

Colorado Department Of Transportation

Printed On: 07/10/2020

Low Bid Summary

Page 1 of 1

Letting Date: June 18, 2020

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Call Order	Contract ID	Project(s)	# of Bids	Low Bidder	Estimated Cost	Corrected Bid	Percent of Estimate	Overrun (+) Underrun (-)
001	C22168	SHE016A-043	5	MAIN ELECTRIC LTD	\$1,800,000.00	\$1,409,599.14	78.31%	-\$390,400.86
Letting Totals			5		\$1,800,000.00	\$1,409,599.14	78.31%	-\$390,400.86

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Colorado Department Of Transportation  
Vendor Ranking

Printed On: 07/10/2020

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Contract ID: C22168

Contract Description:

SH 21 (POWERS BLVD) & ASTROZON BLVD, SH 21 (POWERS BLVD) & HANCOCK EXPY,  
and SH 16 (MESA RIDGE PKWY) & SNEFFELS ST, EL PASO COUNTY

This project will be replacing two signals and installing a new signal within El Paso County. The signal replacements are at the following intersections of SH 21 (Powers Blvd) at Astrozon Blvd and Hancock Expy in Colorado Springs. The new signal install will be at SH 16 (Mesa Ridge Pkwy) and Sneffels St intersection in Fountain. Included in the work, but not limited to, will include replacement of existing ADA curb ramps, sidewalks, curb and gutter work, and minor intersection improvements.

Rank	Vendor ID	Vendor Name	Total Bid	Percent Of Low Bid	Percent Of Estimate
1	178A	MAIN ELECTRIC LTD	\$1,409,599.14	100.00%	78.31%
2	1476A	MORTON ELECTRIC, INC.	\$1,534,728.82	108.88%	85.26%
3	720A	STURGEON ELECTRIC COMPANY, INC.	\$1,668,910.00	118.40%	92.72%
4	1507A	PAONIA, INC dba PAONIA, LLC	\$1,695,921.94	120.31%	94.22%
5	697A	W.L. CONTRACTORS, INC.	\$1,769,682.80	125.55%	98.32%
0	-EST-	Engineer's Estimate	\$1,800,000.00	127.70%	100.00%

Tabulation of Bids

Contract ID: C22168

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 178A MAIN ELECTRIC LTD		(2) 1476A MORTON ELECTRIC, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001 Bid Items					<b>LCC:</b>		
201-00000	Clearing and Grubbing	1.000 L S	21,000.00000	21,000.00	2,541.00000	2,541.00	1,500.00000	1,500.00
202-00090	Removal of Delineator	12.000 EACH	10.00000	120.00	22.58000	270.96	5.50000	66.00
202-00195	Removal of Median Cover	108.000 SY	50.00000	5,400.00	20.79000	2,245.32	40.00000	4,320.00
202-00200	Removal of Sidewalk	13.000 SY	50.00000	650.00	20.77000	270.01	55.00000	715.00
202-00203	Removal of Curb and Gutter	272.000 LF	15.00000	4,080.00	11.55000	3,141.60	9.00000	2,448.00
202-00206	Removal of Concrete Curb Ramp	111.000 SY	35.00000	3,885.00	20.79000	2,307.69	72.00000	7,992.00
202-00207	Removal of Brick Pavers	3.000 SY	50.00000	150.00	29.00000	87.00	55.00000	165.00
202-00220	Removal of Asphalt Mat	233.000 SY	25.00000	5,825.00	31.19000	7,267.27	33.00000	7,689.00
202-00250	Removal of Pavement Marking	10,467.000 SF	3.00000	31,401.00	2.20000	23,027.40	2.10000	21,980.70
202-00700	Removal of Light Standard	1.000 EACH	800.00000	800.00	835.00000	835.00	575.00000	575.00
202-00810	Removal of Ground Sign	6.000 EACH	110.00000	660.00	98.17000	589.02	75.00000	450.00
202-00828	Removal of Traffic Signal Equipment	1.000 L S	15,000.00000	15,000.00	21,656.00000	21,656.00	24,000.00000	24,000.00
202-00858	Removal of Pedestal Pole	3.000 EACH	1,100.00000	3,300.00	495.67000	1,487.01	500.00000	1,500.00
202-05026	Sawing Asphalt Material (6 Inch)	682.000 LF	6.00000	4,092.00	3.47000	2,366.54	8.80000	6,001.60
203-01597	Potholing	175.000 HOUR	250.00000	43,750.00	175.00000	30,625.00	185.00000	32,375.00
208-00002	Erosion Log Type 1 (12 Inch)	250.000 LF	8.00000	2,000.00	5.01000	1,252.50	5.00000	1,250.00

Tabulation of Bids

Contract ID: C22168

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 178A MAIN ELECTRIC LTD		(2) 1476A MORTON ELECTRIC, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001 Bid Items							
					<b>LCC:</b>			
208-00035	Aggregate Bag	60.000 LF	10.00000	600.00	11.77800	706.68	11.00000	660.00
208-00045	Concrete Washout Structure	1.000 EACH	2,000.00000	2,000.00	223.00000	223.00	400.00000	400.00
208-00051	Storm Drain Inlet Protection (Type I)	160.000 LF	35.00000	5,600.00	10.20000	1,632.00	12.00000	1,920.00
208-00106	Sweeping (Sediment Removal)	40.000 HOUR	150.00000	6,000.00	104.10000	4,164.00	129.00000	5,160.00
210-00476	Reset Microwave Vehicle Radar Detector (MVRD)	8.000 EACH	16,000.00000	128,000.00	350.00000	2,800.00	440.00000	3,520.00
210-00479	Reset Radio Communication Antenna	2.000 EACH	1,000.00000	2,000.00	338.50000	677.00	440.00000	880.00
210-00810	Reset Ground Sign	8.000 EACH	320.00000	2,560.00	593.00000	4,744.00	300.00000	2,400.00
210-00815	Reset Sign Panel	8.000 EACH	180.00000	1,440.00	173.25000	1,386.00	225.00000	1,800.00
210-00855	Reset Traffic Signal Controller Cabinet	2.000 EACH	2,000.00000	4,000.00	266.00000	532.00	3,800.00000	7,600.00
212-00006	Seeding (Native)	0.420 ACRE	5,000.00000	2,100.00	1,371.43000	576.00	1,306.00000	548.52
212-00032	Soil Conditioning	0.420 ACRE	10,000.00000	4,200.00	5,433.33000	2,282.00	5,175.00000	2,173.50
213-00012	Spray-on Mulch Blanket	0.420 ACRE	5,200.00000	2,184.00	6,807.14000	2,859.00	6,480.00000	2,721.60
217-00000	Herbicide Treatment	199.000 SY	6.00000	1,194.00	6.63000	1,319.37	3.50000	696.50
403-00720	Hot Mix Asphalt (Patching) (Asphalt)	15.100 TON	500.00000	7,550.00	346.49000	5,232.00	368.50000	5,564.35
503-00024	Drilled Shaft (24 Inch)	60.000 LF	300.00000	18,000.00	275.50000	16,530.00	350.00000	21,000.00

