

Colorado Department Of Transportation

Printed On: 07/11/2019

Low Bid Summary

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Letting Date: July 11, 2019

Call Order	Contract ID	Project(s)	# of Bids	Low Bidder	Estimated Cost	Corrected Bid	Percent of Estimate	Overrun (+) Underrun (-)
003	C22809	NHPPR500-207	4	MORTON ELECTRIC, INC.	\$1,200,241.00	\$917,183.00	76.42%	-\$283,058.00
Letting Totals			4		\$1,200,241.00	\$917,183.00	76.42%	-\$283,058.00

Vendor Ranking

Contract ID: C22809

Contract Description:

This project involves the installation of new lighting at seven chain station locations throughout Region 5. One location will include solar collection systems in order to power the lights.

Rank	Vendor ID	Vendor Name	Total Bid	Percent Of Low Bid	Percent Of Estimate
1	1476A	MORTON ELECTRIC, INC.	\$917,183.00	100.00%	76.42%
2	1666A	Bixby Electric, Inc.	\$1,094,452.50	119.33%	91.19%
3	1231A	INTERFACE COMMUNICATIONS COMPANY	\$1,127,818.00	122.97%	93.97%
0	-EST-	Engineer's Estimate	\$1,200,241.00	130.86%	100.00%
4	178A	MAIN ELECTRIC LTD	\$1,276,816.37	139.21%	106.38%

Tabulation of Bids

Contract ID: C22809

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1476A MORTON ELECTRIC, INC.		(2) 1666A Bixby Electric, Inc.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items					LCC:		
202-00045	Removal of Electrical Equipment	43.000 LF	2.00000	86.00	55.00000	2,365.00	21.00000	903.00
202-01000	Removal of Fence	541.000 LF	5.00000	2,705.00	7.00000	3,787.00	3.00000	1,623.00
202-01030	Removal of Road Closure Gate	1.000 EACH	1,500.00000	1,500.00	1,200.00000	1,200.00	900.00000	900.00
203-01597	Potholing	40.000 HOUR	350.00000	14,000.00	250.00000	10,000.00	407.00000	16,280.00
208-00035	Aggregate Bag	500.000 LF	10.00000	5,000.00	9.00000	4,500.00	10.00000	5,000.00
208-00046	Pre-fabricated Concrete Washout Structure (Type 1)	7.000 EACH	1,500.00000	10,500.00	400.00000	2,800.00	700.00000	4,900.00
208-00103	Removal and Disposal of Sediment (Labor)	10.000 HOUR	50.00000	500.00	50.00000	500.00	101.00000	1,010.00
208-00106	Sweeping (Sediment Removal)	10.000 HOUR	200.00000	2,000.00	50.00000	500.00	100.00000	1,000.00
240-00000	Wildlife Biologist	40.000 HOUR	150.00000	6,000.00	187.00000	7,480.00	214.00000	8,560.00
250-00010	Environmental Health and Safety Management	1.000 L S	6,500.00000	6,500.00	4,620.00000	4,620.00	3,900.00000	3,900.00
250-00050	Monitoring Technician	40.000 HOUR	150.00000	6,000.00	161.00000	6,440.00	190.00000	7,600.00
250-00120	Material Sampling and Delivery	2.000 EACH	400.00000	800.00	198.00000	396.00	320.00000	640.00
250-00200	Material Handling (Stockpile)	10.000 CY	500.00000	5,000.00	300.00000	3,000.00	60.00000	600.00
250-00210	Solid Waste Disposal	10.000 CY	200.00000	2,000.00	88.00000	880.00	115.00000	1,150.00
503-00024	Drilled Shaft (24 Inch)	30.000 LF	700.00000	21,000.00	300.00000	9,000.00	225.00000	6,750.00

