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

Project No. 220350
PID 113782
MOT-IR 75-VAR
Federal
Type: SIGNALIZATION
Letting Date: 6/16/2022
Completion Date: 8/30/2023

Contract Awarded To: PERRAM ELECTRIC INC
Award Amount: $1,897,150.00

Engineer's Estimate: $1,843,000.00

Bidder 1
PERRAM ELECTRIC INC
6882 RIDGE RD
Medina
WADSWORTH, OH 44281
Bid $1,897,150.00

Bidder 2
BANSAL CONSTRUCTION INC
3271 HOMEWARD WAY
Butler
FAIRFIELD, OH 45014
Bid $2,248,286.77

Bidder 3
RUHLIN COMPANY
P O BOX 190
Medina
SHARON CENTER, OH 44274
Bid $2,373,488.76

Bidder 4
MILLER CABLE COMPANY
210 S BROADWAY ST P O BOX 68
Seneca
GREEN SPRINGS, OH 44836
Bid $2,482,900.00

Ref #1	**659E00300**	**TOPSOIL, (634 CY)**	
	Awd	$30.00	$19,020.00
	2	$72.50	$45,965.00
	3	$50.00	$31,700.00
	4	$100.00	$63,400.00
Ref #2	**659E10000**	**SEEDING AND MULCHING, (5710 SY)**	
	Awd	$0.50	$2,855.00
	2	$1.65	$9,421.50
	3	$1.75	$9,992.50
	4	$5.00	$28,550.00
Ref #3	**659E14000**	**REPAIR SEEDING AND MULCHING, (286 SY)**	
	Awd	$2.00	$572.00
	2	$1.00	$286.00
	3	$1.00	$286.00
	4	$0.35	$100.10
Ref #4	**659E15000**	**INTER-SEEDING, (286 SY)**	
	Awd	$2.00	$572.00
	2	$0.01	$2.86
	3	$0.01	$2.86
	4	$0.10	$28.60
Ref #5	**659E20000**	**COMMERCIAL FERTILIZER, (1.28 TON)**	
	Awd	$1,565.00	$2,003.20
	2	$1,500.00	$1,920.00
	3	$1,500.00	$1,920.00
	4	$800.00	$1,024.00
Ref #6	**659E31000**	**LIME, (1.18 ACRE)**	
	Awd	$200.00	$236.00
	2	$300.00	$354.00
	3	$200.00	$236.00
	4	$75.00	$88.50
Ref #7	**659E35000**	**WATER, (32 MGAL)**	
	Awd	$5.00	$160.00
	2	$1.00	$32.00
	3	$25.00	$800.00
	4	$1.00	$32.00
Ref #8	**832E30000**	**EROSION CONTROL, (1 EACH)**	
	Awd	$1.00	$1.00
	2	$1.00	$1.00
	3	$1.00	$1.00
	4	$1.00	$1.00

Section 1 - EROSION CONTROL - Totals

Awd	**$25,419.20**
2	**$57,982.36**
3	**$44,938.36**
4	**$93,224.20**

Ref #9	**621E00100**	**RPM, (415 EACH)**	
	Awd	$39.55	$16,413.25
	2	$218.10	$90,511.50
	3	$48.00	$19,920.00
	4	$85.00	$35,275.00

