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

Project No. 220142
PID 111520
HAM-Springdale Signal Upgrades
Federal
Type: SIGNALIZATION
Letting Date: 3/10/2022
Completion Date: 3/1/2023

Contract Awarded To: PERRAM ELECTRIC INC
Award Amount: $695,600.00

Engineer's Estimate: $734,000.00

Bidder 1
PERRAM ELECTRIC INC
6882 RIDGE RD
Medina
WADSWORTH, OH 44281
Bid $695,600.00

Bidder 2
MILLER CABLE COMPANY
210 S BROADWAY ST P O BOX 68
Seneca
GREEN SPRINGS, OH 44836
Bid $726,500.00

Bidder 3
BANSAL CONSTRUCTION INC
3271 HOMEWARD WAY
Butler
FAIRFIELD, OH 45014
Bid $730,256.35

Ref #1	**202E30000**	**WALK REMOVED, (378 SF)**	
	Awd	$10.00	$3,780.00
	2	$10.00	$3,780.00
	3	$7.00	$2,646.00
Ref #2	**253E01001**	**PAVEMENT REPAIR, AS PER PLAN, (2.9 SY)**	
	Awd	$800.00	$2,320.00
	2	$800.00	$2,320.00
	3	$325.00	$942.50
Ref #3	**608E10000**	**4" CONCRETE WALK, (1.5 SF)**	
	Awd	$300.00	$450.00
	2	$300.00	$450.00
	3	$15.00	$22.50
Ref #4	**608E52000**	**CURB RAMP, (459 SF)**	
	Awd	$40.00	$18,360.00
	2	$40.00	$18,360.00
	3	$25.00	$11,475.00
Ref #5	**625E18510**	**BRACKET ARM, 30', (4 EACH)**	
	Awd	$1,710.00	$6,840.00
	2	$1,300.00	$5,200.00
	3	$2,045.00	$8,180.00
Ref #6	**625E23000**	**NO. 4 AWG 600 VOLT DISTRIBUTION CABLE, (889 FT)**	
	Awd	$2.95	$2,622.55
	2	$4.00	$3,556.00
	3	$3.00	$2,667.00
Ref #7	**625E23400**	**NO. 10 AWG POLE AND BRACKET CABLE, (564 FT)**	
	Awd	$1.25	$705.00
	2	$2.00	$1,128.00
	3	$2.00	$1,128.00
Ref #8	**625E25402**	**CONDUIT, 2", 725.05, (150 FT)**	
	Awd	$12.50	$1,875.00
	2	$16.00	$2,400.00
	3	$6.30	$945.00
Ref #9	**625E25602**	**CONDUIT, 4", 725.05, (95 FT)**	
	Awd	$21.15	$2,009.25
	2	$28.00	$2,660.00
	3	$14.90	$1,415.50
Ref #10	**625E25906**	**CONDUIT, JACKED OR DRILLED, 725.051 4", (840 FT)**	
	Awd	$48.35	$40,614.00
	2	$50.00	$42,000.00
	3	$45.00	$37,800.00
Ref #11	**625E26252**	**LUMINAIRE, CONVENTIONAL, SOLID STATE (LED)120 V, T, (4 EACH)**	
	Awd	$440.00	$1,760.00
	2	$500.00	$2,000.00
	3	$450.00	$1,800.00
Ref #12	**625E29010**	**TRENCH, 30" DEEP, (155 FT)**	
	Awd	$11.90	$1,844.50
	2	$17.00	$2,635.00
	3	$11.90	$1,844.50

