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

Project No. 220505
PID 113423
MAH-TSG FY2022
Federal
Type: SIGNALIZATION
Letting Date: 9/15/2022
Completion Date: 10/15/2023

Contract Awarded To: CORNERSTONE ELECTRIC INC
Award Amount: $358,893.35

Engineer's Estimate: $411,000.00

Bidder 1
CORNERSTONE ELECTRIC INC
14375 WEST CALLA RD
Columbiana
SALEM, OH 44460
Bid $358,893.35

Bidder 2
PERRAM ELECTRIC INC
6882 RIDGE RD
Medina
WADSWORTH, OH 44281
Bid $379,100.00

Bidder 3
SHELLY COMPANY
80 PARK DR BOX 266
Perry
THORNVILLE, OH 43076
Bid $390,718.30

Bidder 4
S E T INC
235 EAST WATER ST
Mahoning
LOWELLVILLE, OH 44436
Bid $404,000.00

Bidder 5
MILLER CABLE COMPANY
210 S BROADWAY ST P O BOX 68
Seneca
GREEN SPRINGS, OH 44836
Bid $423,300.00

Ref #1	**202E30000**	**WALK REMOVED, (153 SF)**	
	Awd	$30.00	$4,590.00
	2	$10.00	$1,530.00
	3	$11.00	$1,683.00
	4	$9.00	$1,377.00
	5	$10.00	$1,530.00
Ref #2	**202E32000**	**CURB REMOVED, (23 FT)**	
	Awd	$25.00	$575.00
	2	$30.00	$690.00
	3	$27.00	$621.00
	4	$30.00	$690.00
	5	$22.00	$506.00
Ref #3	**608E10000**	**4" CONCRETE WALK, (16 SF)**	
	Awd	$18.00	$288.00
	2	$60.00	$960.00
	3	$36.00	$576.00
	4	$55.00	$880.00
	5	$22.00	$352.00
Ref #4	**608E52000**	**CURB RAMP, (137 SF)**	
	Awd	$45.00	$6,165.00
	2	$60.00	$8,220.00
	3	$26.00	$3,562.00
	4	$28.00	$3,836.00
	5	$22.00	$3,014.00

Section 1 - ROADWAY - Totals

Awd	**$11,618.00**
2	**$11,400.00**
3	**$6,442.00**
4	**$6,783.00**
5	**$5,402.00**

Ref #5	**832E30000**	**EROSION CONTROL, (1000 EACH)**	
	Awd	$1.00	$1,000.00
	2	$1.00	$1,000.00
	3	$1.00	$1,000.00
	4	$1.00	$1,000.00
	5	$1.00	$1,000.00

Section 2 - EROSION CONTROL - Totals

Awd	**$1,000.00**
2	**$1,000.00**
3	**$1,000.00**
4	**$1,000.00**
5	**$1,000.00**

Ref #6	**609E26000**	**CURB, TYPE 6, (23 FT)**	
	Awd	$50.00	$1,150.00
	2	$50.00	$1,150.00
	3	$31.00	$713.00
	4	$70.00	$1,610.00
	5	$100.00	$2,300.00

Section 3 - PAVEMENT - Totals

Awd	**$1,150.00**
2	**$1,150.00**
3	**$713.00**
4	**$1,610.00**
5	**$2,300.00**

Ref #7	**630E87100**	**REMOVAL OF OVERHEAD MOUNTED SIGN AND REERECTION, (2 EACH)**	
	Awd	$100.00	$200.00
	2	$221.00	$442.00
	3	$575.00	$1,150.00
	4	$250.00	$500.00
	5	$200.00	$400.00
Ref #8	**646E10520**	**CROSSWALK LINE, 24", (344 FT)**	
	Awd	$18.00	$6,192.00
	2	$18.00	$6,192.00
	3	$10.00	$3,440.00
	4	$19.00	$6,536.00
	5	$25.00	$8,600.00

Section 4 - TRAFFIC CONTROL - Totals

Awd	**$6,392.00**
2	**$6,634.00**
3	**$4,590.00**
4	**$7,036.00**
5	**$9,000.00**

