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

Project No. 230413
PID 115857
COS-VAR Signal Upgrades
Federal
Type: SIGNALIZATION
Letting Date: 8/24/2023
Completion Date: 12/1/2024

Contract Awarded To: GREENWICH ELECTRIC INC
Award Amount: $591,511.35

Engineer's Estimate: $639,000.00

Bidder 1
GREENWICH ELECTRIC INC
1050 LAFAYETTE RD

MEDINA, OH 44256-3549
Bid $591,511.35

Bidder 2
PERRAM ELECTRIC INC
6882 RIDGE RD
Medina
WADSWORTH, OH 44281
Bid $622,290.00

Bidder 3
COMPLETE GENERAL CONSTRUCTION COMPANY
1221 EAST FIFTH AVE
Franklin
COLUMBUS, OH 43219
Bid $630,731.25

Bidder 4
SHELLY COMPANY
80 PARK DR BOX 266
Perry
THORNVILLE, OH 43076
Bid $657,456.30

Bidder 5
RUHLIN COMPANY
P O BOX 190
Medina
SHARON CENTER, OH 44274
Bid $673,823.05

Bidder 6
MILLER CABLE COMPANY
210 S BROADWAY ST P O BOX 68
Seneca
GREEN SPRINGS, OH 44836
Bid $731,000.00

Ref #1	**202E30000**	**WALK REMOVED, (197 SF)**	
	Awd	$9.00	$1,773.00
	2	$15.00	$2,955.00
	3	$6.00	$1,182.00
	4	$6.20	$1,221.40
	5	$8.00	$1,576.00
	6	$30.00	$5,910.00
Ref #2	**512E74500**	**REMOVAL OF EXISTING PAVEMENT MARKING, (45 FT)**	
	Awd	$24.50	$1,102.50
	2	$22.00	$990.00
	3	$22.00	$990.00
	4	$10.00	$450.00
	5	$106.75	$4,803.75
	6	$250.00	$11,250.00
Ref #3	**608E10000**	**4" CONCRETE WALK, (197 SF)**	
	Awd	$27.00	$5,319.00
	2	$40.00	$7,880.00
	3	$17.00	$3,349.00
	4	$24.00	$4,728.00
	5	$34.00	$6,698.00
	6	$55.00	$10,835.00
Ref #4	**625E00450**	**CONNECTION, FUSED PULL APART, (18 EACH)**	
	Awd	$112.00	$2,016.00
	2	$185.00	$3,330.00
	3	$140.00	$2,520.00
	4	$202.00	$3,636.00
	5	$148.00	$2,664.00
	6	$140.00	$2,520.00
Ref #5	**625E00460**	**CONNECTION, UNFUSED PULL APART, (9 EACH)**	
	Awd	$105.00	$945.00
	2	$185.00	$1,665.00
	3	$125.00	$1,125.00
	4	$138.00	$1,242.00
	5	$148.00	$1,332.00
	6	$120.00	$1,080.00
Ref #6	**625E17901**	**BRACKET ARM, AS PER PLAN, DECORATIVE, 2.5', (18 EACH)**	
	Awd	$904.00	$16,272.00
	2	$775.00	$13,950.00
	3	$1,000.00	$18,000.00
	4	$870.00	$15,660.00
	5	$1,043.00	$18,774.00
	6	$800.00	$14,400.00
Ref #7	**625E23304**	**NO. 8 AWG 600 VOLT DISTRIBUTION CABLE, (4333 FT)**	
	Awd	$1.75	$7,582.75
	2	$2.05	$8,882.65
	3	$2.00	$8,666.00
	4	$2.65	$11,482.45
	5	$2.00	$8,666.00
	6	$3.00	$12,999.00