Tabulation of Bids

Contract ID: C22168

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 178A MAIN ELECTRIC LTD		(2) 1476A MORTON ELECTRIC, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001 Bid Items				<b>LCC:</b>			
503-00048	Drilled Shaft (48 Inch)	126.000 LF	650.00000	81,900.00	310.23000	39,088.98	450.00000	56,700.00
503-00054	Drilled Shaft (54 Inch)	126.000 LF	700.00000	88,200.00	396.85000	50,003.10	550.00000	69,300.00
607-11580	Fence (Temporary)	60.000 LF	12.00000	720.00	4.54000	272.40	5.00000	300.00
608-00000	Concrete Sidewalk	112.000 SY	87.35000	9,783.20	96.16000	10,769.92	173.00000	19,376.00
608-00010	Concrete Curb Ramp	101.000 SY	180.00000	18,180.00	150.16000	15,166.16	215.00000	21,715.00
608-00015	Detectable Warnings	16.000 SF	80.00000	1,280.00	115.50000	1,848.00	27.00000	432.00
609-21011	Curb and Gutter Type 2 (Section I-M)	67.000 LF	40.00000	2,680.00	45.07000	3,019.69	32.00000	2,144.00
609-21020	Curb and Gutter Type 2 (Section II-B)	503.000 LF	50.00000	25,150.00	45.05000	22,660.15	36.00000	18,108.00
610-00020	Median Cover Material (Patterned Concrete)	1,798.000 SF	18.00000	32,364.00	20.79000	37,380.42	18.00000	32,364.00
612-00001	Delineator (Type I)	31.000 EACH	25.00000	775.00	18.48000	572.88	20.00000	620.00
612-00002	Delineator (Type II)	8.000 EACH	40.00000	320.00	20.75000	166.00	22.00000	176.00
613-00206	2 Inch Electrical Conduit (Bored)	7,364.000 LF	20.00000	147,280.00	11.55000	85,054.20	11.00000	81,004.00
613-00306	3 Inch Electrical Conduit (Bored)	3,134.000 LF	15.00000	47,010.00	11.55000	36,197.70	13.20000	41,368.80
613-01200	2 Inch Electrical Conduit (Plastic)	250.000 LF	18.00000	4,500.00	11.10000	2,775.00	13.00000	3,250.00
613-01300	3 Inch Electrical Conduit (Plastic)	260.000 LF	17.00000	4,420.00	12.34000	3,208.40	17.00000	4,420.00
613-07001	Type One Pull Box	8.000 EACH	900.00000	7,200.00	630.50000	5,044.00	392.00000	3,136.00

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			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001 Bid Items				<b>LCC:</b>			
613-07002	Type Two Pull Box	8.000 EACH	800.00000	6,400.00	898.25000	7,186.00	525.50000	4,204.00
613-07003	Type Three Pull Box	9.000 EACH	780.00000	7,020.00	1,239.00000	11,151.00	719.25000	6,473.25
613-07004	Type Four Pull Box	1.000 EACH	950.00000	950.00	1,608.00000	1,608.00	955.00000	955.00
613-07005	Type Five Pull Box	6.000 EACH	2,200.00000	13,200.00	2,056.00000	12,336.00	1,156.25000	6,937.50
613-10000	Wiring	1.000 L S	30,000.00000	30,000.00	44,190.00000	44,190.00	27,000.00000	27,000.00
613-13008	Luminaire (LED) (8,000 Lumens)	4.000 EACH	1,000.00000	4,000.00	965.50000	3,862.00	925.00000	3,700.00
613-20200	Luminaire (Install Only)	8.000 EACH	300.00000	2,400.00	232.25000	1,858.00	400.00000	3,200.00
613-50150	Secondary Service Pedestal	3.000 EACH	5,000.00000	15,000.00	4,240.00000	12,720.00	3,800.00000	11,400.00
614-00011	Sign Panel (Class I)	274.000 SF	25.00000	6,850.00	21.95000	6,014.30	30.00000	8,220.00
614-00012	Sign Panel (Class II)	41.000 SF	30.00000	1,230.00	25.41000	1,041.81	32.00000	1,312.00
614-00014	Lighted Street Name Sign (Inst Only)	8.000 EACH	920.00000	7,360.00	76.75000	614.00	600.00000	4,800.00
614-01573	Steel Sign Support (2-1/2 Inch Round NP-40)(Post & Slipbase)	12.000 EACH	412.00000	4,944.00	456.25000	5,475.00	440.00000	5,280.00
614-70150	Pedestrian Signal Face (16) (Countdown)	24.000 EACH	650.00000	15,600.00	403.21000	9,677.04	530.00000	12,720.00
614-70336	Traffic Signal Face (12-12-12)	39.000 EACH	750.00000	29,250.00	811.69000	31,655.91	725.00000	28,275.00
614-70448	Traffic Signal Face (12-12-12-12)	22.000 EACH	800.00000	17,600.00	925.68000	20,364.96	800.00000	17,600.00

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			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001 Bid Items				<b>LCC:</b>			
614-72855	Traffic Signal Controller Cabinet	3.000 EACH	21,000.00000	63,000.00	23,881.00000	71,643.00	25,975.00000	77,925.00
614-72860	Pedestrian Push Button	24.000 EACH	618.00000	14,832.00	1,171.83000	28,123.92	1,421.25000	34,110.00
614-72895	Vehicle Detection System (Single Camera)	1.000 EACH	10,000.00000	10,000.00	6,223.00000	6,223.00	5,000.00000	5,000.00
614-72896	Intersection Detection System (Camera)(Install Only)	8.000 EACH	1,500.00000	12,000.00	232.25000	1,858.00	1,400.00000	11,200.00
614-80000	Flashing Beacon	6.000 EACH	1,700.00000	10,200.00	2,209.50000	13,257.00	2,922.25000	17,533.50
614-81155	Traffic Signal-Light Pole Steel (1-55 Foot Mast Arm)	1.000 EACH	20,000.00000	20,000.00	20,080.00000	20,080.00	15,993.00000	15,993.00
614-81165	Traffic Signal-Light Pole Steel (1-65 Foot Mast Arm)	5.000 EACH	24,000.00000	120,000.00	24,220.00000	121,100.00	23,523.00000	117,615.00
614-81170	Traffic Signal-Light Pole Steel (1-70 Foot Mast Arm)	1.000 EACH	27,500.00000	27,500.00	27,095.00000	27,095.00	25,374.00000	25,374.00
614-81175	Traffic Signal-Light Pole Steel (1-75 Foot Mast Arm)	5.000 EACH	30,000.00000	150,000.00	27,548.00000	137,740.00	25,499.00000	127,495.00
614-84000	Traffic Signal Pedestal Pole Steel	12.000 EACH	3,000.00000	36,000.00	955.75000	11,469.00	2,000.00000	24,000.00
614-87006	Fiber Optic Termination Panel (6 Fiber)	2.000 EACH	700.00000	1,400.00	597.00000	1,194.00	569.00000	1,138.00
614-87010	Fiber Optic Cable (Single Mode) (12 Fiber)	175.000 LF	7.00000	1,225.00	10.21000	1,786.75	10.00000	1,750.00
614-87012	Fiber Optic Termination Panel (12 Fiber)	1.000 EACH	1,400.00000	1,400.00	796.00000	796.00	758.00000	758.00
614-87320	Closed Circuit Television	1.000 EACH	5,000.00000	5,000.00	5,170.00000	5,170.00	6,000.00000	6,000.00

