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

Project No. 220317
PID 107619
D05-FY 2022 Signal Upgrade
Non-Federal
Type: SIGNALIZATION
Letting Date: 5/12/2022
Completion Date: 7/1/2023

Contract Awarded To: PERRAM ELECTRIC INC
Award Amount: $1,057,975.00

Engineer's Estimate: $1,020,000.00

Bidder 1
PERRAM ELECTRIC INC
6882 RIDGE RD
Medina
WADSWORTH, OH 44281
Bid $1,057,975.00

Bidder 2
COMPLETE GENERAL CONSTRUCTION COMPANY
1221 EAST FIFTH AVE
Franklin
COLUMBUS, OH 43219
Bid $1,079,066.20

Bidder 3
M P DORY CO
2001 INTEGRITY DR SOUTH
Franklin
COLUMBUS, OH 43209
Bid $1,082,919.90

Bidder 4
SHELLY COMPANY
80 PARK DR BOX 266
Perry
THORNVILLE, OH 43076
Bid $1,537,424.90

Ref #1	**202E42000**	**ANCHOR ASSEMBLY REMOVED, TYPE A, (1 EACH)**	
	Awd	$1,650.00	$1,650.00
	2	$365.00	$365.00
	3	$400.00	$400.00
	4	$365.00	$365.00
Ref #2	**202E98200**	**REMOVAL MISC.: PRIVATE FENCE, (60 FT)**	
	Awd	$6.45	$387.00
	2	$15.00	$900.00
	3	$5.00	$300.00
	4	$22.50	$1,350.00
Ref #3	**203E10000**	**EXCAVATION, (39 CY)**	
	Awd	$246.15	$9,599.85
	2	$70.00	$2,730.00
	3	$125.00	$4,875.00
	4	$200.00	$7,800.00
Ref #4	**203E20000**	**EMBANKMENT, (56 CY)**	
	Awd	$35.80	$2,004.80
	2	$20.00	$1,120.00
	3	$125.00	$7,000.00
	4	$78.00	$4,368.00
Ref #5	**204E10000**	**SUBGRADE COMPACTION, (216 SY)**	
	Awd	$4.35	$939.60
	2	$11.00	$2,376.00
	3	$20.00	$4,320.00
	4	$30.00	$6,480.00
Ref #6	**304E20000**	**AGGREGATE BASE, (36 CY)**	
	Awd	$355.00	$12,780.00
	2	$110.00	$3,960.00
	3	$260.00	$9,360.00
	4	$300.00	$10,800.00
Ref #7	**606E15050**	**GUARDRAIL, TYPE MGS, (212.5 FT)**	
	Awd	$39.75	$8,446.88
	2	$27.60	$5,865.00
	3	$32.00	$6,800.00
	4	$27.60	$5,865.00
Ref #8	**606E26150**	**ANCHOR ASSEMBLY, MGS TYPE E(NCHRP 350 OR MASH 2016, (1 EACH)**	
	Awd	$4,100.00	$4,100.00
	2	$3,420.00	$3,420.00
	3	$2,850.00	$2,850.00
	4	$3,420.00	$3,420.00

Section 1 - ROADWAY - Totals

Awd	**$39,908.13**
2	**$20,736.00**
3	**$35,905.00**
4	**$40,448.00**

Ref #9	**653E10000**	**TOPSOIL FURNISHED AND PLACED, (200 CY)**	
	Awd	$69.75	$13,950.00
	2	$35.00	$7,000.00
	3	$30.00	$6,000.00
	4	$112.00	$22,400.00

