

Colorado Department Of Transportation

Printed On: 08/01/2019

Low Bid Summary

Page 1 of 1

Letting Date: July 18, 2019

Call Order	Contract ID	Project(s)	# of Bids	Low Bidder	Estimated Cost	Corrected Bid	Percent of Estimate	Overrun (+) Underrun (-)
001	C22704	FSA076A-010	5	INTERFACE COMMUNICATIONS COMPANY	\$1,870,193.00	\$1,533,000.00	81.97%	-\$337,193.00
Letting Totals			5		\$1,870,193.00	\$1,533,000.00	81.97%	-\$337,193.00

Vendor Ranking

Contract ID: C22704

Contract Description:

THE PROJECT CONSIST OF FURNISHING AND INSTALLING OF CCTV CAMERAS,
 VARIABLE MESSAGE SIGNS, ROAD WEATHER INFORMATION SYSTEMS, AND
 ASSOCIATED COMMUNICATIONS EQUIPMENT ALONG I-76 FROM MM 47.19 TO MM
 123.80

Rank	Vendor ID	Vendor Name	Total Bid	Percent Of Low Bid	Percent Of Estimate
1	1231A	INTERFACE COMMUNICATIONS COMPANY	\$1,533,000.00	100.00%	81.97%
0	-EST-	Engineer's Estimate	\$1,870,193.00	122.00%	100.00%
2	1507A	PAONIA, INC dba PAONIA, LLC	\$1,976,245.00	128.91%	105.67%
3	1476A	MORTON ELECTRIC, INC.	\$2,003,904.50	130.72%	107.15%
4	720A	STURGEON ELECTRIC COMPANY, INC.	\$2,222,495.00	144.98%	118.84%
5	697A	W.L. CONTRACTORS, INC.	\$2,348,341.12	153.19%	125.57%

Tabulation of Bids

Contract ID: C22704

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1231A INTERFACE COMMUNICATIONS		(2) 1507A PAONIA, INC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS						
						LCC:		
201-00000	Clearing and Grubbing	1.000 L S	10,000.00000	10,000.00	1,186.00000	1,186.00	7,500.00000	7,500.00
203-01597	Potholing	70.000 HOUR	250.00000	17,500.00	21.91000	1,533.70	10.00000	700.00
208-00002	Erosion Log Type 1 (12 Inch)	700.000 LF	8.00000	5,600.00	6.00000	4,200.00	10.00000	7,000.00
208-00035	Aggregate Bag	700.000 LF	10.00000	7,000.00	10.00000	7,000.00	9.00000	6,300.00
208-00045	Concrete Washout Structure	7.000 EACH	1,350.00000	9,450.00	230.00000	1,610.00	2,500.00000	17,500.00
212-00006	Seeding (Native)	0.770 ACRE	1,000.00000	770.00	1,077.00000	829.29	6,000.00000	4,620.00
212-00032	Soil Conditioning	0.770 ACRE	2,650.00000	2,040.50	9,667.00000	7,443.59	6,000.00000	4,620.00
213-00012	Spray-on Mulch Blanket	0.770 ACRE	3,200.00000	2,464.00	8,463.00000	6,516.51	6,000.00000	4,620.00
503-00036	Drilled Shaft (36 Inch)	126.000 LF	460.00000	57,960.00	331.00000	41,706.00	540.00000	68,040.00
503-00048	Drilled Shaft (48 Inch)	224.000 LF	700.00000	156,800.00	388.00000	86,912.00	750.00000	168,000.00
606-00301	Guardrail Type 3 (6-3 Post Spacing)	1,260.000 LF	45.00000	56,700.00	46.00000	57,960.00	54.00000	68,040.00
606-01340	End Anchorage Type 3D	7.000 EACH	2,500.00000	17,500.00	2,042.00000	14,294.00	1,750.00000	12,250.00
606-02005	End Anchorage (Flared)	7.000 EACH	3,500.00000	24,500.00	3,450.00000	24,150.00	3,735.00000	26,145.00
607-11525	Fence (Plastic)	500.000 LF	4.00000	2,000.00	5.00000	2,500.00	5.00000	2,500.00
612-00260	Location Marker (Fiber Optic)(Dome)	7.000 EACH	130.00000	910.00	54.00000	378.00	165.00000	1,155.00
613-00050	1/2 Inch Electrical Conduit	345.000 LF	12.50000	4,312.50	17.00000	5,865.00	35.00000	12,075.00

