Low Bid Summary

Letting Date: March 21, 2019

Call Order	Contract ID	Project(s)	# of Bids	Low Bidder	Estimated Cost	Corrected Bid	Percent of Estimate	Overrun (+) Underrun (-)
003	C22786	SHE 0252-481	3	STURGEON ELECTRIC COMPANY, INC.	\$3,466,114.00	\$3,866,299.75	111.55%	\$400,185.75
Letti	ng Totals		3		\$3,466,114.00	\$3,866,299.75	111.55%	\$400,185.75

Printed On: 03/22/2019

Page 1 of 1

Vendor Ranking

Page 1 of 1

03/22/2019

Printed On:

Contract ID: C22786

Contract Description:

This Project will consist of installation and/or reset of ramp metering at various locations in Region 1 along I-25 between MP180.55 and MP192.97.

A mandatory Pre-bid will be held on March 11, 2019 at 2:00 pm, the meeting will be held at CDOT HQ/R1:

T-REX Conference Room 105 2829 Howard PL. Floor 1 Denver, CO 80204

Rank	Vendor ID	Vendor Name	Total Bid	Percent Of Low Bid	Percent Of Estimate
0	-EST-	Engineer's Estimate	\$3,466,114.00	89.65%	100.00%
1	720A	STURGEON ELECTRIC COMPANY, INC.	\$3,866,299.75	100.00%	111.55%
2	697A	W.L. CONTRACTORS, INC.	\$4,139,449.00	107.06%	119.43%
3	1476A	MORTON ELECTRIC, INC.	\$4,294,387.50	111.07%	123.90%

Page 1 of 16

03/22/2019

Printed On:

				(0) -EST Engineer's Es		(1) 720A STURGEON ELECTRIC COMPANY, INC		(2) 697A W.L. CONTRACTORS, INC.	
Item Code	Description	Quan	ity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 ROADWAY						LCC:		
201-00000	Clearing and Grubbing	1.000	LS	5,000.00000	5,000.00	13,150.00000	13,150.00	4,450.00000	4,450.00
202-00090	Removal of Delineator	32.000	EACH	13.00000	416.00	72.00000	2,304.00	18.00000	576.00
202-00210	Removal of Concrete Pavement	326.000	SY	37.00000	12,062.00	165.00000	53,790.00	216.00000	70,416.00
202-00220	Removal of Asphalt Mat	25.000	SY	21.00000	525.00	170.00000	4,250.00	64.00000	1,600.00
202-00250	Removal of Pavement Marking	1,355.000	SF	1.00000	1,355.00	4.50000	6,097.50	4.00000	5,420.00
202-01000	Removal of Fence	745.000	LF	3.00000	2,235.00	2.00000	1,490.00	2.50000	1,862.50
202-01130	Removal of Guardrail Type 3	303.000	LF	5.00000	1,515.00	9.50000	2,878.50	10.00000	3,030.00
203-00000	Unclassified Excavation	2,024.000	CY	45.00000	91,080.00	38.00000	76,912.00	19.00000	38,456.00
203-00060	Embankment Material (Complete In Place)	560.000	CY	22.00000	12,320.00	72.00000	40,320.00	57.00000	31,920.00
203-00062	Embankment Material (Complete In Place) (Special)	412.000	CY	20.00000	8,240.00	90.00000	37,080.00	45.00000	18,540.00
203-00066	Embankment Material (Complete In Place) (R40)	488.000	CY	20.00000	9,760.00	90.00000	43,920.00	57.00000	27,816.00
203-01597	Potholing	100.000 H	HOUR	200.00000	20,000.00	285.00000	28,500.00	175.00000	17,500.00
206-00065	Structure Backfill (Flow-Fill)	6.000	CY	400.00000	2,400.00	190.00000	1,140.00	285.00000	1,710.00
207-00205	Topsoil	2,256.000	CY	25.00000	56,400.00	45.00000	101,520.00	19.00000	42,864.00
207-00210	Stockpile Topsoil	2,256.000	CY	12.00000	27,072.00	25.00000	56,400.00	19.00000	42,864.00

Page 2 of 16

03/22/2019

Printed On:

				(0) -EST- Engineer's Estimate		(1) 720 STURGEON E COMPANY	LECTRIC	(2) 697A W.L. CONTRACTORS, INC.	
Item Code	Description	Quant	ity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 ROADWAY						LCC:		
208-00012	Erosion Log Type 1 (9 Inch)	7,152.000	LF	10.00000	71,520.00	8.00000	57,216.00	6.50000	46,488.00
208-00035	Aggregate Bag	240.000	LF	12.00000	2,880.00	7.50000	1,800.00	5.50000	1,320.00
208-00045	Concrete Washout Structure	16.000 E	EACH	1,500.00000	24,000.00	1,550.00000	24,800.00	1,725.00000	27,600.00
208-00053	Storm Drain Inlet Protection (Type I) (84 Inch)	9.000 E	EACH	130.00000	1,170.00	215.00000	1,935.00	230.00000	2,070.00
208-00054	Storm Drain Inlet Protection (Type II)	9.000 E	EACH	150.00000	1,350.00	315.00000	2,835.00	345.00000	3,105.00
208-00070	Vehicle Tracking Pad	3.000 E	EACH	2,500.00000	7,500.00	2,500.00000	7,500.00	2,900.00000	8,700.00
208-00103	Removal and Disposal of Sediment (Labor)	85.000 ⊦	HOUR	75.00000	6,375.00	70.00000	5,950.00	70.00000	5,950.00
208-00105	Removal and Disposal of Sediment (Equipment)	85.000 H	HOUR	125.00000	10,625.00	94.00000	7,990.00	125.00000	10,625.00
208-00106	Sweeping (Sediment Removal)	66.000 ⊦	HOUR	165.00000	10,890.00	135.00000	8,910.00	82.00000	5,412.00
208-00107	Removal of Trash	20.000 ⊦	HOUR	125.00000	2,500.00	64.00000	1,280.00	70.00000	1,400.00
208-00207	Erosion Control Management	132.000	DAY	250.00000	33,000.00	140.00000	18,480.00	150.00000	19,800.00
210-00750	Reset Light Standard	3.000 E	EACH	2,300.00000	6,900.00	1,825.00000	5,475.00	2,525.00000	7,575.00
210-00810	Reset Ground Sign	1.000 E	EACH	300.00000	300.00	340.00000	340.00	160.00000	160.00
212-00006	Seeding (Native)	3.300 /	ACRE	800.00000	2,640.00	770.00000	2,541.00	850.00000	2,805.00
212-00032	Soil Conditioning	3.300 /	ACRE	3,000.00000	9,900.00	4,350.00000	14,355.00	5,100.00000	16,830.00

