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

Project No. 230071
PID 115798
MAH-IR 76-06.04
Non-Federal
Type: INTERCHANGE
Letting Date: 1/26/2023
Completion Date: 11/30/2023

Contract Awarded To: SHELLY & SANDS INC
Award Amount: $1,215,042.05

Engineer's Estimate: $1,314,000.00

Bidder 1
SHELLY & SANDS INC
1515 HARMON AVE
Franklin
COLUMBUS, OH 43223
Bid $1,215,042.05

Bidder 2
A P O'HORO COMPANY
P O BOX 2228
Mahoning
YOUNGSTOWN, OH 44504
Bid $1,279,000.00

Bidder 3
RUHLIN COMPANY
P O BOX 190
Medina
SHARON CENTER, OH 44274
Bid $1,678,247.91

Bidder 4
S E T INC
235 EAST WATER ST
Mahoning
LOWELLVILLE, OH 44436
Bid $1,734,066.72

Ref #1	**201E11000**	**CLEARING AND GRUBBING, (LUMP SUM)**	
	Awd	$3,450.00	$3,450.00
	2	$3,000.00	$3,000.00
	3	$42,500.00	$42,500.00
	4	$20,000.00	$20,000.00
Ref #2	**202E23000**	**PAVEMENT REMOVED, (613 SY)**	
	Awd	$8.00	$4,904.00
	2	$15.00	$9,195.00
	3	$34.00	$20,842.00
	4	$8.00	$4,904.00
Ref #3	**202E35100**	**PIPE REMOVED, 24" AND UNDER, (17 FT)**	
	Awd	$36.00	$612.00
	2	$15.00	$255.00
	3	$6.50	$110.50
	4	$16.00	$272.00
Ref #4	**202E38000**	**GUARDRAIL REMOVED, (474 FT)**	
	Awd	$5.00	$2,370.00
	2	$2.00	$948.00
	3	$2.02	$957.48
	4	$5.00	$2,370.00
Ref #5	**202E58100**	**CATCH BASIN REMOVED, (2 EACH)**	
	Awd	$410.00	$820.00
	2	$225.00	$450.00
	3	$525.00	$1,050.00
	4	$290.00	$580.00
Ref #6	**202E70110**	**SPECIAL - PIPE CLEANOUT, 24" AND UNDER, (100 FT)**	
	Awd	$47.00	$4,700.00
	2	$22.00	$2,200.00
	3	$38.00	$3,800.00
	4	$18.00	$1,800.00
Ref #7	**202E98100**	**REMOVAL MISC.: CONCRETE FOUNDATION, (2 EACH)**	
	Awd	$515.00	$1,030.00
	2	$500.00	$1,000.00
	3	$510.00	$1,020.00
	4	$290.00	$580.00
Ref #8	**203E10000**	**EXCAVATION, (1182 CY)**	
	Awd	$20.00	$23,640.00
	2	$20.00	$23,640.00
	3	$35.00	$41,370.00
	4	$27.00	$31,914.00
Ref #9	**203E20000**	**EMBANKMENT, (166 CY)**	
	Awd	$37.00	$6,142.00
	2	$15.00	$2,490.00
	3	$40.00	$6,640.00
	4	$11.00	$1,826.00
Ref #10	**204E10000**	**SUBGRADE COMPACTION, (1964 SY)**	
	Awd	$5.00	$9,820.00
	2	$2.00	$3,928.00
	3	$8.50	$16,694.00
	4	$2.00	$3,928.00

Ref #11	**204E13000**	**EXCAVATION OF SUBGRADE, (655 CY)**	
	Awd	$14.00	$9,170.00
	2	$12.00	$7,860.00
	3	$49.00	$32,095.00
	4	$24.00	$15,720.00
Ref #12	**204E30010**	**GRANULAR MATERIAL, TYPE B, (655 CY)**	
	Awd	$55.00	$36,025.00
	2	$50.00	$32,750.00
	3	$77.00	$50,435.00
	4	$77.00	$50,435.00
Ref #13	**204E45000**	**PROOF ROLLING, (1 HOUR)**	
	Awd	$228.00	$228.00
	2	$250.00	$250.00
	3	$790.00	$790.00
	4	$450.00	$450.00
Ref #14	**204E50000**	**GEOTEXTILE FABRIC, (1964 SY)**	
	Awd	$0.50	$982.00
	2	$1.00	$1,964.00
	3	$1.25	$2,455.00
	4	$2.00	$3,928.00
Ref #15	**606E15050**	**GUARDRAIL, TYPE MGS, (350 FT)**	
	Awd	$23.00	$8,050.00
	2	$21.40	$7,490.00
	3	$21.62	$7,567.00
	4	$23.00	$8,050.00
Ref #16	**606E15550**	**GUARDRAIL, BARRIER DESIGN, TYPE MGS, (50 FT)**	
	Awd	$29.00	$1,450.00
	2	$38.50	$1,925.00
	3	$38.89	$1,944.50
	4	$28.00	$1,400.00
Ref #17	**606E60012**	**IMPACT ATTENUATOR, TYPE 1 (BIDIRECTIONAL), (2 EACH)**	
	Awd	$5,180.00	$10,360.00
	2	$6,860.00	$13,720.00
	3	$6,929.30	$13,858.60
	4	$5,092.00	$10,184.00
Ref #18	**690E98400**	**SPECIAL - SURVEY CONTROL VERIFICATION, (LUMP SUM)**	
	Awd	$2,425.00	$2,425.00
	2	$1,000.00	$1,000.00
	3	$195.00	$195.00
	4	$1,029.00	$1,029.00

