

Colorado Department Of Transportation

Printed On: 12/14/2016

Low Bid Summary

Page 1 of 1

Letting Date: November 03, 2016

Call Order	Contract ID	Project(s)	# of Bids	Low Bidder	Estimated Cost	Corrected Bid	Percent of Estimate	Overrun (+) Underrun (-)
001	C20182	SHE R100-220	3	PAONIA, INC dba PAONIA, LLC	\$714,225.00	\$849,155.00	118.89%	\$134,930.00
Letting Totals			3		\$714,225.00	\$849,155.00	118.89%	\$134,930.00

Colorado Department Of Transportation

Printed On: 12/14/2016

Vendor Ranking

Page 1 of 1

Letting No: 20161103
 Letting Date: November 03, 2016
 Letting Time: 10:00 AM

Contract ID: C20182
 Region: 1
 Contract Time: 100 WORKING DAYS

Project(s): SHE R100-220
 Counties: ADAMS, ARAPAHOE,
 JEFFERSON

Contract Description:

THE PROJECT WILL UPGRADE SIGNAL CONTROLLERS FOR IDENTIFIED CORRIDORS, IN ADDITION TO FIBER WORK TO UPGRADE COMMUNICATION FORMAT ALONG WITH NEW SIGNAL CABINET SWITCHES.

Rank	Vendor ID	Vendor Name	Total Bid	Percent Of Low Bid	Percent Of Estimate
0	-EST-	Engineer's Estimate	\$714,225.00	84.11%	100.00%
1	1507A	PAONIA, INC dba PAONIA, LLC	\$849,155.00	100.00%	118.89%
2	720A	STURGEON ELECTRIC COMPANY, INC.	\$903,193.00	106.36%	126.46%
3	697A	W.L. CONTRACTORS, INC.	\$1,039,897.00	122.46%	145.60%

Tabulation of Bids

Letting No: 20161103
 Letting Date: November 03, 2016
 Letting Time: 10:00 AM

Contract ID: C20182
 Region: 1

Counties: ADAMS,
 ARAPAHOE,
 JEFFERSON

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
SECTION:	0001 BID ITEMS							
						LCC:		
202-00827	Removal of Pull Box	1.000 EACH	175.00000	175.00	500.00000	500.00	245.00000	245.00
202-00845	Removal of Traffic Signal Controller	22.000 EACH	200.00000	4,400.00	300.00000	6,600.00	325.00000	7,150.00
202-00855	Removal of Traffic Signal Controller Cabinet	11.000 EACH	300.00000	3,300.00	1,000.00000	11,000.00	2,750.00000	30,250.00
203-01597	Potholing	8.000 HOUR	210.00000	1,680.00	200.00000	1,600.00	375.00000	3,000.00
208-00035	Aggregate Bag	100.000 LF	10.00000	1,000.00	8.00000	800.00	40.00000	4,000.00
208-00046	Pre-fabricated Concrete Washout Structure	1.000 EACH	2,500.00000	2,500.00	500.00000	500.00	500.00000	500.00
208-00051	Storm Drain Inlet Protection (Type I)	100.000 LF	12.00000	1,200.00	6.25000	625.00	70.00000	7,000.00
208-00052	Storm Drain Inlet Protection (Type II)	100.000 LF	65.00000	6,500.00	6.25000	625.00	85.00000	8,500.00
208-00103	Removal and Disposal of Sediment (Labor)	40.000 HOUR	50.00000	2,000.00	25.00000	1,000.00	70.00000	2,800.00
208-00105	Removal and Disposal of Sediment (Equipment)	40.000 HOUR	110.00000	4,400.00	25.00000	1,000.00	160.00000	6,400.00
208-00106	Sweeping (Sediment Removal)	60.000 HOUR	155.00000	9,300.00	25.00000	1,500.00	145.00000	8,700.00
613-01200	2 Inch Electrical Conduit (Plastic)	160.000 LF	15.00000	2,400.00	45.00000	7,200.00	18.00000	2,880.00
613-01300	3 Inch Electrical Conduit (Plastic)	160.000 LF	20.00000	3,200.00	55.00000	8,800.00	19.00000	3,040.00
613-07023	Pull Box (24"x36"x24")	1.000 EACH	1,300.00000	1,300.00	1,500.00000	1,500.00	1,950.00000	1,950.00