Page 3 of 16

03/22/2019

Printed On:

				(0) -EST- Engineer's Estimate		(1) 720A STURGEON ELECTRIC COMPANY, INC		(2) 697A W.L. CONTRACTORS, INC.	
Item Code	Description	Quan	tity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 ROADWAY						LCC:		
213-00003	Mulching (Weed Free)	3.300	ACRE	1,000.00000	3,300.00	1,965.00000	6,484.50	2,270.00000	7,491.00
217-00020	Herbicide Treatment	10.000 l	HOUR	150.00000	1,500.00	110.00000	1,100.00	110.00000	1,100.00
307-00212	Processing Lime Treated Subgrade (12 Inch)	760.000	SY	12.00000	9,120.00	20.00000	15,200.00	34.00000	25,840.00
403-00721	Hot Mix Asphalt (Patching) (Asphalt)	406.000	SY	300.00000	121,800.00	58.00000	23,548.00	65.00000	26,390.00
412-00800	Concrete Pavement (8 Inch)	525.000	SY	135.00000	70,875.00	135.00000	70,875.00	245.00000	128,625.00
412-01000	Concrete Pavement (10 Inch)	1,236.000	SY	150.00000	185,400.00	140.00000	173,040.00	255.00000	315,180.00
503-00018	Drilled Caisson (18 Inch)	105.000	LF	250.00000	26,250.00	290.00000	30,450.00	145.00000	15,225.00
503-00036	Drilled Caisson (36 Inch)	76.000	LF	450.00000	34,200.00	500.00000	38,000.00	275.00000	20,900.00
507-00100	Concrete Slope and Ditch Paving (Reinforced)	1.000	CY	500.00000	500.00	2,450.00000	2,450.00	5,100.00000	5,100.00
606-00301	Guardrail Type 3 (6-3 Post Spacing)	733.000	LF	35.00000	25,655.00	40.00000	29,320.00	47.00000	34,451.00
606-01340	End Anchorage Type 3D	1.000	EACH	1,500.00000	1,500.00	3,810.00000	3,810.00	4,450.00000	4,450.00
606-02003	End Anchorage (Nonflared)	2.000	EACH	3,500.00000	7,000.00	4,600.00000	9,200.00	5,385.00000	10,770.00
607-01000	Fence Barbed Wire with Metal Posts	740.000	LF	8.00000	5,920.00	5.50000	4,070.00	22.00000	16,280.00
607-11525	Fence (Plastic)	2,260.000	LF	4.00000	9,040.00	4.00000	9,040.00	6.00000	13,560.00
609-60011	Curb Type 6 (Section M)	303.000	LF	18.00000	5,454.00	61.00000	18,483.00	63.50000	19,240.50

Page 4 of 16

03/22/2019

Printed On:

		CONTRACT ID. CZ	,221					(0) 007	
				(0) -EST Engineer's Es		(1) 720. STURGEON EI COMPANY	LECTRIC	(2) 697 W.L. CONTRA INC.	
Item Code	Description	Quantity	,	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 ROADWAY						LCC:		
612-00101	Delineator (Drivable Concrete Installation) (Type I)	17.000 EAC	СН	110.00000	1,870.00	150.00000	2,550.00	128.00000	2,176.00
612-00102	Delineator (Drivable Concrete Installation) (Type II)	12.000 EAC	СН	125.00000	1,500.00	150.00000	1,800.00	128.00000	1,536.00
612-00260	Location Marker (Fiber Optic)(Dome)	29.000 EAC	СН	76.00000	2,204.00	125.00000	3,625.00	58.00000	1,682.00
612-00270	Location Marker (Utility)(Flat Slat)	83.000 EAC	СН	80.00000	6,640.00	90.00000	7,470.00	36.00000	2,988.00
613-00206	2 Inch Electrical Conduit (Bored)	37,350.000 I	LF	13.00000	485,550.00	15.50000	578,925.00	11.50000	429,525.00
613-00306	3 Inch Electrical Conduit (Bored)	12,525.000 I	LF	15.00000	187,875.00	18.50000	231,712.50	13.50000	169,087.50
613-01200	2 Inch Electrical Conduit (Plastic)	1,450.000 I	LF	12.00000	17,400.00	12.00000	17,400.00	17.00000	24,650.00
613-01300	3 Inch Electrical Conduit (Plastic)	335.000 I	LF	12.00000	4,020.00	13.00000	4,355.00	18.00000	6,030.00
613-04100	Electrical System Modifications	1.000 L	LS	10,000.00000	10,000.00	9,345.00000	9,345.00	2,450.00000	2,450.00
613-07000	Pull Box (Special)	36.000 EAC	СН	400.00000	14,400.00	845.00000	30,420.00	1,150.00000	41,400.00
613-07011	Pull Box (11"x18"x12")	83.000 EAC	СН	500.00000	41,500.00	990.00000	82,170.00	800.00000	66,400.00
613-07023	Pull Box (24"x36"x24")	14.000 EAC	СН	1,500.00000	21,000.00	2,010.00000	28,140.00	1,850.00000	25,900.00
613-07040	Pull Box (30"x48"x24")	15.000 EAC	СН	2,000.00000	30,000.00	2,570.00000	38,550.00	2,015.00000	30,225.00
613-10000	Wiring	1.000 L	LS	155,000.00000	155,000.00	265,600.00000	265,600.00	243,000.00000	243,000.00
613-32350	Light Standard Steel (35 Foot)	17.000 EAC	СН	3,000.00000	51,000.00	2,240.00000	38,080.00	3,270.00000	55,590.00

Page 5 of 16

03/22/2019

Printed On:

