

Colorado Department Of Transportation

Printed On: 08/04/2017

Low Bid Summary

Page 1 of 1

Letting Date: August 03, 2017

Call Order	Contract ID	Project(s)	# of Bids	Low Bidder	Estimated Cost	Corrected Bid	Percent of Estimate	Overrun (+) Underrun (-)
001	C19963	IM0762-052	6	DILLIE AND KUHN, INC	\$1,112,735.00	\$747,597.10	67.19%	-\$365,137.90
Letting Totals			6		\$1,112,735.00	\$747,597.10	67.19%	-\$365,137.90

Colorado Department Of Transportation

Printed On: 08/04/2017

Vendor Ranking

Page 1 of 1

Letting No: 20170803	Contract ID: C19963	Project(s): IM0762-052
Letting Date: August 03, 2017	Region: 4	
Letting Time: 10:00 AM	Contract Time: 85 WORKING DAYS	Counties: Various

Contract Description:

The project consists of furnishing and installing pull boxes, conduit, fiber optic cable, CCTV cameras, and associated communications equipment for CDOT.

Specifically, this project will include the installation of a fiber optic cable backbone along the north side of I-76, from MP 28.98 to MP 36.61. A fiber optic network will be established through means of Ethernet switches, node equipment, and lateral fiber optic cable. Cameras and lowering device poles will be installed. Additionally, an ITS infrastructure will be installed to support camera and fiber installation. This will include caissons, conduit, pull boxes, manholes and communications cabinets.

Rank	Vendor ID	Vendor Name	Total Bid	Percent Of Low Bid	Percent Of Estimate
1	1276A	DILLIE AND KUHN, INC	\$747,597.10	100.00%	67.19%
2	1507A	PAONIA, INC dba PAONIA, LLC	\$749,180.86	100.21%	67.33%
3	1231A	INTERFACE COMMUNICATIONS COMPANY	\$835,000.00	111.69%	75.04%
4	630A	L & M UNDERGROUND, INC.	\$1,076,100.00	143.94%	96.71%
5	1476A	MORTON ELECTRIC, INC.	\$1,086,214.80	145.29%	97.62%
0	-EST-	Engineer's Estimate	\$1,112,735.00	148.84%	100.00%
6	178A	MAIN ELECTRIC LTD	\$1,396,683.28	186.82%	125.52%

Tabulation of Bids

Letting No: 20170803
 Letting Date: August 03, 2017
 Letting Time: 10:00 AM

Contract ID: C19963
 Region: 4

Counties: Various

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1276A DILLIE AND KUHN, INC.		(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	6,000.00000	6,000.00	5,000.00000	5,000.00	2,500.00000	2,500.00
202-00870	Removal of Coordination Unit	1.000 EACH	100.00000	100.00	2,500.00000	2,500.00	2,000.00000	2,000.00
203-01597	Potholing	24.000 HOUR	180.00000	4,320.00	160.00000	3,840.00	150.00000	3,600.00
208-00002	Erosion Log Type 1 (12 Inch)	700.000 LF	5.00000	3,500.00	4.50000	3,150.00	8.00000	5,600.00
208-00035	Aggregate Bag	700.000 LF	10.00000	7,000.00	7.50000	5,250.00	5.00000	3,500.00
208-00045	Concrete Washout Structure	2.000 EACH	1,090.00000	2,180.00	500.00000	1,000.00	500.00000	1,000.00
212-00006	Seeding (Native)	2.400 ACRE	1,300.00000	3,120.00	2,000.00000	4,800.00	287.50000	690.00
212-00032	Soil Conditioning	2.400 ACRE	2,800.00000	6,720.00	2,300.00000	5,520.00	287.50000	690.00
213-00061	Mulch Tackifier	480.000 LB	3.00000	1,440.00	4.00000	1,920.00	2.30000	1,104.00
503-00024	Drilled Caisson (24 Inch)	26.000 LF	400.00000	10,400.00	425.00000	11,050.00	592.50000	15,405.00
604-39050	Manhole (Traffic Management System)	3.000 EACH	5,500.00000	16,500.00	7,500.00000	22,500.00	5,375.00000	16,125.00
607-11525	Fence (Plastic)	500.000 LF	5.00000	2,500.00	4.20000	2,100.00	5.45000	2,725.00
612-00260	Location Marker (Fiber Optic)(Dome)	43.000 EACH	60.00000	2,580.00	95.00000	4,085.00	76.31000	3,281.33
613-00050	1/2 Inch Electrical Conduit	10.000 LF	7.00000	70.00	18.00000	180.00	100.00000	1,000.00

