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

Project No. 230456
PID 117620
MAH-LG FY2024
Non-Federal
Type: LIGHTING
Letting Date: 9/14/2023
Completion Date: 10/31/2024

Contract Awarded To: CORNERSTONE ELECTRIC INC
Award Amount: $1,353,661.50

Engineer's Estimate: $1,653,000.00

Bidder 1
CORNERSTONE ELECTRIC INC
14375 WEST CALLA RD
Columbiana
SALEM, OH 44460
Bid $1,353,661.50

Bidder 2
MILLER CABLE COMPANY
210 S BROADWAY ST P O BOX 68
Seneca
GREEN SPRINGS, OH 44836
Bid $1,771,500.00

Bidder 3
RUHLIN COMPANY
P O BOX 190
Medina
SHARON CENTER, OH 44274
Bid $1,834,673.75

Bidder 4
PERRAM ELECTRIC INC
6882 RIDGE RD
Medina
WADSWORTH, OH 44281
Bid $1,846,416.00

Ref #1	**201E11000**	**CLEARING AND GRUBBING, (LUMP SUM)**	
	Awd	$3,000.00	$3,000.00
	2	$400.00	$400.00
	3	$5,000.00	$5,000.00
	4	$2,995.00	$2,995.00
Ref #2	**202E30700**	**CONCRETE BARRIER REMOVED, (260 FT)**	
	Awd	$49.00	$12,740.00
	2	$65.00	$16,900.00
	3	$350.00	$91,000.00
	4	$50.00	$13,000.00
Ref #3	**622E90000**	**BARRIER, MISC.: 32", (260 FT)**	
	Awd	$219.00	$56,940.00
	2	$275.00	$71,500.00
	3	$355.00	$92,300.00
	4	$277.50	$72,150.00
Ref #4	**690E91000**	**SPECIAL - AS-BUILT CONSTRUCTION PLANS, (LUMP SUM)**	
	Awd	$2,000.00	$2,000.00
	2	$3,000.00	$3,000.00
	3	$919.00	$919.00
	4	$8,000.00	$8,000.00
Ref #5	**690E98400**	**SPECIAL - SURVEY CONTROL VERIFICATION, (LUMP SUM)**	
	Awd	$2,600.00	$2,600.00
	2	$3,000.00	$3,000.00
	3	$2,800.00	$2,800.00
	4	$1,200.00	$1,200.00

Section 1 - ROADWAY - Totals

Awd	**$77,280.00**
2	**$94,800.00**
3	**$192,019.00**
4	**$97,345.00**

Ref #6	**601E21050**	**TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT, (41 SY)**	
	Awd	$150.00	$6,150.00
	2	$74.00	$3,034.00
	3	$220.00	$9,020.00
	4	$250.00	$10,250.00
Ref #7	**659E00100**	**SOIL ANALYSIS TEST, (2 EACH)**	
	Awd	$150.00	$300.00
	2	$250.00	$500.00
	3	$100.00	$200.00
	4	$500.00	$1,000.00
Ref #8	**659E00300**	**TOPSOIL, (280 CY)**	
	Awd	$40.00	$11,200.00
	2	$82.00	$22,960.00
	3	$98.00	$27,440.00
	4	$40.00	$11,200.00
Ref #9	**659E10000**	**SEEDING AND MULCHING, (2523 SY)**	
	Awd	$3.00	$7,569.00
	2	$4.00	$10,092.00
	3	$3.00	$7,569.00
	4	$6.00	$15,138.00

Ref #10	**659E14000**	**REPAIR SEEDING AND MULCHING, (126 SY)**	
	Awd	$5.00	$630.00
	2	$1.00	$126.00
	3	$0.80	$100.80
	4	$5.00	$630.00
Ref #11	**659E15000**	**INTER-SEEDING, (126 SY)**	
	Awd	$1.00	$126.00
	2	$0.07	$8.82
	3	$0.80	$100.80
	4	$5.00	$630.00
Ref #12	**659E20000**	**COMMERCIAL FERTILIZER, (0.35 TON)**	
	Awd	$750.00	$262.50
	2	$450.00	$157.50
	3	$892.00	$312.20
	4	$1,500.00	$525.00
Ref #13	**659E31000**	**LIME, (0.52 ACRE)**	
	Awd	$500.00	$260.00
	2	$25.00	$13.00
	3	$159.00	$82.68
	4	$195.00	$101.40
Ref #14	**659E35000**	**WATER, (14 MGAL)**	
	Awd	$25.00	$350.00
	2	$1.00	$14.00
	3	$1.00	$14.00
	4	$5.00	$70.00
Ref #15	**832E30000**	**EROSION CONTROL, (3000 EACH)**	
	Awd	$1.00	$3,000.00
	2	$1.00	$3,000.00
	3	$1.00	$3,000.00
	4	$1.00	$3,000.00