Ref #9	**625E25400**	**CONDUIT, 2", 725.04, (18 FT)**	
	Awd	$20.00	$360.00
	2	$22.35	$402.30
	3	$37.00	$666.00
	4	$37.00	$666.00
	5	$23.00	$414.00
Ref #10	**625E25500**	**CONDUIT, 3", 725.04, (124 FT)**	
	Awd	$27.00	$3,348.00
	2	$32.80	$4,067.20
	3	$28.00	$3,472.00
	4	$43.00	$5,332.00
	5	$30.00	$3,720.00
Ref #11	**625E25900**	**CONDUIT, JACKED OR DRILLED, 4", 725.04, (145 FT)**	
	Awd	$50.00	$7,250.00
	2	$69.45	$10,070.25
	3	$103.00	$14,935.00
	4	$85.00	$12,325.00
	5	$94.00	$13,630.00
Ref #12	**625E29000**	**TRENCH, (142 FT)**	
	Awd	$7.00	$994.00
	2	$9.85	$1,398.70
	3	$18.50	$2,627.00
	4	$12.00	$1,704.00
	5	$23.00	$3,266.00

Ref #13	**625E30706**	**PULL BOX, 725.08, 24", (6 EACH)**	
	Awd	$1,200.00	$7,200.00
	2	$1,400.00	$8,400.00
	3	$1,025.00	$6,150.00
	4	$850.00	$5,100.00
	5	$1,325.00	$7,950.00
Ref #14	**625E31510**	**PULL BOX REMOVED, (6 EACH)**	
	Awd	$150.00	$900.00
	2	$170.00	$1,020.00
	3	$130.00	$780.00
	4	$150.00	$900.00
	5	$200.00	$1,200.00
Ref #15	**625E32000**	**GROUND ROD, (12 EACH)**	
	Awd	$250.00	$3,000.00
	2	$271.00	$3,252.00
	3	$218.00	$2,616.00
	4	$300.00	$3,600.00
	5	$305.00	$3,660.00
Ref #16	**625E36011**	**UNDERGROUND WARNING/MARKING TAPE, AS PER PLAN, (132 FT)**	
	Awd	$1.00	$132.00
	2	$1.00	$132.00
	3	$0.50	$66.00
	4	$1.00	$132.00
	5	$3.00	$396.00
Ref #17	**625E76000**	**ARC FLASH CALCULATIONS AND LABEL, MAH-11 CONTROLLE, (1 EACH)**	
	Awd	$400.00	$400.00
	2	$3,000.00	$3,000.00
	3	$1,500.00	$1,500.00
	4	$1,500.00	$1,500.00
	5	$3,000.00	$3,000.00
Ref #18	**625E76000**	**ARC FLASH CALCULATIONS AND LABEL, MAH-170 CONTROLL, (1 EACH)**	
	Awd	$400.00	$400.00
	2	$3,000.00	$3,000.00
	3	$1,500.00	$1,500.00
	4	$1,500.00	$1,500.00
	5	$3,000.00	$3,000.00
Ref #19	**632E05006**	**VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS,, (11 EACH)**	
	Awd	$875.00	$9,625.00
	2	$885.00	$9,735.00
	3	$1,030.00	$11,330.00
	4	$850.00	$9,350.00
	5	$975.00	$10,725.00
Ref #20	**632E05086**	**VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS,, (5 EACH)**	
	Awd	$1,500.00	$7,500.00
	2	$1,477.00	$7,385.00
	3	$1,600.00	$8,000.00
	4	$1,200.00	$6,000.00
	5	$1,575.00	$7,875.00

Ref #21	**632E20720**	**PEDESTRIAN SIGNAL HEAD (LED), TYPE D2, (8 EACH)**	
	Awd	$650.00	$5,200.00
	2	$567.00	$4,536.00
	3	$715.00	$5,720.00
	4	$450.00	$3,600.00
	5	$600.00	$4,800.00
Ref #22	**632E25000**	**COVERING OF VEHICULAR SIGNAL HEAD, (16 EACH)**	
	Awd	$20.00	$320.00
	2	$10.00	$160.00
	3	$40.00	$640.00
	4	$50.00	$800.00
	5	$70.00	$1,120.00
Ref #23	**632E25010**	**COVERING OF PEDESTRIAN SIGNAL HEAD, (8 EACH)**	
	Awd	$20.00	$160.00
	2	$10.00	$80.00
	3	$25.00	$200.00
	4	$40.00	$320.00
	5	$50.00	$400.00
Ref #24	**632E26000**	**PEDESTRIAN PUSHBUTTON, (8 EACH)**	
	Awd	$200.00	$1,600.00
	2	$300.00	$2,400.00
	3	$220.00	$1,760.00
	4	$240.00	$1,920.00
	5	$250.00	$2,000.00
Ref #25	**632E30200**	**MESSENGER WIRE, 7 STRAND, 3/8" DIAMETER WITH ACCES, (346 FT)**	
	Awd	$10.00	$3,460.00
	2	$13.05	$4,515.30
	3	$18.25	$6,314.50
	4	$7.00	$2,422.00
	5	$18.00	$6,228.00
Ref #26	**632E30600**	**TETHER WIRE, WITH ACCESSORIES, (346 FT)**	
	Awd	$15.00	$5,190.00
	2	$14.40	$4,982.40
	3	$16.50	$5,709.00
	4	$7.00	$2,422.00
	5	$20.00	$6,920.00
Ref #27	**632E40300**	**SIGNAL CABLE, 3 CONDUCTOR, NO. 14 AWG, (1078 FT)**	
	Awd	$2.70	$2,910.60
	2	$2.40	$2,587.20
	3	$2.40	$2,587.20
	4	$2.00	$2,156.00
	5	$2.30	$2,479.40
Ref #28	**632E40500**	**SIGNAL CABLE, 5 CONDUCTOR, NO. 14 AWG, (1568 FT)**	
	Awd	$2.75	$4,312.00
	2	$2.55	$3,998.40
	3	$2.20	$3,449.60
	4	$3.00	$4,704.00
	5	$2.50	$3,920.00

