

Colorado Department Of Transportation

Printed On: 11/07/2019

Low Bid Summary

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Letting Date: October 31, 2019

Call Order	Contract ID	Project(s)	# of Bids	Low Bidder	Estimated Cost	Corrected Bid	Percent of Estimate	Overrun (+) Underrun (-)
003	C23032	ITS SW02-286	2	PAONIA, INC dba PAONIA, LLC	\$3,000,000.00	\$2,899,460.00	96.65%	-\$100,540.00
Letting Totals			2		\$3,000,000.00	\$2,899,460.00	96.65%	-\$100,540.00

Vendor Ranking

Contract ID: C23032

Contract Description:

CONNECT CDOT BUILDINGS TO FIBER BACKBONE IN REGIONS 2, 3 AND 5.

A MANDATORY PRE-BID CONFERENCE WILL BE HELD ON MONDAY, OCTOBER 21ST, 2019 STARTING 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	\$2,899,460.00	100.00%	96.65%
0	-EST-	Engineer's Estimate	\$3,000,000.00	103.47%	100.00%
2	1655	Casper Electric, Inc.	\$3,199,228.00	110.34%	106.64%

Tabulation of Bids

Contract ID: C23032

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1507A PAONIA, INC		(2) 1655 Casper Electric, Inc.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS				LCC:		
202-00200	Removal of Sidewalk	10.000 SY	100.00000	1,000.00	35.00000	350.00	100.00000	1,000.00
203-01597	Potholing	250.000 HOUR	200.00000	50,000.00	10.00000	2,500.00	310.00000	77,500.00
208-00002	Erosion Log Type 1 (12 Inch)	1,000.000 LF	5.00000	5,000.00	5.00000	5,000.00	16.00000	16,000.00
208-00035	Aggregate Bag	200.000 LF	8.00000	1,600.00	10.00000	2,000.00	40.00000	8,000.00
208-00046	Pre-fabricated Concrete Washout Structure (Type 1)	32.000 EACH	500.00000	16,000.00	25.00000	800.00	750.00000	24,000.00
208-00103	Removal and Disposal of Sediment (Labor)	100.000 HOUR	60.00000	6,000.00	55.00000	5,500.00	140.00000	14,000.00
208-00105	Removal and Disposal of Sediment (Equipment)	100.000 HOUR	120.00000	12,000.00	115.00000	11,500.00	100.00000	10,000.00
208-00106	Sweeping (Sediment Removal)	150.000 HOUR	150.00000	22,500.00	140.00000	21,000.00	280.00000	42,000.00
208-00107	Removal of Trash	100.000 HOUR	90.00000	9,000.00	10.00000	1,000.00	140.00000	14,000.00
212-00006	Seeding (Native)	1.700 ACRE	3,000.00000	5,100.00	2,750.00000	4,675.00	10,000.00000	17,000.00
212-00032	Soil Conditioning	1.700 ACRE	3,000.00000	5,100.00	23,125.00000	39,312.50	26,000.00000	44,200.00
213-00003	Mulching (Weed Free)	0.100 ACRE	600.00000	60.00	25,000.00000	2,500.00	16,300.00000	1,630.00
213-00061	Mulch Tackifier	20.000 LB	5.00000	100.00	125.00000	2,500.00	38.00000	760.00
216-00201	Soil Retention Blanket (Straw-Coconut) (Biodegradable Class 1)	8,000.000 SY	2.00000	16,000.00	14.90000	119,200.00	9.00000	72,000.00
240-00000	Wildlife Biologist	50.000 HOUR	100.00000	5,000.00	125.00000	6,250.00	85.00000	4,250.00

