

Colorado Department Of Transportation

Printed On: 11/07/2019

Low Bid Summary

Page 1 of 1

Letting Date: October 31, 2019

Call Order	Contract ID	Project(s)	# of Bids	Low Bidder	Estimated Cost	Corrected Bid	Percent of Estimate	Overrun (+) Underrun (-)
004	C22841	CR100-321	4	INTERFACE COMMUNICATIONS COMPANY	\$2,894,595.00	\$2,356,053.00	81.39%	-\$538,542.00
Letting Totals			4		\$2,894,595.00	\$2,356,053.00	81.39%	-\$538,542.00

Vendor Ranking

Contract ID: C22841

Contract Description:

Replacement of traffic signal cabinets, traffic signal controllers, and installation of advanced detection at various locations in Region 1.

A Mandatory Pre-bid Conference will be held on Friday, October 18, 2019 beginning at 9:00 AM at CDOT Headquarters, 2829 W. Howard Place, Denver, CO 80204

Rank	Vendor ID	Vendor Name	Total Bid	Percent Of Low Bid	Percent Of Estimate
1	1231A	INTERFACE COMMUNICATIONS COMPANY	\$2,356,053.00	100.00%	81.39%
2	697A	W.L. CONTRACTORS, INC.	\$2,685,221.50	113.97%	92.77%
3	1507A	PAONIA, INC dba PAONIA, LLC	\$2,824,529.10	119.88%	97.58%
0	-EST-	Engineer's Estimate	\$2,894,595.00	122.86%	100.00%
4	720A	STURGEON ELECTRIC COMPANY, INC.	\$3,300,000.00	140.06%	114.01%

Tabulation of Bids

Contract ID: C22841

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1231A INTERFACE COMMUNICATIONS		(2) 697A W.L. CONTRACTORS, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items					LCC:		
202-00720	Removal of Closed Circuit Camera	2.000 EACH	1,000.00000	2,000.00	193.00000	386.00	140.00000	280.00
202-00827	Removal of Pull Box	4.000 EACH	500.00000	2,000.00	386.00000	1,544.00	175.00000	700.00
202-00855	Removal of Traffic Signal Controller Cabinet	21.000 EACH	1,500.00000	31,500.00	1,280.00000	26,880.00	1,475.00000	30,975.00
203-01597	Potholing	200.000 HOUR	230.00000	46,000.00	228.00000	45,600.00	270.00000	54,000.00
208-00002	Erosion Log Type 1 (12 Inch)	50.000 LF	6.00000	300.00	9.00000	450.00	7.50000	375.00
208-00035	Aggregate Bag	100.000 LF	12.00000	1,200.00	6.00000	600.00	11.00000	1,100.00
208-00046	Pre-fabricated Concrete Washout Structure (Type 1)	5.000 EACH	2,500.00000	12,500.00	249.00000	1,245.00	400.00000	2,000.00
208-00051	Storm Drain Inlet Protection (Type I)	100.000 LF	12.00000	1,200.00	6.00000	600.00	18.00000	1,800.00
208-00052	Storm Drain Inlet Protection (Type II)	100.000 LF	45.00000	4,500.00	20.00000	2,000.00	29.00000	2,900.00
208-00103	Removal and Disposal of Sediment (Labor)	5.000 HOUR	70.00000	350.00	41.00000	205.00	45.00000	225.00
208-00105	Removal and Disposal of Sediment (Equipment)	3.000 HOUR	120.00000	360.00	74.00000	222.00	100.00000	300.00
208-00106	Sweeping (Sediment Removal)	50.000 HOUR	150.00000	7,500.00	75.00000	3,750.00	100.00000	5,000.00
208-00107	Removal of Trash	3.000 HOUR	125.00000	375.00	32.00000	96.00	80.00000	240.00
212-00006	Seeding (Native)	0.150 ACRE	1,500.00000	225.00	8,340.00000	1,251.00	6,900.00000	1,035.00
212-00032	Soil Conditioning	0.150 ACRE	3,500.00000	525.00	7,228.00000	1,084.20	13,200.00000	1,980.00