Tabulation of Bids

Contract ID: C22704

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1231A INTERFACE COMMUNICATIONS COMPANY		(2) 1507A PAONIA, INC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS						
						LCC:		
613-00200	2 Inch Electrical Conduit	35.000 LF	19.00000	665.00	67.00000	2,345.00	17.00000	595.00
613-00306	3 Inch Electrical Conduit (Bored)	380.000 LF	25.00000	9,500.00	33.00000	12,540.00	25.00000	9,500.00
613-01200	2 Inch Electrical Conduit (Plastic)	1,920.000 LF	15.00000	28,800.00	11.00000	21,120.00	17.00000	32,640.00
613-01300	3 Inch Electrical Conduit (Plastic)	1,200.000 LF	16.00000	19,200.00	9.00000	10,800.00	25.00000	30,000.00
613-04200	2 Inch Electrical Conduit (Liquidtight Flexible Metal)	42.000 LF	25.00000	1,050.00	1.00000	42.00	50.00000	2,100.00
613-07002	Type Two Pull Box	10.000 EACH	825.00000	8,250.00	874.00000	8,740.00	1,200.00000	12,000.00
613-07011	Pull Box (11"x18"x12")	7.000 EACH	600.00000	4,200.00	769.00000	5,383.00	1,500.00000	10,500.00
613-07023	Pull Box (24"x36"x24")	7.000 EACH	1,750.00000	12,250.00	1,683.00000	11,781.00	2,000.00000	14,000.00
613-10000	Wiring	1.000 L S	50,000.00000	50,000.00	69,112.00000	69,112.00	50,000.00000	50,000.00
613-40000	Concrete Foundation Pad	2.000 EACH	1,000.00000	2,000.00	1,153.00000	2,306.00	4,000.00000	8,000.00
613-50105	Lighting Control Center (Pedestal Only)	2.000 EACH	6,500.00000	13,000.00	5,627.00000	11,254.00	25,000.00000	50,000.00
613-80130	Service Meter Cabinet	5.000 EACH	5,500.00000	27,500.00	989.00000	4,945.00	8,000.00000	40,000.00
613-80274	Structure Mounted Disconnect Switch	7.000 EACH	1,200.00000	8,400.00	616.00000	4,312.00	2,500.00000	17,500.00
613-81700	Safety Switch NEMA 3R, 60A, 2-pole, 240 V f(for VMS Maint Disconnect	7.000 EACH	1,250.00000	8,750.00	616.00000	4,312.00	2,000.00000	14,000.00
614-10147	Variable Message Sign LED (Overhead)	7.000 EACH	67,500.00000	472,500.00	69,698.00000	487,886.00	67,500.00000	472,500.00

Tabulation of Bids

Contract ID: C22704

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1231A INTERFACE COMMUNICATIONS COMPANY		(2) 1507A PAONIA, INC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS						
						LCC:		
614-42500	Monotube Overhead Sign Bridge (Install Only)	7.000 EACH	15,000.00000	105,000.00	10.00000	70.00	7,500.00000	52,500.00
614-72832	Communications Cabinet (Type 2)	7.000 EACH	12,500.00000	87,500.00	9,920.00000	69,440.00	14,000.00000	98,000.00
614-86105	Telemetry (Field)	7.000 EACH	2,000.00000	14,000.00	2,621.00000	18,347.00	2,000.00000	14,000.00
614-86741	Weather Monitoring System	2.000 EACH	55,000.00000	110,000.00	53,611.00000	107,222.00	75,000.00000	150,000.00
614-87320	Closed Circuit Television	7.000 EACH	5,000.00000	35,000.00	3,939.00000	27,573.00	5,800.00000	40,600.00
614-87364	Closed Circuit Television Pole with Lowering Device (50 Feet)	7.000 EACH	22,600.00000	158,200.00	15,769.00000	110,383.00	25,000.00000	175,000.00
620-00020	Sanitary Facility	1.000 EACH	2,000.00000	2,000.00	921.00000	921.00	2,500.00000	2,500.00
625-00000	Construction Surveying	1.000 L S	15,000.00000	15,000.00	16,905.00000	16,905.00	21,000.00000	21,000.00
626-00000	Mobilization	1.000 L S	165,000.00000	165,000.00	101,587.91000	101,587.91	120,000.00000	120,000.00
630-00000	Flagging	300.000 HOUR	30.00000	9,000.00	3.00000	900.00	35.00000	10,500.00
630-00003	Uniformed Traffic Control	70.000 HOUR	150.00000	10,500.00	115.00000	8,050.00	140.00000	9,800.00
630-00007	Traffic Control Inspection	25.000 DAY	200.00000	5,000.00	25.00000	625.00	250.00000	6,250.00
630-00012	Traffic Control Management	75.000 DAY	800.00000	60,000.00	883.00000	66,225.00	900.00000	67,500.00
630-80001	Flashing Beacon (Portable)	8.000 EACH	1,000.00000	8,000.00	115.00000	920.00	800.00000	6,400.00
630-80335	Barricade (Type 3 M-A) (Temporary)	3.000 EACH	160.00000	480.00	115.00000	345.00	350.00000	1,050.00

