

Colorado Department Of Transportation

Printed On: 11/14/2019

Low Bid Summary

Page 1 of 1

Letting Date: November 14, 2019

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Call Order	Contract ID	Project(s)	# of Bids	Low Bidder	Estimated Cost	Corrected Bid	Percent of Estimate	Overrun (+) Underrun (-)
002	C23031	ITS SW02-285	4	PAONIA, INC dba PAONIA, LLC	\$3,174,717.50	\$3,149,350.00	99.20%	-\$25,367.50
Letting Totals			4		\$3,174,717.50	\$3,149,350.00	99.20%	-\$25,367.50

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Vendor Ranking

Contract Description: STATEWIDE- I-70, I-225, US 40, SH 92, SH 145, US 285, I-25  
 Contract ID: C23031

ITS VMS REPLACEMENT

THIS PROJECT HAS AN OPTIONAL PRE-BID CONFERENCE ON MONDAY, NOVEMBER 4, 2019 BEGINNING AT 9:00 AM AT 425 CORPORATE CIRCLE, UNIT C, GOLDEN, CO 80401

Rank	Vendor ID	Vendor Name	Total Bid	Percent Of Low Bid	Percent Of Estimate
1	1507A	PAONIA, INC dba PAONIA, LLC	\$3,149,350.00	100.00%	99.20%
0	-EST-	Engineer's Estimate	\$3,174,717.50	100.81%	100.00%
2	1231A	INTERFACE COMMUNICATIONS COMPANY	\$3,509,471.00	111.43%	110.54%
3	1476A	MORTON ELECTRIC, INC.	\$3,875,981.10	123.07%	122.09%
4	1655	Casper Electric, Inc.	\$3,949,884.84	125.42%	124.42%

Tabulation of Bids

Contract ID: C23031

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1507A PAONIA, INC		(2) 1231A INTERFACE COMMUNICATIONS	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001	BID ITEMS						
						<b>LCC:</b>		
202-00805	Removal of Overhead Sign Structure	1.000 EACH	5,000.00000	5,000.00	5,000.00000	5,000.00	4,463.40000	4,463.40
202-00810	Removal of Ground Sign	14.000 EACH	2,000.00000	28,000.00	150.00000	2,100.00	4,200.00000	58,800.00
202-00823	Removal of Dynamic Message Sign	15.000 EACH	2,000.00000	30,000.00	2,500.00000	37,500.00	1,718.00000	25,770.00
202-01130	Removal of Guardrail Type 3	805.000 LF	10.00000	8,050.00	9.00000	7,245.00	15.00000	12,075.00
202-01170	Removal of Guardrail Type 7	140.000 LF	20.00000	2,800.00	56.00000	7,840.00	47.00000	6,580.00
202-01300	Removal of End Anchorage	5.000 EACH	300.00000	1,500.00	750.00000	3,750.00	689.00000	3,445.00
203-01597	Potholing	150.000 HOUR	200.00000	30,000.00	10.00000	1,500.00	215.00000	32,250.00
208-00002	Erosion Log Type 1 (12 Inch)	2,000.000 LF	5.00000	10,000.00	1.00000	2,000.00	6.00000	12,000.00
208-00035	Aggregate Bag	200.000 LF	8.00000	1,600.00	7.50000	1,500.00	18.00000	3,600.00
208-00046	Pre-fabricated Concrete Washout Structure (Type 1)	18.000 EACH	500.00000	9,000.00	125.00000	2,250.00	375.00000	6,750.00
208-00103	Removal and Disposal of Sediment (Labor)	100.000 HOUR	50.00000	5,000.00	5.00000	500.00	37.00000	3,700.00
208-00105	Removal and Disposal of Sediment (Equipment)	100.000 HOUR	125.00000	12,500.00	5.00000	500.00	49.00000	4,900.00
208-00106	Sweeping (Sediment Removal)	100.000 HOUR	150.00000	15,000.00	5.00000	500.00	84.00000	8,400.00
208-00107	Removal of Trash	100.000 HOUR	100.00000	10,000.00	5.00000	500.00	37.00000	3,700.00
212-00006	Seeding (Native)	0.800 ACRE	8,000.00000	6,400.00	4,375.00000	3,500.00	3,783.00000	3,026.40