Tabulation of Bids

Contract ID: C22841

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1231A INTERFACE COMMUNICATIONS COMPANY		(2) 697A W.L. CONTRACTORS, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items				LCC:			
216-00211	Soil Retention Blanket (Excelsior) (Biodegradable Class 1)	725.000 SY	17.00000	12,325.00	4.00000	2,900.00	16.00000	11,600.00
607-11525	Fence (Plastic)	300.000 LF	5.00000	1,500.00	4.00000	1,200.00	6.50000	1,950.00
613-00206	2 Inch Electrical Conduit (Bored)	490.000 LF	25.00000	12,250.00	30.00000	14,700.00	23.00000	11,270.00
613-01200	2 Inch Electrical Conduit (Plastic)	1,275.000 LF	15.00000	19,125.00	16.00000	20,400.00	18.50000	23,587.50
613-01300	3 Inch Electrical Conduit (Plastic)	260.000 LF	20.00000	5,200.00	24.00000	6,240.00	22.00000	5,720.00
613-07011	Pull Box (11"x18"x12")	3.000 EACH	900.00000	2,700.00	819.00000	2,457.00	875.00000	2,625.00
613-07023	Pull Box (24"x36"x24")	16.000 EACH	2,000.00000	32,000.00	1,635.00000	26,160.00	2,145.00000	34,320.00
613-07040	Pull Box (30"x48"x24")	4.000 EACH	2,500.00000	10,000.00	2,114.00000	8,456.00	3,080.00000	12,320.00
613-10000	Wiring	1.000 L S	40,000.00000	40,000.00	35,861.00000	35,861.00	32,855.00000	32,855.00
613-80130	Service Meter Cabinet	17.000 EACH	6,000.00000	102,000.00	4,217.00000	71,689.00	4,275.00000	72,675.00
614-70024	1310nm SFP Optic Module	82.000 EACH	375.00000	30,750.00	135.00000	11,070.00	330.00000	27,060.00
614-70028	CWDM SFP Optic Module	16.000 EACH	1,200.00000	19,200.00	590.00000	9,440.00	1,160.00000	18,560.00
614-70030	Optical Attenuator	98.000 EACH	100.00000	9,800.00	40.00000	3,920.00	90.00000	8,820.00
614-70448	Traffic Signal Face (12-12-12-12)	4.000 EACH	1,000.00000	4,000.00	801.00000	3,204.00	945.00000	3,780.00
614-72836	Conflict Monitor	39.000 EACH	1,000.00000	39,000.00	730.00000	28,470.00	750.00000	29,250.00

Tabulation of Bids

Contract ID: C22841

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1231A INTERFACE COMMUNICATIONS COMPANY		(2) 697A W.L. CONTRACTORS, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items				LCC:			
614-72855	Traffic Signal Controller Cabinet	21.000 EACH	15,000.00000	315,000.00	13,792.00000	289,632.00	12,420.00000	260,820.00
614-72884	Traffic Signal Vehicle Detector (Micro Wave Type)	98.000 EACH	9,000.00000	882,000.00	8,550.00000	837,900.00	10,025.00000	982,450.00
614-86248	Traffic Signal Controller (Type 2070LC)	39.000 EACH	5,500.00000	214,500.00	5,104.00000	199,056.00	5,870.00000	228,930.00
614-86800	Uninterrupted Power Supply	21.000 EACH	10,000.00000	210,000.00	6,239.00000	131,019.00	5,150.00000	108,150.00
614-87011	Fiber Optic Cable (Single Mode) (24 Fiber)	570.000 LF	7.00000	3,990.00	2.00000	1,140.00	18.00000	10,260.00
614-87012	Fiber Optic Termination Panel (12 Fiber)	21.000 EACH	1,000.00000	21,000.00	684.00000	14,364.00	800.00000	16,800.00
614-87015	Buffer Tube Fan Out Kit	23.000 EACH	300.00000	6,900.00	44.00000	1,012.00	200.00000	4,600.00
614-87320	Closed Circuit Television	29.000 EACH	5,000.00000	145,000.00	3,497.00000	101,413.00	4,160.00000	120,640.00
614-87350	Test Fiber Optic Cable	1.000 L S	20,000.00000	20,000.00	22,518.00000	22,518.00	21,135.00000	21,135.00
614-87501	Splice Fiber Optic Cable (1 Strand)	306.000 EACH	120.00000	36,720.00	135.00000	41,310.00	65.00000	19,890.00
614-87692	Ethernet Switch Type II	37.000 EACH	3,500.00000	129,500.00	3,188.00000	117,956.00	4,120.00000	152,440.00
614-87697	Ethernet Aggregation Switch Type I	4.000 EACH	7,000.00000	28,000.00	6,588.00000	26,352.00	11,444.00000	45,776.00
620-00020	Sanitary Facility	1.000 EACH	3,500.00000	3,500.00	1,500.00000	1,500.00	1,225.00000	1,225.00
626-00000	Mobilization	1.000 L S	250,000.00000	250,000.00	90,303.00000	90,303.00	134,325.00000	134,325.00
626-01104	Public Information Services (Tier IV)	1.000 L S	10,000.00000	10,000.00	4,400.00000	4,400.00	9,750.00000	9,750.00

