACH)**	
	Awd	$13,500.00	$13,500.00
	2	$11,610.00	$11,610.00
Ref #54	**632E78369**	**COMBINATION SIGNAL SUPPORT, TYPE TC-12.31 DESIGN 1, (1 EACH)**	
	Awd	$32,000.00	$32,000.00
	2	$28,690.00	$28,690.00
Ref #55	**632E79111**	**COMBINATION SIGNAL SUPPORT, TYPE TC-81.22, DESIGN , (1 EACH)**	
	Awd	$13,800.00	$13,800.00
	2	$12,405.00	$12,405.00

Ref #56	**632E89600**	**PEDESTAL, 8', (3 EACH)**	
	Awd	$950.00	$2,850.00
	2	$1,540.00	$4,620.00
Ref #57	**632E90101**	**REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLA, (5 EACH)**	
	Awd	$900.00	$4,500.00
	2	$2,375.00	$11,875.00
Ref #58	**632E90201**	**REUSE OF VEHICULAR SIGNAL HEAD, AS PER PLAN, (4 EACH)**	
	Awd	$300.00	$1,200.00
	2	$580.00	$2,320.00
Ref #59	**632E90400**	**SIGNALIZATION, MISC.: PREEMPTION EQUIPMENT, (1 EACH)**	
	Awd	$3,500.00	$3,500.00
	2	$3,720.00	$3,720.00
Ref #60	**632E90400**	**SIGNALIZATION, MISC.: REUSE OF EXISTING ADVANCED R, (1 EACH)**	
	Awd	$1,200.00	$1,200.00
	2	$1,455.00	$1,455.00
Ref #61	**632E90400**	**SIGNALIZATION, MISC.: REUSE OF EXISTING STOP LINE , (1 EACH)**	
	Awd	$1,200.00	$1,200.00
	2	$1,455.00	$1,455.00
Ref #63	**633E65521**	**CABINET, TYPE 332, AS PER PLAN, (1 EACH)**	
	Awd	$14,000.00	$14,000.00
	2	$12,095.00	$12,095.00
Ref #64	**633E67100**	**CABINET FOUNDATION, (1 EACH)**	
	Awd	$3,800.00	$3,800.00
	2	$2,630.00	$2,630.00
Ref #65	**633E67200**	**CONTROLLER WORK PAD, (1 EACH)**	
	Awd	$900.00	$900.00
	2	$2,700.00	$2,700.00
Ref #66	**633E74001**	**UNINTERRUPTIBLE POWER SUPPLY (UPS), AS PER PLAN, (1 EACH)**	
	Awd	$7,500.00	$7,500.00
	2	$7,050.00	$7,050.00
Ref #67	**809E69101**	**STOP LINE RADAR DETECTION, AS PER PLAN, (3 EACH)**	
	Awd	$9,500.00	$28,500.00
	2	$8,635.00	$25,905.00
Ref #68	**809E69123**	**ATC CONTROLLER, AS PER PLAN, (1 EACH)**	
	Awd	$8,200.00	$8,200.00
	2	$8,930.00	$8,930.00
Ref #100	**632E79421**	**COMBINATION SIGNAL SUPPORT, TYPE TC-81.22 DESIGN 1, (1 EACH)**	
	Awd	$24,000.00	$24,000.00
	2	$21,990.00	$21,990.00
Ref #101	**625E18100**	**BRACKET ARM, 12', (1 EACH)**	
	Awd	$800.00	$800.00
	2	$625.00	$625.00

Section 6 - TRAFFIC SIGNALS - Totals

Awd	**$317,788.85**
2	**$325,523.11**

Ref #69	**614E11110**	**LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSIST, (24 HOUR)**	
	Awd	$75.00	$1,800.00
	2	$80.00	$1,920.00
Ref #70	**614E18601**	**PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN, (3 SNMT)**	
	Awd	$900.00	$2,700.00
	2	$875.00	$2,625.00

Section 7 - MAINTENANCE OF TRAFFIC - Totals

Awd	**$4,500.00**
2	**$4,545.00**

Ref #71	**103E05000**	**PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYM, (LUMP SUM)**	
	Awd	$1,500.00	$1,500.00
	2	$7,065.19	$7,065.19
Ref #72	**614E11000**	**MAINTAINING TRAFFIC, (LUMP SUM)**	
	Awd	$3,500.00	$3,500.00
	2	$17,920.00	$17,920.00
Ref #73	**619E16011**	**FIELD OFFICE, TYPE B, AS PER PLAN, (12 MNTH)**	
	Awd	$1,000.00	$12,000.00
	2	$1,500.00	$18,000.00
Ref #74	**623E10000**	**CONSTRUCTION LAYOUT STAKES AND SURVEYING, (LUMP SUM)**	
	Awd	$13,800.00	$13,800.00
	2	$2,500.00	$2,500.00
Ref #75	**624E10000**	**MOBILIZATION, (LUMP SUM)**	
	Awd	$10,500.00	$10,500.00
	2	$10,000.00	$10,000.00

Section 8 - INCIDENTALS - Totals

Awd	**$41,300.00**
2	**$55,485.19**