Ref #8	**625E23400**	**NO. 10 AWG POLE AND BRACKET CABLE, (4485 FT)**	
	Awd	$1.35	$6,054.75
	2	$0.85	$3,812.25
	3	$1.75	$7,848.75
	4	$0.95	$4,260.75
	5	$1.70	$7,624.50
	6	$2.00	$8,970.00
Ref #9	**625E25410**	**CONDUIT, 2", 725.052, (17 FT)**	
	Awd	$15.00	$255.00
	2	$24.40	$414.80
	3	$20.00	$340.00
	4	$37.00	$629.00
	5	$15.00	$255.00
	6	$33.00	$561.00
Ref #10	**625E25606**	**CONDUIT, 4", 725.052, (33 FT)**	
	Awd	$24.00	$792.00
	2	$32.05	$1,057.65
	3	$34.00	$1,122.00
	4	$32.00	$1,056.00
	5	$35.00	$1,155.00
	6	$53.00	$1,749.00
Ref #11	**625E25908**	**CONDUIT, JACKED OR DRILLED, 725.052, 4", (247 FT)**	
	Awd	$53.00	$13,091.00
	2	$57.15	$14,116.05
	3	$75.00	$18,525.00
	4	$46.00	$11,362.00
	5	$65.00	$16,055.00
	6	$58.00	$14,326.00
Ref #12	**625E25910**	**CONDUIT CLEANED AND CABLES REMOVED, (777 FT)**	
	Awd	$1.35	$1,048.95
	2	$3.60	$2,797.20
	3	$1.00	$777.00
	4	$3.50	$2,719.50
	5	$0.40	$310.80
	6	$1.00	$777.00
Ref #13	**625E27551**	**LUMINAIRE, DECORATIVE, AS PER PLAN, 100 WATT, LED,, (28 EACH)**	
	Awd	$1,520.00	$42,560.00
	2	$1,500.00	$42,000.00
	3	$1,475.00	$41,300.00
	4	$1,680.00	$47,040.00
	5	$1,600.00	$44,800.00
	6	$1,900.00	$53,200.00
Ref #14	**625E29002**	**TRENCH, 24" DEEP, (43 FT)**	
	Awd	$16.00	$688.00
	2	$28.30	$1,216.90
	3	$18.00	$774.00
	4	$20.50	$881.50
	5	$15.00	$645.00
	6	$44.00	$1,892.00

Ref #15	**625E30706**	**PULL BOX, 725.08, 24", (4 EACH)**	
	Awd	$1,300.00	$5,200.00
	2	$2,000.00	$8,000.00
	3	$1,500.00	$6,000.00
	4	$1,140.00	$4,560.00
	5	$1,200.00	$4,800.00
	6	$1,375.00	$5,500.00
Ref #16	**625E32000**	**GROUND ROD, (5 EACH)**	
	Awd	$310.00	$1,550.00
	2	$285.00	$1,425.00
	3	$325.00	$1,625.00
	4	$215.00	$1,075.00
	5	$325.00	$1,625.00
	6	$305.00	$1,525.00
Ref #17	**625E98200**	**LIGHTING, MISC.:RECONNECT EXISTING LIGHTING, (LUMP SUM)**	
	Awd	$1,500.00	$1,500.00
	2	$1,000.00	$1,000.00
	3	$5,000.00	$5,000.00
	4	$5,800.00	$5,800.00
	5	$1,300.00	$1,300.00
	6	$4,400.00	$4,400.00
Ref #18	**630E75000**	**SIGN ATTACHMENT ASSEMBLY, (3 EACH)**	
	Awd	$250.00	$750.00
	2	$225.00	$675.00
	3	$1,320.00	$3,960.00
	4	$850.00	$2,550.00
	5	$150.00	$450.00
	6	$600.00	$1,800.00
Ref #19	**630E80100**	**SIGN, FLAT SHEET, (6 SF)**	
	Awd	$28.00	$168.00
	2	$100.00	$600.00
	3	$125.00	$750.00
	4	$30.00	$180.00
	5	$40.00	$240.00
	6	$55.00	$330.00
Ref #20	**631E94250**	**REMOVAL OF LUMINAIRE, (10 EACH)**	
	Awd	$50.00	$500.00
	2	$175.00	$1,750.00
	3	$50.00	$500.00
	4	$280.00	$2,800.00
	5	$52.00	$520.00
	6	$55.00	$550.00
Ref #21	**632E05006**	**VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS,, (8 EACH)**	
	Awd	$845.00	$6,760.00
	2	$865.00	$6,920.00
	3	$900.00	$7,200.00
	4	$900.00	$7,200.00
	5	$950.00	$7,600.00
	6	$1,375.00	$11,000.00