			(0) -EST Engineer's Es		(1) 720 STURGEON EI COMPANY	LECTRIC	(2) 697 W.L. CONTRA INC.	
Item Code	Description	Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 ROADWAY					LCC:		
613-40010	Light Standard Foundation	17.000 EACH	1,250.00000	21,250.00	1,480.00000	25,160.00	1,480.00000	25,160.00
613-80130	Service Meter Cabinet	3.000 EACH	5,000.00000	15,000.00	5,915.00000	17,745.00	4,550.00000	13,650.00
613-80274	Structure Mounted Disconnect Switch	13.000 EACH	20.00000	260.00	685.00000	8,905.00	315.00000	4,095.00
614-00011	Sign Panel (Class I)	290.000 SF	25.00000	7,250.00	32.00000	9,280.00	29.00000	8,410.00
614-00012	Sign Panel (Class II)	67.000 SF	25.00000	1,675.00	51.00000	3,417.00	38.00000	2,546.00
614-01583	Steel Sign Support (2-1/2 In Round Sch 80) (Post & Slipbase)	2.000 EACH	500.00000	1,000.00	525.00000	1,050.00	705.00000	1,410.00
614-70024	1310nm SFP Optic Module	26.000 EACH	300.00000	7,800.00	265.00000	6,890.00	300.00000	7,800.00
614-70028	CWDM SFP Optic Module	2.000 EACH	1,000.00000	2,000.00	830.00000	1,660.00	925.00000	1,850.00
614-70030	Optical Attenuator	28.000 EACH	85.00000	2,380.00	100.00000	2,800.00	93.00000	2,604.00
614-70225	Traffic Signal Face (12-12)	32.000 EACH	650.00000	20,800.00	590.00000	18,880.00	585.00000	18,720.00
614-70336	Traffic Signal Face (12-12-12)	40.000 EACH	700.00000	28,000.00	1,020.00000	40,800.00	765.00000	30,600.00
614-72830	Communications Cabinet	16.000 EACH	12,000.00000	192,000.00	14,775.00000	236,400.00	11,900.00000	190,400.00
614-72875	Loop Detector Wire	12,320.000 LF	4.25000	52,360.00	4.00000	49,280.00	4.00000	49,280.00
614-72878	Traffic Signal Vehicle Detector Amplifier (Loop Type) (4 Channel)	20.000 EACH	1,000.00000	20,000.00	900.00000	18,000.00	1,150.00000	23,000.00
614-72884	Traffic Signal Vehicle Detector (Micro Wave Type)	1.000 EACH	10,000.00000	10,000.00	9,785.00000	9,785.00	11,700.00000	11,700.00

Page 6 of 16

03/22/2019

Printed On:

			(0) -EST- Engineer's Estimate		(1) 720A STURGEON ELECTRIC COMPANY, INC		(2) 697 W.L. CONTRA INC.	
Item Code	Description	Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 ROADWAY					LCC:		
614-72887	Microwave Vehicle Radar Detector	16.000 EACH	10,500.00000	168,000.00	11,135.00000	178,160.00	12,900.00000	206,400.00
614-80000	Flashing Beacon	32.000 EACH	3,000.00000	96,000.00	3,020.00000	96,640.00	3,885.00000	124,320.00
614-81135	Traffic Signal-Light Pole Steel (1-35 Foot Mast Arm)	2.000 EACH	13,000.00000	26,000.00	16,630.00000	33,260.00	15,990.00000	31,980.00
614-81145	Traffic Signal-Light Pole Steel (1-45 Foot Mast Arm)	2.000 EACH	17,000.00000	34,000.00	18,305.00000	36,610.00	16,750.00000	33,500.00
614-84100	Traffic Signal Pedestal Pole Aluminum	32.000 EACH	1,500.00000	48,000.00	1,945.00000	62,240.00	2,260.00000	72,320.00
614-86007	Serial to IP Converter	16.000 EACH	1,150.00000	18,400.00	1,095.00000	17,520.00	765.00000	12,240.00
614-86250	Ramp Metering Controller	16.000 EACH	2,300.00000	36,800.00	1,615.00000	25,840.00	1,650.00000	26,400.00
614-87010	Fiber Optic Cable (Single Mode) (12 Fiber)	11,845.000 LF	3.00000	35,535.00	2.15000	25,466.75	2.50000	29,612.50
614-87012	Fiber Optic Termination Panel (12 Fiber)	12.000 EACH	1,250.00000	15,000.00	1,330.00000	15,960.00	1,400.00000	16,800.00
614-87015	Buffer Tube Fan Out Kit	12.000 EACH	230.00000	2,760.00	80.00000	960.00	70.00000	840.00
614-87350	Test Fiber Optic Cable	1.000 LS	6,000.00000	6,000.00	8,265.00000	8,265.00	5,850.00000	5,850.00
614-87692	Ethernet Switch Type II	12.000 EACH	3,500.00000	42,000.00	2,865.00000	34,380.00	3,375.00000	40,500.00
620-00020	Sanitary Facility	1.000 EACH	2,500.00000	2,500.00	2,915.00000	2,915.00	2,575.00000	2,575.00
625-00000	Construction Surveying	1.000 LS	20,000.00000	20,000.00	14,080.00000	14,080.00	23,850.00000	23,850.00
626-00000	Mobilization	1.000 LS	170,000.00000	170,000.00	130,000.00000	130,000.00	415,750.00000	415,750.00

Page 7 of 16

03/22/2019

Printed On:

		Eng		(0) -EST Engineer's Es		(1) 720A STURGEON ELECTRIC COMPANY, INC		(2) 697A W.L. CONTRACTORS, INC.	
Item Code	Description	Quant	ity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 ROADWAY						LCC:		
626-01104	Public Information Services (Tier IV)	1.000	LS	10,000.00000	10,000.00	10,040.00000	10,040.00	11,000.00000	11,000.00
627-00008	Modified Epoxy Pavement Marking	29.000	GAL	40.00000	1,160.00	360.00000	10,440.00	415.00000	12,035.00
627-00013	Pavement Marking Paint (High Build)	15.000	GAL	45.00000	675.00	145.00000	2,175.00	159.00000	2,385.00
627-02010	Preformed Plastic Pavement Marking (Type II) (Inlaid)	265.000	SF	12.00000	3,180.00	24.00000	6,360.00	28.00000	7,420.00
627-30210	Thermoplastic Pavement Marking (Xwalk-Stopline)	552.000	SF	18.00000	9,936.00	17.00000	9,384.00	19.00000	10,488.00
630-00000	Flagging	880.000 H	HOUR	30.00000	26,400.00	28.00000	24,640.00	33.00000	29,040.00
630-00007	Traffic Control Inspection	40.000	DAY	150.00000	6,000.00	225.00000	9,000.00	265.00000	10,600.00
630-00012	Traffic Control Management	110.000	DAY	850.00000	93,500.00	1,475.00000	162,250.00	1,400.00000	154,000.00
630-00015	Uniformed Traffic Control Coordination	30.000 H	HOUR	75.00000	2,250.00	15.00000	450.00	82.00000	2,460.00
630-80335	Barricade (Type 3 M-A) (Temporary)	6.000 I	EACH	150.00000	900.00	60.00000	360.00	70.00000	420.00
630-80341	Construction Traffic Sign (Panel Size A)	32.000 l	EACH	45.00000	1,440.00	33.00000	1,056.00	38.00000	1,216.00
630-80342	Construction Traffic Sign (Panel Size B)	18.000 l	EACH	85.00000	1,530.00	38.00000	684.00	45.00000	810.00
630-80355	Portable Message Sign Panel	4.000 I	EACH	4,500.00000	18,000.00	3,745.00000	14,980.00	4,425.00000	17,700.00
630-80358	Advance Warning Flashing or Sequencing Arrow Panel (C Type)	3.000	EACH	1,500.00000	4,500.00	1,280.00000	3,840.00	1,500.00000	4,500.00
630-80370	Concrete Barrier (Temporary)	3,516.000	LF	45.00000	158,220.00	10.00000	35,160.00	51.00000	179,316.00