Ref #10	**630E79500**	**SIGN SUPPORT ASSEMBLY, POLE MOUNTED, (130 EACH)**	
	Awd	$98.00	$12,740.00
	2	$135.00	$17,550.00
	3	$142.00	$18,460.00
	4	$400.00	$52,000.00
Ref #11	**630E84900**	**REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL, (57 EACH)**	
	Awd	$18.55	$1,057.35
	2	$25.00	$1,425.00
	3	$80.00	$4,560.00
	4	$20.00	$1,140.00
Ref #12	**630E86002**	**REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSA, (56 EACH)**	
	Awd	$44.00	$2,464.00
	2	$30.00	$1,680.00
	3	$50.00	$2,800.00
	4	$20.00	$1,120.00
Ref #13	**630E97700**	**SIGNING, MISC.: SERVICE ROUTING VIA EXISTING STRUC, (4 EACH)**	
	Awd	$1,630.00	$6,520.00
	2	$6,475.00	$25,900.00
	3	$920.00	$3,680.00
	4	$22,500.00	$90,000.00
Ref #14	**630E97700**	**SIGNING, MISC.:, SIGN SUPPORT FOUNDATION, (2 EACH)**	
	Awd	$855.00	$1,710.00
	2	$1,750.00	$3,500.00
	3	$2,000.00	$4,000.00
	4	$3,150.00	$6,300.00
Ref #15	**644E01360**	**WRONG WAY ARROW, (19 EACH)**	
	Awd	$1,670.00	$31,730.00
	2	$1,670.00	$31,730.00
	3	$530.00	$10,070.00
	4	$800.00	$15,200.00
Ref #16	**646E20320**	**WRONG WAY ARROW, (15 EACH)**	
	Awd	$1,885.00	$28,275.00
	2	$1,885.00	$28,275.00
	3	$1,000.00	$15,000.00
	4	$1,200.00	$18,000.00

Section 2 - TRAFFIC CONTROL - Totals

Awd	**$100,909.60**
2	**$200,571.50**
3	**$78,490.00**
4	**$219,035.00**

Ref #17	**625E25400**	**CONDUIT, 2", 725.04, (9249 FT)**	
	Awd	$20.10	$185,904.90
	2	$14.67	$135,682.83
	3	$24.00	$221,976.00
	4	$17.00	$157,233.00
Ref #18	**625E25408**	**CONDUIT, 2", 725.051, (1015 FT)**	
	Awd	$10.65	$10,809.75
	2	$5.85	$5,937.75
	3	$30.00	$30,450.00
	4	$10.00	$10,150.00

Ref #19	**625E25500**	**CONDUIT, 3", 725.04, (190 FT)**	
	Awd	$45.00	$8,550.00
	2	$32.15	$6,108.50
	3	$63.00	$11,970.00
	4	$32.00	$6,080.00
Ref #20	**625E25902**	**CONDUIT, JACKED OR DRILLED, 725.04, 3", (1334 FT)**	
	Awd	$73.30	$97,782.20
	2	$64.15	$85,576.10
	3	$81.40	$108,587.60
	4	$65.00	$86,710.00
Ref #21	**625E29000**	**TRENCH, (8304 FT)**	
	Awd	$10.65	$88,437.60
	2	$10.57	$87,773.28
	3	$8.00	$66,432.00
	4	$12.00	$99,648.00
Ref #22	**625E29011**	**TRENCH, 30" DEEP, AS PER PLAN, (397 FT)**	
	Awd	$11.10	$4,406.70
	2	$11.05	$4,386.85
	3	$9.00	$3,573.00
	4	$25.00	$9,925.00
Ref #23	**625E30500**	**PULL BOX, 725.06, SIZE 1.5, (64 EACH)**	
	Awd	$811.00	$51,904.00
	2	$915.00	$58,560.00
	3	$875.00	$56,000.00
	4	$750.00	$48,000.00
Ref #24	**625E30520**	**PULL BOX, 725.06, SIZE 7, (12 EACH)**	
	Awd	$1,180.00	$14,160.00
	2	$1,320.00	$15,840.00
	3	$1,250.00	$15,000.00
	4	$1,100.00	$13,200.00
Ref #25	**625E30530**	**PULL BOX, 725.06, SIZE 18, (1 EACH)**	
	Awd	$1,745.00	$1,745.00
	2	$2,180.00	$2,180.00
	3	$2,300.00	$2,300.00
	4	$2,000.00	$2,000.00
Ref #26	**625E31600**	**PULL BOX, MISC.: PULL BOX, 725.06, SIZE 1.5, (1 EACH)**	
	Awd	$1,005.00	$1,005.00
	2	$915.00	$915.00
	3	$1,030.00	$1,030.00
	4	$750.00	$750.00
Ref #27	**625E32000**	**GROUND ROD, (66 EACH)**	
	Awd	$286.00	$18,876.00
	2	$320.00	$21,120.00
	3	$325.00	$21,450.00
	4	$275.00	$18,150.00
Ref #28	**625E36010**	**UNDERGROUND WARNING/MARKING TAPE, (8766 FT)**	
	Awd	$1.36	$11,921.76
	2	$1.60	$14,025.60
	3	$2.00	$17,532.00
	4	$2.40	$21,038.40

