

Colorado Department Of Transportation

Printed On: 12/13/2018

Low Bid Summary

Page 1 of 1

Letting Date: December 13, 2018

Call Order	Contract ID	Project(s)	# of Bids	Low Bidder	Estimated Cost	Corrected Bid	Percent of Estimate	Overrun (+) Underrun (-)
005	C22366	SHER100-302	3	W.L. CONTRACTORS, INC.	\$3,319,749.83	\$2,797,304.90	84.26%	-\$522,444.93
Letting Totals			3		\$3,319,749.83	\$2,797,304.90	84.26%	-\$522,444.93

Colorado Department Of Transportation

Printed On: 12/13/2018

Vendor Ranking

Page 1 of 1

Letting No: 20181213
 Letting Date: December 13, 2018
 Letting Time: 10:00 AM

Contract ID: C22366
 Region: 1
 Contract Time: 151 WORKING DAYS

Project(s): SHER100-302
 Counties: ADAMS, DOUGLAS,
 REGION 1,
 JEFFERSON

Contract Description:

This Project will consist of installation and reset of ramp metering at various locations in Region 1 along C470 and I76.

A mandatory pre-bid will be held on December 3, 2018 at 10:00am, the meeting will be held at CDOT HQ/R1:

Valley Highway Conference Room 158
 Region 1 Traffic & Safety
 2829 W. Howard Place,
 Denver, CO 80204

Rank	Vendor ID	Vendor Name	Total Bid	Percent Of Low Bid	Percent Of Estimate
1	697A	W.L. CONTRACTORS, INC.	\$2,797,304.90	100.00%	84.26%
2	1507A	PAONIA, INC dba PAONIA, LLC	\$3,212,559.65	114.84%	96.77%
0	-EST-	Engineer's Estimate	\$3,319,749.83	118.68%	100.00%
3	720A	STURGEON ELECTRIC COMPANY, INC.	\$3,744,100.00	133.85%	112.78%

Tabulation of Bids

Letting No: 20181213
 Letting Date: December 13, 2018
 Letting Time: 10:00 AM

Contract ID: C22366
 Region: 1

Counties: ADAMS,
 DOUGLAS,
 REGION 1,
 JEFFERSON

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 697A W.L. CONTRACTORS, INC.		(2) 1507A PAONIA, INC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 ROADWAY							
					LCC:			
202-00250	Removal of Pavement Marking	90.000 SF	0.75000	67.50	6.00000	540.00	3.88500	349.65
202-00700	Removal of Light Standard	1.000 EACH	373.00000	373.00	555.00000	555.00	345.00000	345.00
203-01597	Potholing	100.000 HOUR	200.00000	20,000.00	160.00000	16,000.00	10.00000	1,000.00
206-00065	Structure Backfill (Flow-Fill)	6.000 CY	205.00000	1,230.00	180.00000	1,080.00	169.00000	1,014.00
208-00012	Erosion Log Type 1 (9 Inch)	5,040.000 LF	15.00000	75,600.00	7.00000	35,280.00	5.00000	25,200.00
208-00035	Aggregate Bag	240.000 LF	12.00000	2,880.00	17.00000	4,080.00	8.00000	1,920.00
208-00045	Concrete Washout Structure	21.000 EACH	1,000.00000	21,000.00	2,180.00000	45,780.00	2,900.00000	60,900.00
208-00053	Storm Drain Inlet Protection (Type I) (84 Inch)	11.000 EACH	150.00000	1,650.00	107.00000	1,177.00	192.00000	2,112.00
208-00054	Storm Drain Inlet Protection (Type II)	11.000 EACH	275.00000	3,025.00	202.00000	2,222.00	288.00000	3,168.00
208-00103	Removal and Disposal of Sediment (Labor)	85.000 HOUR	90.00000	7,650.00	37.00000	3,145.00	10.00000	850.00
208-00105	Removal and Disposal of Sediment (Equipment)	85.000 HOUR	150.00000	12,750.00	77.00000	6,545.00	10.00000	850.00
208-00106	Sweeping (Sediment Removal)	73.000 HOUR	160.00000	11,680.00	80.00000	5,840.00	10.00000	730.00
208-00107	Removal of Trash	20.000 HOUR	120.00000	2,400.00	40.00000	800.00	10.00000	200.00

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			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 ROADWAY				LCC:			
210-00810	Reset Ground Sign	7.000 EACH	200.00000	1,400.00	320.00000	2,240.00	249.00000	1,743.00
212-00006	Seeding (Native)	0.900 ACRE	1,500.00000	1,350.00	945.00000	850.50	2,500.00000	2,250.00
212-00032	Soil Conditioning	0.900 ACRE	1,500.00000	1,350.00	3,838.00000	3,454.20	2,500.00000	2,250.00
213-00003	Mulching (Weed Free)	0.900 ACRE	1,500.00000	1,350.00	3,928.00000	3,535.20	750.00000	675.00
503-00018	Drilled Caisson (18 Inch)	119.000 LF	185.00000	22,015.00	205.00000	24,395.00	250.00000	29,750.00
503-00036	Drilled Caisson (36 Inch)	152.000 LF	375.00000	57,000.00	335.00000	50,920.00	500.00000	76,000.00
612-00260	Location Marker (Fiber Optic)(Dome)	47.000 EACH	75.00000	3,525.00	75.00000	3,525.00	100.00000	4,700.00
612-00270	Location Marker (Utility)(Flat Slat)	95.000 EACH	70.00000	6,650.00	66.00000	6,270.00	85.00000	8,075.00
613-00125	1-1/4 Inch Electrical Conduit	290.000 LF	24.00000	6,960.00	15.00000	4,350.00	17.50000	5,075.00
613-00206	2 Inch Electrical Conduit (Bored)	54,350.000 LF	14.00000	760,900.00	9.80000	532,630.00	13.25000	720,137.50
613-00306	3 Inch Electrical Conduit (Bored)	8,510.000 LF	14.00000	119,140.00	14.50000	123,395.00	15.25000	129,777.50
613-01200	2 Inch Electrical Conduit (Plastic)	2,120.000 LF	5.00000	10,600.00	10.00000	21,200.00	20.00000	42,400.00
613-01300	3 Inch Electrical Conduit (Plastic)	610.000 LF	10.00000	6,100.00	13.00000	7,930.00	25.00000	15,250.00
613-07000	Pull Box (Special)	28.000 EACH	600.00000	16,800.00	160.00000	4,480.00	495.00000	13,860.00