Tabulation of Bids

Page 8 of 16

03/22/2019

Printed On:

					(0) -EST- Engineer's Estimate		(1) 720A STURGEON ELECTRIC COMPANY, INC		(2) 697A W.L. CONTRACTORS INC.	
Item Code	Descri	ption	Quant	ity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	ROADWAY						LCC:		
630-80393	Stackable Vertice	cal Panels	50.000 I	EACH	25.00000	1,250.00	20.00000	1,000.00	23.00000	1,150.00
630-85006	Impact Attenuat Barrel) (Tempor	or (Sand Filled Plastic ary)	4.000	EACH	4,500.00000	18,000.00	3,765.00000	15,060.00	5,085.00000	20,340.00
630-85041	Mobile Attenuat	or	60.000	DAY	450.00000	27,000.00	345.00000	20,700.00	405.00000	24,300.00
Section To	otals:				\$3,46	6,114.00	\$3,86	66,299.75	\$4,13	39,449.00
Contract Grand Totals			\$3,40	66,114.00	\$3,8	66,299.75	\$4 ,1	139,449.00		

Page 9 of 16

03/22/2019

Printed On:

				(3) 1476 MORTON ELECT					
Item Code	Description	Quant	ity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 ROADWAY						LCC:		
201-00000	Clearing and Grubbing	1.000	LS	6,800.00000	6,800.00				
202-00090	Removal of Delineator	32.000 E	EACH	10.00000	320.00				
202-00210	Removal of Concrete Pavement	326.000	SY	186.00000	60,636.00				
202-00220	Removal of Asphalt Mat	25.000	SY	100.00000	2,500.00				
202-00250	Removal of Pavement Marking	1,355.000	SF	3.65000	4,945.75				
202-01000	Removal of Fence	745.000	LF	2.00000	1,490.00				
202-01130	Removal of Guardrail Type 3	303.000	LF	9.00000	2,727.00				
203-00000	Unclassified Excavation	2,024.000	CY	27.50000	55,660.00				
203-00060	Embankment Material (Complete In Place)	560.000	CY	22.00000	12,320.00				
203-00062	Embankment Material (Complete In Place) (Special)	412.000	CY	44.00000	18,128.00				
203-00066	Embankment Material (Complete In Place) (R40)	488.000	CY	44.00000	21,472.00				
203-01597	Potholing	100.000 H	IOUR	179.00000	17,900.00				
206-00065	Structure Backfill (Flow-Fill)	6.000	CY	300.00000	1,800.00				
207-00205	Topsoil	2,256.000	CY	20.00000	45,120.00				
207-00210	Stockpile Topsoil	2,256.000	CY	11.00000	24,816.00				

Page 10 of 16

03/22/2019

Printed On:

		CONTRACT ID. CZZ	(3) 1476					
			MORTON ELECT	RIC, INC.				
Item Code	Description	Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 ROADWAY					LCC:		
208-00012	Erosion Log Type 1 (9 Inch)	7,152.000 LF	5.50000	39,336.00				
208-00035	Aggregate Bag	240.000 LF	9.00000	2,160.00				
208-00045	Concrete Washout Structure	16.000 EACH	600.00000	9,600.00				
208-00053	Storm Drain Inlet Protection (Type I) (84 Inch)	9.000 EACH	200.00000	1,800.00				
208-00054	Storm Drain Inlet Protection (Type II)	9.000 EACH	302.00000	2,718.00				
208-00070	Vehicle Tracking Pad	3.000 EACH	2,070.00000	6,210.00				
208-00103	Removal and Disposal of Sediment (Labor)	85.000 HOUR	20.00000	1,700.00				
208-00105	Removal and Disposal of Sediment (Equipment)	85.000 HOUR	20.00000	1,700.00				
208-00106	Sweeping (Sediment Removal)	66.000 HOUR	129.00000	8,514.00				
208-00107	Removal of Trash	20.000 HOUR	20.00000	400.00				
208-00207	Erosion Control Management	132.000 DAY	130.00000	17,160.00				
210-00750	Reset Light Standard	3.000 EACH	804.45000	2,413.35				
210-00810	Reset Ground Sign	1.000 EACH	500.00000	500.00				
212-00006	Seeding (Native)	3.300 ACRE	737.00000	2,432.10				
212-00032	Soil Conditioning	3.300 ACRE	4,400.00000	14,520.00				

Page 11 of 16

03/22/2019

Printed On:

				(3) 1476A MORTON ELECT					
Item Code	Description	Quant	ity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 ROADWAY						LCC:		
213-00003	Mulching (Weed Free)	3.300 A	CRE	1,965.00000	6,484.50				
217-00020	Herbicide Treatment	10.000 H	IOUR	93.50000	935.00				
307-00212	Processing Lime Treated Subgrade (12 Inch)	760.000	SY	50.00000	38,000.00				
403-00721	Hot Mix Asphalt (Patching) (Asphalt)	406.000	SY	300.00000	121,800.00				
412-00800	Concrete Pavement (8 Inch)	525.000	SY	225.50000	118,387.50				
412-01000	Concrete Pavement (10 Inch)	1,236.000	SY	235.00000	290,460.00				
503-00018	Drilled Caisson (18 Inch)	105.000	LF	244.25000	25,646.25				
503-00036	Drilled Caisson (36 Inch)	76.000	LF	500.00000	38,000.00				
507-00100	Concrete Slope and Ditch Paving (Reinforced)	1.000	CY	4,015.00000	4,015.00				
606-00301	Guardrail Type 3 (6-3 Post Spacing)	733.000	LF	41.00000	30,053.00				
606-01340	End Anchorage Type 3D	1.000 E	ACH	3,850.00000	3,850.00				
606-02003	End Anchorage (Nonflared)	2.000 E	ACH	4,660.00000	9,320.00				
607-01000	Fence Barbed Wire with Metal Posts	740.000	LF	5.75000	4,255.00				
607-11525	Fence (Plastic)	2,260.000	LF	4.00000	9,040.00				
609-60011	Curb Type 6 (Section M)	303.000	LF	35.00000	10,605.00				

Page 12 of 16

03/22/2019

Printed On:

