

Colorado Department Of Transportation

Printed On: 12/01/2017

Low Bid Summary

Page 1 of 1

Letting Date: November 30, 2017

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Call Order	Contract ID	Project(s)	# of Bids	Low Bidder	Estimated Cost	Corrected Bid	Percent of Estimate	Overrun (+) Underrun (-)
006	C21596	ITSSW01-831	5	MORTON ELECTRIC, INC.	\$1,000,000.00	\$1,396,424.00	139.64%	\$396,424.00
Letting Totals			5		\$1,000,000.00	\$1,396,424.00	139.64%	\$396,424.00

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**Colorado Department Of Transportation**

Printed On: **12/01/2017**

**Vendor Ranking**

Page 1 of 1

Letting No: 20171130	Contract ID: C21596	Project(s): ITS SW01-831
Letting Date: November 30, 2017	Region: 0010	
Letting Time: 10:00 AM	Contract Time: 115 WORKING DAYS	Counties: Various

**Contract Description:**

Weather Station (WS) upgrades in Region 2 and Region 3 (Las Animas, Huerfano, El Paso, Park, Mesa, Pitkin, and Garfield Counties), work consists of installation of new WSs, Fold-Over Towers, foundations, light standards and foundations, cellular modems, an ethernet switch, fiber, pull boxes, bored and trenched conduit, and the reset of existing communications equipment.

A Mandatory PRE-BID conference will be held on Monday November 20, 2017 beginning at 10:00 A.M. at 425 Corporate Circle, Unit C, Golden, CO 80401.

Rank	Vendor ID	Vendor Name	Total Bid	Percent Of Low Bid	Percent Of Estimate
0	-EST-	Engineer's Estimate	\$1,000,000.00	71.61%	100.00%
1	1476A	MORTON ELECTRIC, INC.	\$1,396,424.00	100.00%	139.64%
2	1231A	INTERFACE COMMUNICATIONS COMPANY	\$1,582,704.00	113.34%	158.27%
3	1507A	PAONIA, INC dba PAONIA, LLC	\$1,769,250.00	126.70%	176.93%
4	178A	MAIN ELECTRIC LTD	\$1,774,138.74	127.05%	177.41%
5	720A	STURGEON ELECTRIC COMPANY, INC.	\$2,279,830.00	163.26%	227.98%

Tabulation of Bids

Letting No: 20171130  
 Letting Date: November 30, 2017  
 Letting Time: 10:00 AM

Contract ID: C21596  
 Region: 0010

Counties: Various

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1476A MORTON ELECTRIC, INC.		(2) 1231A INTERFACE COMMUNICATIONS	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001	BID ITEMS				<b>LCC:</b>		
202-00001	Removal of Structure (Weather Station)	13.000 EACH	1,500.00000	19,500.00	1,750.00000	22,750.00	1,687.00000	21,931.00
202-01170	Removal of Guardrail Type 7	40.000 LF	20.00000	800.00	100.00000	4,000.00	33.00000	1,320.00
203-01597	Potholing	40.000 HOUR	150.00000	6,000.00	200.00000	8,000.00	1.00000	40.00
208-00002	Erosion Log Type 1 (12 Inch)	300.000 LF	5.00000	1,500.00	5.00000	1,500.00	5.40000	1,620.00
208-00035	Aggregate Bag	100.000 LF	10.00000	1,000.00	9.00000	900.00	9.00000	900.00
208-00046	Pre-fabricated Concrete Washout Structure	14.000 EACH	250.00000	3,500.00	600.00000	8,400.00	135.00000	1,890.00
208-00103	Removal and Disposal of Sediment (Labor)	28.000 HOUR	50.00000	1,400.00	45.00000	1,260.00	33.00000	924.00
208-00106	Sweeping (Sediment Removal)	28.000 HOUR	125.00000	3,500.00	58.00000	1,624.00	58.00000	1,624.00
208-00207	Erosion Control Management	28.000 DAY	225.00000	6,300.00	150.00000	4,200.00	402.00000	11,256.00
212-00006	Seeding (Native)	0.800 ACRE	5,000.00000	4,000.00	4,700.00000	3,760.00	4,720.00000	3,776.00
212-00032	Soil Conditioning	0.800 ACRE	6,000.00000	4,800.00	5,900.00000	4,720.00	5,900.00000	4,720.00
216-00201	Soil Retention Blanket (Straw-Coconut) (Biodegradable Class 1)	4,000.000 SY	2.00000	8,000.00	2.00000	8,000.00	2.18000	8,720.00
607-11525	Fence (Plastic)	150.000 LF	10.00000	1,500.00	2.50000	375.00	3.00000	450.00
612-00260	Location Marker (Fiber Optic)(Dome)	9.000 EACH	80.00000	720.00	36.00000	324.00	40.00000	360.00