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			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001 Bid Items					<b>LCC:</b>		
614-87321	Closed Circuit Television (Install Only)	2.000 EACH	2,000.00000	4,000.00	928.00000	1,856.00	2,200.00000	4,400.00
614-87350	Test Fiber Optic Cable	1.000 L S	4,500.00000	4,500.00	4,738.00000	4,738.00	4,510.00000	4,510.00
614-87512	Splice Fiber Optic Cable (12 Strand)	1.000 EACH	3,000.00000	3,000.00	1,617.00000	1,617.00	1,539.00000	1,539.00
614-87612	Terminate Fiber Optic Cable (12 Strand)	1.000 EACH	3,000.00000	3,000.00	416.00000	416.00	396.00000	396.00
614-87693	Ethernet Switch Type III	1.000 EACH	7,000.00000	7,000.00	9,730.00000	9,730.00	9,262.00000	9,262.00
620-00020	Sanitary Facility	1.000 EACH	3,000.00000	3,000.00	1,525.00000	1,525.00	2,500.00000	2,500.00
625-00000	Construction Surveying	1.000 L S	15,000.00000	15,000.00	8,990.00000	8,990.00	6,670.00000	6,670.00
626-00000	Mobilization	1.000 L S	90,290.80000	90,290.80	83,427.00000	83,427.00	163,000.00000	163,000.00
626-01113	Public Information Management (Tier III)	95.000 DAY	25.00000	2,375.00	96.50000	9,167.50	94.00000	8,930.00
627-00008	Modified Epoxy Pavement Marking	102.000 GAL	160.00000	16,320.00	375.57000	38,308.14	357.50000	36,465.00
627-30405	Preformed Thermoplastic Pavement Marking (Word-Symbol)	612.000 SF	20.00000	12,240.00	17.34000	10,612.08	16.50000	10,098.00
627-30411	Preformed Thermoplastic Pavement Marking (Xwalk-Stop Line) (Special)	3,871.000 SF	10.00000	38,710.00	11.32000	43,819.72	11.00000	42,581.00
630-00000	Flagging	70.000 HOUR	30.00000	2,100.00	31.20000	2,184.00	27.50000	1,925.00
630-00003	Uniformed Traffic Control	120.000 HOUR	145.00000	17,400.00	115.56000	13,867.20	110.00000	13,200.00
630-00007	Traffic Control Inspection	38.000 DAY	200.00000	7,600.00	113.66000	4,319.08	110.00000	4,180.00



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Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 178A MAIN ELECTRIC LTD		(2) 1476A MORTON ELECTRIC, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001 Bid Items				<b>LCC:</b>			
630-00012	Traffic Control Management	95.000 DAY	1,200.00000	114,000.00	683.14000	64,898.30	660.00000	62,700.00
630-00015	Uniformed Traffic Control Coordination	9.000 HOUR	40.00000	360.00	28.88000	259.92	30.00000	270.00
630-80341	Construction Traffic Sign (Panel Size A)	36.000 EACH	50.00000	1,800.00	57.78000	2,080.08	44.00000	1,584.00
630-80342	Construction Traffic Sign (Panel Size B)	34.000 EACH	60.00000	2,040.00	57.79000	1,964.86	55.00000	1,870.00
630-80357	Advance Warning Flashing or Sequencing Arrow Panel (B Type)	2.000 EACH	1,000.00000	2,000.00	1,386.50000	2,773.00	550.00000	1,100.00
630-80359	Portable Message Sign Panel	40.000 DAY	90.00000	3,600.00	98.23000	3,929.20	138.00000	5,520.00
630-80360	Drum Channelizing Device	50.000 EACH	30.00000	1,500.00	40.44000	2,022.00	44.00000	2,200.00
630-80363	Drum Channelizing Device (With Light) (Flashing)	25.000 EACH	50.00000	1,250.00	46.24000	1,156.00	55.00000	1,375.00
630-80364	Drum Channelizing Device (With Light) (Steady Burn)	25.000 EACH	35.00000	875.00	46.24000	1,156.00	55.00000	1,375.00
630-80380	Traffic Cone	50.000 EACH	10.00000	500.00	11.56000	578.00	9.00000	450.00
630-80393	Stackable Vertical Panels	25.000 EACH	35.00000	875.00	28.88000	722.00	39.00000	975.00
630-85041	Mobile Attenuator	30.000 DAY	300.00000	9,000.00	577.80000	17,334.00	440.00000	13,200.00
<b>Section Totals:</b>				\$1,800,000.00		\$1,409,599.14		\$1,534,728.82
<b>Contract Grand Totals</b>				<b>\$1,800,000.00</b>		<b>\$1,409,599.14</b>		<b>\$1,534,728.82</b>

Tabulation of Bids

Contract ID: C22168

Item Code	Description	Quantity	(3) 720A STURGEON ELECTRIC COMPANY, INC		(4) 1507A PAONIA, INC		(5) 697A W.L. CONTRACTORS, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001 Bid Items					<b>LCC:</b>		
201-00000	Clearing and Grubbing	1.000 L S	12,300.00000	12,300.00	2,500.00000	2,500.00	7,400.00000	7,400.00
202-00090	Removal of Delineator	12.000 EACH	100.00000	1,200.00	10.00000	120.00	7.00000	84.00
202-00195	Removal of Median Cover	108.000 SY	27.00000	2,916.00	44.00000	4,752.00	47.00000	5,076.00
202-00200	Removal of Sidewalk	13.000 SY	35.00000	455.00	46.00000	598.00	50.00000	650.00
202-00203	Removal of Curb and Gutter	272.000 LF	16.00000	4,352.00	17.00000	4,624.00	20.00000	5,440.00
202-00206	Removal of Concrete Curb Ramp	111.000 SY	27.00000	2,997.00	42.00000	4,662.00	48.00000	5,328.00
202-00207	Removal of Brick Pavers	3.000 SY	129.00000	387.00	119.00000	357.00	125.00000	375.00
202-00220	Removal of Asphalt Mat	233.000 SY	40.00000	9,320.00	52.00000	12,116.00	57.00000	13,281.00
202-00250	Removal of Pavement Marking	10,467.000 SF	3.00000	31,401.00	3.00000	31,401.00	3.00000	31,401.00
202-00700	Removal of Light Standard	1.000 EACH	1,225.00000	1,225.00	2,500.00000	2,500.00	517.00000	517.00
202-00810	Removal of Ground Sign	6.000 EACH	188.00000	1,128.00	250.00000	1,500.00	95.00000	570.00
202-00828	Removal of Traffic Signal Equipment	1.000 L S	13,763.00000	13,763.00	15,000.00000	15,000.00	13,711.00000	13,711.00
202-00858	Removal of Pedestal Pole	3.000 EACH	755.00000	2,265.00	750.00000	2,250.00	350.00000	1,050.00
202-05026	Sawing Asphalt Material (6 Inch)	682.000 LF	8.00000	5,456.00	5.00000	3,410.00	6.00000	4,092.00
203-01597	Potholing	175.000 HOUR	273.00000	47,775.00	10.00000	1,750.00	225.00000	39,375.00
208-00002	Erosion Log Type 1 (12 Inch)	250.000 LF	7.00000	1,750.00	7.00000	1,750.00	11.00000	2,750.00

