

Colorado Department Of Transportation

Printed On: 05/04/2017

Low Bid Summary

Page 1 of 1

Letting Date: May 04, 2017

Call Order	Contract ID	Project(s)	# of Bids	Low Bidder	Estimated Cost	Corrected Bid	Percent of Estimate	Overrun (+) Underrun (-)
001	C20939	STAR400-348	2	PAONIA, INC dba PAONIA, LLC	\$1,312,015.00	\$1,280,180.50	97.57%	-\$31,834.50
Letting Totals			2		\$1,312,015.00	\$1,280,180.50	97.57%	-\$31,834.50

Colorado Department Of Transportation

Printed On: 05/04/2017

Vendor Ranking

Page 1 of 1

Letting No: 20170504  
 Letting Date: May 04, 2017  
 Letting Time: 10:00 AM

Contract ID: C20939  
 Region: 4  
 Contract Time: 80 WORKING DAYS

Project(s): STAR400-348  
 Counties: BOULDER, REGION 4, LARIMER, WELD

Contract Description:

This project consists of furnishing and installing: traffic signal controller cabinets, traffic signal controllers, and associated equipment across various locations in Region 4.

Rank	Vendor ID	Vendor Name	Total Bid	Percent Of Low Bid	Percent Of Estimate
1	1507A	PAONIA, INC dba PAONIA, LLC	\$1,280,180.50	100.00%	97.57%
2	720A	STURGEON ELECTRIC COMPANY, INC.	\$1,304,620.00	101.91%	99.44%
0	-EST-	Engineer's Estimate	\$1,312,015.00	102.49%	100.00%

Tabulation of Bids

Letting No: 20170504  
 Letting Date: May 04, 2017  
 Letting Time: 10:00 AM

Contract ID: C20939  
 Region: 4

Counties: BOULDER,  
 REGION 4,  
 LARIMER,  
 WELD

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1507A PAONIA, INC		(2) 720A STURGEON ELECTRIC COMPANY, INC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001 BID ITEMS				<b>LCC:</b>			
202-00210	Removal of Concrete Pavement	37.000 SY	40.00000	1,480.00	45.00000	1,665.00	35.00000	1,295.00
202-00220	Removal of Asphalt Mat	12.000 SY	65.00000	780.00	45.00000	540.00	40.00000	480.00
202-00827	Removal of Pull Box	6.000 EACH	200.00000	1,200.00	500.00000	3,000.00	80.00000	480.00
202-00848	Removal of Traffic Signal Controller and Cabinet	16.000 EACH	700.00000	11,200.00	2,500.00000	40,000.00	635.00000	10,160.00
202-05008	Sawing Concrete (8 Inch)	94.000 LF	10.00000	940.00	250.00000	23,500.00	26.00000	2,444.00
202-05030	Sawing Asphalt Material (10 Inch)	21.000 LF	10.00000	210.00	250.00000	5,250.00	38.00000	798.00
203-01597	Potholing	180.000 HOUR	200.00000	36,000.00	175.00000	31,500.00	235.00000	42,300.00
207-00205	Topsoil	4.000 CY	150.00000	600.00	125.00000	500.00	70.00000	280.00
207-00210	Stockpile Topsoil	109.000 CY	25.00000	2,725.00	150.00000	16,350.00	70.00000	7,630.00
208-00002	Erosion Log Type 1 (12 Inch)	540.000 LF	7.00000	3,780.00	8.00000	4,320.00	35.00000	18,900.00
208-00035	Aggregate Bag	204.000 LF	10.00000	2,040.00	6.00000	1,224.00	41.00000	8,364.00
208-00046	Pre-fabricated Concrete Washout Structure	5.000 EACH	700.00000	3,500.00	150.00000	750.00	410.00000	2,050.00
208-00103	Removal and Disposal of Sediment (Labor)	42.000 HOUR	40.00000	1,680.00	50.00000	2,100.00	60.00000	2,520.00

