

Colorado Department Of Transportation

Printed On: 06/11/2020

Low Bid Summary

Page 1 of 1

Letting Date: June 11, 2020

Call Order	Contract ID	Project(s)	# of Bids	Low Bidder	Estimated Cost	Corrected Bid	Percent of Estimate	Overrun (+) Underrun (-)
001	C21287	ITSSW01-719	2	PAONIA, INC dba PAONIA, LLC	\$2,449,131.00	\$1,488,325.00	60.77%	-\$960,806.00
Letting Totals			2		\$2,449,131.00	\$1,488,325.00	60.77%	-\$960,806.00

Vendor Ranking

Contract ID: C21287

Contract Description:

Replacing 11 existing VMS's throughout Region 5.

An optional virtual pre-bid meeting will be held on June 1, 2020 beginning at 14:30. The log in information is:

-Meeting ID: meet.google.com/ozf-bxgo-wnu

-Phone Number: (US)+1 321-345-9741, PIN: 574 578 342#

Rank	Vendor ID	Vendor Name	Total Bid	Percent Of Low Bid	Percent Of Estimate
1	1507A	PAONIA, INC dba PAONIA, LLC	\$1,488,325.00	100.00%	60.77%
2	1476A	MORTON ELECTRIC, INC.	\$1,910,213.10	128.35%	78.00%
0	-EST-	Engineer's Estimate	\$2,449,131.00	164.56%	100.00%

Tabulation of Bids

Contract ID: C21287

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1507A PAONIA, INC		(2) 1476A MORTON ELECTRIC, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items				LCC:			
202-00810	Removal of Ground Sign	9.000 EACH	200.00000	1,800.00	2,500.00000	22,500.00	1,500.00000	13,500.00
202-01130	Removal of Guardrail Type 3	775.000 LF	14.00000	10,850.00	11.50000	8,912.50	10.00000	7,750.00
203-00060	Embankment Material (Complete In Place)	16.000 CY	75.00000	1,200.00	25.00000	400.00	250.00000	4,000.00
203-01597	Potholing	80.000 HOUR	275.00000	22,000.00	50.00000	4,000.00	200.00000	16,000.00
206-00065	Structure Backfill (Flow-Fill)	75.000 CY	400.00000	30,000.00	150.00000	11,250.00	250.00000	18,750.00
208-00002	Erosion Log Type 1 (12 Inch)	1,000.000 LF	5.00000	5,000.00	2.50000	2,500.00	5.50000	5,500.00
208-00035	Aggregate Bag	220.000 LF	14.00000	3,080.00	7.50000	1,650.00	12.00000	2,640.00
208-00046	Pre-fabricated Concrete Washout Structure (Type 1)	9.000 EACH	750.00000	6,750.00	250.00000	2,250.00	250.00000	2,250.00
208-00103	Removal and Disposal of Sediment (Labor)	50.000 HOUR	60.00000	3,000.00	10.00000	500.00	75.00000	3,750.00
208-00105	Removal and Disposal of Sediment (Equipment)	50.000 HOUR	135.00000	6,750.00	10.00000	500.00	75.00000	3,750.00
208-00106	Sweeping (Sediment Removal)	50.000 HOUR	185.00000	9,250.00	5.00000	250.00	75.00000	3,750.00
212-00006	Seeding (Native)	1.600 ACRE	3,000.00000	4,800.00	1,562.50000	2,500.00	4,485.00000	7,176.00
212-00032	Soil Conditioning	1.600 ACRE	5,000.00000	8,000.00	1,562.50000	2,500.00	5,916.00000	9,465.60
213-00061	Mulch Tackifier	320.000 LB	5.00000	1,600.00	11.00000	3,520.00	12.50000	4,000.00
240-00000	Wildlife Biologist	40.000 HOUR	125.00000	5,000.00	66.00000	2,640.00	217.00000	8,680.00