Tabulation of Bids

Letting No: 20171130  
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 Letting Time: 10:00 AM

Contract ID: C21596  
 Region: 0010

Counties: Various

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1476A MORTON ELECTRIC, INC.		(2) 1231A INTERFACE COMMUNICATIONS COMPANY	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001 BID ITEMS					<b>LCC:</b>		
612-00270	Location Marker (Utility)(Flat Slat)	23.000 EACH	75.00000	1,725.00	28.00000	644.00	122.00000	2,806.00
613-00206	2 Inch Electrical Conduit (Bored)	525.000 LF	20.00000	10,500.00	40.00000	21,000.00	39.00000	20,475.00
613-01200	2 Inch Electrical Conduit (Plastic)	2,310.000 LF	8.00000	18,480.00	9.50000	21,945.00	13.52000	31,231.20
613-07011	Pull Box (11"x18"x12")	25.000 EACH	650.00000	16,250.00	550.00000	13,750.00	703.00000	17,575.00
613-07023	Pull Box (24"x36"x24")	9.000 EACH	1,300.00000	11,700.00	1,227.00000	11,043.00	1,393.00000	12,537.00
613-10000	Wiring	1.000 L S	15,000.00000	15,000.00	25,000.00000	25,000.00	38,136.00000	38,136.00
613-32300	Light Standard Steel (30 Foot)	7.000 EACH	3,000.00000	21,000.00	3,200.00000	22,400.00	2,570.00000	17,990.00
613-40010	Light Standard Foundation	7.000 EACH	1,250.00000	8,750.00	1,200.00000	8,400.00	756.00000	5,292.00
613-80130	Service Meter Cabinet	2.000 EACH	4,250.00000	8,500.00	3,500.00000	7,000.00	3,902.00000	7,804.00
614-86105	Telemetry (Field)	10.000 EACH	1,500.00000	15,000.00	1,750.00000	17,500.00	1,532.00000	15,320.00
614-86741	Weather Monitoring System	13.000 EACH	40,000.00000	520,000.00	59,775.00000	777,075.00	60,828.00000	790,764.00
614-86741	Weather Monitoring System (High Sierra)	1.000 EACH	40,000.00000	40,000.00	59,775.00000	59,775.00	64,740.00000	64,740.00
614-86752	Fold-Over Tower (ITS)	14.000 EACH	5,000.00000	70,000.00	10,000.00000	140,000.00	11,957.00000	167,398.00

Tabulation of Bids

Letting No: 20171130  
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Contract ID: C21596  
 Region: 0010