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			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS				LCC:		
403-00721	Hot Mix Asphalt (Patching) (Asphalt)	500.000 SY	100.00000	50,000.00	55.00000	27,500.00	180.00000	90,000.00
607-11525	Fence (Plastic)	1,000.000 LF	10.00000	10,000.00	5.00000	5,000.00	20.00000	20,000.00
608-00000	Concrete Sidewalk	10.000 SY	300.00000	3,000.00	200.00000	2,000.00	400.00000	4,000.00
612-00260	Location Marker (Fiber Optic)(Dome)	78.000 EACH	80.00000	6,240.00	125.00000	9,750.00	350.00000	27,300.00
613-00200	2 Inch Electrical Conduit (Galvanized Rigid Conduit)	900.000 LF	80.00000	72,000.00	40.00000	36,000.00	80.00000	72,000.00
613-00206	2 Inch Electrical Conduit (Bored)	34,430.000 LF	25.00000	860,750.00	25.00000	860,750.00	30.00000	1,032,900.00
613-01200	2 Inch Electrical Conduit (Plastic)	1,010.000 LF	25.00000	25,250.00	21.00000	21,210.00	21.00000	21,210.00
613-07010	Pull Box (Surface Mounted)	24.000 EACH	2,500.00000	60,000.00	1,100.00000	26,400.00	600.00000	14,400.00
613-07023	Pull Box (24"x36"x24")	100.000 EACH	2,000.00000	200,000.00	1,500.00000	150,000.00	2,000.00000	200,000.00
613-07040	Pull Box (30"x48"x24")	9.000 EACH	2,200.00000	19,800.00	2,500.00000	22,500.00	2,600.00000	23,400.00
614-70024	1310nm SFP Optic Module	99.000 EACH	500.00000	49,500.00	500.00000	49,500.00	700.00000	69,300.00
614-87024	Fiber Optic Termination Panel (24 Fiber)	29.000 EACH	1,500.00000	43,500.00	850.00000	24,650.00	800.00000	23,200.00
614-87350	Test Fiber Optic Cable	1.000 L S	20,000.00000	20,000.00	20,000.00000	20,000.00	16,300.00000	16,300.00
614-87448	Fiber Optic Cable (Single Mode) (48 Strands)	43,825.000 LF	6.00000	262,950.00	12.50000	547,812.50	2.64000	115,698.00
614-87693	Ethernet Switch Type III	30.000 EACH	7,000.00000	210,000.00	7,500.00000	225,000.00	5,120.00000	153,600.00

Tabulation of Bids

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Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1507A PAONIA, INC		(2) 1655 Casper Electric, Inc.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS				LCC:			
614-87697	Ethernet Aggregation Switch Type I	11.000 EACH	15,000.00000	165,000.00	11,000.00000	121,000.00	9,285.00000	102,135.00
620-00020	Sanitary Facility	1.000 EACH	2,000.00000	2,000.00	500.00000	500.00	5,000.00000	5,000.00
625-00000	Construction Surveying	1.000 L S	7,500.00000	7,500.00	10,000.00000	10,000.00	22,000.00000	22,000.00
626-00000	Mobilization	1.000 L S	498,600.00000	498,600.00	440,000.00000	440,000.00	550,000.00000	550,000.00
630-00000	Flagging	500.000 HOUR	30.00000	15,000.00	30.00000	15,000.00	37.00000	18,500.00
630-00007	Traffic Control Inspection	10.000 DAY	250.00000	2,500.00	125.00000	1,250.00	520.00000	5,200.00
630-00012	Traffic Control Management	180.000 DAY	850.00000	153,000.00	150.00000	27,000.00	890.00000	160,200.00
630-80336	Barricade (Type 3 M-B) (Temporary)	2.000 EACH	250.00000	500.00	250.00000	500.00	160.00000	320.00
630-80341	Construction Traffic Sign (Panel Size A)	8.000 EACH	50.00000	400.00	50.00000	400.00	210.00000	1,680.00
630-80342	Construction Traffic Sign (Panel Size B)	32.000 EACH	55.00000	1,760.00	75.00000	2,400.00	265.00000	8,480.00
630-80343	Construction Traffic Sign (Panel Size C)	12.000 EACH	70.00000	840.00	125.00000	1,500.00	3,200.00000	38,400.00
630-80350	Vertical Panel	50.000 EACH	40.00000	2,000.00	30.00000	1,500.00	5.25000	262.50
630-80358	Advance Warning Flashing or Sequencing Arrow Panel (C Type)	2.000 EACH	2,250.00000	4,500.00	2,500.00000	5,000.00	265.00000	530.00
630-80359	Portable Message Sign Panel	26.000 DAY	200.00000	5,200.00	125.00000	3,250.00	525.00000	13,650.00
630-80360	Drum Channelizing Device	50.000 EACH	35.00000	1,750.00	30.00000	1,500.00	5.25000	262.50