Tabulation of Bids

Contract ID: C22841

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1231A INTERFACE COMMUNICATIONS COMPANY		(2) 697A W.L. CONTRACTORS, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items				LCC:			
630-00000	Flagging	40.000 HOUR	32.00000	1,280.00	33.00000	1,320.00	45.00000	1,800.00
630-00003	Uniformed Traffic Control	170.000 HOUR	100.00000	17,000.00	120.00000	20,400.00	130.00000	22,100.00
630-00006	Uniformed Traffic Control (Vehicle)	170.000 HOUR	35.00000	5,950.00	28.00000	4,760.00	39.00000	6,630.00
630-00007	Traffic Control Inspection	19.000 DAY	250.00000	4,750.00	115.00000	2,185.00	325.00000	6,175.00
630-00012	Traffic Control Management	95.000 DAY	850.00000	80,750.00	784.00000	74,480.00	1,025.00000	97,375.00
630-80341	Construction Traffic Sign (Panel Size A)	8.000 EACH	75.00000	600.00	62.00000	496.00	58.00000	464.00
630-80342	Construction Traffic Sign (Panel Size B)	54.000 EACH	110.00000	5,940.00	228.00000	12,312.00	71.00000	3,834.00
630-80360	Drum Channelizing Device	30.000 EACH	40.00000	1,200.00	62.00000	1,860.00	58.00000	1,740.00
630-80380	Traffic Cone	40.000 EACH	12.00000	480.00	16.00000	640.00	14.00000	560.00
630-80393	Stackable Vertical Panels	10.000 EACH	25.00000	250.00	39.00000	390.00	58.00000	580.00
630-80415	Advanced Warning Flashing or Sequencing Panel (C Type)	30.000 DAY	80.00000	2,400.00	39.00000	1,170.00	84.00000	2,520.00
630-85041	Mobile Attenuator	50.000 DAY	450.00000	22,500.00	445.00000	22,250.00	345.00000	17,250.00
632-00000	Night Work Lighting	1.000 L S	25,000.00000	25,000.00	1,834.80000	1,834.80	7,700.00000	7,700.00
Section Totals:			\$2,894,595.00		\$2,356,053.00		\$2,685,221.50	

Tabulation of Bids

Contract ID: C22841

Contract Grand Totals	\$2,894,595.00	\$2,356,053.00	\$2,685,221.50
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Tabulation of Bids

Contract ID: C22841

Item Code	Description	Quantity	(3) 1507A PAONIA, INC		(4) 720A STURGEON ELECTRIC COMPANY, INC			
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items							
						LCC:		
202-00720	Removal of Closed Circuit Camera	2.000 EACH	550.00000	1,100.00	400.00000	800.00		
202-00827	Removal of Pull Box	4.000 EACH	350.00000	1,400.00	300.00000	1,200.00		
202-00855	Removal of Traffic Signal Controller Cabinet	21.000 EACH	1,250.00000	26,250.00	2,500.00000	52,500.00		
203-01597	Potholing	200.000 HOUR	10.00000	2,000.00	425.00000	85,000.00		
208-00002	Erosion Log Type 1 (12 Inch)	50.000 LF	7.50000	375.00	32.00000	1,600.00		
208-00035	Aggregate Bag	100.000 LF	10.00000	1,000.00	34.00000	3,400.00		
208-00046	Pre-fabricated Concrete Washout Structure (Type 1)	5.000 EACH	1,100.00000	5,500.00	1,775.00000	8,875.00		
208-00051	Storm Drain Inlet Protection (Type I)	100.000 LF	19.00000	1,900.00	30.00000	3,000.00		
208-00052	Storm Drain Inlet Protection (Type II)	100.000 LF	55.00000	5,500.00	110.00000	11,000.00		
208-00103	Removal and Disposal of Sediment (Labor)	5.000 HOUR	90.00000	450.00	100.00000	500.00		
208-00105	Removal and Disposal of Sediment (Equipment)	3.000 HOUR	150.00000	450.00	125.00000	375.00		
208-00106	Sweeping (Sediment Removal)	50.000 HOUR	125.00000	6,250.00	165.00000	8,250.00		
208-00107	Removal of Trash	3.000 HOUR	90.00000	270.00	100.00000	300.00		
212-00006	Seeding (Native)	0.150 ACRE	16,667.00000	2,500.05	8,900.00000	1,335.00		
212-00032	Soil Conditioning	0.150 ACRE	16,667.00000	2,500.05	7,800.00000	1,170.00		