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			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 ROADWAY							
					LCC:			
613-07011	Pull Box (11"x18"x12")	95.000 EACH	600.00000	57,000.00	600.00000	57,000.00	700.00000	66,500.00
613-07023	Pull Box (24"x36"x24")	32.000 EACH	1,400.00000	44,800.00	1,550.00000	49,600.00	1,550.00000	49,600.00
613-07040	Pull Box (30"x48"x24")	16.000 EACH	1,750.00000	28,000.00	1,990.00000	31,840.00	2,000.00000	32,000.00
613-10000	Wiring	1.000 L S	50,000.00000	50,000.00	155,000.00000	155,000.00	85,000.00000	85,000.00
613-13000	Luminaire (LED)	1.000 EACH	1,100.00000	1,100.00	1,035.00000	1,035.00	500.00000	500.00
613-32350	Light Standard Steel (35 Foot)	17.000 EACH	2,500.00000	42,500.00	1,850.00000	31,450.00	1,400.00000	23,800.00
613-40010	Light Standard Foundation	17.000 EACH	1,300.00000	22,100.00	1,590.00000	27,030.00	1,790.00000	30,430.00
613-50132	2-Plex Receptacle (With Box and Cover)	1.000 EACH	500.00000	500.00	140.00000	140.00	490.00000	490.00
613-80130	Service Meter Cabinet	11.000 EACH	5,000.00000	55,000.00	4,371.00000	48,081.00	7,000.00000	77,000.00
613-80274	Structure Mounted Disconnect Switch	13.000 EACH	2,500.00000	32,500.00	425.00000	5,525.00	1,000.00000	13,000.00
614-00011	Sign Panel (Class I)	312.500 SF	28.00000	8,750.00	25.00000	7,812.50	11.00000	3,437.50
614-00012	Sign Panel (Class II)	116.500 SF	32.00000	3,728.00	33.00000	3,844.50	15.00000	1,747.50
614-00041	Sign Post (Special)	1.000 EACH	1,000.33000	1,000.33	3,767.00000	3,767.00	2,400.00000	2,400.00
614-01583	Steel Sign Support (2-1/2 In Round Sch 80) (Post & Slipbase)	4.000 EACH	500.00000	2,000.00	423.00000	1,692.00	359.00000	1,436.00

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			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 ROADWAY				LCC:			
614-70024	1310nm SFP Optic Module	40.000 EACH	575.00000	23,000.00	281.00000	11,240.00	750.00000	30,000.00
614-70028	CWDM SFP Optic Module	6.000 EACH	1,650.00000	9,900.00	869.00000	5,214.00	2,100.00000	12,600.00
614-70030	Optical Attenuator	46.000 EACH	200.00000	9,200.00	87.00000	4,002.00	165.00000	7,590.00
614-70225	Traffic Signal Face (12-12)	34.000 EACH	650.00000	22,100.00	501.00000	17,034.00	400.00000	13,600.00
614-70336	Traffic Signal Face (12-12-12)	46.000 EACH	800.00000	36,800.00	633.00000	29,118.00	600.00000	27,600.00
614-72830	Communications Cabinet	16.000 EACH	25,000.00000	400,000.00	14,023.00000	224,368.00	14,000.00000	224,000.00
614-72875	Loop Detector Wire	18,130.000 LF	4.00000	72,520.00	4.50000	81,585.00	7.50000	135,975.00
614-72878	Traffic Signal Vehicle Detector Amplifier (Loop Type) (4 Channel)	23.000 EACH	1,200.00000	27,600.00	513.00000	11,799.00	1,050.00000	24,150.00
614-72884	Traffic Signal Vehicle Detector (Micro Wave Type)	1.000 EACH	7,500.00000	7,500.00	10,081.00000	10,081.00	11,500.00000	11,500.00
614-72887	Microwave Vehicle Radar Detector	17.000 EACH	8,000.00000	136,000.00	10,552.00000	179,384.00	12,000.00000	204,000.00
614-80000	Flashing Beacon	34.000 EACH	3,000.00000	102,000.00	2,178.00000	74,052.00	1,200.00000	40,800.00
614-81135	Traffic Signal-Light Pole Steel (1-35 Foot Mast Arm)	2.000 EACH	13,000.00000	26,000.00	14,639.00000	29,278.00	15,900.00000	31,800.00
614-81145	Traffic Signal-Light Pole Steel (1-45 Foot Mast Arm)	3.000 EACH	17,000.00000	51,000.00	16,046.00000	48,138.00	17,500.00000	52,500.00