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 JEFFERSON

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
SECTION:	0001 BID ITEMS							
						LCC:		
614-70024	1310nm SFP Optic Module	76.000 EACH	200.00000	15,200.00	250.00000	19,000.00	455.00000	34,580.00
614-70028	CWDM SFP Optic Module	10.000 EACH	1,700.00000	17,000.00	800.00000	8,000.00	2,525.00000	25,250.00
614-70030	Optical Attenuator	86.000 EACH	200.00000	17,200.00	50.00000	4,300.00	110.00000	9,460.00
614-72836	Conflict Monitor	33.000 EACH	1,500.00000	49,500.00	1,000.00000	33,000.00	810.00000	26,730.00
614-72855	Traffic Signal Controller Cabinet	11.000 EACH	10,000.00000	110,000.00	10,500.00000	115,500.00	11,960.00000	131,560.00
614-75840	Traffic Signal Controller (Install Only)	33.000 EACH	900.00000	29,700.00	2,500.00000	82,500.00	320.00000	10,560.00
614-86800	Uninterrupted Power Supply	13.000 EACH	13,000.00000	169,000.00	8,750.00000	113,750.00	8,290.00000	107,770.00
614-87010	Fiber Optic Cable (Single Mode) (12 Fiber)	410.000 LF	4.00000	1,640.00	8.50000	3,485.00	10.50000	4,305.00
614-87012	Fiber Optic Termination Panel (12 Fiber)	9.000 EACH	350.00000	3,150.00	2,500.00000	22,500.00	1,390.00000	12,510.00
614-87015	Buffer Tube Fan Out Kit	9.000 EACH	300.00000	2,700.00	250.00000	2,250.00	5,555.00000	49,995.00
614-87350	Test Fiber Optic Cable	1.000 L S	8,000.00000	8,000.00	150,000.00000	150,000.00	12,225.00000	12,225.00
614-87690	Ethernet Switch	31.000 EACH	3,200.00000	99,200.00	4,200.00000	130,200.00	4,360.00000	135,160.00
614-87700	Ethernet Router	5.000 EACH	16,000.00000	80,000.00	9,000.00000	45,000.00	28,820.00000	144,100.00
620-00020	Sanitary Facility	1.000 EACH	2,000.00000	2,000.00	500.00000	500.00	1,685.00000	1,685.00

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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
SECTION:	0001 BID ITEMS							
						LCC:		
626-00000	Mobilization	1.000 L S	14,000.00000	14,000.00	20,000.00000	20,000.00	45,000.00000	45,000.00
630-00003	Uniformed Traffic Control	44.000 HOUR	80.00000	3,520.00	175.00000	7,700.00	100.00000	4,400.00
630-00006	Uniformed Traffic Control (Vehicle)	44.000 HOUR	15.00000	660.00	175.00000	7,700.00	27.00000	1,188.00
630-00007	Traffic Control Inspection	2.000 DAY	120.00000	240.00	500.00000	1,000.00	345.00000	690.00
630-00012	Traffic Control Management	60.000 DAY	750.00000	45,000.00	650.00000	39,000.00	965.00000	57,900.00
630-80341	Construction Traffic Sign (Panel Size A)	32.000 EACH	60.00000	1,920.00	10.00000	320.00	30.00000	960.00
630-80342	Construction Traffic Sign (Panel Size B)	16.000 EACH	65.00000	1,040.00	10.00000	160.00	40.00000	640.00
630-80380	Traffic Cone	20.000 EACH	10.00000	200.00	2.00000	40.00	5.50000	110.00
Section Totals:				\$714,225.00		\$849,155.00		\$903,193.00
Contract Grand Totals				\$714,225.00		\$849,155.00		\$903,193.00