Counties: Various

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1476A MORTON ELECTRIC, INC.		(2) 1231A INTERFACE COMMUNICATIONS COMPANY	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001 BID ITEMS					<b>LCC:</b>		
614-87006	Fiber Optic Termination Panel (6 Fiber)	3.000 EACH	1,000.00000	3,000.00	450.00000	1,350.00	589.00000	1,767.00
614-87010	Fiber Optic Cable (Single Mode) (12 Fiber)	375.000 LF	6.00000	2,250.00	25.00000	9,375.00	2.04000	765.00
614-87692	Ethernet Switch Type II	3.000 EACH	6,000.00000	18,000.00	4,000.00000	12,000.00	5,910.00000	17,730.00
620-00020	Sanitary Facility	1.000 EACH	900.00000	900.00	700.00000	700.00	883.00000	883.00
626-00000	Mobilization	1.000 L S	89,305.00000	89,305.00	80,000.00000	80,000.00	206,000.00000	206,000.00
630-00000	Flagging	40.000 HOUR	25.00000	1,000.00	40.00000	1,600.00	42.00000	1,680.00
630-00007	Traffic Control Inspection	5.000 DAY	250.00000	1,250.00	320.00000	1,600.00	348.00000	1,740.00
630-00012	Traffic Control Management	110.000 DAY	500.00000	55,000.00	700.00000	77,000.00	762.00000	83,820.00
630-80341	Construction Traffic Sign (Panel Size A)	8.000 EACH	45.00000	360.00	89.00000	712.00	95.00000	760.00
630-80342	Construction Traffic Sign (Panel Size B)	20.000 EACH	45.00000	900.00	89.00000	1,780.00	95.00000	1,900.00
630-80343	Construction Traffic Sign (Panel Size C)	8.000 EACH	45.00000	360.00	89.00000	712.00	95.00000	760.00
630-80351	Vertical Panel (Plastic)	25.000 EACH	45.00000	1,125.00	25.00000	625.00	24.00000	600.00
630-80358	Advance Warning Flashing or Sequencing Arrow Panel (C Type)	1.000 EACH	1,000.00000	1,000.00	3,000.00000	3,000.00	2,949.80000	2,949.80

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Counties: Various

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1476A MORTON ELECTRIC, INC.		(2) 1231A INTERFACE COMMUNICATIONS COMPANY	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001 BID ITEMS					<b>LCC:</b>		
630-80359	Portable Message Sign Panel	5.000 DAY	50.00000	250.00	300.00000	1,500.00	295.00000	1,475.00
630-80360	Drum Channelizing Device	25.000 EACH	25.00000	625.00	25.00000	625.00	24.00000	600.00
630-80380	Traffic Cone	150.000 EACH	10.00000	1,500.00	5.00000	750.00	2.00000	300.00
630-85041	Mobile Attenuator	5.000 DAY	750.00000	3,750.00	1,550.00000	7,750.00	1,475.00000	7,375.00
<b>Section Totals:</b>				\$1,000,000.00		\$1,396,424.00		\$1,582,704.00
<b>Contract Grand Totals</b>				<b>\$1,000,000.00</b>		<b>\$1,396,424.00</b>		<b>\$1,582,704.00</b>

Tabulation of Bids

Letting No: 20171130  
 Letting Date: November 30, 2017  
 Letting Time: 10:00 AM

Contract ID: C21596  
 Region: 0010

Counties: Various

Item Code	Description	Quantity	(3) 1507A PAONIA, INC		(4) 178A MAIN ELECTRIC LTD		(5) 720A STURGEON ELECTRIC COMPANY, INC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001	BID ITEMS						
						<b>LCC:</b>		
202-00001	Removal of Structure (Weather Station)	13.000 EACH	7,500.00000	97,500.00	1,533.77000	19,939.01	6,050.00000	78,650.00
202-01170	Removal of Guardrail Type 7	40.000 LF	50.00000	2,000.00	45.45000	1,818.00	160.00000	6,400.00
203-01597	Potholing	40.000 HOUR	1.00000	40.00	241.75000	9,670.00	410.00000	16,400.00
208-00002	Erosion Log Type 1 (12 Inch)	300.000 LF	8.00000	2,400.00	29.48000	8,844.00	36.00000	10,800.00
208-00035	Aggregate Bag	100.000 LF	8.00000	800.00	41.27000	4,127.00	46.00000	4,600.00
208-00046	Pre-fabricated Concrete Washout Structure	14.000 EACH	250.00000	3,500.00	475.00000	6,650.00	2,285.00000	31,990.00
208-00103	Removal and Disposal of Sediment (Labor)	28.000 HOUR	90.00000	2,520.00	91.96000	2,574.88	95.00000	2,660.00
208-00106	Sweeping (Sediment Removal)	28.000 HOUR	100.00000	2,800.00	210.92000	5,905.76	95.00000	2,660.00
208-00207	Erosion Control Management	28.000 DAY	250.00000	7,000.00	1,474.07000	41,273.96	1,405.00000	39,340.00
212-00006	Seeding (Native)	0.800 ACRE	3,125.00000	2,500.00	31,250.00000	25,000.00	28,000.00000	22,400.00
212-00032	Soil Conditioning	0.800 ACRE	3,125.00000	2,500.00	18,867.50000	15,094.00	17,000.00000	13,600.00
216-00201	Soil Retention Blanket (Straw-Coconut) (Biodegradable Class 1)	4,000.000 SY	4.00000	16,000.00	5.90000	23,600.00	6.00000	24,000.00
607-11525	Fence (Plastic)	150.000 LF	8.00000	1,200.00	7.07000	1,060.50	8.00000	1,200.00
612-00260	Location Marker (Fiber Optic)(Dome)	9.000 EACH	120.00000	1,080.00	200.00000	1,800.00	115.00000	1,035.00