Tabulation of Bids

Contract ID: C22168

Item Code	Description	Quantity	(3) 720A STURGEON ELECTRIC COMPANY, INC		(4) 1507A PAONIA, INC		(5) 697A W.L. CONTRACTORS, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001 Bid Items				<b>LCC:</b>			
208-00035	Aggregate Bag	60.000 LF	14.00000	840.00	12.00000	720.00	11.00000	660.00
208-00045	Concrete Washout Structure	1.000 EACH	580.00000	580.00	2,500.00000	2,500.00	2,900.00000	2,900.00
208-00051	Storm Drain Inlet Protection (Type I)	160.000 LF	14.00000	2,240.00	10.00000	1,600.00	13.00000	2,080.00
208-00106	Sweeping (Sediment Removal)	40.000 HOUR	216.00000	8,640.00	25.00000	1,000.00	335.00000	13,400.00
210-00476	Reset Microwave Vehicle Radar Detector (MVRD)	8.000 EACH	1,056.00000	8,448.00	1,000.00000	8,000.00	725.00000	5,800.00
210-00479	Reset Radio Communication Antenna	2.000 EACH	867.00000	1,734.00	500.00000	1,000.00	725.00000	1,450.00
210-00810	Reset Ground Sign	8.000 EACH	495.00000	3,960.00	500.00000	4,000.00	377.00000	3,016.00
210-00815	Reset Sign Panel	8.000 EACH	213.00000	1,704.00	100.00000	800.00	140.00000	1,120.00
210-00855	Reset Traffic Signal Controller Cabinet	2.000 EACH	4,900.00000	9,800.00	1,500.00000	3,000.00	2,800.00000	5,600.00
212-00006	Seeding (Native)	0.420 ACRE	1,900.00000	798.00	10.00000	4.20	12,635.00000	5,306.70
212-00032	Soil Conditioning	0.420 ACRE	5,550.00000	2,331.00	1.00000	0.42	13,640.00000	5,728.80
213-00012	Spray-on Mulch Blanket	0.420 ACRE	6,800.00000	2,856.00	1.00000	0.42	9,390.00000	3,943.80
217-00000	Herbicide Treatment	199.000 SY	4.00000	796.00	1.00000	199.00	4.00000	796.00
403-00720	Hot Mix Asphalt (Patching) (Asphalt)	15.100 TON	440.00000	6,644.00	489.00000	7,383.90	535.00000	8,078.50
503-00024	Drilled Shaft (24 Inch)	60.000 LF	396.00000	23,760.00	250.00000	15,000.00	370.00000	22,200.00

Tabulation of Bids

Contract ID: C22168

Item Code	Description	Quantity	(3) 720A STURGEON ELECTRIC COMPANY, INC		(4) 1507A PAONIA, INC		(5) 697A W.L. CONTRACTORS, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001 Bid Items				<b>LCC:</b>			
503-00048	Drilled Shaft (48 Inch)	126.000 LF	596.00000	75,096.00	1,200.00000	151,200.00	652.00000	82,152.00
503-00054	Drilled Shaft (54 Inch)	126.000 LF	651.00000	82,026.00	1,300.00000	163,800.00	767.00000	96,642.00
607-11580	Fence (Temporary)	60.000 LF	15.00000	900.00	10.00000	600.00	5.00000	300.00
608-00000	Concrete Sidewalk	112.000 SY	120.00000	13,440.00	114.00000	12,768.00	160.00000	17,920.00
608-00010	Concrete Curb Ramp	101.000 SY	184.00000	18,584.00	290.00000	29,290.00	315.00000	31,815.00
608-00015	Detectable Warnings	16.000 SF	157.00000	2,512.00	87.00000	1,392.00	94.00000	1,504.00
609-21011	Curb and Gutter Type 2 (Section I-M)	67.000 LF	64.00000	4,288.00	37.00000	2,479.00	40.00000	2,680.00
609-21020	Curb and Gutter Type 2 (Section II-B)	503.000 LF	55.00000	27,665.00	40.00000	20,120.00	44.00000	22,132.00
610-00020	Median Cover Material (Patterned Concrete)	1,798.000 SF	25.00000	44,950.00	25.00000	44,950.00	27.00000	48,546.00
612-00001	Delineator (Type I)	31.000 EACH	65.00000	2,015.00	21.00000	651.00	23.00000	713.00
612-00002	Delineator (Type II)	8.000 EACH	67.00000	536.00	23.00000	184.00	25.00000	200.00
613-00206	2 Inch Electrical Conduit (Bored)	7,364.000 LF	17.00000	125,188.00	15.00000	110,460.00	14.00000	103,096.00
613-00306	3 Inch Electrical Conduit (Bored)	3,134.000 LF	19.00000	59,546.00	20.00000	62,680.00	15.00000	47,010.00
613-01200	2 Inch Electrical Conduit (Plastic)	250.000 LF	11.00000	2,750.00	20.00000	5,000.00	11.00000	2,750.00
613-01300	3 Inch Electrical Conduit (Plastic)	260.000 LF	12.00000	3,120.00	25.00000	6,500.00	13.00000	3,380.00
613-07001	Type One Pull Box	8.000 EACH	1,157.00000	9,256.00	950.00000	7,600.00	621.00000	4,968.00