Ref #29	**632E26500**	**DETECTOR LOOP, (12 EACH)**	
	Awd	$1,105.00	$13,260.00
	2	$1,440.00	$17,280.00
	3	$1,500.00	$18,000.00
	4	$1,700.00	$20,400.00
Ref #30	**632E29900**	**MESSENGER WIRE, 7 STRAND, 1/4" DIAMETER WITH ACCES, (1105 FT)**	
	Awd	$12.50	$13,812.50
	2	$11.35	$12,541.75
	3	$9.50	$10,497.50
	4	$20.00	$22,100.00
Ref #31	**632E64020**	**PEDESTAL FOUNDATION, (56 EACH)**	
	Awd	$1,854.00	$103,824.00
	2	$1,225.00	$68,600.00
	3	$1,350.00	$75,600.00
	4	$800.00	$44,800.00
Ref #32	**632E64021**	**PEDESTAL FOUNDATION, AS PER PLAN, (5 EACH)**	
	Awd	$2,030.00	$10,150.00
	2	$1,225.00	$6,125.00
	3	$1,650.00	$8,250.00
	4	$1,150.00	$5,750.00
Ref #33	**632E65200**	**LOOP DETECTOR LEAD-IN CABLE, (1374 FT)**	
	Awd	$1.97	$2,706.78
	2	$2.00	$2,748.00
	3	$1.90	$2,610.60
	4	$2.00	$2,748.00
Ref #34	**632E67300**	**POWER CABLE, 3 CONDUCTOR, NO. 8 AWG, (26727 FT)**	
	Awd	$1.89	$50,514.03
	2	$3.05	$81,517.35
	3	$4.50	$120,271.50
	4	$6.00	$160,362.00
Ref #35	**632E68300**	**POWER CABLE, 3 CONDUCTOR, NO. 6 AWG, (18681 FT)**	
	Awd	$2.34	$43,713.54
	2	$3.90	$72,855.90
	3	$7.20	$134,503.20
	4	$6.30	$117,690.30
Ref #36	**632E70001**	**POWER SERVICE, AS PER PLAN, (18 EACH)**	
	Awd	$883.00	$15,894.00
	2	$3,975.00	$71,550.00
	3	$2,300.00	$41,400.00
	4	$2,650.00	$47,700.00
Ref #37	**632E70400**	**CONDUIT RISER, 2" DIAMETER, (28 EACH)**	
	Awd	$878.00	$24,584.00
	2	$1,200.00	$33,600.00
	3	$1,100.00	$30,800.00
	4	$600.00	$16,800.00
Ref #38	**632E89300**	**WOOD POLE, (5 EACH)**	
	Awd	$1,340.00	$6,700.00
	2	$2,070.00	$10,350.00
	3	$1,350.00	$6,750.00
	4	$1,600.00	$8,000.00