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			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS						
						LCC:		
630-80380	Traffic Cone	200.000 EACH	10.00000	2,000.00	15.00000	3,000.00	1.05000	210.00
630-85041	Mobile Attenuator	90.000 DAY	1,000.00000	90,000.00	150.00000	13,500.00	475.00000	42,750.00
Section Totals:				\$3,000,000.00		\$2,899,460.00		\$3,199,228.00
Contract Grand Totals				\$3,000,000.00		\$2,899,460.00		\$3,199,228.00

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Low Bid Item Analysis

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Contract ID: C23032

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0005	202-00200 Removal of Sidewalk	10.000	100.00000	35.00000 SY	1,000.00	350.00	35.00%	-650.00
0010	203-01597 Potholing	250.000	200.00000	10.00000 HOUR	50,000.00	2,500.00	5.00%	-47,500.00
0015	208-00002 Erosion Log Type 1 (12 Inch)	1,000.000	5.00000	5.00000 LF	5,000.00	5,000.00	100.00%	0.00
0020	208-00035 Aggregate Bag	200.000	8.00000	10.00000 LF	1,600.00	2,000.00	125.00%	400.00
0025	208-00046 Pre-fabricated Concrete Washout Structure (Type 1)	32.000	500.00000	25.00000 EACH	16,000.00	800.00	5.00%	-15,200.00
0030	208-00103 Removal and Disposal of Sediment (Labor)	100.000	60.00000	55.00000 HOUR	6,000.00	5,500.00	91.67%	-500.00
0035	208-00105 Removal and Disposal of Sediment (Equipment)	100.000	120.00000	115.00000 HOUR	12,000.00	11,500.00	95.83%	-500.00
0040	208-00106 Sweeping (Sediment Removal)	150.000	150.00000	140.00000 HOUR	22,500.00	21,000.00	93.33%	-1,500.00
0045	208-00107 Removal of Trash	100.000	90.00000	10.00000 HOUR	9,000.00	1,000.00	11.11%	-8,000.00
0050	212-00006 Seeding (Native)	1.700	3,000.00000	2,750.00000 ACRE	5,100.00	4,675.00	91.67%	-425.00
0055	212-00032 Soil Conditioning	1.700	3,000.00000	23,125.00000 ACRE	5,100.00	39,312.50	770.83%	34,212.50
0060	213-00003 Mulching (Weed Free)	0.100	600.00000	25,000.00000 ACRE	60.00	2,500.00	4166.67%	2,440.00

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Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0065	213-00061 Mulch Tackifier	20.000	5.00000	125.00000 LB	100.00	2,500.00	2500.00%	2,400.00
0070	216-00201 Soil Retention Blanket (Straw-Coconut) (Biodegradable Class 1)	8,000.000	2.00000	14.90000 SY	16,000.00	119,200.00	745.00%	103,200.00
0075	240-00000 Wildlife Biologist	50.000	100.00000	125.00000 HOUR	5,000.00	6,250.00	125.00%	1,250.00
0080	403-00721 Hot Mix Asphalt (Patching) (Asphalt)	500.000	100.00000	55.00000 SY	50,000.00	27,500.00	55.00%	-22,500.00
0085	607-11525 Fence (Plastic)	1,000.000	10.00000	5.00000 LF	10,000.00	5,000.00	50.00%	-5,000.00
0090	608-00000 Concrete Sidewalk	10.000	300.00000	200.00000 SY	3,000.00	2,000.00	66.67%	-1,000.00
0095	612-00260 Location Marker (Fiber Optic)(Dome)	78.000	80.00000	125.00000 EACH	6,240.00	9,750.00	156.25%	3,510.00
0100	613-00200 2 Inch Electrical Conduit (Galvanized Rigid Conduit)	900.000	80.00000	40.00000 LF	72,000.00	36,000.00	50.00%	-36,000.00
0105	613-00206 2 Inch Electrical Conduit (Bored)	34,430.000	25.00000	25.00000 LF	860,750.00	860,750.00	100.00%	0.00
0110	613-01200 2 Inch Electrical Conduit (Plastic)	1,010.000	25.00000	21.00000 LF	25,250.00	21,210.00	84.00%	-4,040.00
0115	613-07010 Pull Box (Surface Mounted)	24.000	2,500.00000	1,100.00000 EACH	60,000.00	26,400.00	44.00%	-33,600.00