Tabulation of Bids

Contract ID: C22168

Item Code	Description	Quantity	(3) 720A STURGEON ELECTRIC COMPANY, INC		(4) 1507A PAONIA, INC		(5) 697A W.L. CONTRACTORS, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001 Bid Items				<b>LCC:</b>			
613-07002	Type Two Pull Box	8.000 EACH	1,229.00000	9,832.00	1,000.00000	8,000.00	844.00000	6,752.00
613-07003	Type Three Pull Box	9.000 EACH	1,310.00000	11,790.00	1,250.00000	11,250.00	1,019.00000	9,171.00
613-07004	Type Four Pull Box	1.000 EACH	1,903.00000	1,903.00	1,500.00000	1,500.00	1,165.00000	1,165.00
613-07005	Type Five Pull Box	6.000 EACH	2,163.00000	12,978.00	1,750.00000	10,500.00	1,546.00000	9,276.00
613-10000	Wiring	1.000 L S	32,655.00000	32,655.00	15,000.00000	15,000.00	13,894.00000	13,894.00
613-13008	Luminaire (LED) (8,000 Lumens)	4.000 EACH	696.00000	2,784.00	1,250.00000	5,000.00	1,100.00000	4,400.00
613-20200	Luminaire (Install Only)	8.000 EACH	302.00000	2,416.00	150.00000	1,200.00	155.00000	1,240.00
613-50150	Secondary Service Pedestal	3.000 EACH	5,900.00000	17,700.00	7,500.00000	22,500.00	480.00000	1,440.00
614-00011	Sign Panel (Class I)	274.000 SF	36.00000	9,864.00	20.00000	5,480.00	23.00000	6,302.00
614-00012	Sign Panel (Class II)	41.000 SF	36.00000	1,476.00	22.00000	902.00	25.00000	1,025.00
614-00014	Lighted Street Name Sign (Inst Only)	8.000 EACH	896.00000	7,168.00	490.00000	3,920.00	750.00000	6,000.00
614-01573	Steel Sign Support (2-1/2 Inch Round NP-40)(Post & Slipbase)	12.000 EACH	529.00000	6,348.00	450.00000	5,400.00	503.00000	6,036.00
614-70150	Pedestrian Signal Face (16) (Countdown)	24.000 EACH	682.00000	16,368.00	625.00000	15,000.00	500.00000	12,000.00
614-70336	Traffic Signal Face (12-12-12)	39.000 EACH	846.00000	32,994.00	600.00000	23,400.00	701.00000	27,339.00
614-70448	Traffic Signal Face (12-12-12-12)	22.000 EACH	1,025.00000	22,550.00	725.00000	15,950.00	1,000.00000	22,000.00

Tabulation of Bids

Contract ID: C22168

Item Code	Description	Quantity	(3) 720A STURGEON ELECTRIC COMPANY, INC		(4) 1507A PAONIA, INC		(5) 697A W.L. CONTRACTORS, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001 Bid Items				<b>LCC:</b>			
614-72855	Traffic Signal Controller Cabinet	3.000 EACH	29,317.00000	87,951.00	20,000.00000	60,000.00	27,840.00000	83,520.00
614-72860	Pedestrian Push Button	24.000 EACH	1,316.00000	31,584.00	350.00000	8,400.00	1,534.00000	36,816.00
614-72895	Vehicle Detection System (Single Camera)	1.000 EACH	9,611.00000	9,611.00	18,000.00000	18,000.00	7,503.00000	7,503.00
614-72896	Intersection Detection System (Camera)(Install Only)	8.000 EACH	1,414.00000	11,312.00	750.00000	6,000.00	7,503.00000	60,024.00
614-80000	Flashing Beacon	6.000 EACH	3,396.00000	20,376.00	2,900.00000	17,400.00	2,345.00000	14,070.00
614-81155	Traffic Signal-Light Pole Steel (1-55 Foot Mast Arm)	1.000 EACH	13,833.00000	13,833.00	19,750.00000	19,750.00	18,870.00000	18,870.00
614-81165	Traffic Signal-Light Pole Steel (1-65 Foot Mast Arm)	5.000 EACH	20,471.00000	102,355.00	27,000.00000	135,000.00	25,112.00000	125,560.00
614-81170	Traffic Signal-Light Pole Steel (1-70 Foot Mast Arm)	1.000 EACH	22,382.00000	22,382.00	29,000.00000	29,000.00	26,661.00000	26,661.00
614-81175	Traffic Signal-Light Pole Steel (1-75 Foot Mast Arm)	5.000 EACH	22,498.00000	112,490.00	30,000.00000	150,000.00	26,836.00000	134,180.00
614-84000	Traffic Signal Pedestal Pole Steel	12.000 EACH	1,634.00000	19,608.00	2,700.00000	32,400.00	1,645.00000	19,740.00
614-87006	Fiber Optic Termination Panel (6 Fiber)	2.000 EACH	500.00000	1,000.00	750.00000	1,500.00	740.00000	1,480.00
614-87010	Fiber Optic Cable (Single Mode) (12 Fiber)	175.000 LF	11.00000	1,925.00	8.00000	1,400.00	2.00000	350.00
614-87012	Fiber Optic Termination Panel (12 Fiber)	1.000 EACH	800.00000	800.00	900.00000	900.00	737.00000	737.00
614-87320	Closed Circuit Television	1.000 EACH	4,777.00000	4,777.00	5,500.00000	5,500.00	4,200.00000	4,200.00

Tabulation of Bids

Contract ID: C22168

Item Code	Description	Quantity	(3) 720A STURGEON ELECTRIC COMPANY, INC		(4) 1507A PAONIA, INC		(5) 697A W.L. CONTRACTORS, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001 Bid Items					<b>LCC:</b>		
614-87321	Closed Circuit Television (Install Only)	2.000 EACH	1,056.00000	2,112.00	750.00000	1,500.00	820.00000	1,640.00
614-87350	Test Fiber Optic Cable	1.000 L S	3,000.00000	3,000.00	2,500.00000	2,500.00	2,500.00000	2,500.00
614-87512	Splice Fiber Optic Cable (12 Strand)	1.000 EACH	4,000.00000	4,000.00	1,250.00000	1,250.00	1,500.00000	1,500.00
614-87612	Terminate Fiber Optic Cable (12 Strand)	1.000 EACH	1,500.00000	1,500.00	2,500.00000	2,500.00	160.00000	160.00
614-87693	Ethernet Switch Type III	1.000 EACH	5,000.00000	5,000.00	9,500.00000	9,500.00	6,720.00000	6,720.00
620-00020	Sanitary Facility	1.000 EACH	6,005.00000	6,005.00	1,000.00000	1,000.00	600.00000	600.00
625-00000	Construction Surveying	1.000 L S	6,845.00000	6,845.00	5,000.00000	5,000.00	18,800.00000	18,800.00
626-00000	Mobilization	1.000 L S	109,456.00000	109,456.00	81,000.00000	81,000.00	155,000.00000	155,000.00
626-01113	Public Information Management (Tier III)	95.000 DAY	99.00000	9,405.00	60.00000	5,700.00	106.00000	10,070.00
627-00008	Modified Epoxy Pavement Marking	102.000 GAL	342.00000	34,884.00	294.00000	29,988.00	410.00000	41,820.00
627-30405	Preformed Thermoplastic Pavement Marking (Word-Symbol)	612.000 SF	16.00000	9,792.00	21.00000	12,852.00	19.00000	11,628.00
627-30411	Preformed Thermoplastic Pavement Marking (Xwalk-Stop Line) (Special)	3,871.000 SF	11.00000	42,581.00	18.00000	69,678.00	13.00000	50,323.00
630-00000	Flagging	70.000 HOUR	30.00000	2,100.00	35.00000	2,450.00	32.00000	2,240.00
630-00003	Uniformed Traffic Control	120.000 HOUR	110.00000	13,200.00	125.00000	15,000.00	126.00000	15,120.00
630-00007	Traffic Control Inspection	38.000 DAY	110.00000	4,180.00	10.00000	380.00	126.00000	4,788.00