Tabulation of Bids

Letting No: 20171130  
 Letting Date: November 30, 2017  
 Letting Time: 10:00 AM

Contract ID: C21596  
 Region: 0010

Counties: Various

Item Code	Description	Quantity	(3) 1507A PAONIA, INC		(4) 178A MAIN ELECTRIC LTD		(5) 720A STURGEON ELECTRIC COMPANY, INC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001 BID ITEMS					<b>LCC:</b>		
612-00270	Location Marker (Utility)(Flat Slat)	23.000 EACH	75.00000	1,725.00	104.00000	2,392.00	110.00000	2,530.00
613-00206	2 Inch Electrical Conduit (Bored)	525.000 LF	60.00000	31,500.00	21.82000	11,455.50	80.00000	42,000.00
613-01200	2 Inch Electrical Conduit (Plastic)	2,310.000 LF	20.00000	46,200.00	10.78000	24,901.80	21.00000	48,510.00
613-07011	Pull Box (11"x18"x12")	25.000 EACH	1,100.00000	27,500.00	735.96000	18,399.00	1,520.00000	38,000.00
613-07023	Pull Box (24"x36"x24")	9.000 EACH	2,100.00000	18,900.00	1,555.22000	13,996.98	2,675.00000	24,075.00
613-10000	Wiring	1.000 L S	45,000.00000	45,000.00	6,597.00000	6,597.00	18,550.00000	18,550.00
613-32300	Light Standard Steel (30 Foot)	7.000 EACH	5,000.00000	35,000.00	3,269.88000	22,889.16	3,130.00000	21,910.00
613-40010	Light Standard Foundation	7.000 EACH	3,500.00000	24,500.00	1,803.88000	12,627.16	2,075.00000	14,525.00
613-80130	Service Meter Cabinet	2.000 EACH	9,500.00000	19,000.00	4,943.50000	9,887.00	7,450.00000	14,900.00
614-86105	Telemetry (Field)	10.000 EACH	3,500.00000	35,000.00	2,163.00000	21,630.00	2,425.00000	24,250.00
614-86741	Weather Monitoring System	13.000 EACH	57,000.00000	741,000.00	72,787.00000	946,231.00	72,300.00000	939,900.00
614-86741	Weather Monitoring System (High Sierra)	1.000 EACH	99,000.00000	99,000.00	62,602.00000	62,602.00	75,500.00000	75,500.00
614-86752	Fold-Over Tower (ITS)	14.000 EACH	17,000.00000	238,000.00	14,797.21000	207,160.94	24,875.00000	348,250.00
614-87006	Fiber Optic Termination Panel (6 Fiber)	3.000 EACH	2,500.00000	7,500.00	1,369.00000	4,107.00	1,000.00000	3,000.00



Tabulation of Bids

Letting No: 20171130 Contract ID: C21596 Counties: Various  
 Letting Date: November 30, 2017 Region: 0010  
 Letting Time: 10:00 AM

