Ohio Department of Transportation
Official Bid Tabulation
Pamela Boratyn, Director

Project No. 268012
PID 120039
VAN-Bonnewitz Avenue Signal
Federal
Type: SIGNALIZATION
Letting Date: 6/25/2026
Completion Date: 7/1/2027

Contract Awarded To: PERRAM ELECTRIC INC
Award Amount: $567,680.00

Engineer's Estimate: $570,000.00

Bidder 1
PERRAM ELECTRIC INC
6882 RIDGE RD
Medina
WADSWORTH, OH 44281
Bid $567,680.00

Bidder 2
U S UTILITY CONTRACTOR COMPANY
3592 GENOA RD
Wood
PERRYSBURG, OH 43551
Bid $593,530.80

Bidder 3
MADEX CONSTRUCTION CO
8300 BESSEMER AVE
Cuyahoga
CLEVELAND, OH 44127
Bid $1,309,847.34

Ref #1	**202E30000**	**WALK REMOVED, (1343 SF)**	
	Awd	$6.00	$8,058.00
	2	$6.30	$8,460.90
	3	$15.00	$20,145.00
Ref #2	**202E32500**	**CURB AND GUTTER REMOVED, (234 FT)**	
	Awd	$15.00	$3,510.00
	2	$15.75	$3,685.50
	3	$35.00	$8,190.00
Ref #3	**202E75610**	**VALVE BOX REMOVED, (1 EACH)**	
	Awd	$500.00	$500.00
	2	$525.00	$525.00
	3	$1,800.00	$1,800.00
Ref #4	**202E98000**	**REMOVAL MISC.: REMOVED, (LUMP SUM)**	
	Awd	$7,500.00	$7,500.00
	2	$7,875.00	$7,875.00
	3	$957.00	$957.00
Ref #5	**203E10000**	**EXCAVATION, (102 CY)**	
	Awd	$45.00	$4,590.00
	2	$47.25	$4,819.50
	3	$55.00	$5,610.00
Ref #6	**204E10000**	**SUBGRADE COMPACTION, (152 SY)**	
	Awd	$3.00	$456.00
	2	$3.15	$478.80
	3	$10.00	$1,520.00
Ref #7	**204E13000**	**EXCAVATION OF SUBGRADE, (51 CY)**	
	Awd	$40.00	$2,040.00
	2	$42.00	$2,142.00
	3	$57.00	$2,907.00
Ref #8	**608E10000**	**4" CONCRETE WALK, (257 SF)**	
	Awd	$17.50	$4,497.50
	2	$18.38	$4,723.66
	3	$25.00	$6,425.00
Ref #9	**608E13000**	**6" CONCRETE WALK, (488 SF)**	
	Awd	$19.50	$9,516.00
	2	$20.48	$9,994.24
	3	$29.00	$14,152.00
Ref #10	**608E52000**	**CURB RAMP (4" THICK), (803 SF)**	
	Awd	$17.50	$14,052.50
	2	$18.38	$14,759.14
	3	$49.00	$39,347.00
Ref #11	**608E52000**	**CURB RAMP (6" THICK), (81 SF)**	
	Awd	$19.50	$1,579.50
	2	$20.48	$1,658.88
	3	$53.00	$4,293.00
Ref #12	**608E52000**	**CURB RAMP (8" THICK), (34 SF)**	
	Awd	$21.75	$739.50
	2	$22.84	$776.56
	3	$59.00	$2,006.00

Section 1 - ROADWAY - Totals

Awd	**$57,039.00**
2	**$59,899.18**
3	**$107,352.00**

Ref #13	**659E00501**	**SEEDING AND MULCHING, CLASS 1, AS PER PLAN, (66 SY)**	
	Awd	$20.00	$1,320.00
	2	$21.00	$1,386.00
	3	$49.00	$3,234.00
Ref #14	**832E30000**	**EROSION CONTROL, (1500 EACH)**	
	Awd	$1.00	$1,500.00
	2	$1.00	$1,500.00
	3	$1.00	$1,500.00