Tabulation of Bids

Contract ID: C23031

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1507A PAONIA, INC		(2) 1231A INTERFACE COMMUNICATIONS COMPANY	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001	BID ITEMS						
						<b>LCC:</b>		
212-00032	Soil Conditioning	0.800 ACRE	8,000.00000	6,400.00	4,375.00000	3,500.00	12,702.00000	10,161.60
213-00003	Mulching (Weed Free)	0.100 ACRE	6,000.00000	600.00	35,000.00000	3,500.00	9,640.00000	964.00
213-00061	Mulch Tackifier	20.000 LB	4.00000	80.00	100.00000	2,000.00	26.00000	520.00
216-00201	Soil Retention Blanket (Straw-Coconut) (Biodegradable Class 1)	4,000.000 SY	2.00000	8,000.00	2.50000	10,000.00	5.00000	20,000.00
240-00000	Wildlife Biologist	40.000 HOUR	100.00000	4,000.00	167.00000	6,680.00	168.00000	6,720.00
240-00010	Removal of Nests	10.000 HOUR	100.00000	1,000.00	143.00000	1,430.00	144.00000	1,440.00
250-00010	Environmental Health and Safety Management	1.000 L S	5,000.00000	5,000.00	5,900.00000	5,900.00	5,927.00000	5,927.00
250-00050	Monitoring Technician	20.000 HOUR	100.00000	2,000.00	149.00000	2,980.00	150.00000	3,000.00
250-00120	Material Sampling and Delivery	2.000 EACH	200.00000	400.00	312.00000	624.00	314.00000	628.00
250-00200	Material Handling (Stockpile)	20.000 CY	50.00000	1,000.00	150.00000	3,000.00	145.00000	2,900.00
250-00210	Solid Waste Disposal	20.000 CY	300.00000	6,000.00	113.00000	2,260.00	114.00000	2,280.00
250-00220	Hazardous Waste Disposal	20.000 CY	300.00000	6,000.00	250.00000	5,000.00	208.00000	4,160.00
403-00721	Hot Mix Asphalt (Patching) (Asphalt)	300.000 SY	100.00000	30,000.00	65.00000	19,500.00	92.00000	27,600.00
503-00042	Drilled Shaft (42 Inch)	17.000 LF	700.00000	11,900.00	650.00000	11,050.00	751.00000	12,767.00
503-00048	Drilled Shaft (48 Inch)	186.000 LF	700.00000	130,200.00	750.00000	139,500.00	997.00000	185,442.00

Tabulation of Bids

Contract ID: C23031

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1507A PAONIA, INC		(2) 1231A INTERFACE COMMUNICATIONS COMPANY	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001	BID ITEMS						
						<b>LCC:</b>		
604-39050	Manhole (Traffic Management System)	1.000 EACH	8,000.00000	8,000.00	10,000.00000	10,000.00	6,000.00000	6,000.00
606-00301	Guardrail Type 3 (6-3 Post Spacing)	1,175.000 LF	30.00000	35,250.00	92.50000	108,687.50	43.00000	50,525.00
606-01340	End Anchorage Type 3D	2.000 EACH	1,400.00000	2,800.00	3,380.00000	6,760.00	1,461.00000	2,922.00
606-01370	Transition Type 3G	1.000 EACH	2,500.00000	2,500.00	7,000.00000	7,000.00	3,262.00000	3,262.00
606-01385	Transition Type 3J	2.000 EACH	2,000.00000	4,000.00	3,160.00000	6,320.00	2,202.00000	4,404.00
606-01390	End Anchorage Type 3K	2.000 EACH	2,000.00000	4,000.00	2,904.00000	5,808.00	2,351.00000	4,702.00
606-02005	End Anchorage (Flared)	9.000 EACH	2,800.00000	25,200.00	7,002.00000	63,018.00	3,260.00000	29,340.00
607-11525	Fence (Plastic)	200.000 LF	5.00000	1,000.00	1.00000	200.00	5.00000	1,000.00
612-00001	Delineator (Type I)	6.000 EACH	25.00000	150.00	25.00000	150.00	44.00000	264.00
612-00003	Delineator (Type III)	7.000 EACH	30.00000	210.00	30.00000	210.00	47.00000	329.00
612-00260	Location Marker (Fiber Optic)(Dome)	9.000 EACH	100.00000	900.00	125.00000	1,125.00	334.00000	3,006.00
612-00270	Location Marker (Utility)(Flat Slat)	16.000 EACH	80.00000	1,280.00	100.00000	1,600.00	72.00000	1,152.00
613-00206	2 Inch Electrical Conduit (Bored)	7,140.000 LF	35.00000	249,900.00	20.00000	142,800.00	40.00000	285,600.00
613-01200	2 Inch Electrical Conduit (Plastic)	650.000 LF	25.00000	16,250.00	20.00000	13,000.00	35.00000	22,750.00
613-07011	Pull Box (11"x18"x12")	21.000 EACH	1,000.00000	21,000.00	950.00000	19,950.00	918.00000	19,278.00

Tabulation of Bids

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Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1507A PAONIA, INC		(2) 1231A INTERFACE COMMUNICATIONS COMPANY	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001	BID ITEMS						
						<b>LCC:</b>		
613-07023	Pull Box (24"x36"x24")	14.000 EACH	1,500.00000	21,000.00	1,050.00000	14,700.00	1,885.00000	26,390.00
613-07040	Pull Box (30"x48"x24")	1.000 EACH	2,500.00000	2,500.00	1,250.00000	1,250.00	2,470.00000	2,470.00
613-80130	Service Meter Cabinet	16.000 EACH	5,000.00000	80,000.00	5,500.00000	88,000.00	6,336.00000	101,376.00
614-00011	Sign Panel (Class I)	36.500 SF	25.00000	912.50	25.00000	912.50	54.00000	1,971.00
614-00012	Sign Panel (Class II)	28.000 SF	25.00000	700.00	35.00000	980.00	32.00000	896.00
614-00818	Steel Sign Post (W 8x18)	40.000 LF	60.00000	2,400.00	75.00000	3,000.00	78.00000	3,120.00
614-01022	Steel Sign Post (W 10x22)	306.000 LF	100.00000	30,600.00	95.00000	29,070.00	95.00000	29,070.00
614-03003	Concrete Footing (Type 3)	2.000 EACH	3,500.00000	7,000.00	2,500.00000	5,000.00	3,500.00000	7,000.00
614-03005	Concrete Footing (Type 5)	18.000 EACH	2,500.00000	45,000.00	3,500.00000	63,000.00	3,600.00000	64,800.00
614-10115	Dynamic Message Sign (Color LED)(Overhead) 26' Color	2.000 EACH	120,000.00000	240,000.00	129,000.00000	258,000.00	112,340.00000	224,680.00
614-10120	Variable Message Sign 18' Amber	5.000 EACH	70,000.00000	350,000.00	78,000.00000	390,000.00	72,464.00000	362,320.00
614-10127	Variable Speed Limit Sign	2.000 EACH	20,000.00000	40,000.00	29,000.00000	58,000.00	23,215.00000	46,430.00
614-10145	Variable Message Sign LED (Single Faced) 15' Flip Face	9.000 EACH	70,000.00000	630,000.00	73,000.00000	657,000.00	68,369.00000	615,321.00
614-30205	VMS Butterfly Support (Roadside)	1.000 EACH	40,000.00000	40,000.00	24,500.00000	24,500.00	36,749.00000	36,749.00