Section 2 - EROSION CONTROL - Totals

Awd	**$29,847.50**
2	**$39,905.32**
3	**$47,839.48**
4	**$42,544.40**

Ref #16	**611E00200**	**4" CONDUIT, TYPE C, (230 FT)**	
	Awd	$10.00	$2,300.00
	2	$3.00	$690.00
	3	$15.00	$3,450.00
	4	$35.00	$8,050.00
Ref #17	**611E99710**	**PRECAST REINFORCED CONCRETE OUTLET, (23 EACH)**	
	Awd	$340.00	$7,820.00
	2	$390.00	$8,970.00
	3	$275.00	$6,325.00
	4	$550.00	$12,650.00

Section 3 - DRAINAGE - Totals

Awd	**$10,120.00**
2	**$9,660.00**
3	**$9,775.00**
4	**$20,700.00**

Ref #18	**625E00450**	**CONNECTION, FUSED PULL APART, (48 EACH)**	
	Awd	$125.00	$6,000.00
	2	$120.00	$5,760.00
	3	$200.00	$9,600.00
	4	$130.00	$6,240.00
Ref #19	**625E00480**	**CONNECTION, UNFUSED PERMANENT, (21 EACH)**	
	Awd	$125.00	$2,625.00
	2	$120.00	$2,520.00
	3	$163.00	$3,423.00
	4	$131.00	$2,751.00
Ref #20	**625E10494**	**LIGHT POLE, LOW MAST, ALM50, (4 EACH)**	
	Awd	$3,300.00	$13,200.00
	2	$3,650.00	$14,600.00
	3	$3,288.00	$13,152.00
	4	$3,175.00	$12,700.00
Ref #21	**625E10494**	**LIGHT POLE, LOW MAST, ATLM50, (12 EACH)**	
	Awd	$3,200.00	$38,400.00
	2	$4,250.00	$51,000.00
	3	$3,788.00	$45,456.00
	4	$3,042.00	$36,504.00
Ref #22	**625E11200**	**LIGHT TOWER, BB100, (18 EACH)**	
	Awd	$23,500.00	$423,000.00
	2	$26,000.00	$468,000.00
	3	$26,000.00	$468,000.00
	4	$24,510.00	$441,180.00
Ref #23	**625E14200**	**LIGHT POLE FOUNDATION, 24" X 10' DEEP, (12 EACH)**	
	Awd	$1,250.00	$15,000.00
	2	$2,700.00	$32,400.00
	3	$2,442.00	$29,304.00
	4	$3,710.00	$44,520.00
Ref #24	**625E14306**	**MEDIAN LIGHT POLE FOUNDATION, 10' DEEP, (4 EACH)**	
	Awd	$2,800.00	$11,200.00
	2	$6,440.00	$25,760.00
	3	$3,490.00	$13,960.00
	4	$4,710.00	$18,840.00
Ref #25	**625E15000**	**LIGHT TOWER FOUNDATION, 36" X 15' DEEP, (2 EACH)**	
	Awd	$8,000.00	$16,000.00
	2	$9,600.00	$19,200.00
	3	$12,581.00	$25,162.00
	4	$11,010.00	$22,020.00
Ref #26	**625E15100**	**LIGHT TOWER FOUNDATION, 36" X 20' DEEP, (8 EACH)**	
	Awd	$8,500.00	$68,000.00
	2	$10,800.00	$86,400.00
	3	$14,703.00	$117,624.00
	4	$14,000.00	$112,000.00