Tabulation of Bids

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Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1507A PAONIA, INC		(2) 1476A MORTON ELECTRIC, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items				LCC:			
403-00721	Hot Mix Asphalt (Patching) (Asphalt)	396.000 SY	175.00000	69,300.00	65.00000	25,740.00	250.00000	99,000.00
503-00042	Drilled Shaft (42 Inch)	136.000 LF	1,200.00000	163,200.00	750.00000	102,000.00	877.00000	119,272.00
503-00048	Drilled Shaft (48 Inch)	31.000 LF	1,500.00000	46,500.00	995.00000	30,845.00	1,017.00000	31,527.00
606-00301	Guardrail Type 3 (6-3 Post Spacing)	1,287.500 LF	70.00000	90,125.00	45.00000	57,937.50	39.00000	50,212.50
606-01385	Transition Type 3J	2.000 EACH	2,750.00000	5,500.00	1,380.00000	2,760.00	1,111.00000	2,222.00
606-01390	End Anchorage Type 3K	2.000 EACH	2,100.00000	4,200.00	2,000.00000	4,000.00	1,705.00000	3,410.00
606-02003	End Anchorage (Nonflared)	6.000 EACH	6,000.00000	36,000.00	3,500.00000	21,000.00	3,260.00000	19,560.00
606-02005	End Anchorage (Flared)	6.000 EACH	5,000.00000	30,000.00	3,500.00000	21,000.00	3,291.00000	19,746.00
607-11525	Fence (Plastic)	300.000 LF	4.00000	1,200.00	7.50000	2,250.00	5.00000	1,500.00
612-00001	Delineator (Type I)	6.000 EACH	25.00000	150.00	25.00000	150.00	30.00000	180.00
612-00003	Delineator (Type III)	6.000 EACH	30.00000	180.00	30.00000	180.00	35.00000	210.00
612-00260	Location Marker (Fiber Optic)(Dome)	1.000 EACH	250.00000	250.00	125.00000	125.00	100.00000	100.00
612-00270	Location Marker (Utility)(Flat Slat)	41.000 EACH	250.00000	10,250.00	100.00000	4,100.00	50.00000	2,050.00
613-00206	2 Inch Electrical Conduit (Bored)	390.000 LF	57.00000	22,230.00	50.00000	19,500.00	33.00000	12,870.00
613-01200	2 Inch Electrical Conduit (Plastic)	3,330.000 LF	20.00000	66,600.00	22.50000	74,925.00	20.00000	66,600.00
613-07002	Type Two Pull Box	21.000 EACH	1,500.00000	31,500.00	900.00000	18,900.00	900.00000	18,900.00

Tabulation of Bids

Contract ID: C21287

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1507A PAONIA, INC		(2) 1476A MORTON ELECTRIC, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items				LCC:			
613-07023	Pull Box (24"x36"x24")	5.000 EACH	2,500.00000	12,500.00	1,600.00000	8,000.00	1,700.00000	8,500.00
613-80130	Service Meter Cabinet	6.000 EACH	6,000.00000	36,000.00	2,500.00000	15,000.00	3,850.00000	23,100.00
614-00011	Sign Panel (Class I)	41.000 SF	23.00000	943.00	15.00000	615.00	36.00000	1,476.00
614-10120	Variable Message Sign	8.000 EACH	65,000.00000	520,000.00	50,000.00000	400,000.00	59,932.00000	479,456.00
614-10145	Variable Message Sign LED (Single Faced)	2.000 EACH	70,000.00000	140,000.00	36,000.00000	72,000.00	50,372.00000	100,744.00
614-10147	Variable Message Sign LED (Overhead)	1.000 EACH	120,000.00000	120,000.00	54,000.00000	54,000.00	66,316.00000	66,316.00
614-30205	VMS Butterfly Support (Roadside)	8.000 EACH	30,000.00000	240,000.00	22,000.00000	176,000.00	31,225.00000	249,800.00
614-32400	Monotube Overhead Sign Cantilever (24 Inch Diameter)	1.000 EACH	55,000.00000	55,000.00	41,000.00000	41,000.00	69,750.00000	69,750.00
614-70024	1310nm SFP Optic Module	2.000 EACH	400.00000	800.00	1,000.00000	2,000.00	750.00000	1,500.00
614-70030	Optical Attenuator	1.000 EACH	125.00000	125.00	4,500.00000	4,500.00	1,500.00000	1,500.00
614-86006	Telemetry (Master)	4.000 EACH	3,000.00000	12,000.00	3,500.00000	14,000.00	3,000.00000	12,000.00
614-86105	Telemetry (Field)	4.000 EACH	3,000.00000	12,000.00	5,500.00000	22,000.00	2,400.00000	9,600.00
614-87024	Fiber Optic Termination Panel (24 Fiber)	1.000 EACH	1,000.00000	1,000.00	1,900.00000	1,900.00	3,000.00000	3,000.00
614-87320	Closed Circuit Television	1.000 EACH	5,200.00000	5,200.00	6,500.00000	6,500.00	6,000.00000	6,000.00
614-87691	Ethernet Switch Type I	1.000 EACH	6,500.00000	6,500.00	4,500.00000	4,500.00	6,000.00000	6,000.00