Item Code	Description	Quantity	(3) 1507A PAONIA, INC		(4) 178A MAIN ELECTRIC LTD		(5) 720A STURGEON ELECTRIC COMPANY, INC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001 BID ITEMS					<b>LCC:</b>		
614-87010	Fiber Optic Cable (Single Mode) (12 Fiber)	375.000 LF	15.00000	5,625.00	13.40000	5,025.00	45.00000	16,875.00
614-87692	Ethernet Switch Type II	3.000 EACH	7,500.00000	22,500.00	5,402.67000	16,208.01	6,350.00000	19,050.00
620-00020	Sanitary Facility	1.000 EACH	1,400.00000	1,400.00	2,123.00000	2,123.00	9,900.00000	9,900.00
626-00000	Mobilization	1.000 L S	77,000.00000	77,000.00	114,944.00000	114,944.00	215,000.00000	215,000.00
630-00000	Flagging	40.000 HOUR	50.00000	2,000.00	41.28000	1,651.20	30.00000	1,200.00
630-00007	Traffic Control Inspection	5.000 DAY	1.00000	5.00	347.80000	1,739.00	160.00000	800.00
630-00012	Traffic Control Management	110.000 DAY	1,250.00000	137,500.00	760.62000	83,668.20	1,225.00000	134,750.00
630-80341	Construction Traffic Sign (Panel Size A)	8.000 EACH	50.00000	400.00	94.38000	755.04	45.00000	360.00
630-80342	Construction Traffic Sign (Panel Size B)	20.000 EACH	75.00000	1,500.00	94.38000	1,887.60	45.00000	900.00
630-80343	Construction Traffic Sign (Panel Size C)	8.000 EACH	110.00000	880.00	94.38000	755.04	45.00000	360.00
630-80351	Vertical Panel (Plastic)	25.000 EACH	55.00000	1,375.00	23.60000	590.00	45.00000	1,125.00
630-80358	Advance Warning Flashing or Sequencing Arrow Panel (C Type)	1.000 EACH	525.00000	525.00	2,948.00000	2,948.00	1,575.00000	1,575.00
630-80359	Portable Message Sign Panel	5.000 DAY	550.00000	2,750.00	294.80000	1,474.00	130.00000	650.00
630-80360	Drum Channelizing Device	25.000 EACH	55.00000	1,375.00	23.60000	590.00	45.00000	1,125.00

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 Letting Time: 10:00 AM

Contract ID: C21596  
 Region: 0010

Counties: Various

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			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001 BID ITEMS					<b>LCC:</b>		
630-80380	Traffic Cone	150.000 EACH	2.00000	300.00	1.18000	177.00	11.00000	1,650.00
630-85041	Mobile Attenuator	5.000 DAY	490.00000	2,450.00	1,474.00000	7,370.00	575.00000	2,875.00
<b>Section Totals:</b>				\$1,769,250.00		\$1,774,138.74		\$2,279,830.00
<b>Contract Grand Totals</b>				<b>\$1,769,250.00</b>		<b>\$1,774,138.74</b>		<b>\$2,279,830.00</b>

**Colorado Department Of Transportation**

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**Low Bid Item Analysis**

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Letting No: 20171130	Contract ID: C21596	Counties: Various
Letting Date: November 30, 2017	Region: 0010	
Letting Time: 10:00 AM	Contract Time: 115 WORKING DAYS	Project(s): ITS SW01-831

**Contract Description:**

Weather Station (WS) upgrades in Region 2 and Region 3 (Las Animas, Huerfano, El Paso, Park, Mesa, Pitkin, and Garfield Counties), work consists of installation of new WSs, Fold-Over Towers, foundations, light standards and foundations, cellular modems, an ethernet switch, fiber, pull boxes, bored and trenched conduit, and the reset of existing communications equipment.

A Mandatory PRE-BID conference will be held on Monday November 20, 2017 beginning at 10:00 A.M. at 425 Corporate Circle, Unit C, Golden, CO 80401.