Ref #27	**625E15200**	**LIGHT TOWER FOUNDATION, 36" X 25' DEEP, (8 EACH)**	
	Awd	$9,000.00	$72,000.00
	2	$11,700.00	$93,600.00
	3	$16,534.00	$132,272.00
	4	$15,905.00	$127,240.00
Ref #28	**625E23200**	**NO. 4 AWG 2400 VOLT DISTRIBUTION CABLE, (6273 FT)**	
	Awd	$2.50	$15,682.50
	2	$4.00	$25,092.00
	3	$3.60	$22,582.80
	4	$3.22	$20,199.06
Ref #29	**625E23400**	**NO. 10 AWG POLE AND BRACKET CABLE, (1600 FT)**	
	Awd	$1.50	$2,400.00
	2	$2.00	$3,200.00
	3	$2.40	$3,840.00
	4	$0.87	$1,392.00
Ref #30	**625E24320**	**1-1/2" DUCT CABLE WITH THREE NO. 4 AWG 2400 VOLT C, (12165 FT)**	
	Awd	$8.50	$103,402.50
	2	$13.00	$158,145.00
	3	$10.90	$132,598.50
	4	$9.08	$110,458.20
Ref #31	**625E25200**	**CONDUIT, 1-1/4", 725.04, (307 FT)**	
	Awd	$20.00	$6,140.00
	2	$18.00	$5,526.00
	3	$34.00	$10,438.00
	4	$17.20	$5,280.40
Ref #32	**625E25902**	**CONDUIT, JACKED OR DRILLED, 725.04, 3", (818 FT)**	
	Awd	$52.00	$42,536.00
	2	$50.00	$40,900.00
	3	$62.00	$50,716.00
	4	$75.50	$61,759.00
Ref #33	**625E25911**	**CONDUIT CLEANED AND CABLES REMOVED, AS PER PLAN, (878 FT)**	
	Awd	$0.50	$439.00
	2	$0.50	$439.00
	3	$0.50	$439.00
	4	$0.52	$456.56
Ref #34	**625E26262**	**LUMINAIRE, HIGH MAST, SOLID STATE (LED) (40000-450, (17 EACH)**	
	Awd	$1,050.00	$17,850.00
	2	$1,100.00	$18,700.00
	3	$1,187.00	$20,179.00
	4	$1,210.00	$20,570.00
Ref #35	**625E26272**	**LUMINAIRE, LOW MAST, SOLID STATE (LED) (40000-4500, (18 EACH)**	
	Awd	$1,050.00	$18,900.00
	2	$1,100.00	$19,800.00
	3	$1,132.00	$20,376.00
	4	$1,120.00	$20,160.00
Ref #36	**625E27502**	**LUMINAIRE, UNDERPASS, SOLID STATE (LED) (5000-6500, (8 EACH)**	
	Awd	$650.00	$5,200.00
	2	$650.00	$5,200.00
	3	$466.00	$3,728.00
	4	$725.00	$5,800.00

Ref #37	**625E27561**	**LUMINAIRE, INSTALLATION ONLY, AS PER PLAN, (17 EACH)**	
	Awd	$150.00	$2,550.00
	2	$100.00	$1,700.00
	3	$110.00	$1,870.00
	4	$180.00	$3,060.00
Ref #38	**625E28000**	**GLARE SHIELD, (10 EACH)**	
	Awd	$125.00	$1,250.00
	2	$200.00	$2,000.00
	3	$150.00	$1,500.00
	4	$170.00	$1,700.00
Ref #39	**625E29000**	**TRENCH, (11350 FT)**	
	Awd	$6.00	$68,100.00
	2	$13.00	$147,550.00
	3	$6.60	$74,910.00
	4	$11.50	$130,525.00
Ref #40	**625E29400**	**TRENCH IN PAVED AREA, (355 FT)**	
	Awd	$55.00	$19,525.00
	2	$21.00	$7,455.00
	3	$90.00	$31,950.00
	4	$41.40	$14,697.00
Ref #41	**625E29920**	**STRUCTURE JUNCTION BOX, (8 EACH)**	
	Awd	$500.00	$4,000.00
	2	$2,200.00	$17,600.00
	3	$2,250.00	$18,000.00
	4	$1,910.00	$15,280.00
Ref #42	**625E29930**	**MEDIAN JUNCTION BOX, (8 EACH)**	
	Awd	$3,000.00	$24,000.00
	2	$2,200.00	$17,600.00
	3	$2,550.00	$20,400.00
	4	$1,870.00	$14,960.00
Ref #43	**625E30700**	**PULL BOX, 725.08, 18", (1 EACH)**	
	Awd	$1,200.00	$1,200.00
	2	$1,100.00	$1,100.00
	3	$950.00	$950.00
	4	$1,515.00	$1,515.00
Ref #44	**625E30706**	**PULL BOX, 725.08, 24", (22 EACH)**	
	Awd	$1,500.00	$33,000.00
	2	$1,250.00	$27,500.00
	3	$1,150.00	$25,300.00
	4	$1,895.00	$41,690.00
Ref #45	**625E32000**	**GROUND ROD, (34 EACH)**	
	Awd	$200.00	$6,800.00
	2	$330.00	$11,220.00
	3	$320.00	$10,880.00
	4	$306.00	$10,404.00
Ref #46	**625E34001**	**POWER SERVICE, AS PER PLAN, (2 EACH)**	
	Awd	$8,000.00	$16,000.00
	2	$7,100.00	$14,200.00
	3	$12,850.00	$25,700.00
	4	$5,680.00	$11,360.00