Ref #29	**632E40700**	**SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG, (707 FT)**	
	Awd	$3.25	$2,297.75
	2	$2.90	$2,050.30
	3	$4.50	$3,181.50
	4	$3.00	$2,121.00
	5	$2.70	$1,908.90
Ref #30	**632E64000**	**STRAIN POLE FOUNDATION, (4 EACH)**	
	Awd	$4,500.00	$18,000.00
	2	$5,520.00	$22,080.00
	3	$5,100.00	$20,400.00
	4	$5,200.00	$20,800.00
	5	$8,050.00	$32,200.00
Ref #31	**632E64010**	**SIGNAL SUPPORT FOUNDATION, (2 EACH)**	
	Awd	$4,500.00	$9,000.00
	2	$6,075.00	$12,150.00
	3	$5,100.00	$10,200.00
	4	$5,500.00	$11,000.00
	5	$8,950.00	$17,900.00
Ref #32	**632E64020**	**PEDESTAL FOUNDATION, (5 EACH)**	
	Awd	$1,000.00	$5,000.00
	2	$1,485.00	$7,425.00
	3	$835.00	$4,175.00
	4	$850.00	$4,250.00
	5	$1,000.00	$5,000.00
Ref #33	**632E69300**	**POWER CABLE, 3 CONDUCTOR, NO. 4 AWG, (78 FT)**	
	Awd	$8.00	$624.00
	2	$11.60	$904.80
	3	$2.75	$214.50
	4	$5.00	$390.00
	5	$3.00	$234.00
Ref #34	**632E70001**	**POWER SERVICE, AS PER PLAN, (2 EACH)**	
	Awd	$1,800.00	$3,600.00
	2	$2,155.00	$4,310.00
	3	$3,400.00	$6,800.00
	4	$3,200.00	$6,400.00
	5	$1,600.00	$3,200.00
Ref #35	**632E71244**	**SIGNAL SUPPORT, TYPE TC-12.31 DESIGN 6 POLE, WITH , (1 EACH)**	
	Awd	$21,000.00	$21,000.00
	2	$19,625.00	$19,625.00
	3	$24,000.00	$24,000.00
	4	$24,000.00	$24,000.00
	5	$23,500.00	$23,500.00
Ref #36	**632E72140**	**SIGNAL SUPPORT, TYPE TC-81.22, DESIGN 13, (1 EACH)**	
	Awd	$17,000.00	$17,000.00
	2	$16,780.00	$16,780.00
	3	$20,000.00	$20,000.00
	4	$20,000.00	$20,000.00
	5	$20,000.00	$20,000.00