Ref #10	**659E00500**	**SEEDING AND MULCHING, CLASS 1, (2000 SY)**	
	Awd	$2.00	$4,000.00
	2	$2.95	$5,900.00
	3	$2.00	$4,000.00
	4	$1.00	$2,000.00
Ref #11	**659E20000**	**COMMERCIAL FERTILIZER, (0.27 TON)**	
	Awd	$100.00	$27.00
	2	$1,055.00	$284.85
	3	$1,000.00	$270.00
	4	$900.00	$243.00
Ref #12	**659E35000**	**WATER, (0.11 MGAL)**	
	Awd	$45.45	$5.00
	2	$1.36	$0.15
	3	$10.00	$1.10
	4	$1,000.00	$110.00
Ref #13	**832E30000**	**EROSION CONTROL, (10000 EACH)**	
	Awd	$1.00	$10,000.00
	2	$1.00	$10,000.00
	3	$1.00	$10,000.00
	4	$1.00	$10,000.00

Section 2 - EROSION CONTROL - Totals

Awd	**$27,982.00**
2	**$23,185.00**
3	**$20,271.10**
4	**$34,753.00**

Ref #14	**625E00450**	**CONNECTION, FUSED PULL APART, (14 EACH)**	
	Awd	$128.00	$1,792.00
	2	$115.00	$1,610.00
	3	$170.00	$2,380.00
	4	$265.00	$3,710.00
Ref #15	**625E00460**	**CONNECTION, UNFUSED PULL APART, (14 EACH)**	
	Awd	$128.00	$1,792.00
	2	$110.00	$1,540.00
	3	$170.00	$2,380.00
	4	$245.00	$3,430.00
Ref #16	**625E18200**	**BRACKET ARM, 15', (2 EACH)**	
	Awd	$665.00	$1,330.00
	2	$1,000.00	$2,000.00
	3	$960.00	$1,920.00
	4	$930.00	$1,860.00
Ref #17	**625E18400**	**BRACKET ARM, 20', (6 EACH)**	
	Awd	$965.00	$5,790.00
	2	$1,400.00	$8,400.00
	3	$1,490.00	$8,940.00
	4	$1,350.00	$8,100.00
Ref #18	**625E18510**	**BRACKET ARM, 30', (6 EACH)**	
	Awd	$1,850.00	$11,100.00
	2	$2,100.00	$12,600.00
	3	$2,600.00	$15,600.00
	4	$1,700.00	$10,200.00

Ref #19	**625E26253**	**LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER, (14 EACH)**	
	Awd	$560.00	$7,840.00
	2	$500.00	$7,000.00
	3	$625.00	$8,750.00
	4	$595.00	$8,330.00

Section 3 - LIGHTING - Totals

Awd	**$29,644.00**
2	**$33,150.00**
3	**$39,970.00**
4	**$35,630.00**

Ref #20	**626E00110**	**BARRIER REFLECTOR, TYPE 2 (ONE-WAY), (4 EACH)**	
	Awd	$18.00	$72.00
	2	$10.00	$40.00
	3	$8.50	$34.00
	4	$10.00	$40.00
Ref #21	**630E03100**	**GROUND MOUNTED SUPPORT, NO. 3 POST, (28 FT)**	
	Awd	$19.40	$543.20
	2	$18.00	$504.00
	3	$20.00	$560.00
	4	$18.00	$504.00
Ref #22	**630E06500**	**GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W6X9, (38.1 FT)**	
	Awd	$49.20	$1,874.52
	2	$70.00	$2,667.00
	3	$35.00	$1,333.50
	4	$70.00	$2,667.00
Ref #23	**630E09000**	**BREAKAWAY STRUCTURAL BEAM CONNECTION, (2 EACH)**	
	Awd	$435.00	$870.00
	2	$625.00	$1,250.00
	3	$385.00	$770.00
	4	$625.00	$1,250.00
Ref #24	**630E79500**	**SIGN SUPPORT ASSEMBLY, POLE MOUNTED, (19 EACH)**	
	Awd	$141.00	$2,679.00
	2	$235.00	$4,465.00
	3	$150.00	$2,850.00
	4	$235.00	$4,465.00
Ref #25	**630E80100**	**SIGN, FLAT SHEET, (73.2 SF)**	
	Awd	$23.15	$1,694.58
	2	$20.00	$1,464.00
	3	$28.00	$2,049.60
	4	$20.00	$1,464.00
Ref #26	**630E80200**	**SIGN, GROUND MOUNTED EXTRUSHEET, (27 SF)**	
	Awd	$43.55	$1,175.85
	2	$30.00	$810.00
	3	$28.00	$756.00
	4	$30.00	$810.00
Ref #27	**630E84500**	**GROUND MOUNTED STRUCTURAL BEAM SUPPORT FOUNDATION, (2 EACH)**	
	Awd	$1,185.00	$2,370.00
	2	$975.00	$1,950.00
	3	$650.00	$1,300.00
	4	$975.00	$1,950.00