Ref #13	**625E30706**	**PULL BOX, 725.08, 24", (8 EACH)**	
	Awd	$1,105.00	$8,840.00
	2	$1,250.00	$10,000.00
	3	$1,145.00	$9,160.00
Ref #14	**625E31600**	**PULL BOX, MISC.:ADJUSTED TO GRADE, (3 EACH)**	
	Awd	$670.00	$2,010.00
	2	$275.00	$825.00
	3	$565.00	$1,695.00
Ref #15	**625E32000**	**GROUND ROD, (10 EACH)**	
	Awd	$270.00	$2,700.00
	2	$265.00	$2,650.00
	3	$335.00	$3,350.00
Ref #16	**630E79100**	**SIGN HANGER ASSEMBLY, MAST ARM, (12 EACH)**	
	Awd	$235.00	$2,820.00
	2	$300.00	$3,600.00
	3	$375.00	$4,500.00
Ref #17	**630E80100**	**SIGN, FLAT SHEET, (108 SF)**	
	Awd	$23.95	$2,586.60
	2	$44.00	$4,752.00
	3	$32.00	$3,456.00
Ref #18	**632E03200**	**VEHICULAR SIGNAL HEAD, OPTICALLY PROGRAMMED, 3 SEC, (8 EACH)**	
	Awd	$3,780.00	$30,240.00
	2	$4,350.00	$34,800.00
	3	$4,275.00	$34,200.00
Ref #19	**632E05006**	**VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS,, (16 EACH)**	
	Awd	$740.00	$11,840.00
	2	$1,100.00	$17,600.00
	3	$1,050.00	$16,800.00
Ref #20	**632E05086**	**VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS,, (3 EACH)**	
	Awd	$1,265.00	$3,795.00
	2	$1,600.00	$4,800.00
	3	$1,620.00	$4,860.00
Ref #21	**632E10100**	**RELAMP EXISTING SIGNAL SECTION WITH LED LAMP UNIT , (234 EACH)**	
	Awd	$65.00	$15,210.00
	2	$49.00	$11,466.00
	3	$70.00	$16,380.00
Ref #22	**632E10100**	**RELAMP EXISTING SIGNAL SECTION WITH LED LAMP UNIT , (106 EACH)**	
	Awd	$73.00	$7,738.00
	2	$58.00	$6,148.00
	3	$70.00	$7,420.00
Ref #23	**632E10100**	**RELAMP EXISTING SIGNAL SECTION WITH LED LAMP UNIT , (234 EACH)**	
	Awd	$65.00	$15,210.00
	2	$49.00	$11,466.00
	3	$70.00	$16,380.00
Ref #24	**632E10100**	**RELAMP EXISTING SIGNAL SECTION WITH LED LAMP UNIT , (55 EACH)**	
	Awd	$73.00	$4,015.00
	2	$58.00	$3,190.00
	3	$70.00	$3,850.00

Ref #25	**632E10100**	**RELAMP EXISTING SIGNAL SECTION WITH LED LAMP UNIT , (234 EACH)**	
	Awd	$65.00	$15,210.00
	2	$49.00	$11,466.00
	3	$70.00	$16,380.00
Ref #26	**632E10100**	**RELAMP EXISTING SIGNAL SECTION WITH LED LAMP UNIT , (102 EACH)**	
	Awd	$74.00	$7,548.00
	2	$58.00	$5,916.00
	3	$70.00	$7,140.00
Ref #27	**632E20730**	**PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, (6 EACH)**	
	Awd	$475.00	$2,850.00
	2	$700.00	$4,200.00
	3	$550.00	$3,300.00
Ref #28	**632E25000**	**COVERING OF VEHICULAR SIGNAL HEAD, (19 EACH)**	
	Awd	$10.00	$190.00
	2	$70.00	$1,330.00
	3	$41.00	$779.00
Ref #29	**632E25010**	**COVERING OF PEDESTRIAN SIGNAL HEAD, (6 EACH)**	
	Awd	$5.00	$30.00
	2	$55.00	$330.00
	3	$41.00	$246.00
Ref #30	**632E26000**	**PEDESTRIAN PUSHBUTTON, (6 EACH)**	
	Awd	$295.00	$1,770.00
	2	$280.00	$1,680.00
	3	$260.00	$1,560.00
Ref #31	**632E40500**	**SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG, (1700 FT)**	
	Awd	$2.25	$3,825.00
	2	$2.60	$4,420.00
	3	$2.40	$4,080.00
Ref #32	**632E40700**	**SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG, (6000 FT)**	
	Awd	$2.60	$15,600.00
	2	$2.80	$16,800.00
	3	$2.70	$16,200.00
Ref #33	**632E64010**	**SIGNAL SUPPORT FOUNDATION, (4 EACH)**	
	Awd	$6,795.00	$27,180.00
	2	$8,300.00	$33,200.00
	3	$4,875.00	$19,500.00
Ref #34	**632E64011**	**SIGNAL SUPPORT FOUNDATION, AS PER PLAN, (1 EACH)**	
	Awd	$7,070.00	$7,070.00
	2	$9,650.00	$9,650.00
	3	$10,000.00	$10,000.00
Ref #35	**632E64020**	**PEDESTAL FOUNDATION, (5 EACH)**	
	Awd	$1,270.00	$6,350.00
	2	$800.00	$4,000.00
	3	$945.00	$4,725.00
Ref #36	**632E65300**	**LOOP DETECTOR LEAD-IN CABLE, 2 CONDUCTOR, NO. 14 A, (1700 FT)**	
	Awd	$1.90	$3,230.00
	2	$2.00	$3,400.00
	3	$2.15	$3,655.00