Tabulation of Bids

Letting No: 20170803
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Contract ID: C19963
 Region: 4

Counties: Various

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1276A DILLIE AND KUHN, INC.		(2) 1507A PAONIA, INC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS							
						LCC:		
613-00200	2 Inch Electrical Conduit	10.000 LF	18.50000	185.00	24.00000	240.00	200.00000	2,000.00
613-00206	2 Inch Electrical Conduit (Bored)	13,540.000 LF	10.50000	142,170.00	5.83000	78,938.20	7.03000	95,186.20
613-00306	3 Inch Electrical Conduit (Bored)	300.000 LF	25.00000	7,500.00	13.65000	4,095.00	7.21000	2,163.00
613-01200	2 Inch Electrical Conduit (Plastic)	68,560.000 LF	7.00000	479,920.00	2.92000	200,195.20	3.23000	221,448.80
613-04125	1-1/4 Inch Electrical Conduit (Liquidtight Flexible Metal)	12.000 LF	15.00000	180.00	30.00000	360.00	100.00000	1,200.00
613-07002	Type Two Pull Box	9.000 EACH	900.00000	8,100.00	955.00000	8,595.00	825.00000	7,425.00
613-07023	Pull Box (24"x36"x24")	40.000 EACH	1,250.00000	50,000.00	1,392.00000	55,680.00	1,370.05000	54,802.00
613-10000	Wiring	1.000 L S	17,500.00000	17,500.00	8,500.00000	8,500.00	11,500.00000	11,500.00
613-10015	Breakaway Wiring System	2.000 EACH	1,300.00000	2,600.00	2,800.00000	5,600.00	5,300.00000	10,600.00
613-50106	Lighting Control Center (Special)	2.000 EACH	4,000.00000	8,000.00	5,600.00000	11,200.00	5,300.00000	10,600.00
613-80274	Structure Mounted Disconnect Switch	2.000 EACH	380.00000	760.00	2,500.00000	5,000.00	5,300.00000	10,600.00
614-72831	Communications Cabinet (Type 1)	1.000 EACH	11,000.00000	11,000.00	9,500.00000	9,500.00	10,377.50000	10,377.50
614-72832	Communications Cabinet (Type 2)	2.000 EACH	10,000.00000	20,000.00	10,200.00000	20,400.00	11,125.00000	22,250.00
614-87010	Fiber Optic Cable (Single Mode) (12 Fiber)	600.000 LF	8.00000	4,800.00	1.10000	660.00	4.32000	2,592.00

Tabulation of Bids

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Contract ID: C19963
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Counties: Various

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1276A DILLIE AND KUHN, INC.		(2) 1507A PAONIA, INC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS				LCC:			
614-87012	Fiber Optic Termination Panel (12 Fiber)	3.000 EACH	850.00000	2,550.00	1,200.00000	3,600.00	563.25000	1,689.75
614-87015	Buffer Tube Fan Out Kit	3.000 EACH	265.00000	795.00	120.00000	360.00	128.75000	386.25
614-87320	Closed Circuit Television	2.000 EACH	4,500.00000	9,000.00	4,200.00000	8,400.00	6,400.00000	12,800.00
614-87350	Test Fiber Optic Cable	1.000 L S	7,000.00000	7,000.00	7,000.00000	7,000.00	5,000.00000	5,000.00
614-87364	Closed Circuit Television Pole with Lowering Device (50 Feet)	1.000 EACH	18,000.00000	18,000.00	26,500.00000	26,500.00	28,706.73000	28,706.73
614-87404	Breakaway Tapered ITS Pole Steel (50 Feet)	1.000 EACH	10,000.00000	10,000.00	6,500.00000	6,500.00	16,500.00000	16,500.00
614-87496	Fiber Optic Cable (Single Mode) (96 Strands)	42,890.000 LF	2.30000	98,647.00	1.43000	61,332.70	1.97000	84,493.30
614-87691	Ethernet Switch Type I	2.000 EACH	4,500.00000	9,000.00	6,500.00000	13,000.00	4,972.50000	9,945.00
614-87692	Ethernet Switch Type II	1.000 EACH	5,250.00000	5,250.00	6,500.00000	6,500.00	5,950.00000	5,950.00
620-00020	Sanitary Facility	1.000 EACH	1,500.00000	1,500.00	1,500.00000	1,500.00	500.00000	500.00
626-00000	Mobilization	1.000 L S	65,000.00000	65,000.00	55,000.00000	55,000.00	11,200.00000	11,200.00
630-00000	Flagging	300.000 HOUR	27.00000	8,100.00	36.00000	10,800.00	5.00000	1,500.00
630-00007	Traffic Control Inspection	20.000 DAY	290.00000	5,800.00	65.00000	1,300.00	25.00000	500.00