Tabulation of Bids

Contract ID: C22704

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1231A INTERFACE COMMUNICATIONS COMPANY		(2) 1507A PAONIA, INC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS						
						LCC:		
630-80341	Construction Traffic Sign (Panel Size A)	82.000 EACH	48.00000	3,936.00	12.00000	984.00	55.00000	4,510.00
630-80342	Construction Traffic Sign (Panel Size B)	8.000 EACH	65.00000	520.00	600.00000	4,800.00	75.00000	600.00
630-80343	Construction Traffic Sign (Panel Size C)	14.000 EACH	85.00000	1,190.00	600.00000	8,400.00	100.00000	1,400.00
630-80355	Portable Message Sign Panel	1.000 EACH	6,000.00000	6,000.00	5,750.00000	5,750.00	7,500.00000	7,500.00
630-80358	Advance Warning Flashing or Sequencing Arrow Panel (C Type)	2.000 EACH	2,000.00000	4,000.00	575.00000	1,150.00	3,500.00000	7,000.00
630-80363	Drum Channelizing Device (With Light) (Flashing)	55.000 EACH	41.00000	2,255.00	115.00000	6,325.00	65.00000	3,575.00
630-80380	Traffic Cone	130.000 EACH	8.00000	1,040.00	2.00000	260.00	12.00000	1,560.00
630-85040	Impact Attenuator (Truck Mounted Attenuator) (Temporary)	1.000 EACH	25,000.00000	25,000.00	54,855.00000	54,855.00	600.00000	600.00
Section Totals:				\$1,870,193.00		\$1,533,000.00		\$1,976,245.00
Contract Grand Totals				\$1,870,193.00		\$1,533,000.00		\$1,976,245.00

Tabulation of Bids

Contract ID: C22704

Item Code	Description	Quantity	(3) 1476A MORTON ELECTRIC, INC.		(4) 720A STURGEON ELECTRIC COMPANY, INC		(5) 697A W.L. CONTRACTORS, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS				LCC:			
201-00000	Clearing and Grubbing	1.000 L S	10,080.00000	10,080.00	15,600.00000	15,600.00	16,500.00000	16,500.00
203-01597	Potholing	70.000 HOUR	225.00000	15,750.00	575.00000	40,250.00	225.00000	15,750.00
208-00002	Erosion Log Type 1 (12 Inch)	700.000 LF	7.00000	4,900.00	38.00000	26,600.00	32.00000	22,400.00
208-00035	Aggregate Bag	700.000 LF	9.00000	6,300.00	41.00000	28,700.00	20.00000	14,000.00
208-00045	Concrete Washout Structure	7.000 EACH	800.00000	5,600.00	2,550.00000	17,850.00	1,155.00000	8,085.00
212-00006	Seeding (Native)	0.770 ACRE	3,900.00000	3,003.00	1,250.00000	962.50	4,503.00000	3,467.31
212-00032	Soil Conditioning	0.770 ACRE	9,250.00000	7,122.50	9,500.00000	7,315.00	10,818.00000	8,329.86
213-00012	Spray-on Mulch Blanket	0.770 ACRE	7,800.00000	6,006.00	8,350.00000	6,429.50	9,135.00000	7,033.95
503-00036	Drilled Shaft (36 Inch)	126.000 LF	711.00000	89,586.00	565.00000	71,190.00	325.00000	40,950.00
503-00048	Drilled Shaft (48 Inch)	224.000 LF	725.00000	162,400.00	805.00000	180,320.00	499.00000	111,776.00
606-00301	Guardrail Type 3 (6-3 Post Spacing)	1,260.000 LF	40.00000	50,400.00	43.00000	54,180.00	50.00000	63,000.00
606-01340	End Anchorage Type 3D	7.000 EACH	1,254.00000	8,778.00	1,475.00000	10,325.00	2,282.00000	15,974.00
606-02005	End Anchorage (Flared)	7.000 EACH	2,742.00000	19,194.00	3,000.00000	21,000.00	3,858.00000	27,006.00
607-11525	Fence (Plastic)	500.000 LF	5.00000	2,500.00	5.00000	2,500.00	5.00000	2,500.00
612-00260	Location Marker (Fiber Optic)(Dome)	7.000 EACH	100.00000	700.00	140.00000	980.00	90.00000	630.00
613-00050	1/2 Inch Electrical Conduit	345.000 LF	15.00000	5,175.00	61.00000	21,045.00	11.00000	3,795.00