Tabulation of Bids

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Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1507A PAONIA, INC		(2) 1231A INTERFACE COMMUNICATIONS COMPANY	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001	BID ITEMS			<b>LCC:</b>			
614-32400	Monotube Overhead Sign Cantilever (24 Inch Diameter)	6.000 EACH	45,000.00000	270,000.00	49,000.00000	294,000.00	50,500.00000	303,000.00
614-70024	1310nm SFP Optic Module	12.000 EACH	500.00000	6,000.00	900.00000	10,800.00	146.00000	1,752.00
614-86105	Telemetry (Field)	13.000 EACH	1,500.00000	19,500.00	3,000.00000	39,000.00	2,668.00000	34,684.00
614-87010	Fiber Optic Cable (Single Mode) (12 Fiber)	350.000 LF	5.00000	1,750.00	15.00000	5,250.00	3.00000	1,050.00
614-87024	Fiber Optic Termination Panel (24 Fiber)	3.000 EACH	1,500.00000	4,500.00	1,100.00000	3,300.00	1,507.00000	4,521.00
614-87320	Closed Circuit Television	3.000 EACH	10,000.00000	30,000.00	5,500.00000	16,500.00	3,840.00000	11,520.00
614-87496	Fiber Optic Cable (Single Mode) (96 Strands)	4,300.000 LF	5.00000	21,500.00	10.00000	43,000.00	4.00000	17,200.00
614-87691	Ethernet Switch Type I	3.000 EACH	5,000.00000	15,000.00	4,000.00000	12,000.00	4,963.00000	14,889.00
620-00020	Sanitary Facility	1.000 EACH	2,000.00000	2,000.00	500.00000	500.00	1,808.00000	1,808.00
625-00000	Construction Surveying	1.000 L S	20,000.00000	20,000.00	9,500.00000	9,500.00	43,959.00000	43,959.00
626-00000	Mobilization	1.000 L S	333,525.00000	333,525.00	370,000.00000	370,000.00	350,000.00000	350,000.00
630-00000	Flagging	500.000 HOUR	25.00000	12,500.00	30.00000	15,000.00	48.20000	24,100.00
630-00003	Uniformed Traffic Control	24.000 HOUR	100.00000	2,400.00	125.00000	3,000.00	96.40000	2,313.60
630-00007	Traffic Control Inspection	10.000 DAY	185.00000	1,850.00	125.00000	1,250.00	597.00000	5,970.00
630-00012	Traffic Control Management	180.000 DAY	775.00000	139,500.00	150.00000	27,000.00	1,019.00000	183,420.00

Tabulation of Bids

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Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1507A PAONIA, INC		(2) 1231A INTERFACE COMMUNICATIONS COMPANY	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001	BID ITEMS				<b>LCC:</b>		
630-80341	Construction Traffic Sign (Panel Size A)	8.000 EACH	50.00000	400.00	100.00000	800.00	145.00000	1,160.00
630-80342	Construction Traffic Sign (Panel Size B)	32.000 EACH	60.00000	1,920.00	125.00000	4,000.00	181.00000	5,792.00
630-80343	Construction Traffic Sign (Panel Size C)	12.000 EACH	70.00000	840.00	150.00000	1,800.00	217.00000	2,604.00
630-80351	Vertical Panel (Plastic)	50.000 EACH	30.00000	1,500.00	30.00000	1,500.00	25.00000	1,250.00
630-80358	Advance Warning Flashing or Sequencing Arrow Panel (C Type)	2.000 EACH	1,500.00000	3,000.00	3,500.00000	7,000.00	3,013.00000	6,026.00
630-80359	Portable Message Sign Panel	18.000 DAY	100.00000	1,800.00	200.00000	3,600.00	302.00000	5,436.00
630-80360	Drum Channelizing Device	50.000 EACH	35.00000	1,750.00	30.00000	1,500.00	25.00000	1,250.00
630-80380	Traffic Cone	200.000 EACH	10.00000	2,000.00	25.00000	5,000.00	2.00000	400.00
630-85041	Mobile Attenuator	90.000 DAY	350.00000	31,500.00	10.00000	900.00	603.00000	54,270.00
<b>Section Totals:</b>				\$3,174,717.50		\$3,149,350.00		\$3,509,471.00
<b>Contract Grand Totals</b>				<b>\$3,174,717.50</b>		<b>\$3,149,350.00</b>		<b>\$3,509,471.00</b>