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Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1507A PAONIA, INC		(2) 1476A MORTON ELECTRIC, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items				LCC:			
626-00000	Mobilization	1.000 L S	360,000.00000	360,000.00	125,000.00000	125,000.00	175,000.00000	175,000.00
626-01114	Public Information Management (Tier IV)	10.000 DAY	50.00000	500.00	55.00000	550.00	100.00000	1,000.00
630-00000	Flagging	100.000 HOUR	30.00000	3,000.00	35.00000	3,500.00	32.00000	3,200.00
630-00003	Uniformed Traffic Control	16.000 HOUR	125.00000	2,000.00	125.00000	2,000.00	132.00000	2,112.00
630-00007	Traffic Control Inspection	5.000 DAY	200.00000	1,000.00	50.00000	250.00	275.00000	1,375.00
630-00012	Traffic Control Management	115.000 DAY	1,250.00000	143,750.00	275.00000	31,625.00	748.00000	86,020.00
630-80341	Construction Traffic Sign (Panel Size A)	8.000 EACH	31.00000	248.00	100.00000	800.00	94.00000	752.00
630-80342	Construction Traffic Sign (Panel Size B)	32.000 EACH	40.00000	1,280.00	125.00000	4,000.00	94.00000	3,008.00
630-80343	Construction Traffic Sign (Panel Size C)	12.000 EACH	85.00000	1,020.00	150.00000	1,800.00	94.00000	1,128.00
630-80351	Vertical Panel (Plastic)	50.000 EACH	45.00000	2,250.00	35.00000	1,750.00	33.00000	1,650.00
630-80358	Advance Warning Flashing or Sequencing Arrow Panel (C Type)	2.000 EACH	1,500.00000	3,000.00	2,500.00000	5,000.00	715.00000	1,430.00
630-80359	Portable Message Sign Panel	10.000 DAY	3,600.00000	36,000.00	2,000.00000	20,000.00	100.00000	1,000.00
630-80380	Traffic Cone	200.000 EACH	5.00000	1,000.00	25.00000	5,000.00	11.00000	2,200.00
630-85041	Mobile Attenuator	55.000 DAY	650.00000	35,750.00	250.00000	13,750.00	605.00000	33,275.00
Section Totals:				\$2,449,131.00		\$1,488,325.00		\$1,910,213.10

Tabulation of Bids

Contract ID: C21287

Contract Grand Totals	\$2,449,131.00	\$1,488,325.00	\$1,910,213.10
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Colorado Department Of Transportation

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Low Bid Item Analysis

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Contract ID: C21287

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	Bid Items						
0005	202-00810 Removal of Ground Sign	9.000	200.00000	2,500.00000 EACH	1,800.00	22,500.00	1250.00%	20,700.00
0010	202-01130 Removal of Guardrail Type 3	775.000	14.00000	11.50000 LF	10,850.00	8,912.50	82.14%	-1,937.50
0015	203-00060 Embankment Material (Complete In Place)	16.000	75.00000	25.00000 CY	1,200.00	400.00	33.33%	-800.00
0020	203-01597 Potholing	80.000	275.00000	50.00000 HOUR	22,000.00	4,000.00	18.18%	-18,000.00
0025	206-00065 Structure Backfill (Flow-Fill)	75.000	400.00000	150.00000 CY	30,000.00	11,250.00	37.50%	-18,750.00
0030	208-00002 Erosion Log Type 1 (12 Inch)	1,000.000	5.00000	2.50000 LF	5,000.00	2,500.00	50.00%	-2,500.00
0035	208-00035 Aggregate Bag	220.000	14.00000	7.50000 LF	3,080.00	1,650.00	53.57%	-1,430.00
0040	208-00046 Pre-fabricated Concrete Washout Structure (Type 1)	9.000	750.00000	250.00000 EACH	6,750.00	2,250.00	33.33%	-4,500.00
0045	208-00103 Removal and Disposal of Sediment (Labor)	50.000	60.00000	10.00000 HOUR	3,000.00	500.00	16.67%	-2,500.00
0050	208-00105 Removal and Disposal of Sediment (Equipment)	50.000	135.00000	10.00000 HOUR	6,750.00	500.00	7.41%	-6,250.00
0055	208-00106 Sweeping (Sediment Removal)	50.000	185.00000	5.00000 HOUR	9,250.00	250.00	2.70%	-9,000.00
0060	212-00006 Seeding (Native)	1.600	3,000.00000	1,562.50000 ACRE	4,800.00	2,500.00	52.08%	-2,300.00