Section 1 - ROADWAY - Totals

Awd	**$126,178.00**
2	**$114,065.00**
3	**$244,324.08**
4	**$159,370.00**

Ref #19	**601E21050**	**TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT, (6 SY)**	
	Awd	$280.00	$1,680.00
	2	$261.00	$1,566.00
	3	$250.00	$1,500.00
	4	$239.00	$1,434.00

Ref #20	**659E00100**	**SOIL ANALYSIS TEST, (2 EACH)**	
	Awd	$105.00	$210.00
	2	$50.00	$100.00
	3	$200.00	$400.00
	4	$338.00	$676.00
Ref #21	**659E00300**	**TOPSOIL, (374 CY)**	
	Awd	$27.00	$10,098.00
	2	$12.00	$4,488.00
	3	$40.00	$14,960.00
	4	$75.00	$28,050.00
Ref #22	**659E10000**	**SEEDING AND MULCHING, (3366 SY)**	
	Awd	$1.00	$3,366.00
	2	$1.50	$5,049.00
	3	$2.47	$8,314.02
	4	$3.00	$10,098.00
Ref #23	**659E14000**	**REPAIR SEEDING AND MULCHING, (168 SY)**	
	Awd	$1.00	$168.00
	2	$2.00	$336.00
	3	$0.66	$110.88
	4	$1.00	$168.00
Ref #24	**659E15000**	**INTER-SEEDING, (168 SY)**	
	Awd	$1.00	$168.00
	2	$2.00	$336.00
	3	$0.10	$16.80
	4	$0.11	$17.64
Ref #25	**659E20000**	**COMMERCIAL FERTILIZER, (0.6 TON)**	
	Awd	$1.00	$0.60
	2	$280.00	$168.00
	3	$494.95	$296.97
	4	$515.00	$309.00
Ref #26	**659E31000**	**LIME, (0.7 ACRE)**	
	Awd	$163.00	$114.10
	2	$400.00	$280.00
	3	$50.50	$35.35
	4	$53.00	$37.10
Ref #27	**659E35000**	**WATER, (19 MGAL)**	
	Awd	$20.00	$380.00
	2	$1.00	$19.00
	3	$0.71	$13.49
	4	$1.00	$19.00
Ref #28	**832E15000**	**STORM WATER POLLUTION PREVENTION PLAN, (LUMP SUM)**	
	Awd	$1,580.00	$1,580.00
	2	$7,000.00	$7,000.00
	3	$1,475.00	$1,475.00
	4	$1,995.00	$1,995.00
Ref #29	**832E15002**	**STORM WATER POLLUTION PREVENTION INSPECTIONS, (LUMP SUM)**	
	Awd	$7,300.00	$7,300.00
	2	$2,000.00	$2,000.00
	3	$6,840.00	$6,840.00
	4	$9,252.00	$9,252.00

Ref #30	**832E15010**	**STORM WATER POLLUTION PREVENTION INSPECTION SOFTWA, (LUMP SUM)**	
	Awd	$10,800.00	$10,800.00
	2	$5,000.00	$5,000.00
	3	$10,139.00	$10,139.00
	4	$13,716.00	$13,716.00
Ref #31	**832E30000**	**EROSION CONTROL, (17250 EACH)**	
	Awd	$1.00	$17,250.00
	2	$1.00	$17,250.00
	3	$1.00	$17,250.00
	4	$1.00	$17,250.00