Ref #22	**632E05007**	**VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS,, (20 EACH)**	
	Awd	$700.00	$14,000.00
	2	$760.00	$15,200.00
	3	$800.00	$16,000.00
	4	$785.00	$15,700.00
	5	$1,050.00	$21,000.00
	6	$1,100.00	$22,000.00
Ref #23	**632E05087**	**VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS,, (4 EACH)**	
	Awd	$1,260.00	$5,040.00
	2	$1,325.00	$5,300.00
	3	$1,375.00	$5,500.00
	4	$1,385.00	$5,540.00
	5	$1,289.00	$5,156.00
	6	$1,900.00	$7,600.00
Ref #24	**632E20730**	**PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, COUNTDOWN, (24 EACH)**	
	Awd	$538.00	$12,912.00
	2	$525.00	$12,600.00
	3	$725.00	$17,400.00
	4	$655.00	$15,720.00
	5	$650.00	$15,600.00
	6	$750.00	$18,000.00
Ref #25	**632E25000**	**COVERING OF VEHICULAR SIGNAL HEAD, (8 EACH)**	
	Awd	$30.00	$240.00
	2	$20.00	$160.00
	3	$40.00	$320.00
	4	$30.00	$240.00
	5	$35.00	$280.00
	6	$70.00	$560.00
Ref #26	**632E25010**	**COVERING OF PEDESTRIAN SIGNAL HEAD, (8 EACH)**	
	Awd	$15.00	$120.00
	2	$20.00	$160.00
	3	$35.00	$280.00
	4	$25.00	$200.00
	5	$35.00	$280.00
	6	$50.00	$400.00
Ref #27	**632E26001**	**PEDESTRIAN PUSHBUTTON, AS PER PLAN, (20 EACH)**	
	Awd	$234.00	$4,680.00
	2	$290.00	$5,800.00
	3	$300.00	$6,000.00
	4	$280.00	$5,600.00
	5	$250.00	$5,000.00
	6	$250.00	$5,000.00
Ref #28	**632E40300**	**SIGNAL CABLE, 3 CONDUCTOR, NO. 14 AWG, (3099 FT)**	
	Awd	$2.05	$6,352.95
	2	$2.20	$6,817.80
	3	$2.00	$6,198.00
	4	$4.45	$13,790.55
	5	$2.00	$6,198.00
	6	$3.00	$9,297.00

Ref #29	**632E40500**	**SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG, (3614 FT)**	
	Awd	$2.35	$8,492.90
	2	$2.60	$9,396.40
	3	$2.50	$9,035.00
	4	$4.25	$15,359.50
	5	$2.20	$7,950.80
	6	$3.30	$11,926.20
Ref #30	**632E40700**	**SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG, (3249 FT)**	
	Awd	$2.65	$8,609.85
	2	$3.30	$10,721.70
	3	$3.00	$9,747.00
	4	$5.25	$17,057.25
	5	$2.60	$8,447.40
	6	$3.60	$11,696.40
Ref #31	**632E64010**	**SIGNAL SUPPORT FOUNDATION, (2 EACH)**	
	Awd	$8,400.00	$16,800.00
	2	$7,575.00	$15,150.00
	3	$7,000.00	$14,000.00
	4	$8,845.00	$17,690.00
	5	$12,795.00	$25,590.00
	6	$13,500.00	$27,000.00
Ref #32	**632E64020**	**PEDESTAL FOUNDATION, (3 EACH)**	
	Awd	$900.00	$2,700.00
	2	$1,155.00	$3,465.00
	3	$1,200.00	$3,600.00
	4	$1,080.00	$3,240.00
	5	$990.00	$2,970.00
	6	$1,350.00	$4,050.00
Ref #33	**632E66000**	**POWER CABLE, 3 CONDUCTOR, NO. 14 AWG, (202 FT)**	
	Awd	$7.35	$1,484.70
	2	$3.50	$707.00
	3	$4.00	$808.00
	4	$5.20	$1,050.40
	5	$5.00	$1,010.00
	6	$7.00	$1,414.00
Ref #34	**632E70000**	**POWER SERVICE, (1 EACH)**	
	Awd	$2,700.00	$2,700.00
	2	$3,075.00	$3,075.00
	3	$3,100.00	$3,100.00
	4	$7,635.00	$7,635.00
	5	$4,175.00	$4,175.00
	6	$2,700.00	$2,700.00
Ref #35	**632E90020**	**REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM, CABI, (3 EACH)**	
	Awd	$200.00	$600.00
	2	$350.00	$1,050.00
	3	$700.00	$2,100.00
	4	$220.00	$660.00
	5	$205.00	$615.00
	6	$550.00	$1,650.00