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Item Code	Description	Quantity	(3) 697A W.L. CONTRACTORS, INC.					
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS						
								LCC:
202-00827	Removal of Pull Box	1.000 EACH	160.00000	160.00				
202-00845	Removal of Traffic Signal Controller	22.000 EACH	65.00000	1,430.00				
202-00855	Removal of Traffic Signal Controller Cabinet	11.000 EACH	375.00000	4,125.00				
203-01597	Potholing	8.000 HOUR	165.00000	1,320.00				
208-00035	Aggregate Bag	100.000 LF	18.00000	1,800.00				
208-00046	Pre-fabricated Concrete Washout Structure	1.000 EACH	2,080.00000	2,080.00				
208-00051	Storm Drain Inlet Protection (Type I)	100.000 LF	20.00000	2,000.00				
208-00052	Storm Drain Inlet Protection (Type II)	100.000 LF	55.00000	5,500.00				
208-00103	Removal and Disposal of Sediment (Labor)	40.000 HOUR	32.00000	1,280.00				
208-00105	Removal and Disposal of Sediment (Equipment)	40.000 HOUR	70.00000	2,800.00				
208-00106	Sweeping (Sediment Removal)	60.000 HOUR	170.00000	10,200.00				
613-01200	2 Inch Electrical Conduit (Plastic)	160.000 LF	14.25000	2,280.00				
613-01300	3 Inch Electrical Conduit (Plastic)	160.000 LF	12.00000	1,920.00				
613-07023	Pull Box (24"x36"x24")	1.000 EACH	930.00000	930.00				

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				(3) 697A W.L. CONTRACTORS, INC.					
Item Code	Description	Quantity		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS					LCC:		
614-70024	1310nm SFP Optic Module	76.000 EACH		485.00000	36,860.00				
614-70028	CWDM SFP Optic Module	10.000 EACH		2,898.00000	28,980.00				
614-70030	Optical Attenuator	86.000 EACH		83.00000	7,138.00				
614-72836	Conflict Monitor	33.000 EACH		1,075.00000	35,475.00				
614-72855	Traffic Signal Controller Cabinet	11.000 EACH		11,225.00000	123,475.00				
614-75840	Traffic Signal Controller (Install Only)	33.000 EACH		2,585.00000	85,305.00				
614-86800	Uninterrupted Power Supply	13.000 EACH		9,313.00000	121,069.00				
614-87010	Fiber Optic Cable (Single Mode) (12 Fiber)	410.000 LF		10.00000	4,100.00				
614-87012	Fiber Optic Termination Panel (12 Fiber)	9.000 EACH		1,434.00000	12,906.00				
614-87015	Buffer Tube Fan Out Kit	9.000 EACH		6,297.00000	56,673.00				
614-87350	Test Fiber Optic Cable	1.000 L S		12,778.00000	12,778.00				
614-87690	Ethernet Switch	31.000 EACH		4,898.00000	151,838.00				
614-87700	Ethernet Router	5.000 EACH		42,000.00000	210,000.00				
620-00020	Sanitary Facility	1.000 EACH		195.00000	195.00				

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				(3) 697A W.L. CONTRACTORS, INC.					
Item Code	Description	Quantity		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS					LCC:		
626-00000	Mobilization	1.000	L S	47,000.00000	47,000.00				
630-00003	Uniformed Traffic Control	44.000	HOUR	125.00000	5,500.00				
630-00006	Uniformed Traffic Control (Vehicle)	44.000	HOUR	40.00000	1,760.00				
630-00007	Traffic Control Inspection	2.000	DAY	260.00000	520.00				
630-00012	Traffic Control Management	60.000	DAY	900.00000	54,000.00				
630-80341	Construction Traffic Sign (Panel Size A)	32.000	EACH	65.00000	2,080.00				
630-80342	Construction Traffic Sign (Panel Size B)	16.000	EACH	260.00000	4,160.00				
630-80380	Traffic Cone	20.000	EACH	13.00000	260.00				
Section Totals:					\$1,039,897.00				
Contract Grand Totals					\$1,039,897.00				