Section 2 - EROSION CONTROL - Totals

Awd	**$53,114.70**
2	**$43,592.00**
3	**$61,351.51**
4	**$83,021.74**

Ref #32	**605E11110**	**6" SHALLOW PIPE UNDERDRAINS WITH GEOTEXTILE FABRIC, (1081 FT)**	
	Awd	$18.00	$19,458.00
	2	$12.00	$12,972.00
	3	$38.00	$41,078.00
	4	$18.00	$19,458.00
Ref #33	**605E13410**	**6" UNCLASSIFIED PIPE UNDERDRAINS WITH GEOTEXTILE F, (290 FT)**	
	Awd	$22.00	$6,380.00
	2	$18.00	$5,220.00
	3	$54.00	$15,660.00
	4	$18.00	$5,220.00
Ref #34	**611E01500**	**6" CONDUIT, TYPE F, (167 FT)**	
	Awd	$28.00	$4,676.00
	2	$15.00	$2,505.00
	3	$55.00	$9,185.00
	4	$21.00	$3,507.00
Ref #35	**611E06100**	**15" CONDUIT, TYPE C, (170 FT)**	
	Awd	$100.00	$17,000.00
	2	$60.00	$10,200.00
	3	$102.00	$17,340.00
	4	$87.00	$14,790.00
Ref #36	**611E98470**	**CATCH BASIN, NO. 2-2B, (2 EACH)**	
	Awd	$2,800.00	$5,600.00
	2	$1,750.00	$3,500.00
	3	$3,040.00	$6,080.00
	4	$2,509.00	$5,018.00
Ref #37	**611E99574**	**MANHOLE, NO. 3, (2 EACH)**	
	Awd	$3,000.00	$6,000.00
	2	$3,000.00	$6,000.00
	3	$3,965.00	$7,930.00
	4	$3,811.00	$7,622.00
Ref #38	**611E99710**	**PRECAST REINFORCED CONCRETE OUTLET, (3 EACH)**	
	Awd	$525.00	$1,575.00
	2	$285.00	$855.00
	3	$485.00	$1,455.00
	4	$324.00	$972.00

Section 3 - DRAINAGE - Totals

Awd	**$60,689.00**
2	**$41,252.00**
3	**$98,728.00**
4	**$56,587.00**

Ref #39	**252E01500**	**FULL DEPTH PAVEMENT SAWING, (1416 FT)**	
	Awd	$2.00	$2,832.00
	2	$2.50	$3,540.00
	3	$2.29	$3,242.64
	4	$3.00	$4,248.00
Ref #40	**254E01000**	**PAVEMENT PLANING, ASPHALT CONCRETE (DEPTH = 3.25"), (3149 SY)**	
	Awd	$5.00	$15,745.00
	2	$4.50	$14,170.50
	3	$6.50	$20,468.50
	4	$4.00	$12,596.00
Ref #41	**301E56000**	**ASPHALT CONCRETE BASE, PG64-22, (449), (190 CY)**	
	Awd	$170.00	$32,300.00
	2	$220.00	$41,800.00
	3	$260.00	$49,400.00
	4	$231.00	$43,890.00
Ref #42	**304E20000**	**AGGREGATE BASE, (451 CY)**	
	Awd	$74.00	$33,374.00
	2	$65.00	$29,315.00
	3	$110.00	$49,610.00
	4	$72.00	$32,472.00
Ref #43	**407E20000**	**NON-TRACKING TACK COAT, (647 GAL)**	
	Awd	$3.00	$1,941.00
	2	$4.00	$2,588.00
	3	$3.00	$1,941.00
	4	$5.00	$3,235.00
Ref #44	**408E10001**	**PRIME COAT, AS PER PLAN, (122 GAL)**	
	Awd	$4.00	$488.00
	2	$5.00	$610.00
	3	$5.00	$610.00
	4	$8.00	$976.00
Ref #45	**442E22101**	**ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (, (161 CY)**	
	Awd	$200.00	$32,200.00
	2	$330.00	$53,130.00
	3	$390.00	$62,790.00
	4	$335.00	$53,935.00
Ref #46	**442E22400**	**ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE , (188 CY)**	
	Awd	$165.00	$31,020.00
	2	$250.00	$47,000.00
	3	$310.00	$58,280.00
	4	$278.00	$52,264.00
Ref #47	**452E14120**	**11" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P , (990 SY)**	
	Awd	$105.00	$103,950.00
	2	$100.00	$99,000.00
	3	$190.00	$188,100.00
	4	$103.00	$101,970.00

Ref #48	**617E10101**	**COMPACTED AGGREGATE, AS PER PLAN, (17 CY)**	
	Awd	$156.00	$2,652.00
	2	$125.00	$2,125.00
	3	$200.00	$3,400.00
	4	$210.00	$3,570.00
Ref #49	**690E12060**	**SPECIAL - PAVEMENT OVERLAY FABRIC COMPOSITE, (312 SY)**	
	Awd	$38.00	$11,856.00
	2	$36.00	$11,232.00
	3	$45.00	$14,040.00
	4	$38.00	$11,856.00