Ref #36	**632E90020**	**REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM, CONT, (3 EACH)**	
	Awd	$50.00	$150.00
	2	$90.00	$270.00
	3	$150.00	$450.00
	4	$55.00	$165.00
	5	$200.00	$600.00
	6	$120.00	$360.00
Ref #37	**632E90020**	**REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM, VEHI, (24 EACH)**	
	Awd	$45.00	$1,080.00
	2	$90.00	$2,160.00
	3	$340.00	$8,160.00
	4	$145.00	$3,480.00
	5	$75.00	$1,800.00
	6	$120.00	$2,880.00
Ref #38	**632E90100**	**REMOVAL OF TRAFFIC SIGNAL INSTALLATION, (1 EACH)**	
	Awd	$2,500.00	$2,500.00
	2	$1,400.00	$1,400.00
	3	$3,000.00	$3,000.00
	4	$5,700.00	$5,700.00
	5	$1,700.00	$1,700.00
	6	$2,800.00	$2,800.00
Ref #39	**633E45000**	**GPS (GLOBAL POSITIONING SYSTEM) CLOCK ASSEMBLY, (3 EACH)**	
	Awd	$495.00	$1,485.00
	2	$620.00	$1,860.00
	3	$825.00	$2,475.00
	4	$565.00	$1,695.00
	5	$647.00	$1,941.00
	6	$800.00	$2,400.00
Ref #40	**633E65511**	**CABINET, TYPE TS-2, AS PER PLAN, POLE MOUNTED, (4 EACH)**	
	Awd	$14,520.00	$58,080.00
	2	$14,520.00	$58,080.00
	3	$15,000.00	$60,000.00
	4	$14,755.00	$59,020.00
	5	$15,495.00	$61,980.00
	6	$15,500.00	$62,000.00
Ref #41	**633E67200**	**CONTROLLER WORK PAD, (4 EACH)**	
	Awd	$350.00	$1,400.00
	2	$275.00	$1,100.00
	3	$1,900.00	$7,600.00
	4	$295.00	$1,180.00
	5	$300.00	$1,200.00
	6	$400.00	$1,600.00
Ref #42	**633E75001**	**UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS , (4 EACH)**	
	Awd	$8,362.00	$33,448.00
	2	$8,450.00	$33,800.00
	3	$8,350.00	$33,400.00
	4	$8,475.00	$33,900.00
	5	$9,465.00	$37,860.00
	6	$9,200.00	$36,800.00

Ref #43	**644E00500**	**STOP LINE, (21 FT)**	
	Awd	$16.00	$336.00
	2	$14.50	$304.50
	3	$14.50	$304.50
	4	$50.00	$1,050.00
	5	$207.80	$4,363.80
	6	$20.00	$420.00
Ref #44	**809E69101**	**STOP LINE RADAR DETECTION, AS PER PLAN, (16 EACH)**	
	Awd	$8,590.00	$137,440.00
	2	$8,995.00	$143,920.00
	3	$8,000.00	$128,000.00
	4	$8,015.00	$128,240.00
	5	$8,750.00	$140,000.00
	6	$9,500.00	$152,000.00
Ref #45	**809E69123**	**ATC CONTROLLER, AS PER PLAN, (4 EACH)**	
	Awd	$4,765.00	$19,060.00
	2	$4,510.00	$18,040.00
	3	$5,200.00	$20,800.00
	4	$4,745.00	$18,980.00
	5	$5,400.00	$21,600.00
	6	$5,500.00	$22,000.00
Ref #46	**809E69200**	**EMERGENCY VEHICLE PREEMPTION, (1 EACH)**	
	Awd	$1,334.00	$1,334.00
	2	$1,860.00	$1,860.00
	3	$2,000.00	$2,000.00
	4	$4,220.00	$4,220.00
	5	$1,740.00	$1,740.00
	6	$1,650.00	$1,650.00
Ref #47	**809E69210**	**PREEMPT RECEIVING UNIT, (4 EACH)**	
	Awd	$4,300.00	$17,200.00
	2	$3,950.00	$15,800.00
	3	$4,200.00	$16,800.00
	4	$4,295.00	$17,180.00
	5	$4,263.00	$17,052.00
	6	$4,600.00	$18,400.00
Ref #48	**809E69220**	**PREEMPT DETECTOR CABLE, (600 FT)**	
	Awd	$4.00	$2,400.00
	2	$4.50	$2,700.00
	3	$4.75	$2,850.00
	4	$4.40	$2,640.00
	5	$3.20	$1,920.00
	6	$5.00	$3,000.00
Ref #49	**809E69230**	**PREEMPT PHASE SELECTOR, (4 EACH)**	
	Awd	$3,566.00	$14,264.00
	2	$3,740.00	$14,960.00
	3	$3,950.00	$15,800.00
	4	$3,925.00	$15,700.00
	5	$4,103.00	$16,412.00
	6	$4,200.00	$16,800.00