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			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001	BID ITEMS						
					<b>LCC:</b>			
208-00105	Removal and Disposal of Sediment (Equipment)	42.000 HOUR	85.00000	3,570.00	50.00000	2,100.00	80.00000	3,360.00
208-00106	Sweeping (Sediment Removal)	21.000 HOUR	150.00000	3,150.00	50.00000	1,050.00	180.00000	3,780.00
212-00006	Seeding (Native)	0.100 ACRE	7,500.00000	750.00	2,800.00000	280.00	8,400.00000	840.00
212-00032	Soil Conditioning	0.100 ACRE	10,000.00000	1,000.00	2,800.00000	280.00	8,400.00000	840.00
212-00050	Sod	282.000 SF	2.50000	705.00	1.00000	282.00	9.00000	2,538.00
213-00012	Spray-on Mulch Blanket	0.100 ACRE	12,000.00000	1,200.00	2,200.00000	220.00	5,700.00000	570.00
304-06007	Aggregate Base Course (Class 6)	6.000 CY	125.00000	750.00	225.00000	1,350.00	95.00000	570.00
403-00720	Hot Mix Asphalt (Patching) (Asphalt)	3.200 TON	400.00000	1,280.00	200.00000	640.00	410.00000	1,312.00
601-01000	Concrete Class B	3.000 CY	1,000.00000	3,000.00	250.00000	750.00	1,320.00000	3,960.00
601-06150	Concrete (Patching)	195.000 SF	185.00000	36,075.00	60.00000	11,700.00	105.00000	20,475.00
609-20010	Curb Type 2 (Section B)	92.000 LF	35.00000	3,220.00	35.00000	3,220.00	35.00000	3,220.00
609-21010	Curb and Gutter Type 2 (Section I-B)	11.000 LF	40.00000	440.00	30.00000	330.00	44.00000	484.00
610-00030	Median Cover Material (Concrete)	125.000 SF	25.00000	3,125.00	9.00000	1,125.00	21.00000	2,625.00
612-00041	Delineator (Flexible) (Type I)	3.000 EACH	50.00000	150.00	50.00000	150.00	110.00000	330.00

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			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001	BID ITEMS						
						<b>LCC:</b>		
613-00206	2 Inch Electrical Conduit (Bored)	820.000 LF	17.00000	13,940.00	30.00000	24,600.00	26.00000	21,320.00
613-00306	3 Inch Electrical Conduit (Bored)	105.000 LF	25.00000	2,625.00	50.00000	5,250.00	27.00000	2,835.00
613-01200	2 Inch Electrical Conduit (Plastic)	220.000 LF	15.00000	3,300.00	22.75000	5,005.00	26.00000	5,720.00
613-01300	3 Inch Electrical Conduit (Plastic)	110.000 LF	15.00000	1,650.00	45.45000	4,999.50	27.00000	2,970.00
613-07001	Type One Pull Box	5.000 EACH	800.00000	4,000.00	750.00000	3,750.00	645.00000	3,225.00
613-07004	Type Four Pull Box	8.000 EACH	1,100.00000	8,800.00	1,500.00000	12,000.00	1,665.00000	13,320.00
613-10000	Wiring	1.000 L S	40,000.00000	40,000.00	25,000.00000	25,000.00	31,585.00000	31,585.00
613-80130	Service Meter Cabinet	6.000 EACH	5,500.00000	33,000.00	6,500.00000	39,000.00	4,755.00000	28,530.00
614-72855	Traffic Signal Controller Cabinet	16.000 EACH	14,000.00000	224,000.00	15,000.00000	240,000.00	17,835.00000	285,360.00
614-86105	Telemetry (Field)	7.000 EACH	2,000.00000	14,000.00	2,000.00000	14,000.00	1,420.00000	9,940.00
614-86748	Controller (Type 2070)	75.000 EACH	4,500.00000	337,500.00	3,400.00000	255,000.00	4,285.00000	321,375.00
614-86800	Uninterrupted Power Supply	18.000 EACH	8,500.00000	153,000.00	8,500.00000	153,000.00	6,000.00000	108,000.00
614-87690	Ethernet Switch	7.000 EACH	3,500.00000	24,500.00	8,000.00000	56,000.00	4,425.00000	30,975.00
614-87704	Ethernet Radio (Single Client)	73.000 EACH	2,500.00000	182,500.00	3,000.00000	219,000.00	1,750.00000	127,750.00