				(3) 1476/ MORTON ELECT					
Item Code	Description	Quant	tity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 ROADWAY						LCC:		
612-00101	Delineator (Drivable Concrete Installation) (Type I)	17.000 E	EACH	160.00000	2,720.00				
612-00102	Delineator (Drivable Concrete Installation) (Type II)	12.000 F	EACH	170.00000	2,040.00				
612-00260	Location Marker (Fiber Optic)(Dome)	29.000 E	EACH	50.00000	1,450.00				
612-00270	Location Marker (Utility)(Flat Slat)	83.000 E	EACH	35.00000	2,905.00				
613-00206	2 Inch Electrical Conduit (Bored)	37,350.000	LF	12.60000	470,610.00				
613-00306	3 Inch Electrical Conduit (Bored)	12,525.000	LF	14.00000	175,350.00				
613-01200	2 Inch Electrical Conduit (Plastic)	1,450.000	LF	11.00000	15,950.00				
613-01300	3 Inch Electrical Conduit (Plastic)	335.000	LF	13.00000	4,355.00				
613-04100	Electrical System Modifications	1.000	LS	19,320.00000	19,320.00				
613-07000	Pull Box (Special)	36.000 E	EACH	1,514.00000	54,504.00				
613-07011	Pull Box (11"x18"x12")	83.000	EACH	713.00000	59,179.00				
613-07023	Pull Box (24"x36"x24")	14.000 E	EACH	1,678.00000	23,492.00				
613-07040	Pull Box (30"x48"x24")	15.000 E	EACH	2,088.00000	31,320.00				
613-10000	Wiring	1.000	LS	173,165.00000	173,165.00				
613-32350	Light Standard Steel (35 Foot)	17.000 E	EACH	3,334.00000	56,678.00				

Page 13 of 16

Printed On: 03/22/2019

\sim	70	\sim
C22	<i>1</i> ×	n

			(3) 1476A MORTON ELECTRIC, INC					
Item Code	Description	Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 ROADWAY					LCC:		
613-40010	Light Standard Foundation	17.000 EACH	1,000.35000	17,005.95				
613-80130	Service Meter Cabinet	3.000 EACH	5,000.00000	15,000.00				
613-80274	Structure Mounted Disconnect Switch	13.000 EACH	495.00000	6,435.00				
614-00011	Sign Panel (Class I)	290.000 SF	14.95000	4,335.50				
614-00012	Sign Panel (Class II)	67.000 SF	19.95000	1,336.65				
614-01583	Steel Sign Support (2-1/2 In Round Sch 80) (Post & Slipbase)	2.000 EACH	500.00000	1,000.00				
614-70024	1310nm SFP Optic Module	26.000 EACH	260.00000	6,760.00				
614-70028	CWDM SFP Optic Module	2.000 EACH	802.00000	1,604.00				
614-70030	Optical Attenuator	28.000 EACH	81.00000	2,268.00				
614-70225	Traffic Signal Face (12-12)	32.000 EACH	522.00000	16,704.00				
614-70336	Traffic Signal Face (12-12-12)	40.000 EACH	830.20000	33,208.00				
614-72830	Communications Cabinet	16.000 EACH	10,936.00000	174,976.00				
614-72875	Loop Detector Wire	12,320.000 LF	6.50000	80,080.00				
	Traffic Signal Vehicle Detector Amplifier (Loop Type) (4 Channel)	20.000 EACH		16,100.00				
614-72884	Traffic Signal Vehicle Detector (Micro Wave Type)	1.000 EACH	9,691.00000	9,691.00				

Page 14 of 16

03/22/2019

Printed On:

			(3) 1476A MORTON ELECTRIC, INC.					
Item Code	Description	Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 ROADWAY					LCC:		
614-72887	Microwave Vehicle Radar Detector	16.000 EACH	11,082.45000	177,319.20				
614-80000	Flashing Beacon	32.000 EACH	3,006.00000	96,192.00				
614-81135	Traffic Signal-Light Pole Steel (1-35 Foot Mast Arm)	2.000 EACH	20,441.50000	40,883.00				
614-81145	Traffic Signal-Light Pole Steel (1-45 Foot Mast Arm)	2.000 EACH	21,511.00000	43,022.00				
614-84100	Traffic Signal Pedestal Pole Aluminum	32.000 EACH	1,492.00000	47,744.00				
614-86007	Serial to IP Converter	16.000 EACH	795.00000	12,720.00				
614-86250	Ramp Metering Controller	16.000 EACH	1,500.00000	24,000.00				
614-87010	Fiber Optic Cable (Single Mode) (12 Fiber)	11,845.000 LF	1.75000	20,728.75				
614-87012	Fiber Optic Termination Panel (12 Fiber)	12.000 EACH	1,212.00000	14,544.00				
614-87015	Buffer Tube Fan Out Kit	12.000 EACH	61.00000	732.00				
614-87350	Test Fiber Optic Cable	1.000 LS	5,050.00000	5,050.00				
614-87692	Ethernet Switch Type II	12.000 EACH	2,902.00000	34,824.00				
620-00020	Sanitary Facility	1.000 EACH	2,500.00000	2,500.00				
625-00000	Construction Surveying	1.000 LS	13,640.00000	13,640.00				
626-00000	Mobilization	1.000 LS	658,000.00000	658,000.00				

Page 15 of 16

03/22/2019

Printed On:

				(3) 1476/ MORTON ELECT					
Item Code	Description	Quan	tity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 ROADWAY						LCC:		
626-01104	Public Information Services (Tier IV)	1.000	LS	13,098.00000	13,098.00				
627-00008	Modified Epoxy Pavement Marking	29.000	GAL	360.00000	10,440.00				
627-00013	Pavement Marking Paint (High Build)	15.000	GAL	138.00000	2,070.00				
627-02010	Preformed Plastic Pavement Marking (Type II) (Inlaid)	265.000	SF	25.00000	6,625.00				
627-30210	Thermoplastic Pavement Marking (Xwalk-Stopline)	552.000	SF	17.00000	9,384.00				
630-00000	Flagging	880.000	HOUR	29.00000	25,520.00				
630-00007	Traffic Control Inspection	40.000	DAY	228.00000	9,120.00				
630-00012	Traffic Control Management	110.000	DAY	1,221.00000	134,310.00				
630-00015	Uniformed Traffic Control Coordination	30.000	HOUR	5.50000	165.00				
630-80335	Barricade (Type 3 M-A) (Temporary)	6.000	EACH	60.50000	363.00				
630-80341	Construction Traffic Sign (Panel Size A)	32.000	EACH	33.00000	1,056.00				
630-80342	Construction Traffic Sign (Panel Size B)	18.000	EACH	38.50000	693.00				
630-80355	Portable Message Sign Panel	4.000	EACH	3,828.00000	15,312.00				
630-80358	Advance Warning Flashing or Sequencing Arrow Panel (C Type)	3.000	EACH	1,309.00000	3,927.00				
630-80370	Concrete Barrier (Temporary)	3,516.000	LF	71.50000	251,394.00				