Tabulation of Bids

Contract ID: C22841

Item Code	Description	Quantity	(3) 1507A PAONIA, INC		(4) 720A STURGEON ELECTRIC COMPANY, INC			
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items							
						LCC:		
216-00211	Soil Retention Blanket (Excelsior) (Biodegradable Class 1)	725.000 SY	25.00000	18,125.00	6.00000	4,350.00		
607-11525	Fence (Plastic)	300.000 LF	5.00000	1,500.00	7.00000	2,100.00		
613-00206	2 Inch Electrical Conduit (Bored)	490.000 LF	18.00000	8,820.00	25.00000	12,250.00		
613-01200	2 Inch Electrical Conduit (Plastic)	1,275.000 LF	17.00000	21,675.00	19.00000	24,225.00		
613-01300	3 Inch Electrical Conduit (Plastic)	260.000 LF	19.00000	4,940.00	34.00000	8,840.00		
613-07011	Pull Box (11"x18"x12")	3.000 EACH	825.00000	2,475.00	1,325.00000	3,975.00		
613-07023	Pull Box (24"x36"x24")	16.000 EACH	1,500.00000	24,000.00	2,360.00000	37,760.00		
613-07040	Pull Box (30"x48"x24")	4.000 EACH	2,250.00000	9,000.00	2,860.00000	11,440.00		
613-10000	Wiring	1.000 L S	14,000.00000	14,000.00	159,995.00000	159,995.00		
613-80130	Service Meter Cabinet	17.000 EACH	4,900.00000	83,300.00	7,500.00000	127,500.00		
614-70024	1310nm SFP Optic Module	82.000 EACH	490.00000	40,180.00	450.00000	36,900.00		
614-70028	CWDM SFP Optic Module	16.000 EACH	875.00000	14,000.00	1,000.00000	16,000.00		
614-70030	Optical Attenuator	98.000 EACH	109.00000	10,682.00	300.00000	29,400.00		
614-70448	Traffic Signal Face (12-12-12-12)	4.000 EACH	710.00000	2,840.00	1,400.00000	5,600.00		
614-72836	Conflict Monitor	39.000 EACH	828.00000	32,292.00	795.00000	31,005.00		

Tabulation of Bids

Contract ID: C22841

Item Code	Description	Quantity	(3) 1507A PAONIA, INC		(4) 720A STURGEON ELECTRIC COMPANY, INC			
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items							
						LCC:		
614-72855	Traffic Signal Controller Cabinet	21.000 EACH	15,900.00000	333,900.00	16,250.00000	341,250.00		
614-72884	Traffic Signal Vehicle Detector (Micro Wave Type)	98.000 EACH	9,500.00000	931,000.00	9,600.00000	940,800.00		
614-86248	Traffic Signal Controller (Type 2070LC)	39.000 EACH	6,250.00000	243,750.00	5,475.00000	213,525.00		
614-86800	Uninterrupted Power Supply	21.000 EACH	8,250.00000	173,250.00	6,675.00000	140,175.00		
614-87011	Fiber Optic Cable (Single Mode) (24 Fiber)	570.000 LF	4.50000	2,565.00	6.00000	3,420.00		
614-87012	Fiber Optic Termination Panel (12 Fiber)	21.000 EACH	1,300.00000	27,300.00	1,395.00000	29,295.00		
614-87015	Buffer Tube Fan Out Kit	23.000 EACH	350.00000	8,050.00	625.00000	14,375.00		
614-87320	Closed Circuit Television	29.000 EACH	3,800.00000	110,200.00	4,700.00000	136,300.00		
614-87350	Test Fiber Optic Cable	1.000 L S	5,500.00000	5,500.00	175,000.00000	175,000.00		
614-87501	Splice Fiber Optic Cable (1 Strand)	306.000 EACH	110.00000	33,660.00	150.00000	45,900.00		
614-87692	Ethernet Switch Type II	37.000 EACH	3,100.00000	114,700.00	4,800.00000	177,600.00		
614-87697	Ethernet Aggregation Switch Type I	4.000 EACH	12,500.00000	50,000.00	14,500.00000	58,000.00		
620-00020	Sanitary Facility	1.000 EACH	1,500.00000	1,500.00	11,700.00000	11,700.00		
626-00000	Mobilization	1.000 L S	280,000.00000	280,000.00	125,000.00000	125,000.00		
626-01104	Public Information Services (Tier IV)	1.000 L S	7,500.00000	7,500.00	10,750.00000	10,750.00		