Section 2 - EROSION CONTROL - Totals

Awd	**$2,820.00**
2	**$2,886.00**
3	**$4,734.00**

Ref #15	**611E00100**	**4" CONDUIT, TYPE B, 707.45, STORM REPAIR, (50 FT)**	
	Awd	$15.00	$750.00
	2	$15.75	$787.50
	3	$100.00	$5,000.00
Ref #16	**611E00900**	**6" CONDUIT, TYPE B, 707.45, STORM REPAIR, (50 FT)**	
	Awd	$17.00	$850.00
	2	$17.85	$892.50
	3	$110.00	$5,500.00
Ref #17	**611E01800**	**8" CONDUIT, TYPE B, 707.45, STORM REPAIR, (50 FT)**	
	Awd	$19.00	$950.00
	2	$19.95	$997.50
	3	$125.00	$6,250.00

Section 3 - DRAINAGE - Totals

Awd	**$2,550.00**
2	**$2,677.50**
3	**$16,750.00**

Ref #18	**301E56100**	**ASPHALT CONCRETE BASE, PG64-22, (449), (DRIVEWAYS), (2 CY)**	
	Awd	$1,440.00	$2,880.00
	2	$1,244.50	$2,489.00
	3	$7,500.00	$15,000.00
Ref #19	**304E20000**	**AGGREGATE BASE, (29 CY)**	
	Awd	$120.00	$3,480.00
	2	$126.00	$3,654.00
	3	$180.00	$5,220.00
Ref #20	**407E20000**	**NON-TRACKING TACK COAT (APPLIED @0.06 GAL/SY), (8 GAL)**	
	Awd	$6.00	$48.00
	2	$3.69	$29.52
	3	$10.00	$80.00

Ref #21	**411E10000**	**STABILIZED CRUSHED AGGREGATE, (17 CY)**	
	Awd	$120.00	$2,040.00
	2	$126.00	$2,142.00
	3	$190.00	$3,230.00
Ref #22	**441E70000**	**ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), PG, (6 CY)**	
	Awd	$950.00	$5,700.00
	2	$1,244.50	$7,467.00
	3	$7,500.00	$45,000.00
Ref #23	**609E12001**	**COMBINATION CURB AND GUTTER, TYPE 2, AS PER PLAN, (234 FT)**	
	Awd	$60.00	$14,040.00
	2	$63.00	$14,742.00
	3	$102.00	$23,868.00
Ref #24	**609E33201**	**CURB, TYPE 10-B, AS PER PLAN, (62 FT)**	
	Awd	$50.00	$3,100.00
	2	$52.50	$3,255.00
	3	$129.00	$7,998.00
Ref #25	**609E57000**	**8" CONCRETE TRAFFIC ISLAND, (8 SY)**	
	Awd	$125.00	$1,000.00
	2	$131.25	$1,050.00
	3	$241.00	$1,928.00
Ref #26	**613E41200**	**LOW STRENGTH MORTAR BACKFILL, (7 CY)**	
	Awd	$375.00	$2,625.00
	2	$393.75	$2,756.25
	3	$281.00	$1,967.00