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			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 ROADWAY				LCC:			
614-81155	Traffic Signal-Light Pole Steel (1-55 Foot Mast Arm)	3.000 EACH	18,000.00000	54,000.00	18,431.00000	55,293.00	19,900.00000	59,700.00
614-84100	Traffic Signal Pedestal Pole Aluminum	34.000 EACH	1,700.00000	57,800.00	2,488.00000	84,592.00	1,600.00000	54,400.00
614-86007	Serial to IP Converter	22.000 EACH	1,000.00000	22,000.00	742.00000	16,324.00	1,500.00000	33,000.00
614-86250	Ramp Metering Controller	17.000 EACH	1,400.00000	23,800.00	1,582.00000	26,894.00	3,500.00000	59,500.00
614-87010	Fiber Optic Cable (Single Mode) (12 Fiber)	20,730.000 LF	5.00000	103,650.00	2.00000	41,460.00	4.50000	93,285.00
614-87012	Fiber Optic Termination Panel (12 Fiber)	17.000 EACH	1,000.00000	17,000.00	1,312.00000	22,304.00	1,250.00000	21,250.00
614-87015	Buffer Tube Fan Out Kit	17.000 EACH	1,000.00000	17,000.00	66.00000	1,122.00	139.00000	2,363.00
614-87350	Test Fiber Optic Cable	1.000 L S	5,000.00000	5,000.00	5,472.00000	5,472.00	13,500.00000	13,500.00
614-87692	Ethernet Switch Type II	20.000 EACH	5,000.00000	100,000.00	3,145.00000	62,900.00	5,000.00000	100,000.00
614-87698	Ethernet Aggregation Switch Type II	2.000 EACH	23,000.00000	46,000.00	25,455.00000	50,910.00	15,000.00000	30,000.00
620-00020	Sanitary Facility	1.000 EACH	2,500.00000	2,500.00	950.00000	950.00	2,500.00000	2,500.00
625-00000	Construction Surveying	1.000 L S	3,000.00000	3,000.00	22,650.00000	22,650.00	17,000.00000	17,000.00
626-00000	Mobilization	1.000 L S	200,000.00000	200,000.00	141,500.00000	141,500.00	100,000.00000	100,000.00
626-01104	Public Information Services (Tier IV)	1.000 L S	5,000.00000	5,000.00	7,548.00000	7,548.00	10,000.00000	10,000.00

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			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 ROADWAY				LCC:			
627-00008	Modified Epoxy Pavement Marking	2.000 GAL	300.00000	600.00	506.00000	1,012.00	489.00000	978.00
627-01010	Preformed Plastic Pavement Marking (Type I)(Inlaid)	652.000 SF	15.00000	9,780.00	23.00000	14,996.00	21.00000	13,692.00
627-30210	Thermoplastic Pavement Marking (Xwalk-Stopline)	744.000 SF	14.00000	10,416.00	18.00000	13,392.00	21.00000	15,624.00
630-00000	Flagging	200.000 HOUR	35.00000	7,000.00	31.00000	6,200.00	25.00000	5,000.00
630-00007	Traffic Control Inspection	29.000 DAY	200.00000	5,800.00	89.00000	2,581.00	10.00000	290.00
630-00012	Traffic Control Management	145.000 DAY	850.00000	123,250.00	828.00000	120,060.00	1,100.00000	159,500.00
630-80341	Construction Traffic Sign (Panel Size A)	72.000 EACH	65.00000	4,680.00	65.00000	4,680.00	50.00000	3,600.00
630-80342	Construction Traffic Sign (Panel Size B)	116.000 EACH	100.00000	11,600.00	137.00000	15,892.00	60.00000	6,960.00
630-80343	Construction Traffic Sign (Panel Size C)	8.000 EACH	110.00000	880.00	119.00000	952.00	80.00000	640.00
630-80355	Portable Message Sign Panel	2.000 EACH	6,000.00000	12,000.00	2,136.00000	4,272.00	17,000.00000	34,000.00
630-80356	Advance Warning Flashing or Sequencing Arrow Panel (A Type)	2.000 EACH	1,600.00000	3,200.00	830.00000	1,660.00	3,500.00000	7,000.00
630-80363	Drum Channelizing Device (With Light) (Flashing)	10.000 EACH	43.00000	430.00	41.00000	410.00	39.00000	390.00
630-80380	Traffic Cone	40.000 EACH	12.00000	480.00	17.00000	680.00	15.00000	600.00

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			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 ROADWAY				LCC:			
630-80393	Stackable Vertical Panels	30.000 EACH	28.00000	840.00	17.00000	510.00	25.00000	750.00
630-85041	Mobile Attenuator	40.000 DAY	600.00000	24,000.00	219.00000	8,760.00	325.00000	13,000.00
Section Totals:				\$3,319,749.83		\$2,797,304.90		\$3,212,559.65
Contract Grand Totals				\$3,319,749.83		\$2,797,304.90		\$3,212,559.65