Tabulation of Bids

Contract ID: C22841

Item Code	Description	Quantity	(3) 1507A PAONIA, INC		(4) 720A STURGEON ELECTRIC COMPANY, INC			
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items							
						LCC:		
630-00000	Flagging	40.000 HOUR	26.00000	1,040.00	40.00000	1,600.00		
630-00003	Uniformed Traffic Control	170.000 HOUR	110.00000	18,700.00	105.00000	17,850.00		
630-00006	Uniformed Traffic Control (Vehicle)	170.000 HOUR	55.00000	9,350.00	32.00000	5,440.00		
630-00007	Traffic Control Inspection	19.000 DAY	200.00000	3,800.00	265.00000	5,035.00		
630-00012	Traffic Control Management	95.000 DAY	850.00000	80,750.00	1,150.00000	109,250.00		
630-80341	Construction Traffic Sign (Panel Size A)	8.000 EACH	55.00000	440.00	50.00000	400.00		
630-80342	Construction Traffic Sign (Panel Size B)	54.000 EACH	75.00000	4,050.00	60.00000	3,240.00		
630-80360	Drum Channelizing Device	30.000 EACH	30.00000	900.00	50.00000	1,500.00		
630-80380	Traffic Cone	40.000 EACH	25.00000	1,000.00	15.00000	600.00		
630-80393	Stackable Vertical Panels	10.000 EACH	35.00000	350.00	50.00000	500.00		
630-80415	Advanced Warning Flashing or Sequencing Panel (C Type)	30.000 DAY	50.00000	1,500.00	70.00000	2,100.00		
630-85041	Mobile Attenuator	50.000 DAY	500.00000	25,000.00	525.00000	26,250.00		
632-00000	Night Work Lighting	1.000 L S	9,500.00000	9,500.00	12,500.00000	12,500.00		
Section Totals:				\$2,824,529.10		\$3,300,000.00		
Contract Grand Totals				\$2,824,529.10		\$3,300,000.00		

Colorado Department Of Transportation

Printed On: 11/07/2019

Low Bid Item Analysis

Page 1 of 5

Contract ID: C22841

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	Bid Items						
0005	202-00720 Removal of Closed Circuit Camera	2.000	1,000.00000	193.00000 EACH	2,000.00	386.00	19.30%	-1,614.00
0010	202-00827 Removal of Pull Box	4.000	500.00000	386.00000 EACH	2,000.00	1,544.00	77.20%	-456.00
0015	202-00855 Removal of Traffic Signal Controller Cabinet	21.000	1,500.00000	1,280.00000 EACH	31,500.00	26,880.00	85.33%	-4,620.00
0020	203-01597 Potholing	200.000	230.00000	228.00000 HOUR	46,000.00	45,600.00	99.13%	-400.00
0025	208-00002 Erosion Log Type 1 (12 Inch)	50.000	6.00000	9.00000 LF	300.00	450.00	150.00%	150.00
0030	208-00035 Aggregate Bag	100.000	12.00000	6.00000 LF	1,200.00	600.00	50.00%	-600.00
0035	208-00046 Pre-fabricated Concrete Washout Structure (Type 1)	5.000	2,500.00000	249.00000 EACH	12,500.00	1,245.00	9.96%	-11,255.00
0040	208-00051 Storm Drain Inlet Protection (Type I)	100.000	12.00000	6.00000 LF	1,200.00	600.00	50.00%	-600.00
0045	208-00052 Storm Drain Inlet Protection (Type II)	100.000	45.00000	20.00000 LF	4,500.00	2,000.00	44.44%	-2,500.00
0050	208-00103 Removal and Disposal of Sediment (Labor)	5.000	70.00000	41.00000 HOUR	350.00	205.00	58.57%	-145.00
0055	208-00105 Removal and Disposal of Sediment (Equipment)	3.000	120.00000	74.00000 HOUR	360.00	222.00	61.67%	-138.00
0060	208-00106 Sweeping (Sediment Removal)	50.000	150.00000	75.00000 HOUR	7,500.00	3,750.00	50.00%	-3,750.00