Section 4 - PAVEMENT - Totals

Awd	**$34,913.00**
2	**$37,584.77**
3	**$104,291.00**

Ref #27	**630E03100**	**GROUND MOUNTED SUPPORT, NO. 3 POST, (13 FT)**	
	Awd	$20.90	$271.70
	2	$17.85	$232.05
	3	$80.00	$1,040.00
Ref #28	**630E79101**	**SIGN HANGER ASSEMBLY, MAST ARM, AS PER PLAN, (6 EACH)**	
	Awd	$390.00	$2,340.00
	2	$577.50	$3,465.00
	3	$900.00	$5,400.00
Ref #29	**630E80100**	**SIGN, FLAT SHEET, (34 SF)**	
	Awd	$34.20	$1,162.80
	2	$29.40	$999.60
	3	$60.51	$2,057.34
Ref #30	**630E80511**	**SIGN, STREET NAME, AS PER PLAN, (4 EACH)**	
	Awd	$347.00	$1,388.00
	2	$236.25	$945.00
	3	$449.00	$1,796.00
Ref #31	**630E85000**	**REMOVAL OF GROUND MOUNTED SIGN AND STORAGE, (2 EACH)**	
	Awd	$104.00	$208.00
	2	$26.25	$52.50
	3	$80.00	$160.00

Ref #32	**630E86006**	**REMOVAL OF GROUND MOUNTED POST SUPPORT AND STORAGE, (1 EACH)**	
	Awd	$104.00	$104.00
	2	$26.25	$26.25
	3	$80.00	$80.00
Ref #33	**644E00300**	**CENTER LINE, (0.03 MILE)**	
	Awd	$15,835.00	$475.05
	2	$21,000.00	$630.00
	3	$29,000.00	$870.00
Ref #34	**644E00404**	**CHANNELIZING LINE, 12", (100 FT)**	
	Awd	$3.70	$370.00
	2	$5.25	$525.00
	3	$6.70	$670.00
Ref #35	**644E00500**	**STOP LINE, (48 FT)**	
	Awd	$19.00	$912.00
	2	$11.55	$554.40
	3	$39.00	$1,872.00
Ref #36	**644E00620**	**CROSSWALK LINE, 12", (356 FT)**	
	Awd	$9.50	$3,382.00
	2	$5.25	$1,869.00
	3	$29.00	$10,324.00
Ref #37	**644E30000**	**REMOVAL OF PAVEMENT MARKING, (516 FT)**	
	Awd	$9.30	$4,798.80
	2	$6.30	$3,250.80
	3	$24.00	$12,384.00

Section 5 - TRAFFIC CONTROL - Totals

Awd	**$15,412.35**
2	**$12,549.60**
3	**$36,653.34**

Ref #38	**611E00400**	**4" CONDUIT, TYPE E, (80 FT)**	
	Awd	$1.25	$100.00
	2	$13.15	$1,052.00
	3	$33.00	$2,640.00
Ref #39	**625E18201**	**BRACKET ARM, 15', AS PER PLAN, (3 EACH)**	
	Awd	$1,015.00	$3,045.00
	2	$1,360.80	$4,082.40
	3	$3,150.00	$9,450.00
Ref #40	**625E25408**	**CONDUIT, 2", 725.051, (168 FT)**	
	Awd	$11.65	$1,957.20
	2	$8.86	$1,488.48
	3	$49.50	$8,316.00
Ref #41	**625E25504**	**CONDUIT, 3", 725.051, (82 FT)**	
	Awd	$14.80	$1,213.60
	2	$10.17	$833.94
	3	$54.00	$4,428.00
Ref #42	**625E25604**	**CONDUIT, 4", 725.051, (168 FT)**	
	Awd	$18.45	$3,099.60
	2	$11.35	$1,906.80
	3	$66.00	$11,088.00