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Item Code	Description	Quantity		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 ROADWAY						LCC:		
202-00250	Removal of Pavement Marking	90.000	SF	8.00000	720.00				
202-00700	Removal of Light Standard	1.000	EACH	875.00000	875.00				
203-01597	Potholing	100.000	HOUR	325.00000	32,500.00				
206-00065	Structure Backfill (Flow-Fill)	6.000	CY	200.00000	1,200.00				
208-00012	Erosion Log Type 1 (9 Inch)	5,040.000	LF	7.00000	35,280.00				
208-00035	Aggregate Bag	240.000	LF	9.00000	2,160.00				
208-00045	Concrete Washout Structure	21.000	EACH	525.00000	11,025.00				
208-00053	Storm Drain Inlet Protection (Type I) (84 Inch)	11.000	EACH	150.00000	1,650.00				
208-00054	Storm Drain Inlet Protection (Type II)	11.000	EACH	285.00000	3,135.00				
208-00103	Removal and Disposal of Sediment (Labor)	85.000	HOUR	85.00000	7,225.00				
208-00105	Removal and Disposal of Sediment (Equipment)	85.000	HOUR	100.00000	8,500.00				
208-00106	Sweeping (Sediment Removal)	73.000	HOUR	150.00000	10,950.00				
208-00107	Removal of Trash	20.000	HOUR	80.00000	1,600.00				

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Item Code	Description	Quantity		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 ROADWAY						LCC:		
210-00810	Reset Ground Sign	7.000 EACH		250.00000	1,750.00				
212-00006	Seeding (Native)	0.900 ACRE		1,075.00000	967.50				
212-00032	Soil Conditioning	0.900 ACRE		6,255.00000	5,629.50				
213-00003	Mulching (Weed Free)	0.900 ACRE		3,000.00000	2,700.00				
503-00018	Drilled Caisson (18 Inch)	119.000 LF		290.00000	34,510.00				
503-00036	Drilled Caisson (36 Inch)	152.000 LF		460.00000	69,920.00				
612-00260	Location Marker (Fiber Optic)(Dome)	47.000 EACH		110.00000	5,170.00				
612-00270	Location Marker (Utility)(Flat Slat)	95.000 EACH		105.00000	9,975.00				
613-00125	1-1/4 Inch Electrical Conduit	290.000 LF		24.50000	7,105.00				
613-00206	2 Inch Electrical Conduit (Bored)	54,350.000 LF		17.00000	923,950.00				
613-00306	3 Inch Electrical Conduit (Bored)	8,510.000 LF		22.25000	189,347.50				
613-01200	2 Inch Electrical Conduit (Plastic)	2,120.000 LF		13.25000	28,090.00				
613-01300	3 Inch Electrical Conduit (Plastic)	610.000 LF		15.25000	9,302.50				
613-07000	Pull Box (Special)	28.000 EACH		725.00000	20,300.00				

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Item Code	Description	Quantity		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 ROADWAY						LCC:		
613-07011	Pull Box (11"x18"x12")	95.000	EACH	1,260.00000	119,700.00				
613-07023	Pull Box (24"x36"x24")	32.000	EACH	2,350.00000	75,200.00				
613-07040	Pull Box (30"x48"x24")	16.000	EACH	2,975.00000	47,600.00				
613-10000	Wiring	1.000	L S	342,000.00000	342,000.00				
613-13000	Luminaire (LED)	1.000	EACH	820.00000	820.00				
613-32350	Light Standard Steel (35 Foot)	17.000	EACH	2,085.00000	35,445.00				
613-40010	Light Standard Foundation	17.000	EACH	1,835.00000	31,195.00				
613-50132	2-Plex Receptacle (With Box and Cover)	1.000	EACH	1,655.00000	1,655.00				
613-80130	Service Meter Cabinet	11.000	EACH	6,400.00000	70,400.00				
613-80274	Structure Mounted Disconnect Switch	13.000	EACH	1,775.00000	23,075.00				
614-00011	Sign Panel (Class I)	312.500	SF	40.00000	12,500.00				
614-00012	Sign Panel (Class II)	116.500	SF	55.00000	6,407.50				
614-00041	Sign Post (Special)	1.000	EACH	2,023.00000	2,023.00				
614-01583	Steel Sign Support (2-1/2 In Round Sch 80) (Post & Slipbase)	4.000	EACH	1,225.00000	4,900.00				

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			(3) 720A STURGEON ELECTRIC COMPANY, INC					
Item Code	Description	Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 ROADWAY					LCC:		
614-70024	1310nm SFP Optic Module	40.000 EACH	270.00000	10,800.00				
614-70028	CWDM SFP Optic Module	6.000 EACH	785.00000	4,710.00				
614-70030	Optical Attenuator	46.000 EACH	100.00000	4,600.00				
614-70225	Traffic Signal Face (12-12)	34.000 EACH	735.00000	24,990.00				
614-70336	Traffic Signal Face (12-12-12)	46.000 EACH	1,185.00000	54,510.00				
614-72830	Communications Cabinet	16.000 EACH	15,125.00000	242,000.00				
614-72875	Loop Detector Wire	18,130.000 LF	4.25000	77,052.50				
614-72878	Traffic Signal Vehicle Detector Amplifier (Loop Type) (4 Channel)	23.000 EACH	885.00000	20,355.00				
614-72884	Traffic Signal Vehicle Detector (Micro Wave Type)	1.000 EACH	9,850.00000	9,850.00				
614-72887	Microwave Vehicle Radar Detector	17.000 EACH	10,295.00000	175,015.00				
614-80000	Flashing Beacon	34.000 EACH	2,025.00000	68,850.00				
614-81135	Traffic Signal-Light Pole Steel (1-35 Foot Mast Arm)	2.000 EACH	16,000.00000	32,000.00				
614-81145	Traffic Signal-Light Pole Steel (1-45 Foot Mast Arm)	3.000 EACH	17,450.00000	52,350.00				