Tabulation of Bids

Contract ID: C22168

Item Code	Description	Quantity	(3) 720A STURGEON ELECTRIC COMPANY, INC		(4) 1507A PAONIA, INC		(5) 697A W.L. CONTRACTORS, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001 Bid Items					<b>LCC:</b>		
630-00012	Traffic Control Management	95.000 DAY	715.00000	67,925.00	400.00000	38,000.00	755.00000	71,725.00
630-00015	Uniformed Traffic Control Coordination	9.000 HOUR	28.00000	252.00	150.00000	1,350.00	32.00000	288.00
630-80341	Construction Traffic Sign (Panel Size A)	36.000 EACH	55.00000	1,980.00	100.00000	3,600.00	50.00000	1,800.00
630-80342	Construction Traffic Sign (Panel Size B)	34.000 EACH	55.00000	1,870.00	150.00000	5,100.00	63.00000	2,142.00
630-80357	Advance Warning Flashing or Sequencing Arrow Panel (B Type)	2.000 EACH	1,320.00000	2,640.00	1,250.00000	2,500.00	630.00000	1,260.00
630-80359	Portable Message Sign Panel	40.000 DAY	94.00000	3,760.00	125.00000	5,000.00	160.00000	6,400.00
630-80360	Drum Channelizing Device	50.000 EACH	39.00000	1,950.00	39.00000	1,950.00	50.00000	2,500.00
630-80363	Drum Channelizing Device (With Light) (Flashing)	25.000 EACH	44.00000	1,100.00	49.00000	1,225.00	63.00000	1,575.00
630-80364	Drum Channelizing Device (With Light) (Steady Burn)	25.000 EACH	44.00000	1,100.00	49.00000	1,225.00	63.00000	1,575.00
630-80380	Traffic Cone	50.000 EACH	11.00000	550.00	50.00000	2,500.00	11.00000	550.00
630-80393	Stackable Vertical Panels	25.000 EACH	28.00000	700.00	50.00000	1,250.00	44.00000	1,100.00
630-85041	Mobile Attenuator	30.000 DAY	550.00000	16,500.00	250.00000	7,500.00	504.00000	15,120.00
<b>Section Totals:</b>				\$1,668,910.00		\$1,695,921.94		\$1,769,682.80
<b>Contract Grand Totals</b>				<b>\$1,668,910.00</b>		<b>\$1,695,921.94</b>		<b>\$1,769,682.80</b>



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Low Bid Item Analysis

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Contract ID: C22168

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION:</b>	0001	Bid Items						
0005	201-00000 Clearing and Grubbing	1.000	21,000.00000	2,541.00000 L S	21,000.00	2,541.00	12.10%	-18,459.00
0010	202-00090 Removal of Delineator	12.000	10.00000	22.58000 EACH	120.00	270.96	225.80%	150.96
0015	202-00195 Removal of Median Cover	108.000	50.00000	20.79000 SY	5,400.00	2,245.32	41.58%	-3,154.68
0020	202-00200 Removal of Sidewalk	13.000	50.00000	20.77000 SY	650.00	270.01	41.54%	-379.99
0025	202-00203 Removal of Curb and Gutter	272.000	15.00000	11.55000 LF	4,080.00	3,141.60	77.00%	-938.40
0030	202-00206 Removal of Concrete Curb Ramp	111.000	35.00000	20.79000 SY	3,885.00	2,307.69	59.40%	-1,577.31
0035	202-00207 Removal of Brick Pavers	3.000	50.00000	29.00000 SY	150.00	87.00	58.00%	-63.00
0040	202-00220 Removal of Asphalt Mat	233.000	25.00000	31.19000 SY	5,825.00	7,267.27	124.76%	1,442.27
0045	202-00250 Removal of Pavement Marking	10,467.000	3.00000	2.20000 SF	31,401.00	23,027.40	73.33%	-8,373.60
0050	202-00700 Removal of Light Standard	1.000	800.00000	835.00000 EACH	800.00	835.00	104.38%	35.00
0055	202-00810 Removal of Ground Sign	6.000	110.00000	98.17000 EACH	660.00	589.02	89.25%	-70.98
0060	202-00828 Removal of Traffic Signal Equipment	1.000	15,000.00000	21,656.00000 L S	15,000.00	21,656.00	144.37%	6,656.00

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Low Bid Item Analysis

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Contract ID: C22168

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION:</b>	0001	Bid Items						
0065	202-00858 Removal of Pedestal Pole	3.000	1,100.00000	495.67000 EACH	3,300.00	1,487.01	45.06%	-1,812.99
0070	202-05026 Sawing Asphalt Material (6 Inch)	682.000	6.00000	3.47000 LF	4,092.00	2,366.54	57.83%	-1,725.46
0075	203-01597 Potholing	175.000	250.00000	175.00000 HOUR	43,750.00	30,625.00	70.00%	-13,125.00
0080	208-00002 Erosion Log Type 1 (12 Inch)	250.000	8.00000	5.01000 LF	2,000.00	1,252.50	62.63%	-747.50
0085	208-00035 Aggregate Bag	60.000	10.00000	11.77800 LF	600.00	706.68	117.78%	106.68
0090	208-00045 Concrete Washout Structure	1.000	2,000.00000	223.00000 EACH	2,000.00	223.00	11.15%	-1,777.00
0095	208-00051 Storm Drain Inlet Protection (Type I)	160.000	35.00000	10.20000 LF	5,600.00	1,632.00	29.14%	-3,968.00
0100	208-00106 Sweeping (Sediment Removal)	40.000	150.00000	104.10000 HOUR	6,000.00	4,164.00	69.40%	-1,836.00
0105	210-00476 Reset Microwave Vehicle Radar Detector (MVRD)	8.000	16,000.00000	350.00000 EACH	128,000.00	2,800.00	2.19%	-125,200.00
0110	210-00479 Reset Radio Communication Antenna	2.000	1,000.00000	338.50000 EACH	2,000.00	677.00	33.85%	-1,323.00
0115	210-00810 Reset Ground Sign	8.000	320.00000	593.00000 EACH	2,560.00	4,744.00	185.31%	2,184.00
0120	210-00815 Reset Sign Panel	8.000	180.00000	173.25000 EACH	1,440.00	1,386.00	96.25%	-54.00