Ref #43	**625E25909**	**CONDUIT, JACKED OR DRILLED, 725.052, AS PER PLAN, , (299 FT)**	
	Awd	$53.90	$16,116.10
	2	$49.09	$14,677.91
	3	$132.00	$39,468.00
Ref #44	**625E25909**	**CONDUIT, JACKED OR DRILLED, 725.052, AS PER PLAN, , (86 FT)**	
	Awd	$67.05	$5,766.30
	2	$50.27	$4,323.22
	3	$147.00	$12,642.00
Ref #45	**625E26253**	**LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER, (3 EACH)**	
	Awd	$630.00	$1,890.00
	2	$700.46	$2,101.38
	3	$1,800.00	$5,400.00
Ref #46	**625E29000**	**TRENCH, (334 FT)**	
	Awd	$20.25	$6,763.50
	2	$12.66	$4,228.44
	3	$42.00	$14,028.00
Ref #47	**625E30700**	**PULL BOX, 725.08, 18", (2 EACH)**	
	Awd	$1,930.00	$3,860.00
	2	$1,189.00	$2,378.00
	3	$3,300.00	$6,600.00
Ref #48	**625E30706**	**PULL BOX, 725.08, 24", (3 EACH)**	
	Awd	$2,135.00	$6,405.00
	2	$1,572.50	$4,717.50
	3	$4,050.00	$12,150.00
Ref #49	**625E32000**	**GROUND ROD, (11 EACH)**	
	Awd	$327.00	$3,597.00
	2	$282.50	$3,107.50
	3	$1,200.00	$13,200.00
Ref #50	**625E36010**	**UNDERGROUND WARNING MARKING TAPE, (334 FT)**	
	Awd	$1.25	$417.50
	2	$2.06	$688.04
	3	$12.00	$4,008.00
Ref #51	**625E76000**	**ARC FLASH CALCULATIONS AND LABEL, SIGNAL POWER SER, (1 EACH)**	
	Awd	$1,800.00	$1,800.00
	2	$3,490.00	$3,490.00
	3	$6,900.00	$6,900.00
Ref #52	**632E05007**	**VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS,, (6 EACH)**	
	Awd	$1,055.00	$6,330.00
	2	$1,375.44	$8,252.64
	3	$3,900.00	$23,400.00
Ref #53	**632E05087**	**VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS,, (2 EACH)**	
	Awd	$1,815.00	$3,630.00
	2	$2,209.00	$4,418.00
	3	$5,400.00	$10,800.00
Ref #54	**632E20731**	**PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, , (8 EACH)**	
	Awd	$532.00	$4,256.00
	2	$856.00	$6,848.00
	3	$2,250.00	$18,000.00

Ref #55	**632E20751**	**ACCESSIBLE PEDESTRIAN PUSHBUTTON, AS PER PLAN, (8 EACH)**	
	Awd	$1,267.00	$10,136.00
	2	$1,302.28	$10,418.24
	3	$2,100.00	$16,800.00
Ref #56	**632E25000**	**COVERING OF VEHICULAR SIGNAL HEAD, (8 EACH)**	
	Awd	$20.00	$160.00
	2	$37.95	$303.60
	3	$112.50	$900.00
Ref #57	**632E25010**	**COVERING OF PEDESTRIAN SIGNAL HEAD, (8 EACH)**	
	Awd	$10.00	$80.00
	2	$30.36	$242.88
	3	$75.00	$600.00
Ref #58	**632E40500**	**SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG, (2825 FT)**	
	Awd	$3.51	$9,915.75
	2	$4.74	$13,390.50
	3	$14.50	$40,962.50
Ref #59	**632E40700**	**SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG, (1237 FT)**	
	Awd	$4.16	$5,145.92
	2	$5.36	$6,630.32
	3	$19.50	$24,121.50
Ref #60	**632E62820**	**INTERCONNECT, MISC.: SPREAD SPECTRUM RADIO UNIT, (2 EACH)**	
	Awd	$3,995.00	$7,990.00
	2	$7,221.32	$14,442.64
	3	$8,750.00	$17,500.00
Ref #61	**632E64011**	**SIGNAL SUPPORT FOUNDATION, AS PER PLAN, (4 EACH)**	
	Awd	$8,105.00	$32,420.00
	2	$7,388.00	$29,552.00
	3	$15,250.00	$61,000.00
Ref #62	**632E64020**	**PEDESTAL FOUNDATION, (6 EACH)**	
	Awd	$1,620.00	$9,720.00
	2	$2,053.50	$12,321.00
	3	$3,600.00	$21,600.00
Ref #63	**632E65300**	**LOOP DETECTOR LEAD-IN CABLE, 2 CONDUCTOR, NO. 14 A, (1928 FT)**	
	Awd	$2.70	$5,205.60
	2	$3.35	$6,458.80
	3	$12.00	$23,136.00
Ref #64	**632E68300**	**POWER CABLE, 3 CONDUCTOR, NO. 6 AWG, (80 FT)**	
	Awd	$7.55	$604.00
	2	$7.32	$585.60
	3	$270.00	$21,600.00
Ref #65	**632E70001**	**POWER SERVICE, AS PER PLAN, (1 EACH)**	
	Awd	$3,640.00	$3,640.00
	2	$5,777.00	$5,777.00
	3	$3,750.00	$3,750.00
Ref #66	**632E70400**	**CONDUIT RISER, 2" DIAMETER, (1 EACH)**	
	Awd	$1,220.00	$1,220.00
	2	$1,611.00	$1,611.00
	3	$2,025.00	$2,025.00