Tabulation of Bids

Contract ID: C23031

Item Code	Description	Quantity	(3) 1476A MORTON ELECTRIC, INC.		(4) 1655 Casper Electric, Inc.			
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001	BID ITEMS						
								<b>LCC:</b>
202-00805	Removal of Overhead Sign Structure	1.000 EACH	6,500.00000	6,500.00	2,000.00000	2,000.00		
202-00810	Removal of Ground Sign	14.000 EACH	1,800.00000	25,200.00	2,500.00000	35,000.00		
202-00823	Removal of Dynamic Message Sign	15.000 EACH	1,800.00000	27,000.00	2,000.00000	30,000.00		
202-01130	Removal of Guardrail Type 3	805.000 LF	15.00000	12,075.00	13.50000	10,867.50		
202-01170	Removal of Guardrail Type 7	140.000 LF	80.00000	11,200.00	13.50000	1,890.00		
202-01300	Removal of End Anchorage	5.000 EACH	630.00000	3,150.00	635.00000	3,175.00		
203-01597	Potholing	150.000 HOUR	250.00000	37,500.00	350.00000	52,500.00		
208-00002	Erosion Log Type 1 (12 Inch)	2,000.000 LF	5.50000	11,000.00	5.00000	10,000.00		
208-00035	Aggregate Bag	200.000 LF	16.00000	3,200.00	16.00000	3,200.00		
208-00046	Pre-fabricated Concrete Washout Structure (Type 1)	18.000 EACH	800.00000	14,400.00	1,000.00000	18,000.00		
208-00103	Removal and Disposal of Sediment (Labor)	100.000 HOUR	75.00000	7,500.00	75.00000	7,500.00		
208-00105	Removal and Disposal of Sediment (Equipment)	100.000 HOUR	129.00000	12,900.00	150.00000	15,000.00		
208-00106	Sweeping (Sediment Removal)	100.000 HOUR	129.00000	12,900.00	250.00000	25,000.00		
208-00107	Removal of Trash	100.000 HOUR	75.00000	7,500.00	130.00000	13,000.00		
212-00006	Seeding (Native)	0.800 ACRE	3,453.00000	2,762.40	3,500.00000	2,800.00		

Tabulation of Bids

Contract ID: C23031

Item Code	Description	Quantity	(3) 1476A MORTON ELECTRIC, INC.		(4) 1655 Casper Electric, Inc.			
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001	BID ITEMS						<b>LCC:</b>
212-00032	Soil Conditioning	0.800 ACRE	11,595.00000	9,276.00	11,750.00000	9,400.00		
213-00003	Mulching (Weed Free)	0.100 ACRE	4,802.00000	480.20	4,900.00000	490.00		
213-00061	Mulch Tackifier	20.000 LB	21.00000	420.00	20.00000	400.00		
216-00201	Soil Retention Blanket (Straw-Coconut) (Biodegradable Class 1)	4,000.000 SY	5.00000	20,000.00	4.00000	16,000.00		
240-00000	Wildlife Biologist	40.000 HOUR	153.00000	6,120.00	155.00000	6,200.00		
240-00010	Removal of Nests	10.000 HOUR	131.00000	1,310.00	132.00000	1,320.00		
250-00010	Environmental Health and Safety Management	1.000 L S	5,410.00000	5,410.00	5,500.00000	5,500.00		
250-00050	Monitoring Technician	20.000 HOUR	138.00000	2,760.00	140.00000	2,800.00		
250-00120	Material Sampling and Delivery	2.000 EACH	286.00000	572.00	290.00000	580.00		
250-00200	Material Handling (Stockpile)	20.000 CY	150.00000	3,000.00	150.00000	3,000.00		
250-00210	Solid Waste Disposal	20.000 CY	105.00000	2,100.00	105.00000	2,100.00		
250-00220	Hazardous Waste Disposal	20.000 CY	190.00000	3,800.00	200.00000	4,000.00		
403-00721	Hot Mix Asphalt (Patching) (Asphalt)	300.000 SY	450.00000	135,000.00	175.00000	52,500.00		
503-00042	Drilled Shaft (42 Inch)	17.000 LF	858.00000	14,586.00	865.00000	14,705.00		
503-00048	Drilled Shaft (48 Inch)	186.000 LF	950.00000	176,700.00	875.00000	162,750.00		