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) / Underrun (-)
<b>SECTION:</b>	0001	BID ITEMS						
0005	202-00001 Removal of Structure (Weather Station)	13.000	1,500.00000	1,750.00000 EACH	19,500.00	22,750.00	116.67%	3,250.00
0010	202-01170 Removal of Guardrail Type 7	40.000	20.00000	100.00000 LF	800.00	4,000.00	500.00%	3,200.00
0015	203-01597 Potholing	40.000	150.00000	200.00000 HOUR	6,000.00	8,000.00	133.33%	2,000.00
0020	208-00002 Erosion Log Type 1 (12 Inch)	300.000	5.00000	5.00000 LF	1,500.00	1,500.00	100.00%	0.00
0025	208-00035 Aggregate Bag	100.000	10.00000	9.00000 LF	1,000.00	900.00	90.00%	-100.00
0030	208-00046 Pre-fabricated Concrete Washout Structure	14.000	250.00000	600.00000 EACH	3,500.00	8,400.00	240.00%	4,900.00
0035	208-00103 Removal and Disposal of Sediment (Labor)	28.000	50.00000	45.00000 HOUR	1,400.00	1,260.00	90.00%	-140.00

Colorado Department Of Transportation

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Low Bid Item Analysis

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Letting No: 20171130 Contract ID: C21596 Counties: Various  
 Letting Date: November 30, 2017 Region: 0010  
 Letting Time: 10:00 AM Contract Time: 115 WORKING DAYS Project(s): ITS SW01-831

Contract Description:

Weather Station (WS) upgrades in Region 2 and Region 3 (Las Animas, Huerfano, El Paso, Park, Mesa, Pitkin, and Garfield Counties), work consists of installation of new WSs, Fold-Over Towers, foundations, light standards and foundations, cellular modems, an ethernet switch, fiber, pull boxes, bored and trenched conduit, and the reset of existing communications equipment.

A Mandatory PRE-BID conference will be held on Monday November 20, 2017 beginning at 10:00 A.M. at 425 Corporate Circle, Unit C, Golden, CO 80401.

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) / Underrun (-)
<b>SECTION:</b>	0001	BID ITEMS						
0040	208-00106 Sweeping (Sediment Removal)	28.000	125.00000	58.00000 HOUR	3,500.00	1,624.00	46.40%	-1,876.00
0045	208-00207 Erosion Control Management	28.000	225.00000	150.00000 DAY	6,300.00	4,200.00	66.67%	-2,100.00
0050	212-00006 Seeding (Native)	0.800	5,000.00000	4,700.00000 ACRE	4,000.00	3,760.00	94.00%	-240.00
0055	212-00032 Soil Conditioning	0.800	6,000.00000	5,900.00000 ACRE	4,800.00	4,720.00	98.33%	-80.00
0060	216-00201 Soil Retention Blanket (Straw-Coconut) (Biodegradable Class 1)	4,000.000	2.00000	2.00000 SY	8,000.00	8,000.00	100.00%	0.00
0065	607-11525 Fence (Plastic)	150.000	10.00000	2.50000 LF	1,500.00	375.00	25.00%	-1,125.00

Colorado Department Of Transportation

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Low Bid Item Analysis

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Letting No: 20171130 Contract ID: C21596 Counties: Various  
 Letting Date: November 30, 2017 Region: 0010  
 Letting Time: 10:00 AM Contract Time: 115 WORKING DAYS Project(s): ITS SW01-831

Contract Description:

Weather Station (WS) upgrades in Region 2 and Region 3 (Las Animas, Huerfano, El Paso, Park, Mesa, Pitkin, and Garfield Counties), work consists of installation of new WSs, Fold-Over Towers, foundations, light standards and foundations, cellular modems, an ethernet switch, fiber, pull boxes, bored and trenched conduit, and the reset of existing communications equipment.

