

Colorado Department Of Transportation

Printed On: 11/16/2020

Low Bid Summary

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Letting Date: November 12, 2020

Call Order	Contract ID	Project(s)	# of Bids	Low Bidder	Estimated Cost	Corrected Bid	Percent of Estimate	Overrun (+) Underrun (-)
004	C23322	ITSITSB-002	3	INTERFACE COMMUNICATIONS COMPANY	\$1,915,480.00	\$1,062,276.00	55.46%	-\$853,204.00
Letting Totals			3		\$1,915,480.00	\$1,062,276.00	55.46%	-\$853,204.00

Vendor Ranking

Contract Description: Contract ID: C23322
 ITS INSTALLATION OF CONNECTED VEHICLE ROADSIDE UNITS STATEWIDE ON MISC HIGHWAYS.

This project has a MANDATORY pre-bid meeting on Monday, November 2, 2020 beginning at 10:00 am via Google Hangouts.

Meeting Link: meet.google.com/ora-ebbm-bzy
 (US)1 754-217-7730
 PIN: 202 594 584#

Rank	Vendor ID	Vendor Name	Total Bid	Percent Of Low Bid	Percent Of Estimate
1	1231A	INTERFACE COMMUNICATIONS COMPANY	\$1,062,276.00	100.00%	55.46%
2	720A	STURGEON ELECTRIC COMPANY, INC.	\$1,284,000.00	120.87%	67.03%
0	-EST-	Engineer's Estimate	\$1,915,480.00	180.32%	100.00%
3	697A	W.L. CONTRACTORS, INC.	\$3,550,155.00	334.20%	185.34%

Tabulation of Bids

Contract ID: C23322

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1231A INTERFACE COMMUNICATIONS		(2) 720A STURGEON ELECTRIC COMPANY, INC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 ROADWAY					LCC:		
202-00060	Removal of Travel Time Indicator	75.000 EACH	1,000.00000	75,000.00	111.00000	8,325.00	325.00000	24,375.00
208-00103	Removal and Disposal of Sediment (Labor)	20.000 HOUR	60.00000	1,200.00	36.00000	720.00	25.00000	500.00
208-00105	Removal and Disposal of Sediment (Equipment)	20.000 HOUR	150.00000	3,000.00	36.00000	720.00	25.00000	500.00
208-00106	Sweeping (Sediment Removal)	50.000 HOUR	165.00000	8,250.00	36.00000	1,800.00	25.00000	1,250.00
613-07195	Proof Conduit	6,000.000 LF	4.00000	24,000.00	2.69000	16,140.00	1.25000	7,500.00
613-60700	Troubleshooting	400.000 HOUR	135.00000	54,000.00	209.00000	83,600.00	110.00000	44,000.00
614-70024	1310nm SFP Optic Module	14.000 EACH	600.00000	8,400.00	131.00000	1,834.00	180.00000	2,520.00
614-70028	CWDM SFP Optic Module	28.000 EACH	900.00000	25,200.00	575.00000	16,100.00	625.00000	17,500.00
614-70030	Optical Attenuator	42.000 EACH	100.00000	4,200.00	35.00000	1,470.00	95.00000	3,990.00
614-86009	Connected Vehicle Roadside Unit (Install Only)	407.000 EACH	1,850.00000	752,950.00	866.00000	352,462.00	1,475.00000	600,325.00
614-87691	Ethernet Switch Type I	6.000 EACH	4,000.00000	24,000.00	3,192.00000	19,152.00	3,585.00000	21,510.00
614-87692	Ethernet Switch Type II	8.000 EACH	4,000.00000	32,000.00	2,955.00000	23,640.00	3,185.00000	25,480.00
614-87708	Cellular Modem (CDMA)	7.000 EACH	3,000.00000	21,000.00	1,243.00000	8,701.00	1,700.00000	11,900.00
620-00020	Sanitary Facility	1.000 EACH	2,000.00000	2,000.00	1,711.00000	1,711.00	11,070.00000	11,070.00
626-00000	Mobilization	1.000 L S	530,000.00000	530,000.00	91,189.00000	91,189.00	80,000.00000	80,000.00