Ref #28	**630E84900**	**REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL, (11 EACH)**	
	Awd	$31.35	$344.85
	2	$15.00	$165.00
	3	$20.00	$220.00
	4	$15.00	$165.00
Ref #29	**630E85100**	**REMOVAL OF GROUND MOUNTED SIGN AND REERECTION, (3 EACH)**	
	Awd	$345.00	$1,035.00
	2	$75.00	$225.00
	3	$75.00	$225.00
	4	$75.00	$225.00
Ref #30	**630E85400**	**REMOVAL OF GROUND MOUNTED MAJOR SIGN AND DISPOSAL, (1 EACH)**	
	Awd	$185.00	$185.00
	2	$265.00	$265.00
	3	$125.00	$125.00
	4	$265.00	$265.00
Ref #31	**630E86002**	**REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSA, (5 EACH)**	
	Awd	$86.00	$430.00
	2	$20.00	$100.00
	3	$20.00	$100.00
	4	$20.00	$100.00
Ref #32	**630E86010**	**REMOVAL OF GROUND MOUNTED POST SUPPORT AND REERECT, (2 EACH)**	
	Awd	$260.00	$520.00
	2	$95.00	$190.00
	3	$200.00	$400.00
	4	$95.00	$190.00
Ref #33	**630E86102**	**REMOVAL OF GROUND MOUNTED STRUCTURAL BEAM SUPPORT , (2 EACH)**	
	Awd	$520.00	$1,040.00
	2	$285.00	$570.00
	3	$300.00	$600.00
	4	$285.00	$570.00
Ref #34	**630E87500**	**REMOVAL OF POLE MOUNTED SIGN AND DISPOSAL, (13 EACH)**	
	Awd	$86.25	$1,121.25
	2	$20.00	$260.00
	3	$20.00	$260.00
	4	$20.00	$260.00
Ref #35	**644E00500**	**STOP LINE, (250 FT)**	
	Awd	$16.00	$4,000.00
	2	$16.00	$4,000.00
	3	$16.00	$4,000.00
	4	$20.00	$5,000.00
Ref #36	**644E30000**	**REMOVAL OF PAVEMENT MARKING, (250 FT)**	
	Awd	$16.00	$4,000.00
	2	$16.00	$4,000.00
	3	$16.00	$4,000.00
	4	$10.00	$2,500.00