Tabulation of Bids

Letting No: 20181213
 Letting Date: December 13, 2018
 Letting Time: 10:00 AM

Contract ID: C22366
 Region: 1

Counties: ADAMS,
 DOUGLAS,
 REGION 1,
 JEFFERSON

			(3) 720A STURGEON ELECTRIC COMPANY, INC					
Item Code	Description	Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 ROADWAY					LCC:		
614-81155	Traffic Signal-Light Pole Steel (1-55 Foot Mast Arm)	3.000 EACH	19,875.00000	59,625.00				
614-84100	Traffic Signal Pedestal Pole Aluminum	34.000 EACH	3,055.00000	103,870.00				
614-86007	Serial to IP Converter	22.000 EACH	1,235.00000	27,170.00				
614-86250	Ramp Metering Controller	17.000 EACH	1,590.00000	27,030.00				
614-87010	Fiber Optic Cable (Single Mode) (12 Fiber)	20,730.000 LF	2.00000	41,460.00				
614-87012	Fiber Optic Termination Panel (12 Fiber)	17.000 EACH	1,300.00000	22,100.00				
614-87015	Buffer Tube Fan Out Kit	17.000 EACH	80.00000	1,360.00				
614-87350	Test Fiber Optic Cable	1.000 L S	6,050.00000	6,050.00				
614-87692	Ethernet Switch Type II	20.000 EACH	2,800.00000	56,000.00				
614-87698	Ethernet Aggregation Switch Type II	2.000 EACH	24,575.00000	49,150.00				
620-00020	Sanitary Facility	1.000 EACH	6,695.00000	6,695.00				
625-00000	Construction Surveying	1.000 L S	10,900.00000	10,900.00				
626-00000	Mobilization	1.000 L S	140,000.00000	140,000.00				
626-01104	Public Information Services (Tier IV)	1.000 L S	8,525.00000	8,525.00				

Tabulation of Bids

Letting No: 20181213
 Letting Date: December 13, 2018
 Letting Time: 10:00 AM

Contract ID: C22366
 Region: 1

Counties: ADAMS,
 DOUGLAS,
 REGION 1,
 JEFFERSON

				(3) 720A STURGEON ELECTRIC COMPANY, INC					
Item Code	Description	Quantity		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 ROADWAY					LCC:			
627-00008	Modified Epoxy Pavement Marking	2.000	GAL	500.00000	1,000.00				
627-01010	Preformed Plastic Pavement Marking (Type I)(Inlaid)	652.000	SF	20.00000	13,040.00				
627-30210	Thermoplastic Pavement Marking (Xwalk-Stopline)	744.000	SF	20.00000	14,880.00				
630-00000	Flagging	200.000	HOUR	28.00000	5,600.00				
630-00007	Traffic Control Inspection	29.000	DAY	80.00000	2,320.00				
630-00012	Traffic Control Management	145.000	DAY	945.00000	137,025.00				
630-80341	Construction Traffic Sign (Panel Size A)	72.000	EACH	60.00000	4,320.00				
630-80342	Construction Traffic Sign (Panel Size B)	116.000	EACH	125.00000	14,500.00				
630-80343	Construction Traffic Sign (Panel Size C)	8.000	EACH	105.00000	840.00				
630-80355	Portable Message Sign Panel	2.000	EACH	1,900.00000	3,800.00				
630-80356	Advance Warning Flashing or Sequencing Arrow Panel (A Type)	2.000	EACH	750.00000	1,500.00				
630-80363	Drum Channelizing Device (With Light) (Flashing)	10.000	EACH	40.00000	400.00				
630-80380	Traffic Cone	40.000	EACH	20.00000	800.00				

Tabulation of Bids

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Contract ID: C22366
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Counties: ADAMS,
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 REGION 1,
 JEFFERSON

			(3) 720A STURGEON ELECTRIC COMPANY, INC					
Item Code	Description	Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION: 0001 ROADWAY					LCC:			
630-80393	Stackable Vertical Panels	30.000 EACH	20.00000	600.00				
630-85041	Mobile Attenuator	40.000 DAY	200.00000	8,000.00				
Section Totals:				\$3,744,100.00				
Contract Grand Totals				\$3,744,100.00				

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Low Bid Item Analysis

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Letting No: 20181213
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Contract ID: C22366
 Region: 1
 Contract Time: 151 WORKING DAYS

Counties: ADAMS,
 DOUGLAS,
 REGION 1
 Project(s): SHERIDAN, 302
 JEFFERSON

Contract Description:

This Project will consist of installation and reset of ramp metering at various locations in Region 1 along C470 and I76.

A mandatory pre-bid will be held on December 3, 2018 at 10:00am, the meeting will be held at CDOT HQ/R1:

Valley Highway Conference Room 158
 Region 1 Traffic & Safety
 2829 W. Howard Place,
 Denver, CO 80204

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0005	202-00250 Removal of Pavement Marking	90.000	0.75000	6.00000 SF	67.50	540.00	800.00%	472.50
0010	202-00700 Removal of Light Standard	1.000	373.00000	555.00000 EACH	373.00	555.00	148.79%	182.00
0015	203-01597 Potholing	100.000	200.00000	160.00000 HOUR	20,000.00	16,000.00	80.00%	-4,000.00
0020	206-00065 Structure Backfill (Flow-Fill)	6.000	205.00000	180.00000 CY	1,230.00	1,080.00	87.80%	-150.00
0025	208-00012 Erosion Log Type 1 (9 Inch)	5,040.000	15.00000	7.00000 LF	75,600.00	35,280.00	46.67%	-40,320.00
0030	208-00035 Aggregate Bag	240.000	12.00000	17.00000 LF	2,880.00	4,080.00	141.67%	1,200.00

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Contract ID: C22366
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Counties: ADAMS,
 DOUGLAS,
 REGION 1
 Project(s): SHERIDAN, 302
 JEFFERSON