Ref #37	**632E68300**	**POWER CABLE, 3 CONDUCTOR, NO. 6 AWG, (80 FT)**	
	Awd	$4.10	$328.00
	2	$9.00	$720.00
	3	$4.20	$336.00
Ref #38	**632E70000**	**POWER SERVICE, (1 EACH)**	
	Awd	$1,710.00	$1,710.00
	2	$2,500.00	$2,500.00
	3	$6,075.00	$6,075.00
Ref #39	**632E72130**	**SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 12, (1 EACH)**	
	Awd	$13,500.00	$13,500.00
	2	$14,750.00	$14,750.00
	3	$16,100.00	$16,100.00
Ref #40	**632E72150**	**SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 14, (4 EACH)**	
	Awd	$18,175.00	$72,700.00
	2	$19,000.00	$76,000.00
	3	$21,050.00	$84,200.00
Ref #41	**632E89900**	**PEDESTAL, 8', TRANSFORMER BASE, (5 EACH)**	
	Awd	$880.00	$4,400.00
	2	$600.00	$3,000.00
	3	$875.00	$4,375.00
Ref #42	**632E90101**	**REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLA, (1 EACH)**	
	Awd	$1,885.00	$1,885.00
	2	$5,100.00	$5,100.00
	3	$5,100.00	$5,100.00
Ref #43	**632E90400**	**SIGNALIZATION, MISC.:RELAMP EXISTING PEDESTRIAN HE, (98 EACH)**	
	Awd	$165.00	$16,170.00
	2	$153.00	$14,994.00
	3	$215.00	$21,070.00
Ref #44	**632E90400**	**SIGNALIZATION, MISC.:REPLACE EXISTING CONFLICT MON, (28 EACH)**	
	Awd	$1,370.00	$38,360.00
	2	$1,500.00	$42,000.00
	3	$1,305.00	$36,540.00
Ref #45	**632E90400**	**SIGNALIZATION, MISC.:REPLACE EXISTING PUSHBUTTON, (68 EACH)**	
	Awd	$300.00	$20,400.00
	2	$250.00	$17,000.00
	3	$245.00	$16,660.00
Ref #46	**633E65510**	**CABINET, TYPE TS-2, (1 EACH)**	
	Awd	$11,055.00	$11,055.00
	2	$12,000.00	$12,000.00
	3	$13,850.00	$13,850.00
Ref #47	**633E67100**	**CABINET FOUNDATION, (1 EACH)**	
	Awd	$2,875.00	$2,875.00
	2	$2,800.00	$2,800.00
	3	$1,535.00	$1,535.00
Ref #48	**633E67200**	**CONTROLLER WORK PAD, (1 EACH)**	
	Awd	$435.00	$435.00
	2	$650.00	$650.00
	3	$975.00	$975.00