Section 4 - TRAFFIC CONTROL - Totals

Awd	**$23,955.25**
2	**$22,925.00**
3	**$19,583.10**
4	**$22,425.00**

Ref #37	**625E25402**	**CONDUIT, 2", 725.05, (142 FT)**	
	Awd	$13.40	$1,902.80
	2	$22.00	$3,124.00
	3	$16.00	$2,272.00
	4	$9.50	$1,349.00
Ref #38	**625E25602**	**CONDUIT, 4", 725.05, (113 FT)**	
	Awd	$21.15	$2,389.95
	2	$35.00	$3,955.00
	3	$28.00	$3,164.00
	4	$17.50	$1,977.50
Ref #39	**625E29002**	**TRENCH, 24" DEEP, (245 FT)**	
	Awd	$11.95	$2,927.75
	2	$9.00	$2,205.00
	3	$9.50	$2,327.50
	4	$10.60	$2,597.00
Ref #40	**625E30706**	**PULL BOX, 725.08, 24", (4 EACH)**	
	Awd	$1,265.00	$5,060.00
	2	$1,250.00	$5,000.00
	3	$2,100.00	$8,400.00
	4	$1,075.00	$4,300.00
Ref #41	**625E31510**	**PULL BOX REMOVED, (29 EACH)**	
	Awd	$172.50	$5,002.50
	2	$150.00	$4,350.00
	3	$350.00	$10,150.00
	4	$210.00	$6,090.00
Ref #42	**625E32000**	**GROUND ROD, (28 EACH)**	
	Awd	$282.50	$7,910.00
	2	$250.00	$7,000.00
	3	$400.00	$11,200.00
	4	$950.00	$26,600.00
Ref #43	**625E76000**	**ARC FLASH CALCULATIONS AND LABEL(LOCATION 1), (1 EACH)**	
	Awd	$2,500.00	$2,500.00
	2	$1,700.00	$1,700.00
	3	$2,500.00	$2,500.00
	4	$2,000.00	$2,000.00
Ref #44	**625E76000**	**ARC FLASH CALCULATIONS AND LABEL(LOCATION 2), (1 EACH)**	
	Awd	$2,500.00	$2,500.00
	2	$1,700.00	$1,700.00
	3	$2,500.00	$2,500.00
	4	$2,000.00	$2,000.00
Ref #45	**625E76000**	**ARC FLASH CALCULATIONS AND LABEL(LOCATION 3), (1 EACH)**	
	Awd	$2,500.00	$2,500.00
	2	$1,700.00	$1,700.00
	3	$2,500.00	$2,500.00
	4	$2,000.00	$2,000.00
Ref #46	**625E76000**	**ARC FLASH CALCULATIONS AND LABEL(LOCATION 8), (1 EACH)**	
	Awd	$2,500.00	$2,500.00
	2	$1,700.00	$1,700.00
	3	$2,500.00	$2,500.00
	4	$2,000.00	$2,000.00

Ref #47	**632E04803**	**VEHICULAR SIGNAL HEAD, (LED), 1-SECTION, 12" LENS,, (40 EACH)**	
	Awd	$462.50	$18,500.00
	2	$600.00	$24,000.00
	3	$580.00	$23,200.00
	4	$900.00	$36,000.00
Ref #48	**632E05007**	**VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS,, (22 EACH)**	
	Awd	$810.00	$17,820.00
	2	$800.00	$17,600.00
	3	$870.00	$19,140.00
	4	$1,100.00	$24,200.00
Ref #49	**632E05087**	**VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS,, (4 EACH)**	
	Awd	$1,410.00	$5,640.00
	2	$1,250.00	$5,000.00
	3	$1,570.00	$6,280.00
	4	$1,400.00	$5,600.00
Ref #50	**632E25000**	**COVERING OF VEHICULAR SIGNAL HEAD, (66 EACH)**	
	Awd	$10.00	$660.00
	2	$35.00	$2,310.00
	3	$90.00	$5,940.00
	4	$1,180.00	$77,880.00
Ref #51	**632E30300**	**MESSENGER WIRE, 7 STRAND, 7/16" DIAMETER WITH ACCE, (1962 FT)**	
	Awd	$14.55	$28,547.10
	2	$19.00	$37,278.00
	3	$14.25	$27,958.50
	4	$25.00	$49,050.00
Ref #52	**632E30600**	**TETHER WIRE, WITH ACCESSORIES, (1962 FT)**	
	Awd	$13.60	$26,683.20
	2	$23.00	$45,126.00
	3	$16.50	$32,373.00
	4	$26.00	$51,012.00
Ref #53	**632E40500**	**SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG, (965 FT)**	
	Awd	$3.50	$3,377.50
	2	$3.00	$2,895.00
	3	$3.80	$3,667.00
	4	$11.00	$10,615.00
Ref #54	**632E40700**	**SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG, (3066 FT)**	
	Awd	$4.10	$12,570.60
	2	$4.00	$12,264.00
	3	$4.70	$14,410.20
	4	$4.65	$14,256.90
Ref #55	**632E64000**	**STRAIN POLE FOUNDATION, (22 EACH)**	
	Awd	$6,550.00	$144,100.00
	2	$7,500.00	$165,000.00
	3	$6,300.00	$138,600.00
	4	$7,850.00	$172,700.00
Ref #56	**632E64010**	**SIGNAL SUPPORT FOUNDATION, (2 EACH)**	
	Awd	$5,285.00	$10,570.00
	2	$7,000.00	$14,000.00
	3	$5,200.00	$10,400.00
	4	$8,500.00	$17,000.00