Ref #67	**632E72141**	**SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 13, AS PER P, (1 EACH)**	
	Awd	$20,365.00	$20,365.00
	2	$23,454.72	$23,454.72
	3	$42,750.00	$42,750.00
Ref #68	**632E79131**	**COMBINATION SIGNAL SUPPORT, TYPE TC-81.22, DESIGN , (2 EACH)**	
	Awd	$17,855.00	$35,710.00
	2	$21,249.08	$42,498.16
	3	$38,250.00	$76,500.00
Ref #69	**632E79151**	**COMBINATION SIGNAL SUPPORT, TYPE TC-81.22, DESIGN , (1 EACH)**	
	Awd	$23,730.00	$23,730.00
	2	$27,693.06	$27,693.06
	3	$48,750.00	$48,750.00
Ref #70	**632E89921**	**PEDESTAL, 10.7' TALL, TRANSFORMER BASE, AS PER PLA, (6 EACH)**	
	Awd	$2,387.00	$14,322.00
	2	$2,379.62	$14,277.72
	3	$4,950.00	$29,700.00
Ref #71	**632E90101**	**REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLA, (1 EACH)**	
	Awd	$8,280.00	$8,280.00
	2	$10,900.00	$10,900.00
	3	$12,750.00	$12,750.00
Ref #72	**633E65511**	**CABINET, TYPE TS-2, AS PER PLAN, (1 EACH)**	
	Awd	$25,265.00	$25,265.00
	2	$25,959.72	$25,959.72
	3	$44,250.00	$44,250.00
Ref #73	**633E67100**	**CABINET FOUNDATION, (1 EACH)**	
	Awd	$3,670.00	$3,670.00
	2	$2,382.50	$2,382.50
	3	$7,200.00	$7,200.00
Ref #74	**633E67201**	**CONTROLLER WORK PAD, AS PER PLAN, (1 EACH)**	
	Awd	$920.00	$920.00
	2	$1,817.50	$1,817.50
	3	$3,375.00	$3,375.00
Ref #75	**633E75001**	**UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS , (1 EACH)**	
	Awd	$6,620.00	$6,620.00
	2	$7,428.40	$7,428.40
	3	$12,900.00	$12,900.00
Ref #76	**633E99000**	**CONTROLLER ITEM, MISC.:SIGNAL TIMING ADJUSTMENTS, (1 EACH)**	
	Awd	$880.00	$880.00
	2	$1,606.50	$1,606.50
	3	$3,900.00	$3,900.00
Ref #77	**809E69101**	**STOP LINE RADAR DETECTION, AS PER PLAN, (4 EACH)**	
	Awd	$10,770.00	$43,080.00
	2	$11,355.00	$45,420.00
	3	$23,250.00	$93,000.00
Ref #78	**809E69123**	**ATC CONTROLLER, AS PER PLAN, (1 EACH)**	
	Awd	$6,065.00	$6,065.00
	2	$6,916.94	$6,916.94
	3	$15,750.00	$15,750.00