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Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0035	208-00045 Concrete Washout Structure	21.000	1,000.00000	2,180.00000 EACH	21,000.00	45,780.00	218.00%	24,780.00
0040	208-00053 Storm Drain Inlet Protection (Type I) (84 Inch)	11.000	150.00000	107.00000 EACH	1,650.00	1,177.00	71.33%	-473.00
0045	208-00054 Storm Drain Inlet Protection (Type II)	11.000	275.00000	202.00000 EACH	3,025.00	2,222.00	73.45%	-803.00
0050	208-00103 Removal and Disposal of Sediment (Labor)	85.000	90.00000	37.00000 HOUR	7,650.00	3,145.00	41.11%	-4,505.00
0055	208-00105 Removal and Disposal of Sediment (Equipment)	85.000	150.00000	77.00000 HOUR	12,750.00	6,545.00	51.33%	-6,205.00
0060	208-00106 Sweeping (Sediment Removal)	73.000	160.00000	80.00000 HOUR	11,680.00	5,840.00	50.00%	-5,840.00

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Contract ID: C22366
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Counties: ADAMS,
 DOUGLAS,
 REGION 1
 Project(s): SHERIDAN, 302
 JEFFERSON

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Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0065	208-00107 Removal of Trash	20.000	120.00000	40.00000 HOUR	2,400.00	800.00	33.33%	-1,600.00
0070	210-00810 Reset Ground Sign	7.000	200.00000	320.00000 EACH	1,400.00	2,240.00	160.00%	840.00
0075	212-00006 Seeding (Native)	0.900	1,500.00000	945.00000 ACRE	1,350.00	850.50	63.00%	-499.50
0080	212-00032 Soil Conditioning	0.900	1,500.00000	3,838.00000 ACRE	1,350.00	3,454.20	255.87%	2,104.20
0085	213-00003 Mulching (Weed Free)	0.900	1,500.00000	3,928.00000 ACRE	1,350.00	3,535.20	261.87%	2,185.20
0090	503-00018 Drilled Caisson (18 Inch)	119.000	185.00000	205.00000 LF	22,015.00	24,395.00	110.81%	2,380.00

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Letting No: 20181213
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Contract ID: C22366
 Region: 1
 Contract Time: 151 WORKING DAYS

Counties: ADAMS,
 DOUGLAS,
 REGION 1
 Project(s): SHERIDAN-302
 JEFFERSON

Contract Description:

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Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0095	503-00036 Drilled Caisson (36 Inch)	152.000	375.00000	335.00000 LF	57,000.00	50,920.00	89.33%	-6,080.00
0100	612-00260 Location Marker (Fiber Optic)(Dome)	47.000	75.00000	75.00000 EACH	3,525.00	3,525.00	100.00%	0.00
0105	612-00270 Location Marker (Utility)(Flat Slat)	95.000	70.00000	66.00000 EACH	6,650.00	6,270.00	94.29%	-380.00
0110	613-00125 1-1/4 Inch Electrical Conduit	290.000	24.00000	15.00000 LF	6,960.00	4,350.00	62.50%	-2,610.00
0115	613-00206 2 Inch Electrical Conduit (Bored)	54,350.000	14.00000	9.80000 LF	760,900.00	532,630.00	70.00%	-228,270.00
0120	613-00306 3 Inch Electrical Conduit (Bored)	8,510.000	14.00000	14.50000 LF	119,140.00	123,395.00	103.57%	4,255.00

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Letting No: 20181213
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Contract ID: C22366
 Region: 1
 Contract Time: 151 WORKING DAYS

Counties: ADAMS,
 DOUGLAS,
 REGION 1
 Project(s): SHERIDAN-302
 JEFFERSON

Contract Description:

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 Denver, CO 80204

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0125	613-01200 2 Inch Electrical Conduit (Plastic)	2,120.000	5.00000	10.00000 LF	10,600.00	21,200.00	200.00%	10,600.00
0130	613-01300 3 Inch Electrical Conduit (Plastic)	610.000	10.00000	13.00000 LF	6,100.00	7,930.00	130.00%	1,830.00
0135	613-07000 Pull Box (Special)	28.000	600.00000	160.00000 EACH	16,800.00	4,480.00	26.67%	-12,320.00
0140	613-07011 Pull Box (11"x18"x12")	95.000	600.00000	600.00000 EACH	57,000.00	57,000.00	100.00%	0.00
0145	613-07023 Pull Box (24"x36"x24")	32.000	1,400.00000	1,550.00000 EACH	44,800.00	49,600.00	110.71%	4,800.00
0150	613-07040 Pull Box (30"x48"x24")	16.000	1,750.00000	1,990.00000 EACH	28,000.00	31,840.00	113.71%	3,840.00

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Letting No: 20181213
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Contract ID: C22366
 Region: 1
 Contract Time: 151 WORKING DAYS

Counties: ADAMS,
 DOUGLAS,
 REGION 1
 Project(s): SHERIDAN-302
 JEFFERSON

Contract Description:

This Project will consist of installation and reset of ramp metering at various locations in Region 1 along C470 and I76.