Section 4 - PAVEMENT - Totals

Awd	**$268,358.00**
2	**$304,510.50**
3	**$451,882.14**
4	**$321,012.00**

Ref #50	**625E00480**	**CONNECTION, UNFUSED PERMANENT, (12 EACH)**	
	Awd	$267.00	$3,204.00
	2	$250.00	$3,000.00
	3	$216.00	$2,592.00
	4	$188.00	$2,256.00
Ref #51	**625E75400**	**LIGHT POLE REMOVED, (2 EACH)**	
	Awd	$534.00	$1,068.00
	2	$500.00	$1,000.00
	3	$325.00	$650.00
	4	$842.00	$1,684.00
Ref #52	**625E75500**	**LIGHT POLE FOUNDATION REMOVED, (2 EACH)**	
	Awd	$534.00	$1,068.00
	2	$500.00	$1,000.00
	3	$225.00	$450.00
	4	$290.00	$580.00
Ref #53	**625E75506**	**LUMINAIRE REMOVED, (4 EACH)**	
	Awd	$27.00	$108.00
	2	$25.00	$100.00
	3	$100.00	$400.00
	4	$112.00	$448.00
Ref #54	**625E75800**	**DISCONNECT CIRCUIT, (4 EACH)**	
	Awd	$534.00	$2,136.00
	2	$500.00	$2,000.00
	3	$90.00	$360.00
	4	$450.00	$1,800.00

Section 5 - LIGHTING - Totals

Awd	**$7,584.00**
2	**$7,100.00**
3	**$4,452.00**
4	**$6,768.00**

Ref #55	**621E00100**	**RPM, (91 EACH)**	
	Awd	$85.00	$7,735.00
	2	$79.55	$7,239.05
	3	$79.55	$7,239.05
	4	$82.00	$7,462.00
Ref #56	**621E54000**	**RAISED PAVEMENT MARKER REMOVED, (12 EACH)**	
	Awd	$22.00	$264.00
	2	$14.00	$168.00
	3	$8.53	$102.36
	4	$31.00	$372.00
Ref #57	**626E00110**	**BARRIER REFLECTOR, TYPE 2, (1WAY), (8 EACH)**	
	Awd	$11.00	$88.00
	2	$11.50	$92.00
	3	$11.62	$92.96
	4	$11.00	$88.00
Ref #58	**630E03100**	**GROUND MOUNTED SUPPORT, NO. 3 POST, (346 FT)**	
	Awd	$14.00	$4,844.00
	2	$13.00	$4,498.00
	3	$17.00	$5,882.00
	4	$14.00	$4,844.00
Ref #59	**630E08600**	**SIGN POST REFLECTOR, (16 EACH)**	
	Awd	$48.00	$768.00
	2	$45.00	$720.00
	3	$50.00	$800.00
	4	$47.00	$752.00
Ref #60	**630E75000**	**SIGN ATTACHMENT ASSEMBLY, (8 EACH)**	
	Awd	$1,325.00	$10,600.00
	2	$1,240.00	$9,920.00
	3	$1,240.00	$9,920.00
	4	$1,302.00	$10,416.00
Ref #61	**630E79200**	**SIGN ATTACHMENT ASSEMBLY, MAST ARM, (4 EACH)**	
	Awd	$690.00	$2,760.00
	2	$645.00	$2,580.00
	3	$645.00	$2,580.00
	4	$677.00	$2,708.00
Ref #62	**630E80100**	**SIGN, FLAT SHEET, (250.5 SF)**	
	Awd	$17.00	$4,258.50
	2	$16.00	$4,008.00
	3	$32.00	$8,016.00
	4	$17.00	$4,258.50
Ref #63	**630E80224**	**SIGN, OVERHEAD EXTRUSHEET, (210 SF)**	
	Awd	$24.00	$5,040.00
	2	$22.40	$4,704.00
	3	$40.00	$8,400.00
	4	$24.00	$5,040.00
Ref #64	**630E84900**	**REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL, (24 EACH)**	
	Awd	$11.00	$264.00
	2	$10.00	$240.00
	3	$25.00	$600.00
	4	$11.00	$264.00