Tabulation of Bids

Contract ID: C23322

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1231A INTERFACE COMMUNICATIONS COMPANY		(2) 720A STURGEON ELECTRIC COMPANY, INC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION: 0001 ROADWAY			LCC:					
626-01114	Public Information Management (Tier IV)	90.000 DAY	400.00000	36,000.00	82.00000	7,380.00	95.00000	8,550.00
630-00000	Flagging	40.000 HOUR	30.00000	1,200.00	46.00000	1,840.00	32.00000	1,280.00
630-00007	Traffic Control Inspection	5.000 DAY	250.00000	1,250.00	100.00000	500.00	210.00000	1,050.00
630-00012	Traffic Control Management	220.000 DAY	950.00000	209,000.00	1,330.00000	292,600.00	1,040.00000	228,800.00
630-80341	Construction Traffic Sign (Panel Size A)	20.000 EACH	45.00000	900.00	64.00000	1,280.00	58.00000	1,160.00
630-80342	Construction Traffic Sign (Panel Size B)	54.000 EACH	55.00000	2,970.00	236.00000	12,744.00	215.00000	11,610.00
630-80343	Construction Traffic Sign (Panel Size C)	8.000 EACH	70.00000	560.00	236.00000	1,888.00	215.00000	1,720.00
630-80350	Vertical Panel	30.000 EACH	30.00000	900.00	41.00000	1,230.00	37.00000	1,110.00
630-80355	Portable Message Sign Panel	2.000 EACH	4,000.00000	8,000.00	2,500.00000	5,000.00	10,500.00000	21,000.00
630-80358	Advance Warning Flashing or Sequencing Arrow Panel (C Type)	2.000 EACH	2,000.00000	4,000.00	1,725.00000	3,450.00	1,575.00000	3,150.00
630-80363	Drum Channelizing Device (With Light) (Flashing)	50.000 EACH	50.00000	2,500.00	64.00000	3,200.00	58.00000	2,900.00
630-80380	Traffic Cone	150.000 EACH	20.00000	3,000.00	16.00000	2,400.00	15.00000	2,250.00
630-85020	Mobile Attenuator	2.000 EACH	40,000.00000	80,000.00	50,600.00000	101,200.00	73,500.00000	147,000.00
Section Totals:			\$1,915,480.00		\$1,062,276.00		\$1,284,000.00	

Tabulation of Bids

Contract ID: C23322

Contract Grand Totals	\$1,915,480.00	\$1,062,276.00	\$1,284,000.00
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Tabulation of Bids

Contract ID: C23322

			(3) 697A W.L. CONTRACTORS, INC.					
Item Code	Description	Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 ROADWAY					LCC:		
202-00060	Removal of Travel Time Indicator	75.000 EACH	255.00000	19,125.00				
208-00103	Removal and Disposal of Sediment (Labor)	20.000 HOUR	73.00000	1,460.00				
208-00105	Removal and Disposal of Sediment (Equipment)	20.000 HOUR	96.00000	1,920.00				
208-00106	Sweeping (Sediment Removal)	50.000 HOUR	112.00000	5,600.00				
613-07195	Proof Conduit	6,000.000 LF	4.00000	24,000.00				
613-60700	Troubleshooting	400.000 HOUR	253.00000	101,200.00				
614-70024	1310nm SFP Optic Module	14.000 EACH	522.00000	7,308.00				
614-70028	CWDM SFP Optic Module	28.000 EACH	1,183.00000	33,124.00				
614-70030	Optical Attenuator	42.000 EACH	145.00000	6,090.00				
614-86009	Connected Vehicle Roadside Unit (Install Only)	407.000 EACH	3,535.00000	1,438,745.00				
614-87691	Ethernet Switch Type I	6.000 EACH	4,680.00000	28,080.00				
614-87692	Ethernet Switch Type II	8.000 EACH	4,753.00000	38,024.00				
614-87708	Cellular Modem (CDMA)	7.000 EACH	5,970.00000	41,790.00				
620-00020	Sanitary Facility	1.000 EACH	3,562.00000	3,562.00				
626-00000	Mobilization	1.000 L S	1,212,677.00000	1,212,677.00				

Tabulation of Bids

Contract ID: C23322

				(3) 697A W.L. CONTRACTORS, INC.					
Item Code	Description	Quantity		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 ROADWAY						LCC:		
626-01114	Public Information Management (Tier IV)	90.000	DAY	155.00000	13,950.00				
630-00000	Flagging	40.000	HOUR	31.00000	1,240.00				
630-00007	Traffic Control Inspection	5.000	DAY	194.00000	970.00				
630-00012	Traffic Control Management	220.000	DAY	1,941.00000	427,020.00				
630-80341	Construction Traffic Sign (Panel Size A)	20.000	EACH	32.00000	640.00				
630-80342	Construction Traffic Sign (Panel Size B)	54.000	EACH	115.00000	6,210.00				
630-80343	Construction Traffic Sign (Panel Size C)	8.000	EACH	31.00000	248.00				
630-80350	Vertical Panel	30.000	EACH	47.00000	1,410.00				
630-80355	Portable Message Sign Panel	2.000	EACH	12,477.00000	24,954.00				
630-80358	Advance Warning Flashing or Sequencing Arrow Panel (C Type)	2.000	EACH	6,238.00000	12,476.00				
630-80363	Drum Channelizing Device (With Light) (Flashing)	50.000	EACH	47.00000	2,350.00				
630-80380	Traffic Cone	150.000	EACH	16.00000	2,400.00				
630-85020	Mobile Attenuator	2.000	EACH	46,791.00000	93,582.00				
Section Totals:					\$3,550,155.00				
Contract Grand Totals					\$3,550,155.00				