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Contract ID: C23032

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0120	613-07023 Pull Box (24"x36"x24")	100.000	2,000.00000	1,500.00000 EACH	200,000.00	150,000.00	75.00%	-50,000.00
0125	613-07040 Pull Box (30"x48"x24")	9.000	2,200.00000	2,500.00000 EACH	19,800.00	22,500.00	113.64%	2,700.00
0130	614-70024 1310nm SFP Optic Module	99.000	500.00000	500.00000 EACH	49,500.00	49,500.00	100.00%	0.00
0135	614-87024 Fiber Optic Termination Panel (24 Fiber)	29.000	1,500.00000	850.00000 EACH	43,500.00	24,650.00	56.67%	-18,850.00
0140	614-87350 Test Fiber Optic Cable	1.000	20,000.00000	20,000.00000 L S	20,000.00	20,000.00	100.00%	0.00
0145	614-87448 Fiber Optic Cable (Single Mode) (48 Strands)	43,825.000	6.00000	12.50000 LF	262,950.00	547,812.50	208.33%	284,862.50
0150	614-87693 Ethernet Switch Type III	30.000	7,000.00000	7,500.00000 EACH	210,000.00	225,000.00	107.14%	15,000.00
0155	614-87697 Ethernet Aggregation Switch Type I	11.000	15,000.00000	11,000.00000 EACH	165,000.00	121,000.00	73.33%	-44,000.00
0160	620-00020 Sanitary Facility	1.000	2,000.00000	500.00000 EACH	2,000.00	500.00	25.00%	-1,500.00
0165	625-00000 Construction Surveying	1.000	7,500.00000	10,000.00000 L S	7,500.00	10,000.00	133.33%	2,500.00
0170	626-00000 Mobilization	1.000	498,600.00000	440,000.00000 L S	498,600.00	440,000.00	88.25%	-58,600.00
0175	630-00000 Flagging	500.000	30.00000	30.00000 HOUR	15,000.00	15,000.00	100.00%	0.00

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Contract ID: C23032

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0180	630-00007 Traffic Control Inspection	10.000	250.00000	125.00000 DAY	2,500.00	1,250.00	50.00%	-1,250.00
0185	630-00012 Traffic Control Management	180.000	850.00000	150.00000 DAY	153,000.00	27,000.00	17.65%	-126,000.00
0190	630-80336 Barricade (Type 3 M-B) (Temporary)	2.000	250.00000	250.00000 EACH	500.00	500.00	100.00%	0.00
0195	630-80341 Construction Traffic Sign (Panel Size A)	8.000	50.00000	50.00000 EACH	400.00	400.00	100.00%	0.00
0200	630-80342 Construction Traffic Sign (Panel Size B)	32.000	55.00000	75.00000 EACH	1,760.00	2,400.00	136.36%	640.00
0205	630-80343 Construction Traffic Sign (Panel Size C)	12.000	70.00000	125.00000 EACH	840.00	1,500.00	178.57%	660.00
0210	630-80350 Vertical Panel	50.000	40.00000	30.00000 EACH	2,000.00	1,500.00	75.00%	-500.00
0215	630-80358 Advance Warning Flashing or Sequencing Arrow Panel (C Type)	2.000	2,250.00000	2,500.00000 EACH	4,500.00	5,000.00	111.11%	500.00
0220	630-80359 Portable Message Sign Panel	26.000	200.00000	125.00000 DAY	5,200.00	3,250.00	62.50%	-1,950.00
0225	630-80360 Drum Channelizing Device	50.000	35.00000	30.00000 EACH	1,750.00	1,500.00	85.71%	-250.00
0230	630-80380 Traffic Cone	200.000	10.00000	15.00000 EACH	2,000.00	3,000.00	150.00%	1,000.00
0235	630-85041 Mobile Attenuator	90.000	1,000.00000	150.00000 DAY	90,000.00	13,500.00	15.00%	-76,500.00

Low Bid Item Analysis

Contract ID: C23032

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
Section 0001 Subtotal					\$3,000,000.00	\$2,899,460.00	96.65%	-\$100,540.00
Contract Total for Calculated Low Bidders Bid Items					\$3,000,000.00	\$2,899,460.00	96.65%	-\$100,540.00