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Contract ID: C22168

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION:</b>	0001	Bid Items						
0125	210-00855 Reset Traffic Signal Controller Cabinet	2.000	2,000.00000	266.00000 EACH	4,000.00	532.00	13.30%	-3,468.00
0130	212-00006 Seeding (Native)	0.420	5,000.00000	1,371.43000 ACRE	2,100.00	576.00	27.43%	-1,524.00
0135	212-00032 Soil Conditioning	0.420	10,000.00000	5,433.33000 ACRE	4,200.00	2,282.00	54.33%	-1,918.00
0140	213-00012 Spray-on Mulch Blanket	0.420	5,200.00000	6,807.14000 ACRE	2,184.00	2,859.00	130.91%	675.00
0145	217-00000 Herbicide Treatment	199.000	6.00000	6.63000 SY	1,194.00	1,319.37	110.50%	125.37
0150	403-00720 Hot Mix Asphalt (Patching) (Asphalt)	15.100	500.00000	346.49000 TON	7,550.00	5,232.00	69.30%	-2,318.00
0155	503-00024 Drilled Shaft (24 Inch)	60.000	300.00000	275.50000 LF	18,000.00	16,530.00	91.83%	-1,470.00
0160	503-00048 Drilled Shaft (48 Inch)	126.000	650.00000	310.23000 LF	81,900.00	39,088.98	47.73%	-42,811.02
0165	503-00054 Drilled Shaft (54 Inch)	126.000	700.00000	396.85000 LF	88,200.00	50,003.10	56.69%	-38,196.90
0170	607-11580 Fence (Temporary)	60.000	12.00000	4.54000 LF	720.00	272.40	37.83%	-447.60
0175	608-00000 Concrete Sidewalk	112.000	87.35000	96.16000 SY	9,783.20	10,769.92	110.09%	986.72
0180	608-00010 Concrete Curb Ramp	101.000	180.00000	150.16000 SY	18,180.00	15,166.16	83.42%	-3,013.84

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Contract ID: C22168

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION:</b>	0001	Bid Items						
0185	608-00015 Detectable Warnings	16.000	80.00000	115.50000 SF	1,280.00	1,848.00	144.38%	568.00
0190	609-21011 Curb and Gutter Type 2 (Section I-M)	67.000	40.00000	45.07000 LF	2,680.00	3,019.69	112.68%	339.69
0195	609-21020 Curb and Gutter Type 2 (Section II-B)	503.000	50.00000	45.05000 LF	25,150.00	22,660.15	90.10%	-2,489.85
0200	610-00020 Median Cover Material (Patterned Concrete)	1,798.000	18.00000	20.79000 SF	32,364.00	37,380.42	115.50%	5,016.42
0205	612-00001 Delineator (Type I)	31.000	25.00000	18.48000 EACH	775.00	572.88	73.92%	-202.12
0210	612-00002 Delineator (Type II)	8.000	40.00000	20.75000 EACH	320.00	166.00	51.88%	-154.00
0215	613-00206 2 Inch Electrical Conduit (Bored)	7,364.000	20.00000	11.55000 LF	147,280.00	85,054.20	57.75%	-62,225.80
0220	613-00306 3 Inch Electrical Conduit (Bored)	3,134.000	15.00000	11.55000 LF	47,010.00	36,197.70	77.00%	-10,812.30
0225	613-01200 2 Inch Electrical Conduit (Plastic)	250.000	18.00000	11.10000 LF	4,500.00	2,775.00	61.67%	-1,725.00
0230	613-01300 3 Inch Electrical Conduit (Plastic)	260.000	17.00000	12.34000 LF	4,420.00	3,208.40	72.59%	-1,211.60
0235	613-07001 Type One Pull Box	8.000	900.00000	630.50000 EACH	7,200.00	5,044.00	70.06%	-2,156.00
0240	613-07002 Type Two Pull Box	8.000	800.00000	898.25000 EACH	6,400.00	7,186.00	112.28%	786.00

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Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION:</b>	0001	Bid Items						
0245	613-07003 Type Three Pull Box	9.000	780.00000	1,239.00000 EACH	7,020.00	11,151.00	158.85%	4,131.00
0250	613-07004 Type Four Pull Box	1.000	950.00000	1,608.00000 EACH	950.00	1,608.00	169.26%	658.00
0255	613-07005 Type Five Pull Box	6.000	2,200.00000	2,056.00000 EACH	13,200.00	12,336.00	93.45%	-864.00
0260	613-10000 Wiring	1.000	30,000.00000	44,190.00000 L S	30,000.00	44,190.00	147.30%	14,190.00
0265	613-13008 Luminaire (LED) (8,000 Lumens)	4.000	1,000.00000	965.50000 EACH	4,000.00	3,862.00	96.55%	-138.00
0270	613-20200 Luminaire (Install Only)	8.000	300.00000	232.25000 EACH	2,400.00	1,858.00	77.42%	-542.00
0275	613-50150 Secondary Service Pedestal	3.000	5,000.00000	4,240.00000 EACH	15,000.00	12,720.00	84.80%	-2,280.00
0280	614-00011 Sign Panel (Class I)	274.000	25.00000	21.95000 SF	6,850.00	6,014.30	87.80%	-835.70
0285	614-00012 Sign Panel (Class II)	41.000	30.00000	25.41000 SF	1,230.00	1,041.81	84.70%	-188.19
0290	614-00014 Lighted Street Name Sign (Inst Only)	8.000	920.00000	76.75000 EACH	7,360.00	614.00	8.34%	-6,746.00
0295	614-01573 Steel Sign Support (2-1/2 Inch Round NP-40)(Post & Slipbase)	12.000	412.00000	456.25000 EACH	4,944.00	5,475.00	110.74%	531.00
0300	614-70150 Pedestrian Signal Face (16) (Countdown)	24.000	650.00000	403.21000 EACH	15,600.00	9,677.04	62.03%	-5,922.96