Ref #47	**625E34450**	**CONTROL CENTER CABINET, COMPLETE, (1 EACH)**	
	Awd	$3,500.00	$3,500.00
	2	$9,600.00	$9,600.00
	3	$5,500.00	$5,500.00
	4	$4,090.00	$4,090.00
Ref #48	**625E36011**	**UNDERGROUND WARNING/MARKING TAPE, AS PER PLAN, (11350 FT)**	
	Awd	$0.20	$2,270.00
	2	$2.00	$22,700.00
	3	$0.50	$5,675.00
	4	$1.00	$11,350.00
Ref #49	**625E37000**	**SERVICE TO UNDERPASS LIGHTING, (LUMP SUM)**	
	Awd	$7,000.00	$7,000.00
	2	$9,500.00	$9,500.00
	3	$2,633.00	$2,633.00
	4	$11,905.00	$11,905.00
Ref #50	**625E40000**	**SPECIAL - MAINTAIN EXISTING LIGHTING, (LUMP SUM)**	
	Awd	$5,000.00	$5,000.00
	2	$15,000.00	$15,000.00
	3	$14,550.00	$14,550.00
	4	$20,980.00	$20,980.00
Ref #51	**625E40010**	**SPECIAL - REPLACEMENT OF EXISTING LIGHTING UNIT, (2 EACH)**	
	Awd	$100.00	$200.00
	2	$310.00	$620.00
	3	$450.00	$900.00
	4	$2,605.00	$5,210.00
Ref #52	**625E75350**	**LIGHT TOWER REMOVED, (10 EACH)**	
	Awd	$1,000.00	$10,000.00
	2	$1,000.00	$10,000.00
	3	$1,250.00	$12,500.00
	4	$1,505.00	$15,050.00
Ref #53	**625E75400**	**LIGHT POLE REMOVED, (33 EACH)**	
	Awd	$200.00	$6,600.00
	2	$400.00	$13,200.00
	3	$400.00	$13,200.00
	4	$165.00	$5,445.00
Ref #54	**625E75401**	**LIGHT POLE REMOVED, AS PER PLAN, (10 EACH)**	
	Awd	$200.00	$2,000.00
	2	$800.00	$8,000.00
	3	$450.00	$4,500.00
	4	$543.00	$5,430.00
Ref #55	**625E75500**	**LIGHT POLE FOUNDATION REMOVED, (33 EACH)**	
	Awd	$150.00	$4,950.00
	2	$200.00	$6,600.00
	3	$225.00	$7,425.00
	4	$543.00	$17,919.00
Ref #56	**625E75540**	**LIGHT TOWER FOUNDATION REMOVED, (10 EACH)**	
	Awd	$650.00	$6,500.00
	2	$350.00	$3,500.00
	3	$450.00	$4,500.00
	4	$543.00	$5,430.00

Ref #57	**625E76000**	**ARC FLASH CALCULATIONS AND LABEL, MIDLOTHIAN, (1 EACH)**	
	Awd	$400.00	$400.00
	2	$3,150.00	$3,150.00
	3	$540.00	$540.00
	4	$3,000.00	$3,000.00
Ref #58	**625E76000**	**ARC FLASH CALCULATIONS AND LABEL, MIDLOTHIAN (YOUN, (1 EACH)**	
	Awd	$400.00	$400.00
	2	$3,150.00	$3,150.00
	3	$540.00	$540.00
	4	$3,000.00	$3,000.00
Ref #59	**625E98200**	**LIGHTING, MISC.: REMOVE UNDERPASS LIGHTING, (LUMP SUM)**	
	Awd	$2,500.00	$2,500.00
	2	$3,000.00	$3,000.00
	3	$750.00	$750.00
	4	$4,345.00	$4,345.00

Section 4 - LIGHTING - Totals

Awd	**$1,105,720.00**
2	**$1,432,187.00**
3	**$1,407,523.30**
4	**$1,428,415.22**

Ref #60	**633E67200**	**CONTROLLER WORK PAD, (1 EACH)**	
	Awd	$1,000.00	$1,000.00
	2	$1,600.00	$1,600.00
	3	$325.00	$325.00
	4	$460.00	$460.00