Tabulation of Bids

Contract ID: C23322

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Low Bid Item Analysis

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Contract ID: C23322

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0005	202-00060 Removal of Travel Time Indicator	75.000	1,000.00000	111.00000 EACH	75,000.00	8,325.00	11.10%	-66,675.00
0010	208-00103 Removal and Disposal of Sediment (Labor)	20.000	60.00000	36.00000 HOUR	1,200.00	720.00	60.00%	-480.00
0015	208-00105 Removal and Disposal of Sediment (Equipment)	20.000	150.00000	36.00000 HOUR	3,000.00	720.00	24.00%	-2,280.00
0020	208-00106 Sweeping (Sediment Removal)	50.000	165.00000	36.00000 HOUR	8,250.00	1,800.00	21.82%	-6,450.00
0025	613-07195 Proof Conduit	6,000.000	4.00000	2.69000 LF	24,000.00	16,140.00	67.25%	-7,860.00
0030	613-60700 Troubleshooting	400.000	135.00000	209.00000 HOUR	54,000.00	83,600.00	154.81%	29,600.00
0035	614-70024 1310nm SFP Optic Module	14.000	600.00000	131.00000 EACH	8,400.00	1,834.00	21.83%	-6,566.00
0040	614-70028 CWDM SFP Optic Module	28.000	900.00000	575.00000 EACH	25,200.00	16,100.00	63.89%	-9,100.00
0045	614-70030 Optical Attenuator	42.000	100.00000	35.00000 EACH	4,200.00	1,470.00	35.00%	-2,730.00
0050	614-86009 Connected Vehicle Roadside Unit (Install Only)	407.000	1,850.00000	866.00000 EACH	752,950.00	352,462.00	46.81%	-400,488.00
0055	614-87691 Ethernet Switch Type I	6.000	4,000.00000	3,192.00000 EACH	24,000.00	19,152.00	79.80%	-4,848.00
0060	614-87692 Ethernet Switch Type II	8.000	4,000.00000	2,955.00000 EACH	32,000.00	23,640.00	73.88%	-8,360.00

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Low Bid Item Analysis

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Contract ID: C23322

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0065	614-87708 Cellular Modem (CDMA)	7.000	3,000.00000	1,243.00000 EACH	21,000.00	8,701.00	41.43%	-12,299.00
0070	620-00020 Sanitary Facility	1.000	2,000.00000	1,711.00000 EACH	2,000.00	1,711.00	85.55%	-289.00
0075	626-00000 Mobilization	1.000	530,000.00000	91,189.00000 L S	530,000.00	91,189.00	17.21%	-438,811.00
0080	626-01114 Public Information Management (Tier IV)	90.000	400.00000	82.00000 DAY	36,000.00	7,380.00	20.50%	-28,620.00
0085	630-00000 Flagging	40.000	30.00000	46.00000 HOUR	1,200.00	1,840.00	153.33%	640.00
0090	630-00007 Traffic Control Inspection	5.000	250.00000	100.00000 DAY	1,250.00	500.00	40.00%	-750.00
0095	630-00012 Traffic Control Management	220.000	950.00000	1,330.00000 DAY	209,000.00	292,600.00	140.00%	83,600.00
0100	630-80341 Construction Traffic Sign (Panel Size A)	20.000	45.00000	64.00000 EACH	900.00	1,280.00	142.22%	380.00
0105	630-80342 Construction Traffic Sign (Panel Size B)	54.000	55.00000	236.00000 EACH	2,970.00	12,744.00	429.09%	9,774.00
0110	630-80343 Construction Traffic Sign (Panel Size C)	8.000	70.00000	236.00000 EACH	560.00	1,888.00	337.14%	1,328.00
0115	630-80350 Vertical Panel	30.000	30.00000	41.00000 EACH	900.00	1,230.00	136.67%	330.00
0120	630-80355 Portable Message Sign Panel	2.000	4,000.00000	2,500.00000 EACH	8,000.00	5,000.00	62.50%	-3,000.00

Low Bid Item Analysis

Contract ID: C23322

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0125	630-80358 Advance Warning Flashing or Sequencing Arrow Panel (C Type)	2.000	2,000.00000	1,725.00000 EACH	4,000.00	3,450.00	86.25%	-550.00
0130	630-80363 Drum Channelizing Device (With Light) (Flashing)	50.000	50.00000	64.00000 EACH	2,500.00	3,200.00	128.00%	700.00
0135	630-80380 Traffic Cone	150.000	20.00000	16.00000 EACH	3,000.00	2,400.00	80.00%	-600.00
0140	630-85020 Mobile Attenuator	2.000	40,000.00000	50,600.00000 EACH	80,000.00	101,200.00	126.50%	21,200.00
Section 0001 Subtotal					\$1,915,480.00	\$1,062,276.00	55.46%	-\$853,204.00
Contract Total for Calculated Low Bidders Bid Items					\$1,915,480.00	\$1,062,276.00	55.46%	-\$853,204.00