Tabulation of Bids

Contract ID: C23031

Item Code	Description	Quantity	(3) 1476A MORTON ELECTRIC, INC.		(4) 1655 Casper Electric, Inc.			
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001	BID ITEMS						
								<b>LCC:</b>
604-39050	Manhole (Traffic Management System)	1.000 EACH	13,022.00000	13,022.00	5,500.00000	5,500.00		
606-00301	Guardrail Type 3 (6-3 Post Spacing)	1,175.000 LF	82.00000	96,350.00	39.00000	45,825.00		
606-01340	End Anchorage Type 3D	2.000 EACH	3,099.00000	6,198.00	1,350.00000	2,700.00		
606-01370	Transition Type 3G	1.000 EACH	6,419.00000	6,419.00	3,000.00000	3,000.00		
606-01385	Transition Type 3J	2.000 EACH	2,893.00000	5,786.00	2,030.00000	4,060.00		
606-01390	End Anchorage Type 3K	2.000 EACH	2,662.00000	5,324.00	2,165.00000	4,330.00		
606-02005	End Anchorage (Flared)	9.000 EACH	6,419.00000	57,771.00	3,000.00000	27,000.00		
607-11525	Fence (Plastic)	200.000 LF	7.00000	1,400.00	5.00000	1,000.00		
612-00001	Delineator (Type I)	6.000 EACH	30.00000	180.00	27.75000	166.50		
612-00003	Delineator (Type III)	7.000 EACH	35.00000	245.00	31.10000	217.70		
612-00260	Location Marker (Fiber Optic)(Dome)	9.000 EACH	125.00000	1,125.00	350.00000	3,150.00		
612-00270	Location Marker (Utility)(Flat Slat)	16.000 EACH	100.00000	1,600.00	85.00000	1,360.00		
613-00206	2 Inch Electrical Conduit (Bored)	7,140.000 LF	24.15000	172,431.00	44.00000	314,160.00		
613-01200	2 Inch Electrical Conduit (Plastic)	650.000 LF	32.55000	21,157.50	14.00000	9,100.00		
613-07011	Pull Box (11"x18"x12")	21.000 EACH	1,027.00000	21,567.00	815.00000	17,115.00		
613-07023	Pull Box (24"x36"x24")	14.000 EACH	1,786.00000	25,004.00	1,775.00000	24,850.00		

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Contract ID: C23031

Item Code	Description	Quantity	(3) 1476A MORTON ELECTRIC, INC.		(4) 1655 Casper Electric, Inc.			
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001	BID ITEMS						
								<b>LCC:</b>
613-07040	Pull Box (30"x48"x24")	1.000 EACH	2,308.00000	2,308.00	2,300.00000	2,300.00		
613-80130	Service Meter Cabinet	16.000 EACH	6,000.00000	96,000.00	7,500.00000	120,000.00		
614-00011	Sign Panel (Class I)	36.500 SF	30.00000	1,095.00	24.50000	894.25		
614-00012	Sign Panel (Class II)	28.000 SF	35.00000	980.00	28.90000	809.20		
614-00818	Steel Sign Post (W 8x18)	40.000 LF	65.00000	2,600.00	105.00000	4,200.00		
614-01022	Steel Sign Post (W 10x22)	306.000 LF	75.00000	22,950.00	140.00000	42,840.00		
614-03003	Concrete Footing (Type 3)	2.000 EACH	2,904.00000	5,808.00	2,225.00000	4,450.00		
614-03005	Concrete Footing (Type 5)	18.000 EACH	3,104.00000	55,872.00	2,900.00000	52,200.00		
614-10115	Dynamic Message Sign (Color LED)(Overhead) 26' Color	2.000 EACH	100,378.00000	200,756.00	105,000.00000	210,000.00		
614-10120	Variable Message Sign 18' Amber	5.000 EACH	62,324.00000	311,620.00	65,000.00000	325,000.00		
614-10127	Variable Speed Limit Sign	2.000 EACH	26,099.00000	52,198.00	26,000.00000	52,000.00		
614-10145	Variable Message Sign LED (Single Faced) 15' Flip Face	9.000 EACH	58,415.00000	525,735.00	60,000.00000	540,000.00		
614-30205	VMS Butterfly Support (Roadside)	1.000 EACH	30,472.00000	30,472.00	30,000.00000	30,000.00		
614-32400	Monotube Overhead Sign Cantilever (24 Inch Diameter)	6.000 EACH	62,000.00000	372,000.00	50,000.00000	300,000.00		
614-70024	1310nm SFP Optic Module	12.000 EACH	700.00000	8,400.00	700.00000	8,400.00		

Tabulation of Bids

Contract ID: C23031

Item Code	Description	Quantity	(3) 1476A MORTON ELECTRIC, INC.		(4) 1655 Casper Electric, Inc.			
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001	BID ITEMS						
								<b>LCC:</b>
614-86105	Telemetry (Field)	13.000 EACH	2,375.00000	30,875.00	2,800.00000	36,400.00		
614-87010	Fiber Optic Cable (Single Mode) (12 Fiber)	350.000 LF	12.00000	4,200.00	5.00000	1,750.00		
614-87024	Fiber Optic Termination Panel (24 Fiber)	3.000 EACH	2,070.00000	6,210.00	935.00000	2,805.00		
614-87320	Closed Circuit Television	3.000 EACH	6,000.00000	18,000.00	6,500.00000	19,500.00		
614-87496	Fiber Optic Cable (Single Mode) (96 Strands)	4,300.000 LF	9.00000	38,700.00	28.00000	120,400.00		
614-87691	Ethernet Switch Type I	3.000 EACH	6,000.00000	18,000.00	5,200.00000	15,600.00		
620-00020	Sanitary Facility	1.000 EACH	4,000.00000	4,000.00	12,000.00000	12,000.00		
625-00000	Construction Surveying	1.000 L S	40,000.00000	40,000.00	28,000.00000	28,000.00		
626-00000	Mobilization	1.000 L S	725,000.00000	725,000.00	731,834.69000	731,834.69		
630-00000	Flagging	500.000 HOUR	33.00000	16,500.00	32.00000	16,000.00		
630-00003	Uniformed Traffic Control	24.000 HOUR	154.00000	3,696.00	150.00000	3,600.00		
630-00007	Traffic Control Inspection	10.000 DAY	220.00000	2,200.00	400.00000	4,000.00		
630-00012	Traffic Control Management	180.000 DAY	1,045.00000	188,100.00	1,200.00000	216,000.00		
630-80341	Construction Traffic Sign (Panel Size A)	8.000 EACH	110.00000	880.00	65.00000	520.00		
630-80342	Construction Traffic Sign (Panel Size B)	32.000 EACH	165.00000	5,280.00	70.00000	2,240.00		