Tabulation of Bids

Contract ID: C22704

Item Code	Description	Quantity	(3) 1476A MORTON ELECTRIC, INC.		(4) 720A STURGEON ELECTRIC COMPANY, INC		(5) 697A W.L. CONTRACTORS, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS				LCC:		
613-00200	2 Inch Electrical Conduit	35.000 LF	50.00000	1,750.00	110.00000	3,850.00	60.00000	2,100.00
613-00306	3 Inch Electrical Conduit (Bored)	380.000 LF	26.00000	9,880.00	43.00000	16,340.00	35.00000	13,300.00
613-01200	2 Inch Electrical Conduit (Plastic)	1,920.000 LF	13.25000	25,440.00	16.50000	31,680.00	11.00000	21,120.00
613-01300	3 Inch Electrical Conduit (Plastic)	1,200.000 LF	14.00000	16,800.00	17.50000	21,000.00	13.00000	15,600.00
613-04200	2 Inch Electrical Conduit (Liquidtight Flexible Metal)	42.000 LF	56.00000	2,352.00	98.00000	4,116.00	10.00000	420.00
613-07002	Type Two Pull Box	10.000 EACH	943.00000	9,430.00	1,375.00000	13,750.00	1,000.00000	10,000.00
613-07011	Pull Box (11"x18"x12")	7.000 EACH	826.00000	5,782.00	1,275.00000	8,925.00	685.00000	4,795.00
613-07023	Pull Box (24"x36"x24")	7.000 EACH	1,591.00000	11,137.00	2,475.00000	17,325.00	1,585.00000	11,095.00
613-10000	Wiring	1.000 L S	80,000.00000	80,000.00	125,500.00000	125,500.00	81,400.00000	81,400.00
613-40000	Concrete Foundation Pad	2.000 EACH	600.00000	1,200.00	3,250.00000	6,500.00	890.00000	1,780.00
613-50105	Lighting Control Center (Pedestal Only)	2.000 EACH	6,000.00000	12,000.00	7,500.00000	15,000.00	2,300.00000	4,600.00
613-80130	Service Meter Cabinet	5.000 EACH	5,000.00000	25,000.00	4,250.00000	21,250.00	14,300.00000	71,500.00
613-80274	Structure Mounted Disconnect Switch	7.000 EACH	2,000.00000	14,000.00	2,700.00000	18,900.00	2,150.00000	15,050.00
613-81700	Safety Switch NEMA 3R, 60A, 2-pole, 240 V f(for VMS Maint Disconnect	7.000 EACH	600.00000	4,200.00	2,700.00000	18,900.00	420.00000	2,940.00
614-10147	Variable Message Sign LED (Overhead)	7.000 EACH	65,135.00000	455,945.00	72,750.00000	509,250.00	75,056.00000	525,392.00