Ref #49	**633E75001**	**UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS , (1 EACH)**	
	Awd	$5,930.00	$5,930.00
	2	$6,000.00	$6,000.00
	3	$6,810.00	$6,810.00
Ref #50	**804E32011**	**DROP CABLE, 12 FIBER, AS PER PLAN, (1 EACH)**	
	Awd	$1,155.00	$1,155.00
	2	$1,500.00	$1,500.00
	3	$3,265.00	$3,265.00
Ref #51	**804E34013**	**FIBER TERMINATION PANEL, 12 FIBER, AS PER PLAN, (1 EACH)**	
	Awd	$1,325.00	$1,325.00
	2	$1,300.00	$1,300.00
	3	$1,400.00	$1,400.00
Ref #52	**804E37001**	**SPLICE ENCLOSURE, AS PER PLAN, (1 EACH)**	
	Awd	$1,090.00	$1,090.00
	2	$2,500.00	$2,500.00
	3	$1,050.00	$1,050.00
Ref #53	**804E37701**	**FIBER OPTIC CABLE TESTING, AS PER PLAN, (LUMP SUM)**	
	Awd	$670.00	$670.00
	2	$1,850.00	$1,850.00
	3	$1,165.00	$1,165.00
Ref #54	**809E60000**	**CCTV IP-CAMERA SYSTEM, DOME-TYPE, (1 EACH)**	
	Awd	$6,765.00	$6,765.00
	2	$8,250.00	$8,250.00
	3	$5,000.00	$5,000.00
Ref #55	**809E64500**	**HIGH-SPEED ETHERNET RADIO, (1 EACH)**	
	Awd	$2,550.00	$2,550.00
	2	$3,300.00	$3,300.00
	3	$3,215.00	$3,215.00
Ref #56	**809E64550**	**ETHERNET CABLE, OUTDOOR-RATED, (400 FT)**	
	Awd	$2.50	$1,000.00
	2	$3.00	$1,200.00
	3	$2.80	$1,120.00
Ref #57	**809E69101**	**STOP LINE RADAR DETECTION, AS PER PLAN, (21 EACH)**	
	Awd	$7,675.00	$161,175.00
	2	$7,700.00	$161,700.00
	3	$8,000.00	$168,000.00
Ref #100	**809E69123**	**ATC CONTROLLER, AS PER PLAN, (1 EACH)**	
	Awd	$4,300.00	$4,300.00
	2	$5,500.00	$5,500.00
	3	$5,820.00	$5,820.00

Section 1 - TRAFFIC SIGNALS - Totals

Awd	**$650,815.90**
2	**$678,792.00**
3	**$684,143.00**

Ref #58	**614E11110**	**LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSIST, (80 HOUR)**	
	Awd	$55.00	$4,400.00
	2	$70.00	$5,600.00
	3	$75.00	$6,000.00

Section 2 - MAINTENANCE OF TRAFFIC - Totals

Awd	**$4,400.00**
2	**$5,600.00**
3	**$6,000.00**

Ref #59	**103E05000**	**PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYM, (LUMP SUM)**	
	Awd	$10,124.10	$10,124.10
	2	$6,102.25	$6,102.25
	3	$7,613.35	$7,613.35
Ref #60	**614E11000**	**MAINTAINING TRAFFIC, (LUMP SUM)**	
	Awd	$10,160.00	$10,160.00
	2	$14,355.75	$14,355.75
	3	$5,000.00	$5,000.00
Ref #61	**623E10000**	**CONSTRUCTION LAYOUT STAKES AND SURVEYING, (LUMP SUM)**	
	Awd	$100.00	$100.00
	2	$1,650.00	$1,650.00
	3	$7,500.00	$7,500.00
Ref #62	**624E10000**	**MOBILIZATION, (LUMP SUM)**	
	Awd	$20,000.00	$20,000.00
	2	$20,000.00	$20,000.00
	3	$20,000.00	$20,000.00

Section 3 - INCIDENTALS - Totals

Awd	**$40,384.10**
2	**$42,108.00**
3	**$40,113.35**