Tabulation of Bids

Contract ID: C22809

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1476A MORTON ELECTRIC, INC.		(2) 1666A Bixby Electric, Inc.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items				LCC:			
607-11525	Fence (Plastic)	300.000 LF	5.00000	1,500.00	5.00000	1,500.00	11.00000	3,300.00
607-60620	Road Closure Gate	1.000 EACH	15,000.00000	15,000.00	13,000.00000	13,000.00	29,000.00000	29,000.00
613-00200	2 Inch Electrical Conduit	5,220.000 LF	30.00000	156,600.00	20.00000	104,400.00	25.00000	130,500.00
613-00206	2 Inch Electrical Conduit (Bored)	250.000 LF	50.00000	12,500.00	56.00000	14,000.00	63.00000	15,750.00
613-10000	Wiring	1.000 L S	100,000.00000	100,000.00	35,000.00000	35,000.00	52,000.00000	52,000.00
613-13010	Luminaire(LED)(5000 Lumens)	48.000 EACH	1,000.00000	48,000.00	883.00000	42,384.00	880.00000	42,240.00
613-30352	Light Standard Aluminum (35 Foot) (2-Arm)	36.000 EACH	7,000.00000	252,000.00	3,566.00000	128,376.00	5,600.00000	201,600.00
613-40012	Light Standard Foundation Special	36.000 EACH	3,000.00000	108,000.00	1,800.00000	64,800.00	2,516.00000	90,576.00
613-50375	Solar Collection System	6.000 EACH	20,000.00000	120,000.00	27,560.00000	165,360.00	32,000.00000	192,000.00
614-84000	Traffic Signal Pedestal Pole Steel	6.000 EACH	4,000.00000	24,000.00	2,700.00000	16,200.00	3,198.00000	19,188.00
620-00020	Sanitary Facility	3.000 EACH	2,000.00000	6,000.00	1,200.00000	3,600.00	777.00000	2,331.00
625-00000	Construction Surveying	1.000 L S	30,000.00000	30,000.00	30,000.00000	30,000.00	23,490.00000	23,490.00
626-00000	Mobilization	1.000 L S	130,000.00000	130,000.00	149,675.00000	149,675.00	100,000.00000	100,000.00
626-01104	Public Information Services (Tier IV)	1.000 L S	8,000.00000	8,000.00	3,575.00000	3,575.00	9,160.00000	9,160.00
630-00000	Flagging	400.000 HOUR	30.00000	12,000.00	30.00000	12,000.00	28.00000	11,200.00
630-00007	Traffic Control Inspection	32.000 DAY	120.00000	3,840.00	220.00000	7,040.00	167.00000	5,344.00

Tabulation of Bids

Contract ID: C22809

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1476A MORTON ELECTRIC, INC.		(2) 1666A Bixby Electric, Inc.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items				LCC:			
630-00012	Traffic Control Management	80.000 DAY	850.00000	68,000.00	660.00000	52,800.00	763.00000	61,040.00
630-80341	Construction Traffic Sign (Panel Size A)	60.000 EACH	35.00000	2,100.00	27.50000	1,650.00	45.00000	2,700.00
630-80342	Construction Traffic Sign (Panel Size B)	24.000 EACH	40.00000	960.00	55.00000	1,320.00	45.00000	1,080.00
630-80355	Portable Message Sign Panel	6.000 EACH	2,500.00000	15,000.00	1,320.00000	7,920.00	6,250.00000	37,500.00
630-80360	Drum Channelizing Device	75.000 EACH	22.00000	1,650.00	33.00000	2,475.00	38.50000	2,887.50
630-80380	Traffic Cone	300.000 EACH	5.00000	1,500.00	8.80000	2,640.00	2.50000	750.00
Section Totals:				\$1,200,241.00		\$917,183.00		\$1,094,452.50
Contract Grand Totals				\$1,200,241.00		\$917,183.00		\$1,094,452.50