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 Region 1 Traffic & Safety
 2829 W. Howard Place,
 Denver, CO 80204

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0155	613-10000 Wiring	1.000	50,000.00000	155,000.00000 L S	50,000.00	155,000.00	310.00%	105,000.00
0160	613-13000 Luminaire (LED)	1.000	1,100.00000	1,035.00000 EACH	1,100.00	1,035.00	94.09%	-65.00
0165	613-32350 Light Standard Steel (35 Foot)	17.000	2,500.00000	1,850.00000 EACH	42,500.00	31,450.00	74.00%	-11,050.00
0170	613-40010 Light Standard Foundation	17.000	1,300.00000	1,590.00000 EACH	22,100.00	27,030.00	122.31%	4,930.00
0175	613-50132 2-Plex Receptacle (With Box and Cover)	1.000	500.00000	140.00000 EACH	500.00	140.00	28.00%	-360.00
0180	613-80130 Service Meter Cabinet	11.000	5,000.00000	4,371.00000 EACH	55,000.00	48,081.00	87.42%	-6,919.00

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Letting No: 20181213	Contract ID: C22366	Counties: ADAMS,
Letting Date: December 13, 2018	Region: 1	DOUGLAS,
Letting Time: 10:00 AM	Contract Time: 151 WORKING DAYS	Project(s): REGION 1 SER 100-302 JEFFERSON

Contract Description:

This Project will consist of installation and reset of ramp metering at various locations in Region 1 along C470 and I76.

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Region 1 Traffic & Safety
2829 W. Howard Place,
Denver, CO 80204

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0185	613-80274 Structure Mounted Disconnect Switch	13.000	2,500.00000	425.00000 EACH	32,500.00	5,525.00	17.00%	-26,975.00
0190	614-00011 Sign Panel (Class I)	312.500	28.00000	25.00000 SF	8,750.00	7,812.50	89.29%	-937.50
0195	614-00012 Sign Panel (Class II)	116.500	32.00000	33.00000 SF	3,728.00	3,844.50	103.13%	116.50
0200	614-00041 Sign Post (Special)	1.000	1,000.33000	3,767.00000 EACH	1,000.33	3,767.00	376.58%	2,766.67
0205	614-01583 Steel Sign Support (2-1/2 In Round Sch 80) (Post & Slipbase)	4.000	500.00000	423.00000 EACH	2,000.00	1,692.00	84.60%	-308.00

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Contract ID: C22366
 Region: 1
 Contract Time: 151 WORKING DAYS

Counties: ADAMS,
 DOUGLAS,
 REGION 1
 Project(s): SFR 100-302
 JEFFERSON

Contract Description:

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Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0210	614-70024 1310nm SFP Optic Module	40.000	575.00000	281.00000 EACH	23,000.00	11,240.00	48.87%	-11,760.00
0215	614-70028 CWDM SFP Optic Module	6.000	1,650.00000	869.00000 EACH	9,900.00	5,214.00	52.67%	-4,686.00
0220	614-70030 Optical Attenuator	46.000	200.00000	87.00000 EACH	9,200.00	4,002.00	43.50%	-5,198.00
0225	614-70225 Traffic Signal Face (12-12)	34.000	650.00000	501.00000 EACH	22,100.00	17,034.00	77.08%	-5,066.00
0230	614-70336 Traffic Signal Face (12-12-12)	46.000	800.00000	633.00000 EACH	36,800.00	29,118.00	79.13%	-7,682.00
0235	614-72830 Communications Cabinet	16.000	25,000.00000	14,023.00000 EACH	400,000.00	224,368.00	56.09%	-175,632.00

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Letting No: 20181213
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Contract ID: C22366
 Region: 1
 Contract Time: 151 WORKING DAYS

Counties: ADAMS,
 DOUGLAS,
 REGION 1
 Project(s): SHERIDAN, 302
 JEFFERSON

Contract Description:

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Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0240	614-72875 Loop Detector Wire	18,130.000	4.00000	4.50000 LF	72,520.00	81,585.00	112.50%	9,065.00
0245	614-72878 Traffic Signal Vehicle Detector Amplifier (Loop Type) (4 Channel)	23.000	1,200.00000	513.00000 EACH	27,600.00	11,799.00	42.75%	-15,801.00
0250	614-72884 Traffic Signal Vehicle Detector (Micro Wave Type)	1.000	7,500.00000	10,081.00000 EACH	7,500.00	10,081.00	134.41%	2,581.00
0255	614-72887 Microwave Vehicle Radar Detector	17.000	8,000.00000	10,552.00000 EACH	136,000.00	179,384.00	131.90%	43,384.00
0260	614-80000 Flashing Beacon	34.000	3,000.00000	2,178.00000 EACH	102,000.00	74,052.00	72.60%	-27,948.00

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Letting No: 20181213
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Counties: ADAMS,
 DOUGLAS,
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 Project(s): SHERIDAN, 302
 JEFFERSON

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Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0265	614-81135 Traffic Signal-Light Pole Steel (1-35 Foot Mast Arm)	2.000	13,000.00000	14,639.00000 EACH	26,000.00	29,278.00	112.61%	3,278.00
0270	614-81145 Traffic Signal-Light Pole Steel (1-45 Foot Mast Arm)	3.000	17,000.00000	16,046.00000 EACH	51,000.00	48,138.00	94.39%	-2,862.00
0275	614-81155 Traffic Signal-Light Pole Steel (1-55 Foot Mast Arm)	3.000	18,000.00000	18,431.00000 EACH	54,000.00	55,293.00	102.39%	1,293.00
0280	614-84100 Traffic Signal Pedestal Pole Aluminum	34.000	1,700.00000	2,488.00000 EACH	57,800.00	84,592.00	146.35%	26,792.00
0285	614-86007 Serial to IP Converter	22.000	1,000.00000	742.00000 EACH	22,000.00	16,324.00	74.20%	-5,676.00