Ref #65	**630E85100**	**REMOVAL OF GROUND MOUNTED SIGN AND REERECTION, (4 EACH)**	
	Awd	$70.00	$280.00
	2	$65.00	$260.00
	3	$85.00	$340.00
	4	$68.00	$272.00
Ref #66	**630E86002**	**REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSA, (20 EACH)**	
	Awd	$16.00	$320.00
	2	$15.00	$300.00
	3	$30.00	$600.00
	4	$16.00	$320.00
Ref #67	**630E87400**	**REMOVAL OF OVERHEAD MOUNTED SIGN AND DISPOSAL, (4 EACH)**	
	Awd	$144.00	$576.00
	2	$135.00	$540.00
	3	$250.00	$1,000.00
	4	$142.00	$568.00
Ref #68	**630E89703**	**REMOVAL OF OVERHEAD SIGN SUPPORT AND DISPOSAL, AS , (2 EACH)**	
	Awd	$1,540.00	$3,080.00
	2	$1,440.00	$2,880.00
	3	$2,091.88	$4,183.76
	4	$1,512.00	$3,024.00
Ref #69	**646E10000**	**EDGE LINE, 4", (0.7 MILE)**	
	Awd	$6,310.00	$4,417.00
	2	$5,905.00	$4,133.50
	3	$5,905.00	$4,133.50
	4	$4,200.00	$2,940.00
Ref #70	**646E10010**	**EDGE LINE, 6", (0.39 MILE)**	
	Awd	$8,615.00	$3,359.85
	2	$8,065.00	$3,145.35
	3	$8,065.00	$3,145.35
	4	$6,300.00	$2,457.00
Ref #71	**646E10100**	**LANE LINE, 4", (0.35 MILE)**	
	Awd	$3,500.00	$1,225.00
	2	$3,255.00	$1,139.25
	3	$3,255.00	$1,139.25
	4	$3,150.00	$1,102.50
Ref #72	**646E10300**	**CHANNELIZING LINE, 8", (504 FT)**	
	Awd	$2.00	$1,008.00
	2	$2.00	$1,008.00
	3	$2.00	$1,008.00
	4	$3.00	$1,512.00
Ref #73	**646E10310**	**CHANNELIZING LINE, 12", (696 FT)**	
	Awd	$3.00	$2,088.00
	2	$3.00	$2,088.00
	3	$3.00	$2,088.00
	4	$4.00	$2,784.00
Ref #74	**646E10400**	**STOP LINE, (228 FT)**	
	Awd	$13.00	$2,964.00
	2	$12.50	$2,850.00
	3	$12.50	$2,850.00
	4	$16.00	$3,648.00

Ref #75	**646E20300**	**LANE ARROW, (22 EACH)**	
	Awd	$214.00	$4,708.00
	2	$200.00	$4,400.00
	3	$200.00	$4,400.00
	4	$263.00	$5,786.00
Ref #76	**646E20320**	**WRONG WAY ARROW, (2 EACH)**	
	Awd	$534.00	$1,068.00
	2	$500.00	$1,000.00
	3	$500.00	$1,000.00
	4	$368.00	$736.00

Section 6 - TRAFFIC CONTROL - Totals

Awd	**$61,715.35**
2	**$57,913.15**
3	**$69,520.23**
4	**$61,354.00**

Ref #77	**625E18400**	**BRACKET ARM, 20', (4 EACH)**	
	Awd	$1,280.00	$5,120.00
	2	$1,200.00	$4,800.00
	3	$1,300.00	$5,200.00
	4	$1,450.00	$5,800.00
Ref #78	**625E25400**	**CONDUIT, 2", 725.04, (134 FT)**	
	Awd	$27.00	$3,618.00
	2	$25.00	$3,350.00
	3	$23.00	$3,082.00
	4	$18.00	$2,412.00
Ref #79	**625E25500**	**CONDUIT, 3", 725.04, (144 FT)**	
	Awd	$32.00	$4,608.00
	2	$30.00	$4,320.00
	3	$39.00	$5,616.00
	4	$40.00	$5,760.00
Ref #80	**625E25902**	**CONDUIT, JACKED OR DRILLED, 725.04, 4", (1257 FT)**	
	Awd	$64.00	$80,448.00
	2	$61.00	$76,677.00
	3	$57.00	$71,649.00
	4	$62.00	$77,934.00
Ref #81	**625E26253**	**LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER, (4 EACH)**	
	Awd	$694.00	$2,776.00
	2	$650.00	$2,600.00
	3	$540.00	$2,160.00
	4	$766.00	$3,064.00
Ref #82	**625E29000**	**TRENCH, (182 FT)**	
	Awd	$11.00	$2,002.00
	2	$10.00	$1,820.00
	3	$12.00	$2,184.00
	4	$15.00	$2,730.00
Ref #83	**625E30700**	**PULL BOX, 725.08, 18", (12 EACH)**	
	Awd	$1,300.00	$15,600.00
	2	$1,250.00	$15,000.00
	3	$1,150.00	$13,800.00
	4	$710.00	$8,520.00