Colorado Department Of Transportation

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Low Bid Item Analysis

Page 2 of 5

Contract ID: C22841

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) / Underrun (-)
SECTION:	0001	Bid Items						
0065	208-00107 Removal of Trash	3.000	125.00000	32.00000 HOUR	375.00	96.00	25.60%	-279.00
0070	212-00006 Seeding (Native)	0.150	1,500.00000	8,340.00000 ACRE	225.00	1,251.00	556.00%	1,026.00
0075	212-00032 Soil Conditioning	0.150	3,500.00000	7,228.00000 ACRE	525.00	1,084.20	206.51%	559.20
0080	216-00211 Soil Retention Blanket (Excelsior) (Biodegradable Class 1)	725.000	17.00000	4.00000 SY	12,325.00	2,900.00	23.53%	-9,425.00
0085	607-11525 Fence (Plastic)	300.000	5.00000	4.00000 LF	1,500.00	1,200.00	80.00%	-300.00
0090	613-00206 2 Inch Electrical Conduit (Bored)	490.000	25.00000	30.00000 LF	12,250.00	14,700.00	120.00%	2,450.00
0095	613-01200 2 Inch Electrical Conduit (Plastic)	1,275.000	15.00000	16.00000 LF	19,125.00	20,400.00	106.67%	1,275.00
0100	613-01300 3 Inch Electrical Conduit (Plastic)	260.000	20.00000	24.00000 LF	5,200.00	6,240.00	120.00%	1,040.00
0105	613-07011 Pull Box (11"x18"x12")	3.000	900.00000	819.00000 EACH	2,700.00	2,457.00	91.00%	-243.00
0110	613-07023 Pull Box (24"x36"x24")	16.000	2,000.00000	1,635.00000 EACH	32,000.00	26,160.00	81.75%	-5,840.00
0115	613-07040 Pull Box (30"x48"x24")	4.000	2,500.00000	2,114.00000 EACH	10,000.00	8,456.00	84.56%	-1,544.00
0120	613-10000 Wiring	1.000	40,000.00000	35,861.00000 L S	40,000.00	35,861.00	89.65%	-4,139.00

Colorado Department Of Transportation

Printed On: 11/07/2019

Low Bid Item Analysis

Page 3 of 5

Contract ID: C22841

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	Bid Items						
0125	613-80130 Service Meter Cabinet	17.000	6,000.00000	4,217.00000 EACH	102,000.00	71,689.00	70.28%	-30,311.00
0130	614-70024 1310nm SFP Optic Module	82.000	375.00000	135.00000 EACH	30,750.00	11,070.00	36.00%	-19,680.00
0135	614-70028 CWDM SFP Optic Module	16.000	1,200.00000	590.00000 EACH	19,200.00	9,440.00	49.17%	-9,760.00
0140	614-70030 Optical Attenuator	98.000	100.00000	40.00000 EACH	9,800.00	3,920.00	40.00%	-5,880.00
0145	614-70448 Traffic Signal Face (12-12-12-12)	4.000	1,000.00000	801.00000 EACH	4,000.00	3,204.00	80.10%	-796.00
0150	614-72836 Conflict Monitor	39.000	1,000.00000	730.00000 EACH	39,000.00	28,470.00	73.00%	-10,530.00
0155	614-72855 Traffic Signal Controller Cabinet	21.000	15,000.00000	13,792.00000 EACH	315,000.00	289,632.00	91.95%	-25,368.00
0160	614-72884 Traffic Signal Vehicle Detector (Micro Wave Type)	98.000	9,000.00000	8,550.00000 EACH	882,000.00	837,900.00	95.00%	-44,100.00
0165	614-86248 Traffic Signal Controller (Type 2070LC)	39.000	5,500.00000	5,104.00000 EACH	214,500.00	199,056.00	92.80%	-15,444.00
0170	614-86800 Uninterrupted Power Supply	21.000	10,000.00000	6,239.00000 EACH	210,000.00	131,019.00	62.39%	-78,981.00
0175	614-87011 Fiber Optic Cable (Single Mode) (24 Fiber)	570.000	7.00000	2.00000 LF	3,990.00	1,140.00	28.57%	-2,850.00
0180	614-87012 Fiber Optic Termination Panel (12 Fiber)	21.000	1,000.00000	684.00000 EACH	21,000.00	14,364.00	68.40%	-6,636.00