Tabulation of Bids

Page 16 of 16

03/22/2019

Printed On:

			(3) 1476A MORTON ELECTRIC, INC.					
Item Code	Description	Quantity	Unit Price An	mount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 ROADWAY					LCC:		
630-80393	Stackable Vertical Panels	50.000 EACH	20.00000 1	1,000.00				
630-85006	Impact Attenuator (Sand Filled Plastic Barrel) (Temporary)	4.000 EACH	4,675.00000 18	8,700.00				
630-85041	Mobile Attenuator	60.000 DAY	352.00000 21	1,120.00				
Section To	tals:		\$4,294,3	387.50				
Contract (Grand Totals		\$4,294,	,387.50				

Low Bid Item Analysis

Page 1 of 10

03/22/2019

Printed On:

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0005	201-00000 Clearing and Gru	1.000 ubbing	5,000.00000	13,150.00000 L S	5,000.00	13,150.00	263.00%	8,150.00
0010	202-00090 Removal of Delir	32.000 neator	13.00000	72.00000 EACH	416.00	2,304.00	553.85%	1,888.00
0015	202-00210 Removal of Cond	326.000 crete Pavement	37.00000	165.00000 SY	12,062.00	53,790.00	445.95%	41,728.00
0020	202-00220 Removal of Asph	25.000 nalt Mat	21.00000	170.00000 SY	525.00	4,250.00	809.52%	3,725.00
0025	202-00250 Removal of Pave	1,355.000 ement Marking	1.00000	4.50000 SF	1,355.00	6,097.50	450.00%	4,742.50
0030	202-01000 Removal of Fend	745.000 ce	3.00000	2.00000 LF	2,235.00	1,490.00	66.67%	-745.00
0035	202-01130 Removal of Gua	303.000 rdrail Type 3	5.00000	9.50000 LF	1,515.00	2,878.50	190.00%	1,363.50
0040	203-00000 Unclassified Exc	2,024.000 avation	45.00000	38.00000 CY	91,080.00	76,912.00	84.44%	-14,168.00
0045	203-00060 Embankment Ma	560.000 aterial (Complete In	22.00000 Place)	72.00000 CY	12,320.00	40,320.00	327.27%	28,000.00
0050	203-00062 Embankment Ma (Special)	412.000 aterial (Complete In	20.00000 Place)	90.00000 CY	8,240.00	37,080.00	450.00%	28,840.00
0055	203-00066	488.000 aterial (Complete In	20.00000 Place) (R40)	90.00000 CY	9,760.00	43,920.00	450.00%	34,160.00
0060	203-01597 Potholing	100.000	200.00000	285.00000 HOUR	20,000.00	28,500.00	142.50%	8,500.00

Low Bid Item Analysis

Printed On: Page 2 of 10

03/22/2019

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0065	206-00065 Structure Backfill	6.000 (Flow-Fill)	400.00000	190.00000 CY	2,400.00	1,140.00	47.50%	-1,260.00
0070	207-00205 Topsoil	2,256.000	25.00000	45.00000 CY	56,400.00	101,520.00	180.00%	45,120.00
0075	207-00210 Stockpile Topsoil	2,256.000	12.00000	25.00000 CY	27,072.00	56,400.00	208.33%	29,328.00
0800	208-00012 Erosion Log Type	7,152.000 e 1 (9 Inch)	10.00000	8.00000 LF	71,520.00	57,216.00	80.00%	-14,304.00
0085	208-00035 Aggregate Bag	240.000	12.00000	7.50000 LF	2,880.00	1,800.00	62.50%	-1,080.00
0090	208-00045 Concrete Washo	16.000 ut Structure	1,500.00000	1,550.00000 EACH	24,000.00	24,800.00	103.33%	800.00
0095	208-00053 Storm Drain Inlet	9.000 Protection (Type I)	130.00000 (84 Inch)	215.00000 EACH	1,170.00	1,935.00	165.38%	765.00
0100	208-00054 Storm Drain Inlet	9.000 Protection (Type II	150.00000)	315.00000 EACH	1,350.00	2,835.00	210.00%	1,485.00
0105	208-00070 Vehicle Tracking	3.000 Pad	2,500.00000	2,500.00000 EACH	7,500.00	7,500.00	100.00%	0.00
0110	208-00103 Removal and Dis	85.000 posal of Sediment	75.00000 (Labor)	70.00000 HOUR	6,375.00	5,950.00	93.33%	-425.00
0115	208-00105 Removal and Dis	85.000 posal of Sediment	125.00000 (Equipment)	94.00000 HOUR	10,625.00	7,990.00	75.20%	-2,635.00
0120	208-00106 Sweeping (Sedim	66.000 nent Removal)	165.00000	135.00000 HOUR	10,890.00	8,910.00	81.82%	-1,980.00

Low Bid Item Analysis

Printed On: Page 3 of 10

03/22/2019

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0125	208-00107 Removal of Tras	20.000 h	125.00000	64.00000 HOUR	2,500.00	1,280.00	51.20%	-1,220.00
0130	208-00207 Erosion Control I	132.000 Management	250.00000	140.00000 DAY	33,000.00	18,480.00	56.00%	-14,520.00
0135	210-00750 Reset Light Stan	3.000 dard	2,300.00000	1,825.00000 EACH	6,900.00	5,475.00	79.35%	-1,425.00
0140	210-00810 Reset Ground Si	1.000 ign	300.00000	340.00000 EACH	300.00	340.00	113.33%	40.00
0145	212-00006 Seeding (Native)	3.300	800.00000	770.00000 ACRE	2,640.00	2,541.00	96.25%	-99.00
0150	212-00032 Soil Conditioning	3.300	3,000.00000	4,350.00000 ACRE	9,900.00	14,355.00	145.00%	4,455.00
0155	213-00003 Mulching (Weed	3.300 Free)	1,000.00000	1,965.00000 ACRE	3,300.00	6,484.50	196.50%	3,184.50
0160	217-00020 Herbicide Treatm	10.000 nent	150.00000	110.00000 HOUR	1,500.00	1,100.00	73.33%	-400.00
0165	307-00212 Processing Lime	760.000 Treated Subgrade	12.00000 (12 Inch)	20.00000 SY	9,120.00	15,200.00	166.67%	6,080.00
0170	403-00721 Hot Mix Asphalt	406.000 (Patching) (Asphalt)	300.00000	58.00000 SY	121,800.00	23,548.00	19.33%	-98,252.00
0175	412-00800 Concrete Pavem	525.000 nent (8 Inch)	135.00000	135.00000 SY	70,875.00	70,875.00	100.00%	0.00
0180	412-01000 Concrete Pavem	1,236.000 nent (10 Inch)	150.00000	140.00000 SY	185,400.00	173,040.00	93.33%	-12,360.00