Ref #50		**809E69240**	**PREEMPT CONFIRMATION LIGHT, (16 EACH)**	
	Awd		$644.00	$10,304.00
	2		$940.00	$15,040.00
	3		$900.00	$14,400.00
	4		$565.00	$9,040.00
	5		$503.00	$8,048.00
	6		$700.00	$11,200.00

Section 1 - TRAFFIC SIGNALS - Totals

Awd	**$501,141.35**
2	**$526,334.90**
3	**$541,681.25**
4	**$552,206.30**
5	**$554,383.05**
6	**$623,177.60**

Ref #54	**AA2**	**632E79131**	**COMBINATION SIGNAL SUPPORT, TYPE TC-81.22, DESIGN , (1 EACH)**	
	Awd		$17,378.00	$17,378.00
	2		$16,730.00	$16,730.00
	3		$19,000.00	$19,000.00
	4		$24,000.00	$24,000.00
	5		$30,000.00	$30,000.00
	6		$18,000.00	$18,000.00
Ref #55	**AA2**	**632E79141**	**COMBINATION SIGNAL SUPPORT, TYPE TC-81.22, DESIGN , (1 EACH)**	
	Awd		$20,427.00	$20,427.00
	2		$19,680.00	$19,680.00
	3		$22,250.00	$22,250.00
	4		$27,000.00	$27,000.00
	5		$33,500.00	$33,500.00
	6		$22,000.00	$22,000.00
Ref #56	**AA2**	**632E89601**	**PEDESTAL, 8', AS PER PLAN, (DECORATIVE) (ALTERNATE, (3 EACH)**	
	Awd		$2,055.00	$6,165.00
	2		$2,355.00	$7,065.00
	3		$2,000.00	$6,000.00
	4		$2,500.00	$7,500.00
	5		$3,200.00	$9,600.00
	6		$2,000.00	$6,000.00

Section 2 - TRAFFIC SIGNALS ALTERNATES - Totals

Awd	**$43,970.00**
2	**$43,475.00**
3	**$47,250.00**
4	**$58,500.00**
5	**$73,100.00**
6	**$46,000.00**

Ref #57		**103E05000**	**PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYM, (LUMP SUM)**	
	Awd		$19,400.00	$19,400.00
	2		$9,730.10	$9,730.10
	3		$6,000.00	$6,000.00
	4		$8,000.00	$8,000.00
	5		$2,500.00	$2,500.00
	6		$6,822.40	$6,822.40

Ref #58	**614E11000**	**MAINTAINING TRAFFIC, (LUMP SUM)**	
	Awd	$4,500.00	$4,500.00
	2	$18,150.00	$18,150.00
	3	$10,000.00	$10,000.00
	4	$18,000.00	$18,000.00
	5	$17,900.00	$17,900.00
	6	$26,000.00	$26,000.00
Ref #59	**614E11110**	**LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSIST, (40 HOUR)**	
	Awd	$70.00	$2,800.00
	2	$65.00	$2,600.00
	3	$95.00	$3,800.00
	4	$100.00	$4,000.00
	5	$110.00	$4,400.00
	6	$100.00	$4,000.00
Ref #60	**623E10000**	**CONSTRUCTION LAYOUT STAKES AND SURVEYING, (LUMP SUM)**	
	Awd	$1,200.00	$1,200.00
	2	$2,000.00	$2,000.00
	3	$2,000.00	$2,000.00
	4	$1,750.00	$1,750.00
	5	$1,540.00	$1,540.00
	6	$5,000.00	$5,000.00
Ref #61	**624E10000**	**MOBILIZATION, (LUMP SUM)**	
	Awd	$18,500.00	$18,500.00
	2	$20,000.00	$20,000.00
	3	$20,000.00	$20,000.00
	4	$15,000.00	$15,000.00
	5	$20,000.00	$20,000.00
	6	$20,000.00	$20,000.00

Section 3 - INCIDENTALS - Totals

Awd	**$46,400.00**
2	**$52,480.10**
3	**$41,800.00**
4	**$46,750.00**
5	**$46,340.00**
6	**$61,822.40**