Ref #39	**632E90010**	**PEDESTAL, MISC.: PEDESTAL, 15' TRANSFORMER BASE, (62 EACH)**		
	Awd	$1,705.00	$105,710.00	
	2	$2,950.00	$182,900.00	
	3	$1,800.00	$111,600.00	
	4	$1,700.00	$105,400.00	
Ref #100	**625E00470**	**CONNECTION, UNFUSED BOLTED, (3 EACH)**		
	Awd	$147.00	$441.00	
	2	$98.90	$296.70	
	3	$275.00	$825.00	
	4	$100.00	$300.00	
Ref #101	**809E64550**	**ETHERNET CABLE, OUTDOOR-RATED, (5035 FT)**		
	Awd	$1.92	$9,667.20	
	2	$2.28	$11,479.80	
	3	$3.00	$15,105.00	
	4	$4.00	$20,140.00	
Ref #102	**809E65990**	**ITS DEVICE, MISC.: CCTV IP-CAMERA SYSTEM, FIXED VI, (20 EACH)**		
	Awd	$2,490.00	$49,800.00	
	2	$4,340.00	$86,800.00	
	3	$4,300.00	$86,000.00	
	4	$3,500.00	$70,000.00	
Ref #103	**809E65990**	**ITS DEVICE, MISC.:HIGH SPEED ETHERNET RADIO, INSTA, (18 EACH)**		
	Awd	$360.00	$6,480.00	
	2	$980.00	$17,640.00	
	3	$475.00	$8,550.00	
	4	$750.00	$13,500.00	
Ref #107	**625E29400**	**TRENCH IN PAVED AREA, (85 FT)**		
	Awd	$169.00	$14,365.00	
	2	$215.00	$18,275.00	
	3	$114.00	$9,690.00	
	4	$40.00	$3,400.00	
Ref #108	**632E90500**	**SIGNALIZATION, MISC.: UNLASH AND RELASH MESSENGER , (37 FT)**		
	Awd	$9.50	$351.50	
	2	$17.50	$647.50	
	3	$11.00	$407.00	
	4	$7.00	$259.00	

Section 3 - TRAFFIC SIGNALS - Totals

Awd	**$967,476.46**
2	**$1,133,312.91**
3	**$1,237,160.40**
4	**$1,132,233.70**

Ref #106	**AA3**	**809E69130**	**WRONG WAY DETECTION SYSTEM (TRAFFICALM), (ALTERNAT, (18 EACH)**	
		Awd	$35,145.00	$632,610.00
		2	$31,790.00	$572,220.00
		3	$43,000.00	$774,000.00
		4	$46,500.00	$837,000.00

Section 4 - TRAFFIC SIGNAL ALTERNATES - Totals

Awd	**$632,610.00**
2	**$572,220.00**
3	**$774,000.00**
4	**$837,000.00**

Ref #41	**614E11110**	**LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSIST, (280 HOUR)**	
	Awd	$70.00	$19,600.00
	2	$65.00	$18,200.00
	3	$85.00	$23,800.00
	4	$85.00	$23,800.00

Section 5 - MAINTENANCE OF TRAFFIC - Totals

Awd	**$19,600.00**
2	**$18,200.00**
3	**$23,800.00**
4	**$23,800.00**

Ref #42	**103E05000**	**PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYM, (LUMP SUM)**	
	Awd	$29,394.74	$29,394.74
	2	$22,000.00	$22,000.00
	3	$5,400.00	$5,400.00
	4	$20,863.10	$20,863.10
Ref #43	**614E11000**	**MAINTAINING TRAFFIC, (LUMP SUM)**	
	Awd	$54,240.00	$54,240.00
	2	$90,000.00	$90,000.00
	3	$86,700.00	$86,700.00
	4	$52,644.00	$52,644.00
Ref #44	**623E10000**	**CONSTRUCTION LAYOUT STAKES AND SURVEYING, (LUMP SUM)**	
	Awd	$27,500.00	$27,500.00
	2	$54,000.00	$54,000.00
	3	$23,000.00	$23,000.00
	4	$4,100.00	$4,100.00
Ref #45	**624E10000**	**MOBILIZATION, (LUMP SUM)**	
	Awd	$40,000.00	$40,000.00
	2	$100,000.00	$100,000.00
	3	$100,000.00	$100,000.00
	4	$100,000.00	$100,000.00

Section 6 - INCIDENTALS - Totals

Awd	**$151,134.74**
2	**$266,000.00**
3	**$215,100.00**
4	**$177,607.10**