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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						
0070	612-00260 Location Marker (Fiber Optic)(Dome)	9.000	80.00000	36.00000 EACH	720.00	324.00	45.00%	-396.00
0075	612-00270 Location Marker (Utility)(Flat Slat)	23.000	75.00000	28.00000 EACH	1,725.00	644.00	37.33%	-1,081.00
0080	613-00206 2 Inch Electrical Conduit (Bored)	525.000	20.00000	40.00000 LF	10,500.00	21,000.00	200.00%	10,500.00
0085	613-01200 2 Inch Electrical Conduit (Plastic)	2,310.000	8.00000	9.50000 LF	18,480.00	21,945.00	118.75%	3,465.00
0090	613-07011 Pull Box (11"x18"x12")	25.000	650.00000	550.00000 EACH	16,250.00	13,750.00	84.62%	-2,500.00
0095	613-07023 Pull Box (24"x36"x24")	9.000	1,300.00000	1,227.00000 EACH	11,700.00	11,043.00	94.38%	-657.00
0100	613-10000 Wiring	1.000	15,000.00000	25,000.00000 L S	15,000.00	25,000.00	166.67%	10,000.00

**Colorado Department Of Transportation**

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**Low Bid Item Analysis**

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Letting No: 20171130  
 Letting Date: November 30, 2017  
 Letting Time: 10:00 AM

Contract ID: C21596  
 Region: 0010  
 Contract Time: 115 WORKING DAYS

Counties: Various  
 Project(s): ITS SW01-831

**Contract Description:**

Weather Station (WS) upgrades in Region 2 and Region 3 (Las Animas, Huerfano, El Paso, Park, Mesa, Pitkin, and Garfield Counties), work consists of installation of new WSs, Fold-Over Towers, foundations, light standards and foundations, cellular modems, an ethernet switch, fiber, pull boxes, bored and trenched conduit, and the reset of existing communications equipment.

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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						
0105	613-32300 Light Standard Steel (30 Foot)	7.000	3,000.00000	3,200.00000 EACH	21,000.00	22,400.00	106.67%	1,400.00
0110	613-40010 Light Standard Foundation	7.000	1,250.00000	1,200.00000 EACH	8,750.00	8,400.00	96.00%	-350.00
0115	613-80130 Service Meter Cabinet	2.000	4,250.00000	3,500.00000 EACH	8,500.00	7,000.00	82.35%	-1,500.00
0120	614-86105 Telemetry (Field)	10.000	1,500.00000	1,750.00000 EACH	15,000.00	17,500.00	116.67%	2,500.00
0125	614-86741 Weather Monitoring System	13.000	40,000.00000	59,775.00000 EACH	520,000.00	777,075.00	149.44%	257,075.00
0130	614-86741 Weather Monitoring System (High Sierra)	1.000	40,000.00000	59,775.00000 EACH	40,000.00	59,775.00	149.44%	19,775.00
0135	614-86752 Fold-Over Tower (ITS)	14.000	5,000.00000	10,000.00000 EACH	70,000.00	140,000.00	200.00%	70,000.00

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Low Bid Item Analysis

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Letting No: 20171130 Contract ID: C21596 Counties: Various  
 Letting Date: November 30, 2017 Region: 0010  
 Letting Time: 10:00 AM Contract Time: 115 WORKING DAYS Project(s): ITS SW01-831

Contract Description:

Weather Station (WS) upgrades in Region 2 and Region 3 (Las Animas, Huerfano, El Paso, Park, Mesa, Pitkin, and Garfield Counties), work consists of installation of new WSs, Fold-Over Towers, foundations, light standards and foundations, cellular modems, an ethernet switch, fiber, pull boxes, bored and trenched conduit, and the reset of existing communications equipment.