Section 5 - TRAFFIC SIGNALS - Totals

Awd	**$1,000.00**
2	**$1,600.00**
3	**$325.00**
4	**$460.00**

Ref #61	**614E11110**	**LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSIST, (50 HOUR)**	
	Awd	$75.00	$3,750.00
	2	$85.00	$4,250.00
	3	$100.00	$5,000.00
	4	$75.00	$3,750.00
Ref #62	**614E11630**	**INCREASED BARRIER DELINEATION, (240 FT)**	
	Awd	$2.00	$480.00
	2	$2.00	$480.00
	3	$1.00	$240.00
	4	$5.00	$1,200.00
Ref #63	**614E12380**	**WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UN, (4 EACH)**	
	Awd	$3,000.00	$12,000.00
	2	$2,650.00	$10,600.00
	3	$2,300.00	$9,200.00
	4	$2,300.00	$9,200.00

Ref #64	**614E12470**	**WORK ZONE SPEED LIMIT SIGN, (2 EACH)**	
	Awd	$750.00	$1,500.00
	2	$650.00	$1,300.00
	3	$136.00	$272.00
	4	$560.00	$1,120.00
Ref #65	**614E13310**	**BARRIER REFLECTOR, TYPE 1 (ONE-WAY), (72 EACH)**	
	Awd	$10.00	$720.00
	2	$10.00	$720.00
	3	$14.00	$1,008.00
	4	$10.00	$720.00
Ref #66	**614E13350**	**OBJECT MARKER, ONE WAY, (72 EACH)**	
	Awd	$12.00	$864.00
	2	$12.00	$864.00
	3	$19.00	$1,368.00
	4	$20.00	$1,440.00
Ref #67	**614E18601**	**PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN, (6 SNMT)**	
	Awd	$1,000.00	$6,000.00
	2	$1,100.00	$6,600.00
	3	$810.00	$4,860.00
	4	$1,050.00	$6,300.00
Ref #68	**614E22360**	**WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT, (2.15 MILE)**	
	Awd	$1,200.00	$2,580.00
	2	$2,000.00	$4,300.00
	3	$1,940.00	$4,171.00
	4	$1,940.00	$4,171.00
Ref #69	**622E41100**	**PORTABLE BARRIER, UNANCHORED, (3300 FT)**	
	Awd	$11.00	$36,300.00
	2	$12.50	$41,250.00
	3	$16.00	$52,800.00
	4	$16.50	$54,450.00
Ref #70	**808E18700**	**DIGITAL SPEED LIMIT (DSL) SIGN ASSEMBLY, (12 SNMT)**	
	Awd	$750.00	$9,000.00
	2	$900.00	$10,800.00
	3	$975.00	$11,700.00
	4	$850.00	$10,200.00

Section 6 - MAINTENANCE OF TRAFFIC - Totals

Awd	**$73,194.00**
2	**$81,164.00**
3	**$90,619.00**
4	**$92,551.00**

Ref #71	**103E05000**	**PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYM, (LUMP SUM)**	
	Awd	$11,500.00	$11,500.00
	2	$19,583.68	$19,583.68
	3	$10,622.97	$10,622.97
	4	$31,520.38	$31,520.38
Ref #72	**614E11000**	**MAINTAINING TRAFFIC, (LUMP SUM)**	
	Awd	$20,000.00	$20,000.00
	2	$18,500.00	$18,500.00
	3	$16,550.00	$16,550.00
	4	$83,880.00	$83,880.00

Ref #73	**619E16010**	**FIELD OFFICE, TYPE B, (8 MNTH)**	
	Awd	$1,000.00	$8,000.00
	2	$1,450.00	$11,600.00
	3	$2,000.00	$16,000.00
	4	$1,000.00	$8,000.00
Ref #74	**623E10000**	**CONSTRUCTION LAYOUT STAKES AND SURVEYING, (LUMP SUM)**	
	Awd	$7,000.00	$7,000.00
	2	$22,500.00	$22,500.00
	3	$3,400.00	$3,400.00
	4	$1,000.00	$1,000.00
Ref #75	**624E10000**	**MOBILIZATION, (LUMP SUM)**	
	Awd	$10,000.00	$10,000.00
	2	$40,000.00	$40,000.00
	3	$40,000.00	$40,000.00
	4	$40,000.00	$40,000.00

Section 7 - INCIDENTALS - Totals

Awd	**$56,500.00**
2	**$112,183.68**
3	**$86,572.97**
4	**$164,400.38**