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Low Bid Item Analysis

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Contract ID: C21287

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	Bid Items						
0065	212-00032 Soil Conditioning	1.600	5,000.00000	1,562.50000 ACRE	8,000.00	2,500.00	31.25%	-5,500.00
0070	213-00061 Mulch Tackifier	320.000	5.00000	11.00000 LB	1,600.00	3,520.00	220.00%	1,920.00
0075	240-00000 Wildlife Biologist	40.000	125.00000	66.00000 HOUR	5,000.00	2,640.00	52.80%	-2,360.00
0080	403-00721 Hot Mix Asphalt (Patching) (Asphalt)	396.000	175.00000	65.00000 SY	69,300.00	25,740.00	37.14%	-43,560.00
0085	503-00042 Drilled Shaft (42 Inch)	136.000	1,200.00000	750.00000 LF	163,200.00	102,000.00	62.50%	-61,200.00
0090	503-00048 Drilled Shaft (48 Inch)	31.000	1,500.00000	995.00000 LF	46,500.00	30,845.00	66.33%	-15,655.00
0095	606-00301 Guardrail Type 3 (6-3 Post Spacing)	1,287.500	70.00000	45.00000 LF	90,125.00	57,937.50	64.29%	-32,187.50
0100	606-01385 Transition Type 3J	2.000	2,750.00000	1,380.00000 EACH	5,500.00	2,760.00	50.18%	-2,740.00
0105	606-01390 End Anchorage Type 3K	2.000	2,100.00000	2,000.00000 EACH	4,200.00	4,000.00	95.24%	-200.00
0110	606-02003 End Anchorage (Nonflared)	6.000	6,000.00000	3,500.00000 EACH	36,000.00	21,000.00	58.33%	-15,000.00
0115	606-02005 End Anchorage (Flared)	6.000	5,000.00000	3,500.00000 EACH	30,000.00	21,000.00	70.00%	-9,000.00
0120	607-11525 Fence (Plastic)	300.000	4.00000	7.50000 LF	1,200.00	2,250.00	187.50%	1,050.00

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Low Bid Item Analysis

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Contract ID: C21287

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	Bid Items						
0125	612-00001 Delineator (Type I)	6.000	25.00000	25.00000 EACH	150.00	150.00	100.00%	0.00
0130	612-00003 Delineator (Type III)	6.000	30.00000	30.00000 EACH	180.00	180.00	100.00%	0.00
0135	612-00260 Location Marker (Fiber Optic)(Dome)	1.000	250.00000	125.00000 EACH	250.00	125.00	50.00%	-125.00
0140	612-00270 Location Marker (Utility)(Flat Slat)	41.000	250.00000	100.00000 EACH	10,250.00	4,100.00	40.00%	-6,150.00
0145	613-00206 2 Inch Electrical Conduit (Bored)	390.000	57.00000	50.00000 LF	22,230.00	19,500.00	87.72%	-2,730.00
0150	613-01200 2 Inch Electrical Conduit (Plastic)	3,330.000	20.00000	22.50000 LF	66,600.00	74,925.00	112.50%	8,325.00
0155	613-07002 Type Two Pull Box	21.000	1,500.00000	900.00000 EACH	31,500.00	18,900.00	60.00%	-12,600.00
0160	613-07023 Pull Box (24"x36"x24")	5.000	2,500.00000	1,600.00000 EACH	12,500.00	8,000.00	64.00%	-4,500.00
0165	613-80130 Service Meter Cabinet	6.000	6,000.00000	2,500.00000 EACH	36,000.00	15,000.00	41.67%	-21,000.00
0170	614-00011 Sign Panel (Class I)	41.000	23.00000	15.00000 SF	943.00	615.00	65.22%	-328.00
0175	614-10120 Variable Message Sign	8.000	65,000.00000	50,000.00000 EACH	520,000.00	400,000.00	76.92%	-120,000.00
0180	614-10145 Variable Message Sign LED (Single Faced)	2.000	70,000.00000	36,000.00000 EACH	140,000.00	72,000.00	51.43%	-68,000.00