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Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION:</b>	0001	Bid Items						
0305	614-70336 Traffic Signal Face (12-12-12)	39.000	750.00000	811.69000 EACH	29,250.00	31,655.91	108.23%	2,405.91
0310	614-70448 Traffic Signal Face (12-12-12-12)	22.000	800.00000	925.68000 EACH	17,600.00	20,364.96	115.71%	2,764.96
0315	614-72855 Traffic Signal Controller Cabinet	3.000	21,000.00000	23,881.00000 EACH	63,000.00	71,643.00	113.72%	8,643.00
0320	614-72860 Pedestrian Push Button	24.000	618.00000	1,171.83000 EACH	14,832.00	28,123.92	189.62%	13,291.92
0325	614-72895 Vehicle Detection System (Single Camera)	1.000	10,000.00000	6,223.00000 EACH	10,000.00	6,223.00	62.23%	-3,777.00
0330	614-72896 Intersection Detection System (Camera)(Install Only)	8.000	1,500.00000	232.25000 EACH	12,000.00	1,858.00	15.48%	-10,142.00
0335	614-80000 Flashing Beacon	6.000	1,700.00000	2,209.50000 EACH	10,200.00	13,257.00	129.97%	3,057.00
0340	614-81155 Traffic Signal-Light Pole Steel (1-55 Foot Mast Arm)	1.000	20,000.00000	20,080.00000 EACH	20,000.00	20,080.00	100.40%	80.00
0345	614-81165 Traffic Signal-Light Pole Steel (1-65 Foot Mast Arm)	5.000	24,000.00000	24,220.00000 EACH	120,000.00	121,100.00	100.92%	1,100.00
0350	614-81170 Traffic Signal-Light Pole Steel (1-70 Foot Mast Arm)	1.000	27,500.00000	27,095.00000 EACH	27,500.00	27,095.00	98.53%	-405.00

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Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION:</b>	0001	Bid Items						
0355	614-81175 Traffic Signal-Light Pole Steel (1-75 Foot Mast Arm)	5.000	30,000.00000	27,548.00000 EACH	150,000.00	137,740.00	91.83%	-12,260.00
0360	614-84000 Traffic Signal Pedestal Pole Steel	12.000	3,000.00000	955.75000 EACH	36,000.00	11,469.00	31.86%	-24,531.00
0365	614-87006 Fiber Optic Termination Panel (6 Fiber)	2.000	700.00000	597.00000 EACH	1,400.00	1,194.00	85.29%	-206.00
0370	614-87010 Fiber Optic Cable (Single Mode) (12 Fiber)	175.000	7.00000	10.21000 LF	1,225.00	1,786.75	145.86%	561.75
0375	614-87012 Fiber Optic Termination Panel (12 Fiber)	1.000	1,400.00000	796.00000 EACH	1,400.00	796.00	56.86%	-604.00
0380	614-87320 Closed Circuit Television	1.000	5,000.00000	5,170.00000 EACH	5,000.00	5,170.00	103.40%	170.00
0385	614-87321 Closed Circuit Television (Install Only)	2.000	2,000.00000	928.00000 EACH	4,000.00	1,856.00	46.40%	-2,144.00
0390	614-87350 Test Fiber Optic Cable	1.000	4,500.00000	4,738.00000 L S	4,500.00	4,738.00	105.29%	238.00
0395	614-87512 Splice Fiber Optic Cable (12 Strand)	1.000	3,000.00000	1,617.00000 EACH	3,000.00	1,617.00	53.90%	-1,383.00
0400	614-87612 Terminate Fiber Optic Cable (12 Strand)	1.000	3,000.00000	416.00000 EACH	3,000.00	416.00	13.87%	-2,584.00
0405	614-87693 Ethernet Switch Type III	1.000	7,000.00000	9,730.00000 EACH	7,000.00	9,730.00	139.00%	2,730.00
0410	620-00020 Sanitary Facility	1.000	3,000.00000	1,525.00000 EACH	3,000.00	1,525.00	50.83%	-1,475.00

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Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION:</b>	0001	Bid Items						
0415	625-00000 Construction Surveying	1.000	15,000.00000	8,990.00000 L S	15,000.00	8,990.00	59.93%	-6,010.00
0420	626-00000 Mobilization	1.000	90,290.80000	83,427.00000 L S	90,290.80	83,427.00	92.40%	-6,863.80
0425	626-01113 Public Information Management (Tier III)	95.000	25.00000	96.50000 DAY	2,375.00	9,167.50	386.00%	6,792.50
0430	627-00008 Modified Epoxy Pavement Marking	102.000	160.00000	375.57000 GAL	16,320.00	38,308.14	234.73%	21,988.14
0435	627-30405 Preformed Thermoplastic Pavement Marking (Word-Symbol)	612.000	20.00000	17.34000 SF	12,240.00	10,612.08	86.70%	-1,627.92
0440	627-30411 Preformed Thermoplastic Pavement Marking (Xwalk-Stop Line) (Special)	3,871.000	10.00000	11.32000 SF	38,710.00	43,819.72	113.20%	5,109.72
0445	630-00000 Flagging	70.000	30.00000	31.20000 HOUR	2,100.00	2,184.00	104.00%	84.00
0450	630-00003 Uniformed Traffic Control	120.000	145.00000	115.56000 HOUR	17,400.00	13,867.20	79.70%	-3,532.80
0455	630-00007 Traffic Control Inspection	38.000	200.00000	113.66000 DAY	7,600.00	4,319.08	56.83%	-3,280.92
0460	630-00012 Traffic Control Management	95.000	1,200.00000	683.14000 DAY	114,000.00	64,898.30	56.93%	-49,101.70
0465	630-00015 Uniformed Traffic Control Coordination	9.000	40.00000	28.88000 HOUR	360.00	259.92	72.20%	-100.08



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Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION:</b>	0001	Bid Items						
0470	630-80341 Construction Traffic Sign (Panel Size A)	36.000	50.00000	57.78000 EACH	1,800.00	2,080.08	115.56%	280.08
0475	630-80342 Construction Traffic Sign (Panel Size B)	34.000	60.00000	57.79000 EACH	2,040.00	1,964.86	96.32%	-75.14
0480	630-80357 Advance Warning Flashing or Sequencing Arrow Panel (B Type)	2.000	1,000.00000	1,386.50000 EACH	2,000.00	2,773.00	138.65%	773.00
0485	630-80359 Portable Message Sign Panel	40.000	90.00000	98.23000 DAY	3,600.00	3,929.20	109.14%	329.20
0490	630-80360 Drum Channelizing Device	50.000	30.00000	40.44000 EACH	1,500.00	2,022.00	134.80%	522.00
0495	630-80363 Drum Channelizing Device (With Light) (Flashing)	25.000	50.00000	46.24000 EACH	1,250.00	1,156.00	92.48%	-94.00
0500	630-80364 Drum Channelizing Device (With Light) (Steady Burn)	25.000	35.00000	46.24000 EACH	875.00	1,156.00	132.11%	281.00
0505	630-80380 Traffic Cone	50.000	10.00000	11.56000 EACH	500.00	578.00	115.60%	78.00
0510	630-80393 Stackable Vertical Panels	25.000	35.00000	28.88000 EACH	875.00	722.00	82.51%	-153.00
0515	630-85041 Mobile Attenuator	30.000	300.00000	577.80000 DAY	9,000.00	17,334.00	192.60%	8,334.00
<b>Section 0001 Subtotal</b>					\$1,800,000.00	\$1,409,599.14	78.31%	-\$390,400.86

Low Bid Item Analysis

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**Contract Total for Calculated Low Bidders Bid Items**

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\$1,800,000.00

\$1,409,599.14

78.31%

-\$390,400.86