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			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001 BID ITEMS				<b>LCC:</b>			
620-00020	Sanitary Facility	1.000 EACH	1,500.00000	1,500.00	300.00000	300.00	3,470.00000	3,470.00
626-00000	Mobilization	1.000 L S	65,000.00000	65,000.00	10,000.00000	10,000.00	30,250.00000	30,250.00
627-30210	Thermoplastic Pavement Marking (Xwalk- Stopline)	17.000 SF	30.00000	510.00	10.00000	170.00	90.00000	1,530.00
630-00000	Flagging	100.000 HOUR	30.00000	3,000.00	40.00000	4,000.00	31.00000	3,100.00
630-00003	Uniformed Traffic Control	300.000 HOUR	75.00000	22,500.00	40.00000	12,000.00	100.00000	30,000.00
630-00007	Traffic Control Inspection	80.000 DAY	150.00000	12,000.00	100.00000	8,000.00	325.00000	26,000.00
630-00012	Traffic Control Management	32.000 DAY	600.00000	19,200.00	1,000.00000	32,000.00	1,100.00000	35,200.00
630-80341	Construction Traffic Sign (Panel Size A)	18.000 EACH	50.00000	900.00	5.00000	90.00	110.00000	1,980.00
630-80342	Construction Traffic Sign (Panel Size B)	16.000 EACH	60.00000	960.00	5.00000	80.00	120.00000	1,920.00
630-80343	Construction Traffic Sign (Panel Size C)	8.000 EACH	75.00000	600.00	15.00000	120.00	140.00000	1,120.00
630-80355	Portable Message Sign Panel	4.000 EACH	3,500.00000	14,000.00	300.00000	1,200.00	7,700.00000	30,800.00
630-80358	Advance Warning Flashing or Sequencing Arrow Panel (C Type)	2.000 EACH	1,500.00000	3,000.00	500.00000	1,000.00	1,100.00000	2,200.00
630-80360	Drum Channelizing Device	20.000 EACH	50.00000	1,000.00	20.00000	400.00	55.00000	1,100.00

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			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b> 0001	BID ITEMS							
630-80380	Traffic Cone	40.000 EACH	12.00000	480.00	1.00000	40.00	11.00000	440.00
<b>Section Totals:</b>				\$1,312,015.00		\$1,280,180.50		\$1,304,620.00
<b>Contract Grand Totals</b>				<b>\$1,312,015.00</b>		<b>\$1,280,180.50</b>		<b>\$1,304,620.00</b>

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Low Bid Item Analysis

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 Contract Time: 80 WORKING DAYS

Counties: BOULDER,  
 REGION 4,  
 LARIMER,  
 STARBUCK,  
 WELD  
 Project(s): STAR400-348

Contract Description:

This project consists of furnishing and installing: traffic signal controller cabinets, traffic signal controllers, and associated equipment across various locations in Region 4.

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION:</b>	0001	BID ITEMS						
0005	202-00210 Removal of Concrete Pavement	37.000	40.00000	45.00000 SY	1,480.00	1,665.00	112.50%	185.00
0010	202-00220 Removal of Asphalt Mat	12.000	65.00000	45.00000 SY	780.00	540.00	69.23%	-240.00
0015	202-00827 Removal of Pull Box	6.000	200.00000	500.00000 EACH	1,200.00	3,000.00	250.00%	1,800.00
0020	202-00848 Removal of Traffic Signal Controller and Cabinet	16.000	700.00000	2,500.00000 EACH	11,200.00	40,000.00	357.14%	28,800.00
0025	202-05008 Sawing Concrete (8 Inch)	94.000	10.00000	250.00000 LF	940.00	23,500.00	2500.00%	22,560.00
0030	202-05030 Sawing Asphalt Material (10 Inch)	21.000	10.00000	250.00000 LF	210.00	5,250.00	2500.00%	5,040.00
0035	203-01597 Potholing	180.000	200.00000	175.00000 HOUR	36,000.00	31,500.00	87.50%	-4,500.00
0040	207-00205 Topsoil	4.000	150.00000	125.00000 CY	600.00	500.00	83.33%	-100.00



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Low Bid Item Analysis

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Letting No: 20170504  
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Counties: BOULDER,  
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 Project(s): STAR400-348

Contract Description:

This project consists of furnishing and installing: traffic signal controller cabinets, traffic signal controllers, and associated equipment across various locations in Region 4.