Low Bid Item Analysis

Printed On: **03/22/2019**Page 4 of 10

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0185	503-00018 Drilled Caisson	105.000 (18 Inch)	250.00000	290.00000 LF	26,250.00	30,450.00	116.00%	4,200.00
0190	503-00036 Drilled Caisson	76.000 (36 Inch)	450.00000	500.00000 LF	34,200.00	38,000.00	111.11%	3,800.00
0195	507-00100 Concrete Slope	1.000 and Ditch Paving (R	500.00000 einforced)	2,450.00000 CY	500.00	2,450.00	490.00%	1,950.00
0200	606-00301 Guardrail Type 3	733.000 3 (6-3 Post Spacing)	35.00000	40.00000 LF	25,655.00	29,320.00	114.29%	3,665.00
0205	606-01340 End Anchorage	1.000 Type 3D	1,500.00000	3,810.00000 EACH	1,500.00	3,810.00	254.00%	2,310.00
0210	606-02003 End Anchorage	2.000 (Nonflared)	3,500.00000	4,600.00000 EACH	7,000.00	9,200.00	131.43%	2,200.00
0215	607-01000 Fence Barbed V	740.000 Vire with Metal Posts	8.00000	5.50000 LF	5,920.00	4,070.00	68.75%	-1,850.00
0220	607-11525 Fence (Plastic)	2,260.000	4.00000	4.00000 LF	9,040.00	9,040.00	100.00%	0.00
0225	609-60011 Curb Type 6 (Se	303.000 ection M)	18.00000	61.00000 LF	5,454.00	18,483.00	338.89%	13,029.00
0230	612-00101 Delineator (Driva	17.000 able Concrete Install	110.00000 ation) (Type	150.00000 EACH	1,870.00	2,550.00	136.36%	680.00
0235	612-00102 Delineator (Driva	12.000 able Concrete Install	125.00000 ation) (Type	150.00000 EACH	1,500.00	1,800.00	120.00%	300.00

Low Bid Item Analysis

Page 5 of 10

03/22/2019

Printed On:

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0240	612-00260 Location Marker	29.000 (Fiber Optic)(Dome)	76.00000	125.00000 EACH	2,204.00	3,625.00	164.47%	1,421.00
0245	612-00270 Location Marker	83.000 (Utility)(Flat Slat)	80.00000	90.00000 EACH	6,640.00	7,470.00	112.50%	830.00
0250	613-00206 2 Inch Electrical	37,350.000 Conduit (Bored)	13.00000	15.50000 LF	485,550.00	578,925.00	119.23%	93,375.00
0255	613-00306 3 Inch Electrical	12,525.000 Conduit (Bored)	15.00000	18.50000 LF	187,875.00	231,712.50	123.33%	43,837.50
0260	613-01200 2 Inch Electrical	1,450.000 Conduit (Plastic)	12.00000	12.00000 LF	17,400.00	17,400.00	100.00%	0.00
0265	613-01300 3 Inch Electrical	335.000 Conduit (Plastic)	12.00000	13.00000 LF	4,020.00	4,355.00	108.33%	335.00
0270	613-04100 Electrical Syster	1.000 m Modifications	10,000.00000	9,345.00000 L S	10,000.00	9,345.00	93.45%	-655.00
0275	613-07000 Pull Box (Specia	36.000 al)	400.00000	845.00000 EACH	14,400.00	30,420.00	211.25%	16,020.00
0280	613-07011 Pull Box (11"x18	83.000 3"x12")	500.00000	990.00000 EACH	41,500.00	82,170.00	198.00%	40,670.00
0285	613-07023 Pull Box (24"x36	14.000 6"x24")	1,500.00000	2,010.00000 EACH	21,000.00	28,140.00	134.00%	7,140.00
0290	613-07040 Pull Box (30"x48	15.000 3"x24")	2,000.00000	2,570.00000 EACH	30,000.00	38,550.00	128.50%	8,550.00
0295	613-10000 Wiring	1.000	155,000.00000	265,600.00000 L S	155,000.00	265,600.00	171.35%	110,600.00

Low Bid Item Analysis

Page 6 of 10

03/22/2019

Printed On:

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0300	613-32350 Light Standard S	17.000 Steel (35 Foot)	3,000.00000	2,240.00000 EACH	51,000.00	38,080.00	74.67%	-12,920.00
0305	613-40010 Light Standard F	17.000 Foundation	1,250.00000	1,480.00000 EACH	21,250.00	25,160.00	118.40%	3,910.00
0310	613-80130 Service Meter C	3.000 abinet	5,000.00000	5,915.00000 EACH	15,000.00	17,745.00	118.30%	2,745.00
0315	613-80274 Structure Moun	13.000 ted Disconnect Swit	20.00000 ch	685.00000 EACH	260.00	8,905.00	3425.00%	8,645.00
0320	614-00011 Sign Panel (Clas	290.000 ss I)	25.00000	32.00000 SF	7,250.00	9,280.00	128.00%	2,030.00
0325	614-00012 Sign Panel (Clas	67.000 ss II)	25.00000	51.00000 SF	1,675.00	3,417.00	204.00%	1,742.00
0330	614-01583 Steel Sign Supp (Post & Slipbase	2.000 ort (2-1/2 In Round	500.00000 Sch 80)	525.00000 EACH	1,000.00	1,050.00	105.00%	50.00
0335	614-70024 1310nm SFP Op	26.000 otic Module	300.00000	265.00000 EACH	7,800.00	6,890.00	88.33%	-910.00
0340	614-70028 CWDM SFP Opt	2.000 tic Module	1,000.00000	830.00000 EACH	2,000.00	1,660.00	83.00%	-340.00
0345	614-70030 Optical Attenuate	28.000 or	85.00000	100.00000 EACH	2,380.00	2,800.00	117.65%	420.00
0350	614-70225 Traffic Signal Fa	32.000 ce (12-12)	650.00000	590.00000 EACH	20,800.00	18,880.00	90.77%	-1,920.00
0355	614-70336 Traffic Signal Fa	40.000 ce (12-12-12)	700.00000	1,020.00000 EACH	28,000.00	40,800.00	145.71%	12,800.00