Colorado Department Of Transportation

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Low Bid Item Analysis

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Letting No: 20161103
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Contract ID: C20182
 Region: 1
 Contract Time: 100 WORKING DAYS

Counties: ADAMS,
 ARAPAHOE,
 JEFFERSON
 Project(s): SHE R100-220

Contract Description:

THE PROJECT WILL UPGRADE SIGNAL CONTROLLERS FOR IDENTIFIED CORRIDORS, IN ADDITION TO FIBER WORK TO UPGRADE COMMUNICATION FORMAT ALONG WITH NEW SIGNAL CABINET SWITCHES.

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) / Underrun (-)
SECTION:	0001	BID ITEMS						
0005	202-00827 Removal of Pull Box	1.000	175.00000	500.00000 EACH	175.00	500.00	285.71%	325.00
0010	202-00845 Removal of Traffic Signal Controller	22.000	200.00000	300.00000 EACH	4,400.00	6,600.00	150.00%	2,200.00
0015	202-00855 Removal of Traffic Signal Controller Cabinet	11.000	300.00000	1,000.00000 EACH	3,300.00	11,000.00	333.33%	7,700.00
0020	203-01597 Potholing	8.000	210.00000	200.00000 HOUR	1,680.00	1,600.00	95.24%	-80.00
0025	208-00035 Aggregate Bag	100.000	10.00000	8.00000 LF	1,000.00	800.00	80.00%	-200.00
0030	208-00046 Pre-fabricated Concrete Washout Structure	1.000	2,500.00000	500.00000 EACH	2,500.00	500.00	20.00%	-2,000.00
0035	208-00051 Storm Drain Inlet Protection (Type I)	100.000	12.00000	6.25000 LF	1,200.00	625.00	52.08%	-575.00
0040	208-00052 Storm Drain Inlet Protection (Type II)	100.000	65.00000	6.25000 LF	6,500.00	625.00	9.62%	-5,875.00

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Low Bid Item Analysis

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Letting No: 20161103
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Contract ID: C20182
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Counties: ADAMS,
 ARAPAHOE,
 JEFFERSON
 Project(s): SHE R100-220

Contract Description:

THE PROJECT WILL UPGRADE SIGNAL CONTROLLERS FOR IDENTIFIED CORRIDORS, IN ADDITION TO FIBER WORK TO UPGRADE COMMUNICATION FORMAT ALONG WITH NEW SIGNAL CABINET SWITCHES.

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0045	208-00103 Removal and Disposal of Sediment (Labor)	40.000	50.00000	25.00000 HOUR	2,000.00	1,000.00	50.00%	-1,000.00
0050	208-00105 Removal and Disposal of Sediment (Equipment)	40.000	110.00000	25.00000 HOUR	4,400.00	1,000.00	22.73%	-3,400.00
0055	208-00106 Sweeping (Sediment Removal)	60.000	155.00000	25.00000 HOUR	9,300.00	1,500.00	16.13%	-7,800.00
0060	613-01200 2 Inch Electrical Conduit (Plastic)	160.000	15.00000	45.00000 LF	2,400.00	7,200.00	300.00%	4,800.00
0065	613-01300 3 Inch Electrical Conduit (Plastic)	160.000	20.00000	55.00000 LF	3,200.00	8,800.00	275.00%	5,600.00
0070	613-07023 Pull Box (24"x36"x24")	1.000	1,300.00000	1,500.00000 EACH	1,300.00	1,500.00	115.38%	200.00
0075	614-70024 1310nm SFP Optic Module	76.000	200.00000	250.00000 EACH	15,200.00	19,000.00	125.00%	3,800.00
0080	614-70028 CWDM SFP Optic Module	10.000	1,700.00000	800.00000 EACH	17,000.00	8,000.00	47.06%	-9,000.00