Tabulation of Bids

Contract ID: C22809

Item Code	Description	Quantity	(3) 1231A INTERFACE COMMUNICATIONS		(4) 178A MAIN ELECTRIC LTD			
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items							LCC:
202-00045	Removal of Electrical Equipment	43.000 LF	17.00000	731.00	77.11000	3,315.73		
202-01000	Removal of Fence	541.000 LF	3.00000	1,623.00	12.28000	6,643.48		
202-01030	Removal of Road Closure Gate	1.000 EACH	1,041.00000	1,041.00	1,060.00000	1,060.00		
203-01597	Potholing	40.000 HOUR	507.00000	20,280.00	270.00000	10,800.00		
208-00035	Aggregate Bag	500.000 LF	10.00000	5,000.00	10.96000	5,480.00		
208-00046	Pre-fabricated Concrete Washout Structure (Type 1)	7.000 EACH	359.00000	2,513.00	1,060.57000	7,423.99		
208-00103	Removal and Disposal of Sediment (Labor)	10.000 HOUR	43.00000	430.00	83.00000	830.00		
208-00106	Sweeping (Sediment Removal)	10.000 HOUR	370.00000	3,700.00	125.80000	1,258.00		
240-00000	Wildlife Biologist	40.000 HOUR	153.00000	6,120.00	171.20000	6,848.00		
250-00010	Environmental Health and Safety Management	1.000 L S	6,511.00000	6,511.00	5,986.00000	5,986.00		
250-00050	Monitoring Technician	40.000 HOUR	164.00000	6,560.00	207.83000	8,313.20		
250-00120	Material Sampling and Delivery	2.000 EACH	298.00000	596.00	312.00000	624.00		
250-00200	Material Handling (Stockpile)	10.000 CY	238.00000	2,380.00	83.00000	830.00		
250-00210	Solid Waste Disposal	10.000 CY	108.00000	1,080.00	141.10000	1,411.00		
503-00024	Drilled Shaft (24 Inch)	30.000 LF	696.00000	20,880.00	301.90000	9,057.00		

Tabulation of Bids

Contract ID: C22809

Item Code	Description	Quantity	(3) 1231A INTERFACE COMMUNICATIONS COMPANY		(4) 178A MAIN ELECTRIC LTD			
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items							
								LCC:
607-11525	Fence (Plastic)	300.000 LF	5.00000	1,500.00	3.68000	1,104.00		
607-60620	Road Closure Gate	1.000 EACH	17,472.00000	17,472.00	18,983.00000	18,983.00		
613-00200	2 Inch Electrical Conduit	5,220.000 LF	39.00000	203,580.00	23.12000	120,686.40		
613-00206	2 Inch Electrical Conduit (Bored)	250.000 LF	111.00000	27,750.00	49.89000	12,472.50		
613-10000	Wiring	1.000 L S	97,529.00000	97,529.00	163,000.00000	163,000.00		
613-13010	Luminaire(LED)(5000 Lumens)	48.000 EACH	954.00000	45,792.00	760.81000	36,518.88		
613-30352	Light Standard Aluminum (35 Foot) (2-Arm)	36.000 EACH	4,355.00000	156,780.00	4,045.00000	145,620.00		
613-40012	Light Standard Foundation Special	36.000 EACH	4,325.00000	155,700.00	1,443.20000	51,955.20		
613-50375	Solar Collection System	6.000 EACH	14,212.00000	85,272.00	18,032.00000	108,192.00		
614-84000	Traffic Signal Pedestal Pole Steel	6.000 EACH	1,894.00000	11,364.00	20,543.00000	123,258.00		
620-00020	Sanitary Facility	3.000 EACH	1,428.00000	4,284.00	1,924.33000	5,772.99		
625-00000	Construction Surveying	1.000 L S	20,825.00000	20,825.00	30,645.00000	30,645.00		
626-00000	Mobilization	1.000 L S	124,989.00000	124,989.00	260,981.00000	260,981.00		
626-01104	Public Information Services (Tier IV)	1.000 L S	3,868.00000	3,868.00	3,091.00000	3,091.00		
630-00000	Flagging	400.000 HOUR	3.00000	1,200.00	41.34000	16,536.00		