Low Bid Item Analysis

Printed On: **03/22/2019**Page 7 of 10

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0360	614-72830 Communications	16.000 Cabinet	12,000.00000	14,775.00000 EACH	192,000.00	236,400.00	123.13%	44,400.00
0365	614-72875 Loop Detector W	12,320.000 /ire	4.25000	4.00000 LF	52,360.00	49,280.00	94.12%	-3,080.00
0370	614-72878 Traffic Signal Ve Type) (4 Channe	20.000 hicle Detector Amp el)	1,000.00000 lifier (Loop	900.00000 EACH	20,000.00	18,000.00	90.00%	-2,000.00
0375	614-72884 Traffic Signal Ve Type)	1.000 hicle Detector (Mic	10,000.00000 ro Wave	9,785.00000 EACH	10,000.00	9,785.00	97.85%	-215.00
0380	614-72887 Microwave Vehic	16.000 cle Radar Detector	10,500.00000	11,135.00000 EACH	168,000.00	178,160.00	106.05%	10,160.00
0385	614-80000 Flashing Beacor	32.000	3,000.00000	3,020.00000 EACH	96,000.00	96,640.00	100.67%	640.00
0390	614-81135 Traffic Signal-Lig Arm)	2.000 ght Pole Steel (1-35	13,000.00000 Foot Mast	16,630.00000 EACH	26,000.00	33,260.00	127.92%	7,260.00
0395	614-81145 Traffic Signal-Lig Arm)	2.000 ght Pole Steel (1-45	17,000.00000 Foot Mast	18,305.00000 EACH	34,000.00	36,610.00	107.68%	2,610.00
0400	614-84100 Traffic Signal Pe	32.000 destal Pole Alumin	1,500.00000 um	1,945.00000 EACH	48,000.00	62,240.00	129.67%	14,240.00
0405	614-86007 Serial to IP Conv	16.000 verter	1,150.00000	1,095.00000 EACH	18,400.00	17,520.00	95.22%	-880.00
0410	614-86250 Ramp Metering	16.000 Controller	2,300.00000	1,615.00000 EACH	36,800.00	25,840.00	70.22%	-10,960.00

Low Bid Item Analysis

Page 8 of 10

03/22/2019

Printed On:

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0415	614-87010 Fiber Optic Cabl	11,845.000 e (Single Mode) (1:	3.00000 2 Fiber)	2.15000 LF	35,535.00	25,466.75	71.67%	-10,068.25
0420	614-87012 Fiber Optic Term	12.000 nination Panel (12	1,250.00000 Fiber)	1,330.00000 EACH	15,000.00	15,960.00	106.40%	960.00
0425	614-87015 Buffer Tube Fan	12.000 Out Kit	230.00000	80.00000 EACH	2,760.00	960.00	34.78%	-1,800.00
0430	614-87350 Test Fiber Optic	1.000 Cable	6,000.00000	8,265.00000 L S	6,000.00	8,265.00	137.75%	2,265.00
0435	614-87692 Ethernet Switch	12.000 Type II	3,500.00000	2,865.00000 EACH	42,000.00	34,380.00	81.86%	-7,620.00
0440	620-00020 Sanitary Facility	1.000	2,500.00000	2,915.00000 EACH	2,500.00	2,915.00	116.60%	415.00
0445	625-00000 Construction Sur	1.000 rveying	20,000.00000	14,080.00000 L S	20,000.00	14,080.00	70.40%	-5,920.00
0450	626-00000 Mobilization	1.000	170,000.00000	130,000.00000 L S	170,000.00	130,000.00	76.47%	-40,000.00
0455	626-01104 Public Information	1.000 on Services (Tier IV	10,000.00000	10,040.00000 L S	10,000.00	10,040.00	100.40%	40.00
0460	627-00008 Modified Epoxy	29.000 Pavement Marking	40.00000	360.00000 GAL	1,160.00	10,440.00	900.00%	9,280.00
0465	627-00013 Pavement Marki	15.000 ng Paint (High Buil	45.00000 d)	145.00000 GAL	675.00	2,175.00	322.22%	1,500.00
0470	627-02010 Preformed Plast (Inlaid)	265.000 ic Pavement Markii	12.00000 ng (Type II)	24.00000 SF	3,180.00	6,360.00	200.00%	3,180.00

Low Bid Item Analysis

Page 9 of 10

03/22/2019

Printed On:

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0475	627-30210 Thermoplastic P Stopline)	552.000 avement Marking (X	18.00000 walk-	17.00000 SF	9,936.00	9,384.00	94.44%	-552.00
0480	630-00000 Flagging	880.000	30.00000	28.00000 HOUR	26,400.00	24,640.00	93.33%	-1,760.00
0485	630-00007 Traffic Control In	40.000 spection	150.00000	225.00000 DAY	6,000.00	9,000.00	150.00%	3,000.00
0490	630-00012 Traffic Control M	110.000 anagement	850.00000	1,475.00000 DAY	93,500.00	162,250.00	173.53%	68,750.00
0495	630-00015 Uniformed Traffi	30.000 c Control Coordinati	75.00000 on	15.00000 HOUR	2,250.00	450.00	20.00%	-1,800.00
0500	630-80335 Barricade (Type	6.000 3 M-A) (Temporary)	150.00000	60.00000 EACH	900.00	360.00	40.00%	-540.00
0505	630-80341 Construction Tra	32.000 iffic Sign (Panel Size	45.00000 e A)	33.00000 EACH	1,440.00	1,056.00	73.33%	-384.00
0510	630-80342 Construction Tra	18.000 iffic Sign (Panel Size	85.00000 e B)	38.00000 EACH	1,530.00	684.00	44.71%	-846.00
0515	630-80355 Portable Messag	4.000 ge Sign Panel	4,500.00000	3,745.00000 EACH	18,000.00	14,980.00	83.22%	-3,020.00
0520	630-80358 Advance Warnin Panel (C Type)	3.000 g Flashing or Seque	1,500.00000 encing Arrow	1,280.00000 EACH	4,500.00	3,840.00	85.33%	-660.00
0525	630-80370 Concrete Barrier	3,516.000 (Temporary)	45.00000	10.00000 LF	158,220.00	35,160.00	22.22%	-123,060.00

Low Bid Item Analysis

Printed On: Page 10 of 10

03/22/2019

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0530	630-80393 Stackable Vertic	50.000 al Panels	25.00000	20.00000 EACH	1,250.00	1,000.00	80.00%	-250.00
0535	630-85006 Impact Attenuato (Temporary)	4.000 or (Sand Filled Plast	4,500.00000 ic Barrel)	3,765.00000 EACH	18,000.00	15,060.00	83.67%	-2,940.00
0540	630-85041 Mobile Attenuato	60.000 or	450.00000	345.00000 DAY	27,000.00	20,700.00	76.67%	-6,300.00
Section 0001 Subtotal					\$3,466,114.00	\$3,866,299.75	111.55%	\$400,185.75
Contract Total for Calculated Low Bidders Bid Items					\$3,466,114.00	\$3,866,299.75	111.55%	\$400,185.75