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Low Bid Item Analysis

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Letting No: 20161103
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Counties: ADAMS,
 ARAPAHOE,
 JEFFERSON
 Project(s): SHE R100-220

Contract Description:

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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						
0085	614-70030 Optical Attenuator	86.000	200.00000	50.00000 EACH	17,200.00	4,300.00	25.00%	-12,900.00
0090	614-72836 Conflict Monitor	33.000	1,500.00000	1,000.00000 EACH	49,500.00	33,000.00	66.67%	-16,500.00
0095	614-72855 Traffic Signal Controller Cabinet	11.000	10,000.00000	10,500.00000 EACH	110,000.00	115,500.00	105.00%	5,500.00
0100	614-75840 Traffic Signal Controller (Install Only)	33.000	900.00000	2,500.00000 EACH	29,700.00	82,500.00	277.78%	52,800.00
0105	614-86800 Uninterrupted Power Supply	13.000	13,000.00000	8,750.00000 EACH	169,000.00	113,750.00	67.31%	-55,250.00
0110	614-87010 Fiber Optic Cable (Single Mode) (12 Fiber)	410.000	4.00000	8.50000 LF	1,640.00	3,485.00	212.50%	1,845.00
0115	614-87012 Fiber Optic Termination Panel (12 Fiber)	9.000	350.00000	2,500.00000 EACH	3,150.00	22,500.00	714.29%	19,350.00
0120	614-87015 Buffer Tube Fan Out Kit	9.000	300.00000	250.00000 EACH	2,700.00	2,250.00	83.33%	-450.00

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THE PROJECT WILL UPGRADE SIGNAL CONTROLLERS FOR IDENTIFIED CORRIDORS, IN ADDITION TO FIBER WORK TO UPGRADE COMMUNICATION FORMAT ALONG WITH NEW SIGNAL CABINET SWITCHES.

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0125	614-87350 Test Fiber Optic Cable	1.000	8,000.00000	150,000.00000 L S	8,000.00	150,000.00	1875.00%	142,000.00
0130	614-87690 Ethernet Switch	31.000	3,200.00000	4,200.00000 EACH	99,200.00	130,200.00	131.25%	31,000.00
0135	614-87700 Ethernet Router	5.000	16,000.00000	9,000.00000 EACH	80,000.00	45,000.00	56.25%	-35,000.00
0140	620-00020 Sanitary Facility	1.000	2,000.00000	500.00000 EACH	2,000.00	500.00	25.00%	-1,500.00
0145	626-00000 Mobilization	1.000	14,000.00000	20,000.00000 L S	14,000.00	20,000.00	142.86%	6,000.00
0150	630-00003 Uniformed Traffic Control	44.000	80.00000	175.00000 HOUR	3,520.00	7,700.00	218.75%	4,180.00
0155	630-00006 Uniformed Traffic Control (Vehicle)	44.000	15.00000	175.00000 HOUR	660.00	7,700.00	1166.67%	7,040.00
0160	630-00007 Traffic Control Inspection	2.000	120.00000	500.00000 DAY	240.00	1,000.00	416.67%	760.00

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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						
0165	630-00012 Traffic Control Management	60.000	750.00000	650.00000 DAY	45,000.00	39,000.00	86.67%	-6,000.00
0170	630-80341 Construction Traffic Sign (Panel Size A)	32.000	60.00000	10.00000 EACH	1,920.00	320.00	16.67%	-1,600.00
0175	630-80342 Construction Traffic Sign (Panel Size B)	16.000	65.00000	10.00000 EACH	1,040.00	160.00	15.38%	-880.00
0180	630-80380 Traffic Cone	20.000	10.00000	2.00000 EACH	200.00	40.00	20.00%	-160.00
Section 0001 Subtotal					\$714,225.00	\$849,155.00	118.89%	\$134,930.00
Contract Total for Calculated Low Bidders Bid Items					\$714,225.00	\$849,155.00	118.89%	\$134,930.00