Ref #79	**809E69201**	**EMERGENCY VEHICLE PREEMPTION, AS PER PLAN, (1 EACH)**	
	Awd	$565.00	$565.00
	2	$3,124.80	$3,124.80
	3	$1,374.00	$1,374.00
Ref #80	**809E69211**	**PREEMPT RECEIVING UNIT, AS PER PLAN, (4 EACH)**	
	Awd	$945.00	$3,780.00
	2	$2,220.84	$8,883.36
	3	$3,600.00	$14,400.00
Ref #81	**809E69221**	**PREEMPT DETECTOR CABLE, AS PER PLAN, (1220 FT)**	
	Awd	$2.21	$2,696.20
	2	$4.29	$5,233.80
	3	$9.00	$10,980.00
Ref #82	**809E69231**	**PREEMPT PHASE SELECTOR, AS PER PLAN, (1 EACH)**	
	Awd	$4,415.00	$4,415.00
	2	$5,505.44	$5,505.44
	3	$8,100.00	$8,100.00
Ref #83	**809E69241**	**PREEMPT CONFIRMATION LIGHT, AS PER PLAN, (4 EACH)**	
	Awd	$605.00	$2,420.00
	2	$1,282.00	$5,128.00
	3	$2,400.00	$9,600.00

Section 6 - TRAFFIC SIGNALS - Totals

Awd	**$359,267.27**
2	**$408,558.45**
3	**$871,792.00**

Ref #84	**614E11111**	**LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSIST, (16 HOUR)**	
	Awd	$120.00	$1,920.00
	2	$112.10	$1,793.60
	3	$125.00	$2,000.00
Ref #85	**616E10000**	**WATER, (1 MGAL)**	
	Awd	$150.00	$150.00
	2	$17.70	$17.70
	3	$39.00	$39.00

Section 7 - MAINTENANCE OF TRAFFIC - Totals

Awd	**$2,070.00**
2	**$1,811.30**
3	**$2,039.00**

Ref #86	**623E50000**	**PRECONSTRUCTION SURVEY MONUMENT VERIFICATION AND R, (LUMP SUM)**	
	Awd	$1,850.00	$1,850.00
	2	$1,711.00	$1,711.00
	3	$5,700.00	$5,700.00
Ref #87	**623E51000**	**POST CONSTRUCTION SURVEY MONUMENT VERIFICATION AND, (LUMP SUM)**	
	Awd	$1,850.00	$1,850.00
	2	$1,711.00	$1,711.00
	3	$6,700.00	$6,700.00

Section 8 - ENGINEERING AND SURVEYING SERVICES - Totals

Awd	**$3,700.00**
2	**$3,422.00**
3	**$12,400.00**

Ref #88	**103E05000**	**PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYM, (LUMP SUM)**	
	Awd	$8,623.38	$8,623.38
	2	$10,325.00	$10,325.00
	3	$29,150.00	$29,150.00
Ref #89	**614E11000**	**MAINTAINING TRAFFIC, (LUMP SUM)**	
	Awd	$47,285.00	$47,285.00
	2	$20,830.00	$20,830.00
	3	$29,856.00	$29,856.00
Ref #90	**623E10001**	**CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER P, (LUMP SUM)**	
	Awd	$6,000.00	$6,000.00
	2	$4,872.00	$4,872.00
	3	$19,843.00	$19,843.00
Ref #91	**624E10000**	**MOBILIZATION, (LUMP SUM)**	
	Awd	$28,000.00	$28,000.00
	2	$28,115.00	$28,115.00
	3	$74,987.00	$74,987.00

Section 9 - INCIDENTALS - Totals

Awd	**$89,908.38**
2	**$64,142.00**
3	**$153,836.00**