Tabulation of Bids

Contract ID: C23031

Item Code	Description	Quantity	(3) 1476A MORTON ELECTRIC, INC.		(4) 1655 Casper Electric, Inc.			
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001	BID ITEMS						
								<b>LCC:</b>
630-80343	Construction Traffic Sign (Panel Size C)	12.000 EACH	165.00000	1,980.00	75.00000	900.00		
630-80351	Vertical Panel (Plastic)	50.000 EACH	66.00000	3,300.00	16.00000	800.00		
630-80358	Advance Warning Flashing or Sequencing Arrow Panel (C Type)	2.000 EACH	1,650.00000	3,300.00	2,500.00000	5,000.00		
630-80359	Portable Message Sign Panel	18.000 DAY	330.00000	5,940.00	135.00000	2,430.00		
630-80360	Drum Channelizing Device	50.000 EACH	49.50000	2,475.00	22.00000	1,100.00		
630-80380	Traffic Cone	200.000 EACH	11.00000	2,200.00	11.00000	2,200.00		
630-85041	Mobile Attenuator	90.000 DAY	605.00000	54,450.00	650.00000	58,500.00		
<b>Section Totals:</b>				\$3,875,981.10		\$3,949,884.84		
<b>Contract Grand Totals</b>				<b>\$3,875,981.10</b>		<b>\$3,949,884.84</b>		

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Contract ID: C23031

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION:</b>	0001	BID ITEMS						
0005	202-00805 Removal of Overhead Sign Structure	1.000	5,000.00000	5,000.00000 EACH	5,000.00	5,000.00	100.00%	0.00
0010	202-00810 Removal of Ground Sign	14.000	2,000.00000	150.00000 EACH	28,000.00	2,100.00	7.50%	-25,900.00
0015	202-00823 Removal of Dynamic Message Sign	15.000	2,000.00000	2,500.00000 EACH	30,000.00	37,500.00	125.00%	7,500.00
0020	202-01130 Removal of Guardrail Type 3	805.000	10.00000	9.00000 LF	8,050.00	7,245.00	90.00%	-805.00
0025	202-01170 Removal of Guardrail Type 7	140.000	20.00000	56.00000 LF	2,800.00	7,840.00	280.00%	5,040.00
0030	202-01300 Removal of End Anchorage	5.000	300.00000	750.00000 EACH	1,500.00	3,750.00	250.00%	2,250.00
0035	203-01597 Potholing	150.000	200.00000	10.00000 HOUR	30,000.00	1,500.00	5.00%	-28,500.00
0040	208-00002 Erosion Log Type 1 (12 Inch)	2,000.000	5.00000	1.00000 LF	10,000.00	2,000.00	20.00%	-8,000.00
0045	208-00035 Aggregate Bag	200.000	8.00000	7.50000 LF	1,600.00	1,500.00	93.75%	-100.00
0050	208-00046 Pre-fabricated Concrete Washout Structure (Type 1)	18.000	500.00000	125.00000 EACH	9,000.00	2,250.00	25.00%	-6,750.00
0055	208-00103 Removal and Disposal of Sediment (Labor)	100.000	50.00000	5.00000 HOUR	5,000.00	500.00	10.00%	-4,500.00
0060	208-00105 Removal and Disposal of Sediment (Equipment)	100.000	125.00000	5.00000 HOUR	12,500.00	500.00	4.00%	-12,000.00

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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						
0065	208-00106 Sweeping (Sediment Removal)	100.000	150.00000	5.00000 HOUR	15,000.00	500.00	3.33%	-14,500.00
0070	208-00107 Removal of Trash	100.000	100.00000	5.00000 HOUR	10,000.00	500.00	5.00%	-9,500.00
0075	212-00006 Seeding (Native)	0.800	8,000.00000	4,375.00000 ACRE	6,400.00	3,500.00	54.69%	-2,900.00
0080	212-00032 Soil Conditioning	0.800	8,000.00000	4,375.00000 ACRE	6,400.00	3,500.00	54.69%	-2,900.00
0085	213-00003 Mulching (Weed Free)	0.100	6,000.00000	35,000.00000 ACRE	600.00	3,500.00	583.33%	2,900.00
0090	213-00061 Mulch Tackifier	20.000	4.00000	100.00000 LB	80.00	2,000.00	2500.00%	1,920.00
0095	216-00201 Soil Retention Blanket (Straw-Coconut) (Biodegradable Class 1)	4,000.000	2.00000	2.50000 SY	8,000.00	10,000.00	125.00%	2,000.00
0100	240-00000 Wildlife Biologist	40.000	100.00000	167.00000 HOUR	4,000.00	6,680.00	167.00%	2,680.00
0105	240-00010 Removal of Nests	10.000	100.00000	143.00000 HOUR	1,000.00	1,430.00	143.00%	430.00
0110	250-00010 Environmental Health and Safety Management	1.000	5,000.00000	5,900.00000 L S	5,000.00	5,900.00	118.00%	900.00
0115	250-00050 Monitoring Technician	20.000	100.00000	149.00000 HOUR	2,000.00	2,980.00	149.00%	980.00
0120	250-00120 Material Sampling and Delivery	2.000	200.00000	312.00000 EACH	400.00	624.00	156.00%	224.00