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Letting No: 20181213
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Contract ID: C22366
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 Contract Time: 151 WORKING DAYS

Counties: ADAMS,
 DOUGLAS,
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 JEFFERSON

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Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0290	614-86250 Ramp Metering Controller	17.000	1,400.00000	1,582.00000 EACH	23,800.00	26,894.00	113.00%	3,094.00
0295	614-87010 Fiber Optic Cable (Single Mode) (12 Fiber)	20,730.000	5.00000	2.00000 LF	103,650.00	41,460.00	40.00%	-62,190.00
0300	614-87012 Fiber Optic Termination Panel (12 Fiber)	17.000	1,000.00000	1,312.00000 EACH	17,000.00	22,304.00	131.20%	5,304.00
0305	614-87015 Buffer Tube Fan Out Kit	17.000	1,000.00000	66.00000 EACH	17,000.00	1,122.00	6.60%	-15,878.00
0310	614-87350 Test Fiber Optic Cable	1.000	5,000.00000	5,472.00000 L S	5,000.00	5,472.00	109.44%	472.00
0315	614-87692 Ethernet Switch Type II	20.000	5,000.00000	3,145.00000 EACH	100,000.00	62,900.00	62.90%	-37,100.00

Colorado Department Of Transportation

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Low Bid Item Analysis

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Letting No: 20181213
 Letting Date: December 13, 2018
 Letting Time: 10:00 AM

Contract ID: C22366
 Region: 1
 Contract Time: 151 WORKING DAYS

Counties: ADAMS,
 DOUGLAS,
 REGION 1
 Project(s): SHERIDAN-302
 JEFFERSON

Contract Description:

This Project will consist of installation and reset of ramp metering at various locations in Region 1 along C470 and I76.

A mandatory pre-bid will be held on December 3, 2018 at 10:00am, the meeting will be held at CDOT HQ/R1:

Valley Highway Conference Room 158
 Region 1 Traffic & Safety
 2829 W. Howard Place,
 Denver, CO 80204

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0320	614-87698 Ethernet Aggregation Switch Type II	2.000	23,000.00000	25,455.00000 EACH	46,000.00	50,910.00	110.67%	4,910.00
0325	620-00020 Sanitary Facility	1.000	2,500.00000	950.00000 EACH	2,500.00	950.00	38.00%	-1,550.00
0330	625-00000 Construction Surveying	1.000	3,000.00000	22,650.00000 L S	3,000.00	22,650.00	755.00%	19,650.00
0335	626-00000 Mobilization	1.000	200,000.00000	141,500.00000 L S	200,000.00	141,500.00	70.75%	-58,500.00
0340	626-01104 Public Information Services (Tier IV)	1.000	5,000.00000	7,548.00000 L S	5,000.00	7,548.00	150.96%	2,548.00
0345	627-00008 Modified Epoxy Pavement Marking	2.000	300.00000	506.00000 GAL	600.00	1,012.00	168.67%	412.00

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SECTION:	0001	ROADWAY						
0350	627-01010 Preformed Plastic Pavement Marking (Type I)(Inlaid)	652.000	15.00000	23.00000 SF	9,780.00	14,996.00	153.33%	5,216.00
0355	627-30210 Thermoplastic Pavement Marking (Xwalk-Stopline)	744.000	14.00000	18.00000 SF	10,416.00	13,392.00	128.57%	2,976.00
0360	630-00000 Flagging	200.000	35.00000	31.00000 HOUR	7,000.00	6,200.00	88.57%	-800.00
0365	630-00007 Traffic Control Inspection	29.000	200.00000	89.00000 DAY	5,800.00	2,581.00	44.50%	-3,219.00
0370	630-00012 Traffic Control Management	145.000	850.00000	828.00000 DAY	123,250.00	120,060.00	97.41%	-3,190.00

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SECTION:	0001	ROADWAY						
0375	630-80341 Construction Traffic Sign (Panel Size A)	72.000	65.00000	65.00000 EACH	4,680.00	4,680.00	100.00%	0.00
0380	630-80342 Construction Traffic Sign (Panel Size B)	116.000	100.00000	137.00000 EACH	11,600.00	15,892.00	137.00%	4,292.00
0385	630-80343 Construction Traffic Sign (Panel Size C)	8.000	110.00000	119.00000 EACH	880.00	952.00	108.18%	72.00
0390	630-80355 Portable Message Sign Panel	2.000	6,000.00000	2,136.00000 EACH	12,000.00	4,272.00	35.60%	-7,728.00
0395	630-80356 Advance Warning Flashing or Sequencing Arrow Panel (A Type)	2.000	1,600.00000	830.00000 EACH	3,200.00	1,660.00	51.88%	-1,540.00

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SECTION:	0001	ROADWAY						
0400	630-80363 Drum Channelizing Device (With Light) (Flashing)	10.000	43.00000	41.00000 EACH	430.00	410.00	95.35%	-20.00
0405	630-80380 Traffic Cone	40.000	12.00000	17.00000 EACH	480.00	680.00	141.67%	200.00
0410	630-80393 Stackable Vertical Panels	30.000	28.00000	17.00000 EACH	840.00	510.00	60.71%	-330.00
0415	630-85041 Mobile Attenuator	40.000	600.00000	219.00000 DAY	24,000.00	8,760.00	36.50%	-15,240.00
Section 0001 Subtotal					\$3,319,749.83	\$2,797,304.90	84.26%	-\$522,444.93
Contract Total for Calculated Low Bidders Bid Items					\$3,319,749.83	\$2,797,304.90	84.26%	-\$522,444.93