Tabulation of Bids

Contract ID: C22809

Item Code	Description	Quantity	(3) 1231A INTERFACE COMMUNICATIONS COMPANY		(4) 178A MAIN ELECTRIC LTD			
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items							
630-00007	Traffic Control Inspection	32.000 DAY	292.00000	9,344.00	350.00000	11,200.00		
630-00012	Traffic Control Management	80.000 DAY	827.00000	66,160.00	991.00000	79,280.00		
630-80341	Construction Traffic Sign (Panel Size A)	60.000 EACH	24.00000	1,440.00	28.50000	1,710.00		
630-80342	Construction Traffic Sign (Panel Size B)	24.000 EACH	36.00000	864.00	42.75000	1,026.00		
630-80355	Portable Message Sign Panel	6.000 EACH	1,785.00000	10,710.00	2,138.00000	12,828.00		
630-80360	Drum Channelizing Device	75.000 EACH	18.00000	1,350.00	22.00000	1,650.00		
630-80380	Traffic Cone	300.000 EACH	2.00000	600.00	1.42000	426.00		
Section Totals:				\$1,127,818.00		\$1,276,816.37		
Contract Grand Totals				\$1,127,818.00		\$1,276,816.37		

Colorado Department Of Transportation

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Low Bid Item Analysis

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Contract ID: C22809

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	Bid Items						
0005	202-00045 Removal of Electrical Equipment	43.000	2.00000	55.00000 LF	86.00	2,365.00	2750.00%	2,279.00
0010	202-01000 Removal of Fence	541.000	5.00000	7.00000 LF	2,705.00	3,787.00	140.00%	1,082.00
0015	202-01030 Removal of Road Closure Gate	1.000	1,500.00000	1,200.00000 EACH	1,500.00	1,200.00	80.00%	-300.00
0020	203-01597 Potholing	40.000	350.00000	250.00000 HOUR	14,000.00	10,000.00	71.43%	-4,000.00
0025	208-00035 Aggregate Bag	500.000	10.00000	9.00000 LF	5,000.00	4,500.00	90.00%	-500.00
0030	208-00046 Pre-fabricated Concrete Washout Structure (Type 1)	7.000	1,500.00000	400.00000 EACH	10,500.00	2,800.00	26.67%	-7,700.00
0035	208-00103 Removal and Disposal of Sediment (Labor)	10.000	50.00000	50.00000 HOUR	500.00	500.00	100.00%	0.00
0040	208-00106 Sweeping (Sediment Removal)	10.000	200.00000	50.00000 HOUR	2,000.00	500.00	25.00%	-1,500.00
0045	240-00000 Wildlife Biologist	40.000	150.00000	187.00000 HOUR	6,000.00	7,480.00	124.67%	1,480.00
0050	250-00010 Environmental Health and Safety Management	1.000	6,500.00000	4,620.00000 L S	6,500.00	4,620.00	71.08%	-1,880.00
0055	250-00050 Monitoring Technician	40.000	150.00000	161.00000 HOUR	6,000.00	6,440.00	107.33%	440.00
0060	250-00120 Material Sampling and Delivery	2.000	400.00000	198.00000 EACH	800.00	396.00	49.50%	-404.00