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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						
0125	250-00200 Material Handling (Stockpile)	20.000	50.00000	150.00000 CY	1,000.00	3,000.00	300.00%	2,000.00
0130	250-00210 Solid Waste Disposal	20.000	300.00000	113.00000 CY	6,000.00	2,260.00	37.67%	-3,740.00
0135	250-00220 Hazardous Waste Disposal	20.000	300.00000	250.00000 CY	6,000.00	5,000.00	83.33%	-1,000.00
0140	403-00721 Hot Mix Asphalt (Patching) (Asphalt)	300.000	100.00000	65.00000 SY	30,000.00	19,500.00	65.00%	-10,500.00
0145	503-00042 Drilled Shaft (42 Inch)	17.000	700.00000	650.00000 LF	11,900.00	11,050.00	92.86%	-850.00
0150	503-00048 Drilled Shaft (48 Inch)	186.000	700.00000	750.00000 LF	130,200.00	139,500.00	107.14%	9,300.00
0155	604-39050 Manhole (Traffic Management System)	1.000	8,000.00000	10,000.00000 EACH	8,000.00	10,000.00	125.00%	2,000.00
0160	606-00301 Guardrail Type 3 (6-3 Post Spacing)	1,175.000	30.00000	92.50000 LF	35,250.00	108,687.50	308.33%	73,437.50
0165	606-01340 End Anchorage Type 3D	2.000	1,400.00000	3,380.00000 EACH	2,800.00	6,760.00	241.43%	3,960.00
0170	606-01370 Transition Type 3G	1.000	2,500.00000	7,000.00000 EACH	2,500.00	7,000.00	280.00%	4,500.00
0175	606-01385 Transition Type 3J	2.000	2,000.00000	3,160.00000 EACH	4,000.00	6,320.00	158.00%	2,320.00
0180	606-01390 End Anchorage Type 3K	2.000	2,000.00000	2,904.00000 EACH	4,000.00	5,808.00	145.20%	1,808.00

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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						
0185	606-02005 End Anchorage (Flared)	9.000	2,800.00000	7,002.00000 EACH	25,200.00	63,018.00	250.07%	37,818.00
0190	607-11525 Fence (Plastic)	200.000	5.00000	1.00000 LF	1,000.00	200.00	20.00%	-800.00
0195	612-00001 Delineator (Type I)	6.000	25.00000	25.00000 EACH	150.00	150.00	100.00%	0.00
0200	612-00003 Delineator (Type III)	7.000	30.00000	30.00000 EACH	210.00	210.00	100.00%	0.00
0205	612-00260 Location Marker (Fiber Optic)(Dome)	9.000	100.00000	125.00000 EACH	900.00	1,125.00	125.00%	225.00
0210	612-00270 Location Marker (Utility)(Flat Slat)	16.000	80.00000	100.00000 EACH	1,280.00	1,600.00	125.00%	320.00
0215	613-00206 2 Inch Electrical Conduit (Bored)	7,140.000	35.00000	20.00000 LF	249,900.00	142,800.00	57.14%	-107,100.00
0220	613-01200 2 Inch Electrical Conduit (Plastic)	650.000	25.00000	20.00000 LF	16,250.00	13,000.00	80.00%	-3,250.00
0225	613-07011 Pull Box (11"x18"x12")	21.000	1,000.00000	950.00000 EACH	21,000.00	19,950.00	95.00%	-1,050.00
0230	613-07023 Pull Box (24"x36"x24")	14.000	1,500.00000	1,050.00000 EACH	21,000.00	14,700.00	70.00%	-6,300.00
0235	613-07040 Pull Box (30"x48"x24")	1.000	2,500.00000	1,250.00000 EACH	2,500.00	1,250.00	50.00%	-1,250.00
0240	613-80130 Service Meter Cabinet	16.000	5,000.00000	5,500.00000 EACH	80,000.00	88,000.00	110.00%	8,000.00