Tabulation of Bids

Contract ID: C22704

Item Code	Description	Quantity	(3) 1476A MORTON ELECTRIC, INC.		(4) 720A STURGEON ELECTRIC COMPANY, INC		(5) 697A W.L. CONTRACTORS, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS			LCC:			
614-42500	Monotube Overhead Sign Bridge (Install Only)	7.000 EACH	12,000.00000	84,000.00	10,750.00000	75,250.00	15,000.00000	105,000.00
614-72832	Communications Cabinet (Type 2)	7.000 EACH	10,557.00000	73,899.00	24,500.00000	171,500.00	12,476.00000	87,332.00
614-86105	Telemetry (Field)	7.000 EACH	2,800.00000	19,600.00	1,350.00000	9,450.00	11,155.00000	78,085.00
614-86741	Weather Monitoring System	2.000 EACH	54,500.00000	109,000.00	53,500.00000	107,000.00	58,000.00000	116,000.00
614-87320	Closed Circuit Television	7.000 EACH	4,320.00000	30,240.00	4,500.00000	31,500.00	7,100.00000	49,700.00
614-87364	Closed Circuit Television Pole with Lowering Device (50 Feet)	7.000 EACH	25,830.00000	180,810.00	16,630.00000	116,410.00	17,050.00000	119,350.00
620-00020	Sanitary Facility	1.000 EACH	2,500.00000	2,500.00	11,000.00000	11,000.00	1,500.00000	1,500.00
625-00000	Construction Surveying	1.000 L S	30,000.00000	30,000.00	17,250.00000	17,250.00	20,000.00000	20,000.00
626-00000	Mobilization	1.000 L S	229,903.00000	229,903.00	182,000.00000	182,000.00	508,693.00000	508,693.00
630-00000	Flagging	300.000 HOUR	31.50000	9,450.00	30.00000	9,000.00	35.00000	10,500.00
630-00003	Uniformed Traffic Control	70.000 HOUR	179.00000	12,530.00	250.00000	17,500.00	160.00000	11,200.00
630-00007	Traffic Control Inspection	25.000 DAY	440.00000	11,000.00	140.00000	3,500.00	1,202.00000	30,050.00
630-00012	Traffic Control Management	75.000 DAY	900.00000	67,500.00	1,250.00000	93,750.00	64.00000	4,800.00
630-80001	Flashing Beacon (Portable)	8.000 EACH	1,200.00000	9,600.00	60.00000	480.00	19.00000	152.00
630-80335	Barricade (Type 3 M-A) (Temporary)	3.000 EACH	300.00000	900.00	18.00000	54.00	58.00000	174.00

Tabulation of Bids

Contract ID: C22704

Item Code	Description	Quantity	(3) 1476A MORTON ELECTRIC, INC.		(4) 720A STURGEON ELECTRIC COMPANY, INC		(5) 697A W.L. CONTRACTORS, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS						
						LCC:		
630-80341	Construction Traffic Sign (Panel Size A)	82.000 EACH	66.00000	5,412.00	50.00000	4,100.00	147.00000	12,054.00
630-80342	Construction Traffic Sign (Panel Size B)	8.000 EACH	71.50000	572.00	130.00000	1,040.00	19.00000	152.00
630-80343	Construction Traffic Sign (Panel Size C)	14.000 EACH	82.00000	1,148.00	17.00000	238.00	1,285.00000	17,990.00
630-80355	Portable Message Sign Panel	1.000 EACH	6,500.00000	6,500.00	5,000.00000	5,000.00	85.00000	85.00
630-80358	Advance Warning Flashing or Sequencing Arrow Panel (C Type)	2.000 EACH	2,500.00000	5,000.00	1,200.00000	2,400.00	1,285.00000	2,570.00
630-80363	Drum Channelizing Device (With Light) (Flashing)	55.000 EACH	66.00000	3,630.00	40.00000	2,200.00	45.00000	2,475.00
630-80380	Traffic Cone	130.000 EACH	10.00000	1,300.00	18.00000	2,340.00	19.00000	2,470.00
630-85040	Impact Attenuator (Truck Mounted Attenuator) (Temporary)	1.000 EACH	37,000.00000	37,000.00	22,000.00000	22,000.00	25,720.00000	25,720.00
Section Totals:				\$2,003,904.50		\$2,222,495.00		\$2,348,341.12
Contract Grand Totals				\$2,003,904.50		\$2,222,495.00		\$2,348,341.12