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION:</b>	0001	BID ITEMS						
0045	207-00210 Stockpile Topsoil	109.000	25.00000	150.00000 CY	2,725.00	16,350.00	600.00%	13,625.00
0050	208-00002 Erosion Log Type 1 (12 Inch)	540.000	7.00000	8.00000 LF	3,780.00	4,320.00	114.29%	540.00
0055	208-00035 Aggregate Bag	204.000	10.00000	6.00000 LF	2,040.00	1,224.00	60.00%	-816.00
0060	208-00046 Pre-fabricated Concrete Washout Structure	5.000	700.00000	150.00000 EACH	3,500.00	750.00	21.43%	-2,750.00
0065	208-00103 Removal and Disposal of Sediment (Labor)	42.000	40.00000	50.00000 HOUR	1,680.00	2,100.00	125.00%	420.00
0070	208-00105 Removal and Disposal of Sediment (Equipment)	42.000	85.00000	50.00000 HOUR	3,570.00	2,100.00	58.82%	-1,470.00
0075	208-00106 Sweeping (Sediment Removal)	21.000	150.00000	50.00000 HOUR	3,150.00	1,050.00	33.33%	-2,100.00
0080	212-00006 Seeding (Native)	0.100	7,500.00000	2,800.00000 ACRE	750.00	280.00	37.33%	-470.00

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Counties: BOULDER,  
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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						
0085	212-00032 Soil Conditioning	0.100	10,000.00000	2,800.00000 ACRE	1,000.00	280.00	28.00%	-720.00
0090	212-00050 Sod	282.000	2.50000	1.00000 SF	705.00	282.00	40.00%	-423.00
0095	213-00012 Spray-on Mulch Blanket	0.100	12,000.00000	2,200.00000 ACRE	1,200.00	220.00	18.33%	-980.00
0100	304-06007 Aggregate Base Course (Class 6)	6.000	125.00000	225.00000 CY	750.00	1,350.00	180.00%	600.00
0105	403-00720 Hot Mix Asphalt (Patching) (Asphalt)	3.200	400.00000	200.00000 TON	1,280.00	640.00	50.00%	-640.00
0110	601-01000 Concrete Class B	3.000	1,000.00000	250.00000 CY	3,000.00	750.00	25.00%	-2,250.00
0115	601-06150 Concrete (Patching)	195.000	185.00000	60.00000 SF	36,075.00	11,700.00	32.43%	-24,375.00
0120	609-20010 Curb Type 2 (Section B)	92.000	35.00000	35.00000 LF	3,220.00	3,220.00	100.00%	0.00

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Counties: BOULDER,  
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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	609-21010 Curb and Gutter Type 2 (Section I-B)	11.000	40.00000	30.00000 LF	440.00	330.00	75.00%	-110.00
0130	610-00030 Median Cover Material (Concrete)	125.000	25.00000	9.00000 SF	3,125.00	1,125.00	36.00%	-2,000.00
0135	612-00041 Delineator (Flexible) (Type I)	3.000	50.00000	50.00000 EACH	150.00	150.00	100.00%	0.00
0140	613-00206 2 Inch Electrical Conduit (Bored)	820.000	17.00000	30.00000 LF	13,940.00	24,600.00	176.47%	10,660.00
0145	613-00306 3 Inch Electrical Conduit (Bored)	105.000	25.00000	50.00000 LF	2,625.00	5,250.00	200.00%	2,625.00
0150	613-01200 2 Inch Electrical Conduit (Plastic)	220.000	15.00000	22.75000 LF	3,300.00	5,005.00	151.67%	1,705.00
0155	613-01300 3 Inch Electrical Conduit (Plastic)	110.000	15.00000	45.45000 LF	1,650.00	4,999.50	303.00%	3,349.50
0160	613-07001 Type One Pull Box	5.000	800.00000	750.00000 EACH	4,000.00	3,750.00	93.75%	-250.00