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Low Bid Item Analysis

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Contract ID: C22809

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	Bid Items						
0065	250-00200 Material Handling (Stockpile)	10.000	500.00000	300.00000 CY	5,000.00	3,000.00	60.00%	-2,000.00
0070	250-00210 Solid Waste Disposal	10.000	200.00000	88.00000 CY	2,000.00	880.00	44.00%	-1,120.00
0075	503-00024 Drilled Shaft (24 Inch)	30.000	700.00000	300.00000 LF	21,000.00	9,000.00	42.86%	-12,000.00
0080	607-11525 Fence (Plastic)	300.000	5.00000	5.00000 LF	1,500.00	1,500.00	100.00%	0.00
0085	607-60620 Road Closure Gate	1.000	15,000.00000	13,000.00000 EACH	15,000.00	13,000.00	86.67%	-2,000.00
0090	613-00200 2 Inch Electrical Conduit	5,220.000	30.00000	20.00000 LF	156,600.00	104,400.00	66.67%	-52,200.00
0095	613-00206 2 Inch Electrical Conduit (Bored)	250.000	50.00000	56.00000 LF	12,500.00	14,000.00	112.00%	1,500.00
0100	613-10000 Wiring	1.000	100,000.00000	35,000.00000 L S	100,000.00	35,000.00	35.00%	-65,000.00
0105	613-13010 Luminaire(LED)(5000 Lumens)	48.000	1,000.00000	883.00000 EACH	48,000.00	42,384.00	88.30%	-5,616.00
0110	613-30352 Light Standard Aluminum (35 Foot) (2-Arm)	36.000	7,000.00000	3,566.00000 EACH	252,000.00	128,376.00	50.94%	-123,624.00
0115	613-40012 Light Standard Foundation Special	36.000	3,000.00000	1,800.00000 EACH	108,000.00	64,800.00	60.00%	-43,200.00
0120	613-50375 Solar Collection System	6.000	20,000.00000	27,560.00000 EACH	120,000.00	165,360.00	137.80%	45,360.00

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Low Bid Item Analysis

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Contract ID: C22809

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	Bid Items						
0125	614-84000 Traffic Signal Pedestal Pole Steel	6.000	4,000.00000	2,700.00000 EACH	24,000.00	16,200.00	67.50%	-7,800.00
0130	620-00020 Sanitary Facility	3.000	2,000.00000	1,200.00000 EACH	6,000.00	3,600.00	60.00%	-2,400.00
0135	625-00000 Construction Surveying	1.000	30,000.00000	30,000.00000 L S	30,000.00	30,000.00	100.00%	0.00
0140	626-00000 Mobilization	1.000	130,000.00000	149,675.00000 L S	130,000.00	149,675.00	115.13%	19,675.00
0145	626-01104 Public Information Services (Tier IV)	1.000	8,000.00000	3,575.00000 L S	8,000.00	3,575.00	44.69%	-4,425.00
0150	630-00000 Flagging	400.000	30.00000	30.00000 HOUR	12,000.00	12,000.00	100.00%	0.00
0155	630-00007 Traffic Control Inspection	32.000	120.00000	220.00000 DAY	3,840.00	7,040.00	183.33%	3,200.00
0160	630-00012 Traffic Control Management	80.000	850.00000	660.00000 DAY	68,000.00	52,800.00	77.65%	-15,200.00
0165	630-80341 Construction Traffic Sign (Panel Size A)	60.000	35.00000	27.50000 EACH	2,100.00	1,650.00	78.57%	-450.00
0170	630-80342 Construction Traffic Sign (Panel Size B)	24.000	40.00000	55.00000 EACH	960.00	1,320.00	137.50%	360.00
0175	630-80355 Portable Message Sign Panel	6.000	2,500.00000	1,320.00000 EACH	15,000.00	7,920.00	52.80%	-7,080.00
0180	630-80360 Drum Channelizing Device	75.000	22.00000	33.00000 EACH	1,650.00	2,475.00	150.00%	825.00

Low Bid Item Analysis

Contract ID: C22809

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	Bid Items						
0185	630-80380 Traffic Cone	300.000	5.00000	8.80000 EACH	1,500.00	2,640.00	176.00%	1,140.00
Section 0001 Subtotal					\$1,200,241.00	\$917,183.00	76.42%	-\$283,058.00
Contract Total for Calculated Low Bidders Bid Items					\$1,200,241.00	\$917,183.00	76.42%	-\$283,058.00