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<b>SECTION:</b>	0001	BID ITEMS						
0140	614-87006 Fiber Optic Termination Panel (6 Fiber)	3.000	1,000.00000	450.00000 EACH	3,000.00	1,350.00	45.00%	-1,650.00
0145	614-87010 Fiber Optic Cable (Single Mode) (12 Fiber)	375.000	6.00000	25.00000 LF	2,250.00	9,375.00	416.67%	7,125.00
0150	614-87692 Ethernet Switch Type II	3.000	6,000.00000	4,000.00000 EACH	18,000.00	12,000.00	66.67%	-6,000.00
0155	620-00020 Sanitary Facility	1.000	900.00000	700.00000 EACH	900.00	700.00	77.78%	-200.00
0160	626-00000 Mobilization	1.000	89,305.00000	80,000.00000 L S	89,305.00	80,000.00	89.58%	-9,305.00
0165	630-00000 Flagging	40.000	25.00000	40.00000 HOUR	1,000.00	1,600.00	160.00%	600.00
0170	630-00007 Traffic Control Inspection	5.000	250.00000	320.00000 DAY	1,250.00	1,600.00	128.00%	350.00

Colorado Department Of Transportation

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Low Bid Item Analysis

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Letting No: 20171130 Contract ID: C21596 Counties: Various  
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 Letting Time: 10:00 AM Contract Time: 115 WORKING DAYS Project(s): ITS SW01-831

Contract Description:

Weather Station (WS) upgrades in Region 2 and Region 3 (Las Animas, Huerfano, El Paso, Park, Mesa, Pitkin, and Garfield Counties), work consists of installation of new WSs, Fold-Over Towers, foundations, light standards and foundations, cellular modems, an ethernet switch, fiber, pull boxes, bored and trenched conduit, and the reset of existing communications equipment.

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<b>SECTION:</b>	0001	BID ITEMS						
0175	630-00012 Traffic Control Management	110.000	500.00000	700.00000 DAY	55,000.00	77,000.00	140.00%	22,000.00
0180	630-80341 Construction Traffic Sign (Panel Size A)	8.000	45.00000	89.00000 EACH	360.00	712.00	197.78%	352.00
0185	630-80342 Construction Traffic Sign (Panel Size B)	20.000	45.00000	89.00000 EACH	900.00	1,780.00	197.78%	880.00
0190	630-80343 Construction Traffic Sign (Panel Size C)	8.000	45.00000	89.00000 EACH	360.00	712.00	197.78%	352.00
0195	630-80351 Vertical Panel (Plastic)	25.000	45.00000	25.00000 EACH	1,125.00	625.00	55.56%	-500.00
0200	630-80358 Advance Warning Flashing or Sequencing Arrow Panel (C Type)	1.000	1,000.00000	3,000.00000 EACH	1,000.00	3,000.00	300.00%	2,000.00



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**Low Bid Item Analysis**

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Letting No: 20171130	Contract ID: C21596	Counties: Various
Letting Date: November 30, 2017	Region: 0010	
Letting Time: 10:00 AM	Contract Time: 115 WORKING DAYS	Project(s): ITS SW01-831

**Contract Description:**

Weather Station (WS) upgrades in Region 2 and Region 3 (Las Animas, Huerfano, El Paso, Park, Mesa, Pitkin, and Garfield Counties), work consists of installation of new WSs, Fold-Over Towers, foundations, light standards and foundations, cellular modems, an ethernet switch, fiber, pull boxes, bored and trenched conduit, and the reset of existing communications equipment.

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<b>SECTION:</b>	0001	BID ITEMS						
0205	630-80359 Portable Message Sign Panel	5.000	50.00000	300.00000 DAY	250.00	1,500.00	600.00%	1,250.00
0210	630-80360 Drum Channelizing Device	25.000	25.00000	25.00000 EACH	625.00	625.00	100.00%	0.00
0215	630-80380 Traffic Cone	150.000	10.00000	5.00000 EACH	1,500.00	750.00	50.00%	-750.00
0220	630-85041 Mobile Attenuator	5.000	750.00000	1,550.00000 DAY	3,750.00	7,750.00	206.67%	4,000.00
<b>Section 0001 Subtotal</b>					\$1,000,000.00	\$1,396,424.00	139.64%	\$396,424.00
<b>Contract Total for Calculated Low Bidders Bid Items</b>					<b>\$1,000,000.00</b>	<b>\$1,396,424.00</b>	<b>139.64%</b>	<b>\$396,424.00</b>