Colorado Department Of Transportation

Printed On: 08/01/2019

Low Bid Item Analysis

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Contract ID: C22704

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0005	201-00000 Clearing and Grubbing	1.000	10,000.00000	1,186.00000 L S	10,000.00	1,186.00	11.86%	-8,814.00
0010	203-01597 Potholing	70.000	250.00000	21.91000 HOUR	17,500.00	1,533.70	8.76%	-15,966.30
0015	208-00002 Erosion Log Type 1 (12 Inch)	700.000	8.00000	6.00000 LF	5,600.00	4,200.00	75.00%	-1,400.00
0020	208-00035 Aggregate Bag	700.000	10.00000	10.00000 LF	7,000.00	7,000.00	100.00%	0.00
0025	208-00045 Concrete Washout Structure	7.000	1,350.00000	230.00000 EACH	9,450.00	1,610.00	17.04%	-7,840.00
0030	212-00006 Seeding (Native)	0.770	1,000.00000	1,077.00000 ACRE	770.00	829.29	107.70%	59.29
0035	212-00032 Soil Conditioning	0.770	2,650.00000	9,667.00000 ACRE	2,040.50	7,443.59	364.79%	5,403.09
0040	213-00012 Spray-on Mulch Blanket	0.770	3,200.00000	8,463.00000 ACRE	2,464.00	6,516.51	264.47%	4,052.51
0045	503-00036 Drilled Shaft (36 Inch)	126.000	460.00000	331.00000 LF	57,960.00	41,706.00	71.96%	-16,254.00
0050	503-00048 Drilled Shaft (48 Inch)	224.000	700.00000	388.00000 LF	156,800.00	86,912.00	55.43%	-69,888.00
0055	606-00301 Guardrail Type 3 (6-3 Post Spacing)	1,260.000	45.00000	46.00000 LF	56,700.00	57,960.00	102.22%	1,260.00
0060	606-01340 End Anchorage Type 3D	7.000	2,500.00000	2,042.00000 EACH	17,500.00	14,294.00	81.68%	-3,206.00

Colorado Department Of Transportation

Printed On: 08/01/2019

Low Bid Item Analysis

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Contract ID: C22704

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0065	606-02005 End Anchorage (Flared)	7.000	3,500.00000	3,450.00000 EACH	24,500.00	24,150.00	98.57%	-350.00
0070	607-11525 Fence (Plastic)	500.000	4.00000	5.00000 LF	2,000.00	2,500.00	125.00%	500.00
0075	612-00260 Location Marker (Fiber Optic)(Dome)	7.000	130.00000	54.00000 EACH	910.00	378.00	41.54%	-532.00
0080	613-00050 1/2 Inch Electrical Conduit	345.000	12.50000	17.00000 LF	4,312.50	5,865.00	136.00%	1,552.50
0085	613-00200 2 Inch Electrical Conduit	35.000	19.00000	67.00000 LF	665.00	2,345.00	352.63%	1,680.00
0090	613-00306 3 Inch Electrical Conduit (Bored)	380.000	25.00000	33.00000 LF	9,500.00	12,540.00	132.00%	3,040.00
0095	613-01200 2 Inch Electrical Conduit (Plastic)	1,920.000	15.00000	11.00000 LF	28,800.00	21,120.00	73.33%	-7,680.00
0100	613-01300 3 Inch Electrical Conduit (Plastic)	1,200.000	16.00000	9.00000 LF	19,200.00	10,800.00	56.25%	-8,400.00
0105	613-04200 2 Inch Electrical Conduit (Liquidtight Flexible Metal)	42.000	25.00000	1.00000 LF	1,050.00	42.00	4.00%	-1,008.00
0110	613-07002 Type Two Pull Box	10.000	825.00000	874.00000 EACH	8,250.00	8,740.00	105.94%	490.00
0115	613-07011 Pull Box (11"x18"x12")	7.000	600.00000	769.00000 EACH	4,200.00	5,383.00	128.17%	1,183.00
0120	613-07023 Pull Box (24"x36"x24")	7.000	1,750.00000	1,683.00000 EACH	12,250.00	11,781.00	96.17%	-469.00