Ref #57	**632E67300**	**POWER CABLE, 3 CONDUCTOR, NO. 8 AWG, (2611 FT)**	
	Awd	$5.90	$15,404.90
	2	$6.20	$16,188.20
	3	$3.50	$9,138.50
	4	$1.50	$3,916.50
Ref #58	**632E70001**	**POWER SERVICE, AS PER PLAN, (9 EACH)**	
	Awd	$5,145.00	$46,305.00
	2	$6,000.00	$54,000.00
	3	$4,680.00	$42,120.00
	4	$5,000.00	$45,000.00
Ref #59	**632E79110**	**COMBINATION SIGNAL SUPPORT, TYPE TC-81.22, DESIGN , (1 EACH)**	
	Awd	$12,195.00	$12,195.00
	2	$11,800.00	$11,800.00
	3	$13,990.00	$13,990.00
	4	$14,755.00	$14,755.00
Ref #60	**632E79300**	**COMBINATION SIGNAL SUPPORT, TYPE TC-81.22 DESIGN 4, (1 EACH)**	
	Awd	$12,815.00	$12,815.00
	2	$15,750.00	$15,750.00
	3	$14,900.00	$14,900.00
	4	$15,920.00	$15,920.00
Ref #61	**632E86130**	**STRAIN POLE, TYPE TC-81.11, DESIGN 10, (8 EACH)**	
	Awd	$9,455.00	$75,640.00
	2	$10,000.00	$80,000.00
	3	$10,230.00	$81,840.00
	4	$12,500.00	$100,000.00
Ref #62	**632E86140**	**STRAIN POLE, TYPE TC-81.11, DESIGN 12, (2 EACH)**	
	Awd	$11,070.00	$22,140.00
	2	$10,900.00	$21,800.00
	3	$11,900.00	$23,800.00
	4	$14,000.00	$28,000.00
Ref #63	**632E87130**	**COMBINATION STRAIN POLE, TYPE TC-81.11, DESIGN 10, (10 EACH)**	
	Awd	$9,645.00	$96,450.00
	2	$10,000.00	$100,000.00
	3	$10,420.00	$104,200.00
	4	$12,900.00	$129,000.00
Ref #64	**632E87140**	**COMBINATION STRAIN POLE, TYPE TC-81.11, DESIGN 12, (2 EACH)**	
	Awd	$11,670.00	$23,340.00
	2	$10,900.00	$21,800.00
	3	$12,500.00	$25,000.00
	4	$13,985.00	$27,970.00
Ref #65	**632E90101**	**REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLA, (9 EACH)**	
	Awd	$3,930.00	$35,370.00
	2	$3,000.00	$27,000.00
	3	$3,300.00	$29,700.00
	4	$9,000.00	$81,000.00
Ref #66	**633E67101**	**CABINET FOUNDATION, AS PER PLAN, (4 EACH)**	
	Awd	$3,270.00	$13,080.00
	2	$3,300.00	$13,200.00
	3	$3,800.00	$15,200.00
	4	$2,750.00	$11,000.00