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<b>SECTION:</b>	0001	BID ITEMS						
0165	613-07004 Type Four Pull Box	8.000	1,100.00000	1,500.00000 EACH	8,800.00	12,000.00	136.36%	3,200.00
0170	613-10000 Wiring	1.000	40,000.00000	25,000.00000 L S	40,000.00	25,000.00	62.50%	-15,000.00
0175	613-80130 Service Meter Cabinet	6.000	5,500.00000	6,500.00000 EACH	33,000.00	39,000.00	118.18%	6,000.00
0180	614-72855 Traffic Signal Controller Cabinet	16.000	14,000.00000	15,000.00000 EACH	224,000.00	240,000.00	107.14%	16,000.00
0185	614-86105 Telemetry (Field)	7.000	2,000.00000	2,000.00000 EACH	14,000.00	14,000.00	100.00%	0.00
0190	614-86748 Controller (Type 2070)	75.000	4,500.00000	3,400.00000 EACH	337,500.00	255,000.00	75.56%	-82,500.00
0195	614-86800 Uninterrupted Power Supply	18.000	8,500.00000	8,500.00000 EACH	153,000.00	153,000.00	100.00%	0.00
0200	614-87690 Ethernet Switch	7.000	3,500.00000	8,000.00000 EACH	24,500.00	56,000.00	228.57%	31,500.00

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<b>SECTION:</b>	0001	BID ITEMS						
0205	614-87704 Ethernet Radio (Single Client)	73.000	2,500.00000	3,000.00000 EACH	182,500.00	219,000.00	120.00%	36,500.00
0210	620-00020 Sanitary Facility	1.000	1,500.00000	300.00000 EACH	1,500.00	300.00	20.00%	-1,200.00
0215	626-00000 Mobilization	1.000	65,000.00000	10,000.00000 L S	65,000.00	10,000.00	15.38%	-55,000.00
0220	627-30210 Thermoplastic Pavement Marking (Xwalk- Stopline)	17.000	30.00000	10.00000 SF	510.00	170.00	33.33%	-340.00
0225	630-00000 Flagging	100.000	30.00000	40.00000 HOUR	3,000.00	4,000.00	133.33%	1,000.00
0230	630-00003 Uniformed Traffic Control	300.000	75.00000	40.00000 HOUR	22,500.00	12,000.00	53.33%	-10,500.00
0235	630-00007 Traffic Control Inspection	80.000	150.00000	100.00000 DAY	12,000.00	8,000.00	66.67%	-4,000.00
0240	630-00012 Traffic Control Management	32.000	600.00000	1,000.00000 DAY	19,200.00	32,000.00	166.67%	12,800.00

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 REGION 4,  
 LARIMER  
 Project(s): STAR 400-348  
 WELD

Contract Description:

This project consists of furnishing and installing: traffic signal controller cabinets, traffic signal controllers, and associated equipment across various locations in Region 4.

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) / Underrun (-)
<b>SECTION:</b>	0001	BID ITEMS						
0245	630-80341 Construction Traffic Sign (Panel Size A)	18.000	50.00000	5.00000 EACH	900.00	90.00	10.00%	-810.00
0250	630-80342 Construction Traffic Sign (Panel Size B)	16.000	60.00000	5.00000 EACH	960.00	80.00	8.33%	-880.00
0255	630-80343 Construction Traffic Sign (Panel Size C)	8.000	75.00000	15.00000 EACH	600.00	120.00	20.00%	-480.00
0260	630-80355 Portable Message Sign Panel	4.000	3,500.00000	300.00000 EACH	14,000.00	1,200.00	8.57%	-12,800.00
0265	630-80358 Advance Warning Flashing or Sequencing Arrow Panel (C Type)	2.000	1,500.00000	500.00000 EACH	3,000.00	1,000.00	33.33%	-2,000.00
0270	630-80360 Drum Channelizing Device	20.000	50.00000	20.00000 EACH	1,000.00	400.00	40.00%	-600.00
0275	630-80380 Traffic Cone	40.000	12.00000	1.00000 EACH	480.00	40.00	8.33%	-440.00
<b>Section 0001 Subtotal</b>					\$1,312,015.00	\$1,280,180.50	97.57%	-\$31,834.50

Colorado Department Of Transportation

Printed On: 05/04/2017

Low Bid Item Analysis

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Letting No: 20170504  
Letting Date: May 04, 2017  
Letting Time: 10:00 AM

Contract ID: C20939  
Region: 4  
Contract Time: 80 WORKING DAYS

Counties: BOULDER,  
REGION 4,  
LARIMER,  
Project(s): STAR400-348  
WELD

Contract Description:

This project consists of furnishing and installing: traffic signal controller cabinets, traffic signal controllers, and associated equipment across various locations in Region 4.

**Contract Total for Calculated Low Bidders Bid Items**

**\$1,312,015.00**

**\$1,280,180.50**

**97.57%**

**-\$31,834.50**