Ref #84	**625E30706**	**PULL BOX, 725.08, 24", (2 EACH)**	
	Awd	$1,600.00	$3,200.00
	2	$1,550.00	$3,100.00
	3	$1,250.00	$2,500.00
	4	$1,024.00	$2,048.00
Ref #85	**625E32000**	**GROUND ROD, (12 EACH)**	
	Awd	$320.00	$3,840.00
	2	$300.00	$3,600.00
	3	$345.00	$4,140.00
	4	$471.00	$5,652.00
Ref #86	**625E36011**	**UNDERGROUND WARNING/MARKING TAPE, AS PER PLAN, (182 FT)**	
	Awd	$1.00	$182.00
	2	$0.50	$91.00
	3	$3.00	$546.00
	4	$1.00	$182.00
Ref #87	**625E76000**	**ARC FLASH CALCULATIONS AND LABEL, IR-76 EB RAMPS A, (1 EACH)**	
	Awd	$534.00	$534.00
	2	$500.00	$500.00
	3	$350.00	$350.00
	4	$2,100.00	$2,100.00
Ref #88	**625E76000**	**ARC FLASH CALCULATIONS AND LABEL, IR-76 WB RAMPS A, (1 EACH)**	
	Awd	$534.00	$534.00
	2	$500.00	$500.00
	3	$350.00	$350.00
	4	$2,100.00	$2,100.00
Ref #89	**632E05006**	**VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS,, (18 EACH)**	
	Awd	$1,015.00	$18,270.00
	2	$950.00	$17,100.00
	3	$1,200.00	$21,600.00
	4	$1,023.00	$18,414.00
Ref #90	**632E05086**	**VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS,, (2 EACH)**	
	Awd	$1,710.00	$3,420.00
	2	$1,600.00	$3,200.00
	3	$1,950.00	$3,900.00
	4	$1,737.00	$3,474.00
Ref #91	**632E25000**	**COVERING OF VEHICULAR SIGNAL HEAD, (20 EACH)**	
	Awd	$38.00	$760.00
	2	$35.00	$700.00
	3	$50.00	$1,000.00
	4	$56.00	$1,120.00
Ref #92	**632E40700**	**SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG, (2393 FT)**	
	Awd	$4.00	$9,572.00
	2	$4.00	$9,572.00
	3	$4.00	$9,572.00
	4	$3.00	$7,179.00
Ref #93	**632E42400**	**SIGNAL CABLE, 4 CONDUCTOR, NO. 12 AWG, (1091 FT)**	
	Awd	$4.00	$4,364.00
	2	$3.50	$3,818.50
	3	$5.00	$5,455.00
	4	$4.00	$4,364.00

Ref #94	**632E64010**	**SIGNAL SUPPORT FOUNDATION, (4 EACH)**	
	Awd	$7,000.00	$28,000.00
	2	$7,000.00	$28,000.00
	3	$11,374.00	$45,496.00
	4	$7,026.00	$28,104.00
Ref #95	**632E64020**	**PEDESTAL FOUNDATION, (4 EACH)**	
	Awd	$1,600.00	$6,400.00
	2	$1,500.00	$6,000.00
	3	$1,550.00	$6,200.00
	4	$981.00	$3,924.00
Ref #96	**632E68300**	**POWER CABLE, 3 CONDUCTOR, NO. 6 AWG, (162 FT)**	
	Awd	$7.00	$1,134.00
	2	$6.00	$972.00
	3	$8.00	$1,296.00
	4	$5.00	$810.00
Ref #97	**632E70001**	**POWER SERVICE, AS PER PLAN, (2 EACH)**	
	Awd	$2,700.00	$5,400.00
	2	$3,000.00	$6,000.00
	3	$4,450.00	$8,900.00
	4	$3,929.00	$7,858.00
Ref #98	**632E78245**	**COMBINATION SIGNAL SUPPORT, TYPE TC-12.31 DESIGN 6, (2 EACH)**	
	Awd	$27,000.00	$54,000.00
	2	$26,000.00	$52,000.00
	3	$26,000.00	$52,000.00
	4	$33,748.00	$67,496.00
Ref #99	**632E79140**	**COMBINATION SIGNAL SUPPORT, TYPE TC-81.22, DESIGN , (2 EACH)**	
	Awd	$20,300.00	$40,600.00
	2	$19,500.00	$39,000.00
	3	$19,719.00	$39,438.00
	4	$25,467.00	$50,934.00
Ref #100	**632E89300**	**WOOD POLE, (1 EACH)**	
	Awd	$1,600.00	$1,600.00
	2	$2,000.00	$2,000.00
	3	$900.00	$900.00
	4	$1,899.00	$1,899.00
Ref #101	**632E90010**	**PEDESTAL, MISC.: 21', TRANSFORMER BASE, (4 EACH)**	
	Awd	$2,350.00	$9,400.00
	2	$2,200.00	$8,800.00
	3	$2,221.00	$8,884.00
	4	$1,342.00	$5,368.00
Ref #102	**633E65511**	**CABINET, TYPE TS-2, AS PER PLAN, (2 EACH)**	
	Awd	$16,500.00	$33,000.00
	2	$16,000.00	$32,000.00
	3	$15,190.00	$30,380.00
	4	$19,832.00	$39,664.00
Ref #103	**633E67101**	**CABINET FOUNDATION, AS PER PLAN, (2 EACH)**	
	Awd	$2,100.00	$4,200.00
	2	$2,500.00	$5,000.00
	3	$1,600.00	$3,200.00
	4	$2,447.00	$4,894.00