Colorado Department Of Transportation

Printed On: 11/07/2019

Low Bid Item Analysis

Page 4 of 5

Contract ID: C22841

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	Bid Items						
0185	614-87015 Buffer Tube Fan Out Kit	23.000	300.00000	44.00000 EACH	6,900.00	1,012.00	14.67%	-5,888.00
0190	614-87320 Closed Circuit Television	29.000	5,000.00000	3,497.00000 EACH	145,000.00	101,413.00	69.94%	-43,587.00
0195	614-87350 Test Fiber Optic Cable	1.000	20,000.00000	22,518.00000 L S	20,000.00	22,518.00	112.59%	2,518.00
0200	614-87501 Splice Fiber Optic Cable (1 Strand)	306.000	120.00000	135.00000 EACH	36,720.00	41,310.00	112.50%	4,590.00
0205	614-87692 Ethernet Switch Type II	37.000	3,500.00000	3,188.00000 EACH	129,500.00	117,956.00	91.09%	-11,544.00
0210	614-87697 Ethernet Aggregation Switch Type I	4.000	7,000.00000	6,588.00000 EACH	28,000.00	26,352.00	94.11%	-1,648.00
0215	620-00020 Sanitary Facility	1.000	3,500.00000	1,500.00000 EACH	3,500.00	1,500.00	42.86%	-2,000.00
0220	626-00000 Mobilization	1.000	250,000.00000	90,303.00000 L S	250,000.00	90,303.00	36.12%	-159,697.00
0225	626-01104 Public Information Services (Tier IV)	1.000	10,000.00000	4,400.00000 L S	10,000.00	4,400.00	44.00%	-5,600.00
0230	630-00000 Flagging	40.000	32.00000	33.00000 HOUR	1,280.00	1,320.00	103.13%	40.00
0235	630-00003 Uniformed Traffic Control	170.000	100.00000	120.00000 HOUR	17,000.00	20,400.00	120.00%	3,400.00
0240	630-00006 Uniformed Traffic Control (Vehicle)	170.000	35.00000	28.00000 HOUR	5,950.00	4,760.00	80.00%	-1,190.00

Low Bid Item Analysis

Contract ID: C22841

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) / Underrun (-)
SECTION:	0001	Bid Items						
0245	630-00007 Traffic Control Inspection	19.000	250.00000	115.00000 DAY	4,750.00	2,185.00	46.00%	-2,565.00
0250	630-00012 Traffic Control Management	95.000	850.00000	784.00000 DAY	80,750.00	74,480.00	92.24%	-6,270.00
0255	630-80341 Construction Traffic Sign (Panel Size A)	8.000	75.00000	62.00000 EACH	600.00	496.00	82.67%	-104.00
0260	630-80342 Construction Traffic Sign (Panel Size B)	54.000	110.00000	228.00000 EACH	5,940.00	12,312.00	207.27%	6,372.00
0265	630-80360 Drum Channelizing Device	30.000	40.00000	62.00000 EACH	1,200.00	1,860.00	155.00%	660.00
0270	630-80380 Traffic Cone	40.000	12.00000	16.00000 EACH	480.00	640.00	133.33%	160.00
0275	630-80393 Stackable Vertical Panels	10.000	25.00000	39.00000 EACH	250.00	390.00	156.00%	140.00
0280	630-80415 Advanced Warning Flashing or Sequencing Panel (C Type)	30.000	80.00000	39.00000 DAY	2,400.00	1,170.00	48.75%	-1,230.00
0285	630-85041 Mobile Attenuator	50.000	450.00000	445.00000 DAY	22,500.00	22,250.00	98.89%	-250.00
0290	632-00000 Night Work Lighting	1.000	25,000.00000	1,834.80000 L S	25,000.00	1,834.80	7.34%	-23,165.20
Section 0001 Subtotal					\$2,894,595.00	\$2,356,053.00	81.39%	-\$538,542.00
Contract Total for Calculated Low Bidders Bid Items					\$2,894,595.00	\$2,356,053.00	81.39%	-\$538,542.00