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Contract ID: C21287

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	Bid Items						
0185	614-10147 Variable Message Sign LED (Overhead)	1.000	120,000.00000	54,000.00000 EACH	120,000.00	54,000.00	45.00%	-66,000.00
0190	614-30205 VMS Butterfly Support (Roadside)	8.000	30,000.00000	22,000.00000 EACH	240,000.00	176,000.00	73.33%	-64,000.00
0195	614-32400 Monotube Overhead Sign Cantilever (24 Inch Diameter)	1.000	55,000.00000	41,000.00000 EACH	55,000.00	41,000.00	74.55%	-14,000.00
0200	614-70024 1310nm SFP Optic Module	2.000	400.00000	1,000.00000 EACH	800.00	2,000.00	250.00%	1,200.00
0205	614-70030 Optical Attenuator	1.000	125.00000	4,500.00000 EACH	125.00	4,500.00	3600.00%	4,375.00
0210	614-86006 Telemetry (Master)	4.000	3,000.00000	3,500.00000 EACH	12,000.00	14,000.00	116.67%	2,000.00
0215	614-86105 Telemetry (Field)	4.000	3,000.00000	5,500.00000 EACH	12,000.00	22,000.00	183.33%	10,000.00
0220	614-87024 Fiber Optic Termination Panel (24 Fiber)	1.000	1,000.00000	1,900.00000 EACH	1,000.00	1,900.00	190.00%	900.00
0225	614-87320 Closed Circuit Television	1.000	5,200.00000	6,500.00000 EACH	5,200.00	6,500.00	125.00%	1,300.00
0230	614-87691 Ethernet Switch Type I	1.000	6,500.00000	4,500.00000 EACH	6,500.00	4,500.00	69.23%	-2,000.00
0235	626-00000 Mobilization	1.000	360,000.00000	125,000.00000 L S	360,000.00	125,000.00	34.72%	-235,000.00
0240	626-01114 Public Information Management (Tier IV)	10.000	50.00000	55.00000 DAY	500.00	550.00	110.00%	50.00

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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						
0245	630-00000 Flagging	100.000	30.00000	35.00000 HOUR	3,000.00	3,500.00	116.67%	500.00
0250	630-00003 Uniformed Traffic Control	16.000	125.00000	125.00000 HOUR	2,000.00	2,000.00	100.00%	0.00
0255	630-00007 Traffic Control Inspection	5.000	200.00000	50.00000 DAY	1,000.00	250.00	25.00%	-750.00
0260	630-00012 Traffic Control Management	115.000	1,250.00000	275.00000 DAY	143,750.00	31,625.00	22.00%	-112,125.00
0265	630-80341 Construction Traffic Sign (Panel Size A)	8.000	31.00000	100.00000 EACH	248.00	800.00	322.58%	552.00
0270	630-80342 Construction Traffic Sign (Panel Size B)	32.000	40.00000	125.00000 EACH	1,280.00	4,000.00	312.50%	2,720.00
0275	630-80343 Construction Traffic Sign (Panel Size C)	12.000	85.00000	150.00000 EACH	1,020.00	1,800.00	176.47%	780.00
0280	630-80351 Vertical Panel (Plastic)	50.000	45.00000	35.00000 EACH	2,250.00	1,750.00	77.78%	-500.00
0285	630-80358 Advance Warning Flashing or Sequencing Arrow Panel (C Type)	2.000	1,500.00000	2,500.00000 EACH	3,000.00	5,000.00	166.67%	2,000.00
0290	630-80359 Portable Message Sign Panel	10.000	3,600.00000	2,000.00000 DAY	36,000.00	20,000.00	55.56%	-16,000.00
0295	630-80380 Traffic Cone	200.000	5.00000	25.00000 EACH	1,000.00	5,000.00	500.00%	4,000.00
0300	630-85041 Mobile Attenuator	55.000	650.00000	250.00000 DAY	35,750.00	13,750.00	38.46%	-22,000.00

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 (-)
Section 0001 Subtotal					\$2,449,131.00	\$1,488,325.00	60.77%	-\$960,806.00
Contract Total for Calculated Low Bidders Bid Items					\$2,449,131.00	\$1,488,325.00	60.77%	-\$960,806.00