Ref #104	**633E67201**	**CONTROLLER WORK PAD, AS PER PLAN, (2 EACH)**	
	Awd	$1,600.00	$3,200.00
	2	$1,500.00	$3,000.00
	3	$300.00	$600.00
	4	$542.00	$1,084.00
Ref #105	**633E68511**	**COMMUNICATIONS, AS PER PLAN, (2 EACH)**	
	Awd	$2,700.00	$5,400.00
	2	$3,000.00	$6,000.00
	3	$2,500.00	$5,000.00
	4	$3,441.00	$6,882.00
Ref #106	**633E75001**	**UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS , (2 EACH)**	
	Awd	$6,600.00	$13,200.00
	2	$6,200.00	$12,400.00
	3	$6,395.00	$12,790.00
	4	$7,378.00	$14,756.00
Ref #107	**809E69001**	**ADVANCE RADAR DETECTION, AS PER PLAN, (6 EACH)**	
	Awd	$8,800.00	$52,800.00
	2	$8,500.00	$51,000.00
	3	$9,225.00	$55,350.00
	4	$10,813.00	$64,878.00
Ref #108	**809E69101**	**STOP LINE RADAR DETECTION, AS PER PLAN, (4 EACH)**	
	Awd	$8,600.00	$34,400.00
	2	$8,250.00	$33,000.00
	3	$8,555.00	$34,220.00
	4	$10,392.00	$41,568.00
Ref #109	**809E69123**	**ATC CONTROLLER, AS PER PLAN, (2 EACH)**	
	Awd	$4,300.00	$8,600.00
	2	$4,000.00	$8,000.00
	3	$4,500.00	$9,000.00
	4	$5,494.00	$10,988.00

Section 7 - TRAFFIC SIGNALS - Totals

Awd	**$460,182.00**
2	**$443,920.50**
3	**$466,758.00**
4	**$503,960.00**

Ref #110	**410E12000**	**TRAFFIC COMPACTED SURFACE, TYPE A OR B, (50 CY)**	
	Awd	$54.00	$2,700.00
	2	$50.00	$2,500.00
	3	$57.00	$2,850.00
	4	$86.00	$4,300.00
Ref #111	**410E13000**	**TRAFFIC COMPACTED SURFACE, TYPE C, (50 CY)**	
	Awd	$32.00	$1,600.00
	2	$50.00	$2,500.00
	3	$57.00	$2,850.00
	4	$84.00	$4,200.00
Ref #112	**614E11110**	**LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSIST, (160 HOUR)**	
	Awd	$80.00	$12,800.00
	2	$60.00	$9,600.00
	3	$80.00	$12,800.00
	4	$68.00	$10,880.00

Ref #113	**614E11630**	**INCREASED BARRIER DELINEATION, (1068 FT)**	
	Awd	$1.00	$1,068.00
	2	$3.50	$3,738.00
	3	$3.50	$3,738.00
	4	$5.00	$5,340.00
Ref #114	**614E12380**	**WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (UN, (2 EACH)**	
	Awd	$2,400.00	$4,800.00
	2	$2,250.00	$4,500.00
	3	$2,250.00	$4,500.00
	4	$2,352.00	$4,704.00
Ref #115	**614E12384**	**WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (BI, (4 EACH)**	
	Awd	$2,400.00	$9,600.00
	2	$2,350.00	$9,400.00
	3	$2,350.00	$9,400.00
	4	$2,394.00	$9,576.00
Ref #116	**614E13000**	**ASPHALT CONCRETE FOR MAINTAINING TRAFFIC, (50 CY)**	
	Awd	$120.00	$6,000.00
	2	$150.00	$7,500.00
	3	$250.00	$12,500.00
	4	$292.00	$14,600.00
Ref #117	**614E13310**	**BARRIER REFLECTOR, TYPE 1, (1WAY), (38 EACH)**	
	Awd	$12.00	$456.00
	2	$13.00	$494.00
	3	$13.00	$494.00
	4	$19.00	$722.00
Ref #118	**614E13350**	**OBJECT MARKER, ONE WAY, (38 EACH)**	
	Awd	$17.00	$646.00
	2	$17.00	$646.00
	3	$17.00	$646.00
	4	$24.00	$912.00
Ref #119	**614E18601**	**PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN, (18 SNMT)**	
	Awd	$842.00	$15,156.00
	2	$500.00	$9,000.00
	3	$1,050.00	$18,900.00
	4	$893.00	$16,074.00
Ref #120	**614E20550**	**WORK ZONE LANE LINE, CLASS III, 4", 642 PAINT, (0.35 MILE)**	
	Awd	$1,700.00	$595.00
	2	$1,575.00	$551.25
	3	$1,575.00	$551.25
	4	$2,233.00	$781.55
Ref #121	**614E22100**	**WORK ZONE EDGE LINE, CLASS I, 4", 642 PAINT, (0.21 MILE)**	
	Awd	$9,300.00	$1,953.00
	2	$8,690.00	$1,824.90
	3	$8,690.00	$1,824.90
	4	$12,319.00	$2,586.99
Ref #122	**614E22200**	**WORK ZONE EDGE LINE, CLASS I, 4", 740.06, TYPE I, (0.4 MILE)**	
	Awd	$7,300.00	$2,920.00
	2	$6,800.00	$2,720.00
	3	$6,800.00	$2,720.00
	4	$9,639.00	$3,855.60