Ref #67	**633E67201**	**CONTROLLER WORK PAD, AS PER PLAN, (4 EACH)**	
	Awd	$940.00	$3,760.00
	2	$1,500.00	$6,000.00
	3	$500.00	$2,000.00
	4	$250.00	$1,000.00
Ref #68	**633E71000**	**FLASHER CONTROLLER, (5 EACH)**	
	Awd	$1,115.00	$5,575.00
	2	$2,295.00	$11,475.00
	3	$1,500.00	$7,500.00
	4	$590.00	$2,950.00
Ref #69	**633E99000**	**CONTROLLER ITEM, MISC.:CABINET, TYPE 332, INSTALLA, (4 EACH)**	
	Awd	$1,035.00	$4,140.00
	2	$2,200.00	$8,800.00
	3	$3,340.00	$13,360.00
	4	$210.00	$840.00
Ref #70	**633E99000**	**CONTROLLER ITEM, MISC.:UNINTERRUPTIBLE POWER SUPPL, (4 EACH)**	
	Awd	$1,035.00	$4,140.00
	2	$950.00	$3,800.00
	3	$890.00	$3,560.00
	4	$210.00	$840.00
Ref #71	**809E69000**	**ADVANCE RADAR DETECTION, (11 EACH)**	
	Awd	$7,300.00	$80,300.00
	2	$7,000.00	$77,000.00
	3	$7,800.00	$85,800.00
	4	$7,400.00	$81,400.00
Ref #72	**809E69100**	**STOP LINE RADAR DETECTION, (8 EACH)**	
	Awd	$6,855.00	$54,840.00
	2	$6,800.00	$54,400.00
	3	$7,500.00	$60,000.00
	4	$7,100.00	$56,800.00
Ref #73	**809E69123**	**ATC CONTROLLER, AS PER PLAN (INSTALLATION ONLY), (4 EACH)**	
	Awd	$86.25	$345.00
	2	$400.00	$1,600.00
	3	$3,300.00	$13,200.00
	4	$75.00	$300.00

Section 5 - TRAFFIC SIGNALS - Totals

Awd	**$809,501.30**
2	**$882,520.20**
3	**$874,790.70**
4	**$1,109,918.90**

Ref #74	**614E11110**	**LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSIST, (150 HOUR)**	
	Awd	$70.00	$10,500.00
	2	$81.00	$12,150.00
	3	$80.00	$12,000.00
	4	$65.00	$9,750.00
Ref #75	**614E18601**	**PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN, (12 SNMT)**	
	Awd	$950.00	$11,400.00
	2	$950.00	$11,400.00
	3	$300.00	$3,600.00
	4	$750.00	$9,000.00

Section 6 - MAINTENANCE OF TRAFFIC - Totals

Awd	**$21,900.00**
2	**$23,550.00**
3	**$15,600.00**
4	**$18,750.00**

Ref #76	**103E05000**	**PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYM, (LUMP SUM)**	
	Awd	$14,259.32	$14,259.32
	2	$9,000.00	$9,000.00
	3	$6,500.00	$6,500.00
	4	$10,000.00	$10,000.00
Ref #77	**614E11000**	**MAINTAINING TRAFFIC, (LUMP SUM)**	
	Awd	$41,725.00	$41,725.00
	2	$20,000.00	$20,000.00
	3	$5,000.00	$5,000.00
	4	$135,500.00	$135,500.00
Ref #78	**623E10001**	**CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER P, (LUMP SUM)**	
	Awd	$9,100.00	$9,100.00
	2	$4,000.00	$4,000.00
	3	$22,800.00	$22,800.00
	4	$70,000.00	$70,000.00
Ref #79	**624E10000**	**MOBILIZATION, (LUMP SUM)**	
	Awd	$40,000.00	$40,000.00
	2	$40,000.00	$40,000.00
	3	$42,500.00	$42,500.00
	4	$60,000.00	$60,000.00

Section 7 - INCIDENTALS - Totals

Awd	**$105,084.32**
2	**$73,000.00**
3	**$76,800.00**
4	**$275,500.00**