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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	614-00011 Sign Panel (Class I)	36.500	25.00000	25.00000 SF	912.50	912.50	100.00%	0.00
0250	614-00012 Sign Panel (Class II)	28.000	25.00000	35.00000 SF	700.00	980.00	140.00%	280.00
0255	614-00818 Steel Sign Post (W 8x18)	40.000	60.00000	75.00000 LF	2,400.00	3,000.00	125.00%	600.00
0260	614-01022 Steel Sign Post (W 10x22)	306.000	100.00000	95.00000 LF	30,600.00	29,070.00	95.00%	-1,530.00
0265	614-03003 Concrete Footing (Type 3)	2.000	3,500.00000	2,500.00000 EACH	7,000.00	5,000.00	71.43%	-2,000.00
0270	614-03005 Concrete Footing (Type 5)	18.000	2,500.00000	3,500.00000 EACH	45,000.00	63,000.00	140.00%	18,000.00
0275	614-10115 Dynamic Message Sign (Color LED)(Overhead) 26' Color	2.000	120,000.00000	129,000.00000 EACH	240,000.00	258,000.00	107.50%	18,000.00
0280	614-10120 Variable Message Sign 18' Amber	5.000	70,000.00000	78,000.00000 EACH	350,000.00	390,000.00	111.43%	40,000.00
0285	614-10127 Variable Speed Limit Sign	2.000	20,000.00000	29,000.00000 EACH	40,000.00	58,000.00	145.00%	18,000.00
0290	614-10145 Variable Message Sign LED (Single Faced) 15' Flip Face	9.000	70,000.00000	73,000.00000 EACH	630,000.00	657,000.00	104.29%	27,000.00
0295	614-30205 VMS Butterfly Support (Roadside)	1.000	40,000.00000	24,500.00000 EACH	40,000.00	24,500.00	61.25%	-15,500.00

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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						
0300	614-32400 Monotube Overhead Sign Cantilever (24 Inch Diameter)	6.000	45,000.00000	49,000.00000 EACH	270,000.00	294,000.00	108.89%	24,000.00
0305	614-70024 1310nm SFP Optic Module	12.000	500.00000	900.00000 EACH	6,000.00	10,800.00	180.00%	4,800.00
0310	614-86105 Telemetry (Field)	13.000	1,500.00000	3,000.00000 EACH	19,500.00	39,000.00	200.00%	19,500.00
0315	614-87010 Fiber Optic Cable (Single Mode) (12 Fiber)	350.000	5.00000	15.00000 LF	1,750.00	5,250.00	300.00%	3,500.00
0320	614-87024 Fiber Optic Termination Panel (24 Fiber)	3.000	1,500.00000	1,100.00000 EACH	4,500.00	3,300.00	73.33%	-1,200.00
0325	614-87320 Closed Circuit Television	3.000	10,000.00000	5,500.00000 EACH	30,000.00	16,500.00	55.00%	-13,500.00
0330	614-87496 Fiber Optic Cable (Single Mode) (96 Strands)	4,300.000	5.00000	10.00000 LF	21,500.00	43,000.00	200.00%	21,500.00
0335	614-87691 Ethernet Switch Type I	3.000	5,000.00000	4,000.00000 EACH	15,000.00	12,000.00	80.00%	-3,000.00
0340	620-00020 Sanitary Facility	1.000	2,000.00000	500.00000 EACH	2,000.00	500.00	25.00%	-1,500.00
0345	625-00000 Construction Surveying	1.000	20,000.00000	9,500.00000 L S	20,000.00	9,500.00	47.50%	-10,500.00
0350	626-00000 Mobilization	1.000	333,525.00000	370,000.00000 L S	333,525.00	370,000.00	110.94%	36,475.00
0355	630-00000 Flagging	500.000	25.00000	30.00000 HOUR	12,500.00	15,000.00	120.00%	2,500.00

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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						
0360	630-00003 Uniformed Traffic Control	24.000	100.00000	125.00000 HOUR	2,400.00	3,000.00	125.00%	600.00
0365	630-00007 Traffic Control Inspection	10.000	185.00000	125.00000 DAY	1,850.00	1,250.00	67.57%	-600.00
0370	630-00012 Traffic Control Management	180.000	775.00000	150.00000 DAY	139,500.00	27,000.00	19.35%	-112,500.00
0375	630-80341 Construction Traffic Sign (Panel Size A)	8.000	50.00000	100.00000 EACH	400.00	800.00	200.00%	400.00
0380	630-80342 Construction Traffic Sign (Panel Size B)	32.000	60.00000	125.00000 EACH	1,920.00	4,000.00	208.33%	2,080.00
0385	630-80343 Construction Traffic Sign (Panel Size C)	12.000	70.00000	150.00000 EACH	840.00	1,800.00	214.29%	960.00
0390	630-80351 Vertical Panel (Plastic)	50.000	30.00000	30.00000 EACH	1,500.00	1,500.00	100.00%	0.00
0395	630-80358 Advance Warning Flashing or Sequencing Arrow Panel (C Type)	2.000	1,500.00000	3,500.00000 EACH	3,000.00	7,000.00	233.33%	4,000.00
0400	630-80359 Portable Message Sign Panel	18.000	100.00000	200.00000 DAY	1,800.00	3,600.00	200.00%	1,800.00
0405	630-80360 Drum Channelizing Device	50.000	35.00000	30.00000 EACH	1,750.00	1,500.00	85.71%	-250.00
0410	630-80380 Traffic Cone	200.000	10.00000	25.00000 EACH	2,000.00	5,000.00	250.00%	3,000.00
0415	630-85041 Mobile Attenuator	90.000	350.00000	10.00000 DAY	31,500.00	900.00	2.86%	-30,600.00

Low Bid Item Analysis

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Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>Section 0001 Subtotal</b>					\$3,174,717.50	\$3,149,350.00	99.20%	-\$25,367.50
<b>Contract Total for Calculated Low Bidders Bid Items</b>					<b>\$3,174,717.50</b>	<b>\$3,149,350.00</b>	<b>99.20%</b>	<b>-\$25,367.50</b>