Ref #123	**614E22210**	**WORK ZONE EDGE LINE, CLASS I, 6", 740.06, TYPE I, (0.48 MILE)**	
	Awd	$9,900.00	$4,752.00
	2	$9,200.00	$4,416.00
	3	$9,200.00	$4,416.00
	4	$13,041.00	$6,259.68
Ref #124	**614E22350**	**WORK ZONE EDGE LINE, CLASS III, 4", 642 PAINT, (0.7 MILE)**	
	Awd	$2,300.00	$1,610.00
	2	$2,130.00	$1,491.00
	3	$2,130.00	$1,491.00
	4	$3,020.00	$2,114.00
Ref #125	**614E22360**	**WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT, (0.39 MILE)**	
	Awd	$2,700.00	$1,053.00
	2	$2,500.00	$975.00
	3	$2,500.00	$975.00
	4	$3,544.00	$1,382.16
Ref #126	**614E23200**	**WORK ZONE CHANNELIZING LINE, CLASS I, 8", 642 PAIN, (442 FT)**	
	Awd	$1.00	$442.00
	2	$1.05	$464.10
	3	$1.05	$464.10
	4	$1.00	$442.00
Ref #127	**614E23400**	**WORK ZONE CHANNELIZING LINE, CLASS I, 8", 740.06, , (909 FT)**	
	Awd	$3.00	$2,727.00
	2	$2.90	$2,636.10
	3	$2.90	$2,636.10
	4	$4.00	$3,636.00
Ref #128	**614E23680**	**WORK ZONE CHANNELIZING LINE, CLASS III, 8", 642 PA, (504 FT)**	
	Awd	$1.00	$504.00
	2	$1.00	$504.00
	3	$1.00	$504.00
	4	$1.00	$504.00
Ref #129	**614E23690**	**WORK ZONE CHANNELIZING LINE, CLASS III, 12", 642 P, (696 FT)**	
	Awd	$1.00	$696.00
	2	$1.10	$765.60
	3	$1.10	$765.60
	4	$2.00	$1,392.00
Ref #130	**614E26610**	**WORK ZONE STOP LINE, CLASS III, 642 PAINT, (228 FT)**	
	Awd	$4.00	$912.00
	2	$3.50	$798.00
	3	$3.50	$798.00
	4	$5.00	$1,140.00
Ref #131	**616E10000**	**WATER, (29 MGAL)**	
	Awd	$79.00	$2,291.00
	2	$5.00	$145.00
	3	$102.00	$2,958.00
	4	$48.00	$1,392.00
Ref #132	**622E41100**	**PORTABLE BARRIER, UNANCHORED, (2640 FT)**	
	Awd	$6.00	$15,840.00
	2	$10.00	$26,400.00
	3	$20.00	$52,800.00
	4	$60.00	$158,400.00

Section 8 - MAINTENANCE OF TRAFFIC - Totals

Awd	**$91,121.00**
2	**$93,568.95**
3	**$141,581.95**
4	**$255,193.98**

Ref #133	**103E05000**	**PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYM, (LUMP SUM)**	
	Awd	$7,000.00	$7,000.00
	2	$24,577.90	$24,577.90
	3	$4,300.00	$4,300.00
	4	$15,000.00	$15,000.00
Ref #134	**614E11000**	**MAINTAINING TRAFFIC, (LUMP SUM)**	
	Awd	$11,500.00	$11,500.00
	2	$75,000.00	$75,000.00
	3	$48,350.00	$48,350.00
	4	$125,000.00	$125,000.00
Ref #135	**619E16010**	**FIELD OFFICE, TYPE B, (9 MNTH)**	
	Awd	$2,400.00	$21,600.00
	2	$1,500.00	$13,500.00
	3	$3,000.00	$27,000.00
	4	$2,200.00	$19,800.00
Ref #136	**623E10000**	**CONSTRUCTION LAYOUT STAKES AND SURVEYING, (LUMP SUM)**	
	Awd	$6,000.00	$6,000.00
	2	$20,000.00	$20,000.00
	3	$20,000.00	$20,000.00
	4	$22,000.00	$22,000.00
Ref #137	**624E10000**	**MOBILIZATION, (LUMP SUM)**	
	Awd	$40,000.00	$40,000.00
	2	$40,000.00	$40,000.00
	3	$40,000.00	$40,000.00
	4	$105,000.00	$105,000.00

Section 9 - INCIDENTALS - Totals

Awd	**$86,100.00**
2	**$173,077.90**
3	**$139,650.00**
4	**$286,800.00**