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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	BID ITEMS						
0125	613-10000 Wiring	1.000	50,000.00000	69,112.00000 L S	50,000.00	69,112.00	138.22%	19,112.00
0130	613-40000 Concrete Foundation Pad	2.000	1,000.00000	1,153.00000 EACH	2,000.00	2,306.00	115.30%	306.00
0135	613-50105 Lighting Control Center (Pedestal Only)	2.000	6,500.00000	5,627.00000 EACH	13,000.00	11,254.00	86.57%	-1,746.00
0140	613-80130 Service Meter Cabinet	5.000	5,500.00000	989.00000 EACH	27,500.00	4,945.00	17.98%	-22,555.00
0145	613-80274 Structure Mounted Disconnect Switch	7.000	1,200.00000	616.00000 EACH	8,400.00	4,312.00	51.33%	-4,088.00
0150	613-81700 Safety Switch NEMA 3R, 60A, 2-pole, 240 V f(for VMS Maint Disconnect	7.000	1,250.00000	616.00000 EACH	8,750.00	4,312.00	49.28%	-4,438.00
0155	614-10147 Variable Message Sign LED (Overhead)	7.000	67,500.00000	69,698.00000 EACH	472,500.00	487,886.00	103.26%	15,386.00
0160	614-42500 Monotube Overhead Sign Bridge (Install Only)	7.000	15,000.00000	10.00000 EACH	105,000.00	70.00	0.07%	-104,930.00
0165	614-72832 Communications Cabinet (Type 2)	7.000	12,500.00000	9,920.00000 EACH	87,500.00	69,440.00	79.36%	-18,060.00
0170	614-86105 Telemetry (Field)	7.000	2,000.00000	2,621.00000 EACH	14,000.00	18,347.00	131.05%	4,347.00
0175	614-86741 Weather Monitoring System	2.000	55,000.00000	53,611.00000 EACH	110,000.00	107,222.00	97.47%	-2,778.00
0180	614-87320 Closed Circuit Television	7.000	5,000.00000	3,939.00000 EACH	35,000.00	27,573.00	78.78%	-7,427.00

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Low Bid Item Analysis

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Contract ID: C22704

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0185	614-87364 Closed Circuit Television Pole with Lowering Device (50 Feet)	7.000	22,600.00000	15,769.00000 EACH	158,200.00	110,383.00	69.77%	-47,817.00
0190	620-00020 Sanitary Facility	1.000	2,000.00000	921.00000 EACH	2,000.00	921.00	46.05%	-1,079.00
0195	625-00000 Construction Surveying	1.000	15,000.00000	16,905.00000 L S	15,000.00	16,905.00	112.70%	1,905.00
0200	626-00000 Mobilization	1.000	165,000.00000	101,587.91000 L S	165,000.00	101,587.91	61.57%	-63,412.09
0205	630-00000 Flagging	300.000	30.00000	3.00000 HOUR	9,000.00	900.00	10.00%	-8,100.00
0210	630-00003 Uniformed Traffic Control	70.000	150.00000	115.00000 HOUR	10,500.00	8,050.00	76.67%	-2,450.00
0215	630-00007 Traffic Control Inspection	25.000	200.00000	25.00000 DAY	5,000.00	625.00	12.50%	-4,375.00
0220	630-00012 Traffic Control Management	75.000	800.00000	883.00000 DAY	60,000.00	66,225.00	110.38%	6,225.00
0225	630-80001 Flashing Beacon (Portable)	8.000	1,000.00000	115.00000 EACH	8,000.00	920.00	11.50%	-7,080.00
0230	630-80335 Barricade (Type 3 M-A) (Temporary)	3.000	160.00000	115.00000 EACH	480.00	345.00	71.88%	-135.00
0235	630-80341 Construction Traffic Sign (Panel Size A)	82.000	48.00000	12.00000 EACH	3,936.00	984.00	25.00%	-2,952.00
0240	630-80342 Construction Traffic Sign (Panel Size B)	8.000	65.00000	600.00000 EACH	520.00	4,800.00	923.08%	4,280.00

Low Bid Item Analysis

Contract ID: C22704

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0245	630-80343 Construction Traffic Sign (Panel Size C)	14.000	85.00000	600.00000 EACH	1,190.00	8,400.00	705.88%	7,210.00
0250	630-80355 Portable Message Sign Panel	1.000	6,000.00000	5,750.00000 EACH	6,000.00	5,750.00	95.83%	-250.00
0255	630-80358 Advance Warning Flashing or Sequencing Arrow Panel (C Type)	2.000	2,000.00000	575.00000 EACH	4,000.00	1,150.00	28.75%	-2,850.00
0260	630-80363 Drum Channelizing Device (With Light) (Flashing)	55.000	41.00000	115.00000 EACH	2,255.00	6,325.00	280.49%	4,070.00
0265	630-80380 Traffic Cone	130.000	8.00000	2.00000 EACH	1,040.00	260.00	25.00%	-780.00
0270	630-85040 Impact Attenuator (Truck Mounted Attenuator) (Temporary)	1.000	25,000.00000	54,855.00000 EACH	25,000.00	54,855.00	219.42%	29,855.00
Section 0001 Subtotal					\$1,870,193.00	\$1,533,000.00	81.97%	-\$337,193.00
Contract Total for Calculated Low Bidders Bid Items					\$1,870,193.00	\$1,533,000.00	81.97%	-\$337,193.00