Ref #37	**632E86120**	**STRAIN POLE, TYPE TC-81.11, DESIGN 8, (4 EACH)**	
	Awd	$10,000.00	$40,000.00
	2	$8,480.00	$33,920.00
	3	$9,100.00	$36,400.00
	4	$10,000.00	$40,000.00
	5	$8,800.00	$35,200.00
Ref #38	**632E89900**	**PEDESTAL, 8', TRANSFORMER BASE, (5 EACH)**	
	Awd	$1,000.00	$5,000.00
	2	$752.00	$3,760.00
	3	$495.00	$2,475.00
	4	$800.00	$4,000.00
	5	$700.00	$3,500.00
Ref #39	**632E90100**	**REMOVAL OF TRAFFIC SIGNAL INSTALLATION, (2 EACH)**	
	Awd	$2,500.00	$5,000.00
	2	$5,300.00	$10,600.00
	3	$2,950.00	$5,900.00
	4	$3,500.00	$7,000.00
	5	$2,100.00	$4,200.00
Ref #40	**633E65511**	**CABINET, TYPE TS-2, AS PER PLAN, (2 EACH)**	
	Awd	$13,500.00	$27,000.00
	2	$13,325.00	$26,650.00
	3	$13,500.00	$27,000.00
	4	$16,000.00	$32,000.00
	5	$14,800.00	$29,600.00
Ref #41	**633E67101**	**CABINET FOUNDATION, AS PER PLAN, (2 EACH)**	
	Awd	$2,000.00	$4,000.00
	2	$3,010.00	$6,020.00
	3	$1,500.00	$3,000.00
	4	$2,500.00	$5,000.00
	5	$3,100.00	$6,200.00
Ref #42	**633E67201**	**CONTROLLER WORK PAD, AS PER PLAN, (2 EACH)**	
	Awd	$500.00	$1,000.00
	2	$490.00	$980.00
	3	$200.00	$400.00
	4	$400.00	$800.00
	5	$700.00	$1,400.00
Ref #43	**633E75001**	**UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS , (2 EACH)**	
	Awd	$6,250.00	$12,500.00
	2	$5,700.00	$11,400.00
	3	$5,800.00	$11,600.00
	4	$5,000.00	$10,000.00
	5	$6,000.00	$12,000.00
Ref #44	**809E69001**	**ADVANCE RADAR DETECTION, AS PER PLAN, (4 EACH)**	
	Awd	$8,000.00	$32,000.00
	2	$7,470.00	$29,880.00
	3	$7,550.00	$30,200.00
	4	$8,500.00	$34,000.00
	5	$8,250.00	$33,000.00

Ref #45	**809E69101**	**STOP LINE RADAR DETECTION, AS PER PLAN, (5 EACH)**	
	Awd	$7,500.00	$37,500.00
	2	$7,355.00	$36,775.00
	3	$7,185.00	$35,925.00
	4	$8,200.00	$41,000.00
	5	$7,750.00	$38,750.00
Ref #46	**809E69123**	**ATC CONTROLLER, AS PER PLAN (PROGRAM AND INSTALL O, (2 EACH)**	
	Awd	$1,000.00	$2,000.00
	2	$590.00	$1,180.00
	3	$315.00	$630.00
	4	$500.00	$1,000.00
	5	$1,350.00	$2,700.00

Section 5 - TRAFFIC SIGNALS - Totals

Awd	**$306,783.35**
2	**$321,611.85**
3	**$322,523.30**
4	**$330,214.00**
5	**$357,196.30**

Ref #47	**614E11110**	**LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSIST, (150 HOUR)**	
	Awd	$45.00	$6,750.00
	2	$69.00	$10,350.00
	3	$65.00	$9,750.00
	4	$65.00	$9,750.00
	5	$55.00	$8,250.00

Section 6 - MAINTENANCE OF TRAFFIC - Totals

Awd	**$6,750.00**
2	**$10,350.00**
3	**$9,750.00**
4	**$9,750.00**
5	**$8,250.00**

Ref #48	**103E05000**	**PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYM, (LUMP SUM)**	
	Awd	$4,000.00	$4,000.00
	2	$6,204.15	$6,204.15
	3	$4,000.00	$4,000.00
	4	$4,107.00	$4,107.00
	5	$3,851.70	$3,851.70
Ref #49	**614E11000**	**MAINTAINING TRAFFIC, (LUMP SUM)**	
	Awd	$5,000.00	$5,000.00
	2	$7,000.00	$7,000.00
	3	$13,000.00	$13,000.00
	4	$20,000.00	$20,000.00
	5	$13,500.00	$13,500.00
Ref #50	**619E16010**	**FIELD OFFICE, TYPE B, (6 MNTH)**	
	Awd	$1,200.00	$7,200.00
	2	$500.00	$3,000.00
	3	$1,200.00	$7,200.00
	4	$500.00	$3,000.00
	5	$1,050.00	$6,300.00

Ref #51	**623E10000**	**CONSTRUCTION LAYOUT STAKES AND SURVEYING, (LUMP SUM)**	
	Awd	$5,000.00	$5,000.00
	2	$750.00	$750.00
	3	$3,500.00	$3,500.00
	4	$2,500.00	$2,500.00
	5	$6,500.00	$6,500.00
Ref #52	**624E10000**	**MOBILIZATION, (LUMP SUM)**	
	Awd	$4,000.00	$4,000.00
	2	$10,000.00	$10,000.00
	3	$18,000.00	$18,000.00
	4	$18,000.00	$18,000.00
	5	$10,000.00	$10,000.00

Section 7 - INCIDENTALS - Totals

Awd	**$25,200.00**
2	**$26,954.15**
3	**$45,700.00**
4	**$47,607.00**
5	**$40,151.70**