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Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1276A DILLIE AND KUHN, INC.		(2) 1507A PAONIA, INC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS							
						LCC:		
630-00012	Traffic Control Management	50.000 DAY	720.00000	36,000.00	630.00000	31,500.00	750.00000	37,500.00
630-80001	Flashing Beacon (Portable)	6.000 EACH	800.00000	4,800.00	880.00000	5,280.00	250.00000	1,500.00
630-80335	Barricade (Type 3 M-A) (Temporary)	3.000 EACH	180.00000	540.00	50.00000	150.00	20.00000	60.00
630-80341	Construction Traffic Sign (Panel Size A)	36.000 EACH	21.00000	756.00	48.00000	1,728.00	25.00000	900.00
630-80342	Construction Traffic Sign (Panel Size B)	11.000 EACH	32.00000	352.00	48.00000	528.00	35.00000	385.00
630-80363	Drum Channelizing Device (With Light) (Flashing)	20.000 EACH	25.00000	500.00	38.00000	760.00	10.00000	200.00
630-85040	Impact Attenuator (Truck Mounted Attenuator) (Temporary)	1.000 EACH	10,000.00000	10,000.00	24,000.00000	24,000.00	7,500.00000	7,500.00
Section Totals:				\$1,112,735.00		\$747,597.10		\$749,180.86
Contract Grand Totals				\$1,112,735.00		\$747,597.10		\$749,180.86

Tabulation of Bids

Letting No: 20170803
 Letting Date: August 03, 2017
 Letting Time: 10:00 AM

Contract ID: C19963
 Region: 4

Counties: Various

Item Code	Description	Quantity	(3) 1231A INTERFACE COMMUNICATIONS		(4) 630A L & M UNDERGROUND, INC.		(5) 1476A MORTON ELECTRIC, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS						
					LCC:			
201-00000	Clearing and Grubbing	1.000 L S	757.00000	757.00	12,000.00000	12,000.00	1,200.00000	1,200.00
202-00870	Removal of Coordination Unit	1.000 EACH	102.00000	102.00	12,000.00000	12,000.00	2,500.00000	2,500.00
203-01597	Potholing	24.000 HOUR	167.00000	4,008.00	180.00000	4,320.00	200.00000	4,800.00
208-00002	Erosion Log Type 1 (12 Inch)	700.000 LF	4.72000	3,304.00	4.00000	2,800.00	5.00000	3,500.00
208-00035	Aggregate Bag	700.000 LF	7.22000	5,054.00	7.00000	4,900.00	9.00000	6,300.00
208-00045	Concrete Washout Structure	2.000 EACH	271.00000	542.00	150.00000	300.00	1,200.00000	2,400.00
212-00006	Seeding (Native)	2.400 ACRE	708.00000	1,699.20	2,000.00000	4,800.00	1,600.00000	3,840.00
212-00032	Soil Conditioning	2.400 ACRE	3,774.00000	9,057.60	2,000.00000	4,800.00	4,500.00000	10,800.00
213-00061	Mulch Tackifier	480.000 LB	3.22000	1,545.60	3.00000	1,440.00	9.00000	4,320.00
503-00024	Drilled Caisson (24 Inch)	26.000 LF	279.00000	7,254.00	600.00000	15,600.00	350.00000	9,100.00
604-39050	Manhole (Traffic Management System)	3.000 EACH	4,720.00000	14,160.00	6,000.00000	18,000.00	5,700.00000	17,100.00
607-11525	Fence (Plastic)	500.000 LF	3.00000	1,500.00	5.00000	2,500.00	5.00000	2,500.00
612-00260	Location Marker (Fiber Optic)(Dome)	43.000 EACH	52.00000	2,236.00	40.00000	1,720.00	45.00000	1,935.00
613-00050	1/2 Inch Electrical Conduit	10.000 LF	30.00000	300.00	10.00000	100.00	12.00000	120.00

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Counties: Various

Item Code	Description	Quantity	(3) 1231A INTERFACE COMMUNICATIONS COMPANY		(4) 630A L & M UNDERGROUND, INC.		(5) 1476A MORTON ELECTRIC, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS				LCC:			
613-00200	2 Inch Electrical Conduit	10.000 LF	30.00000	300.00	10.00000	100.00	25.00000	250.00
613-00206	2 Inch Electrical Conduit (Bored)	13,540.000 LF	6.61000	89,499.40	8.00000	108,320.00	11.80000	159,772.00
613-00306	3 Inch Electrical Conduit (Bored)	300.000 LF	20.00000	6,000.00	25.00000	7,500.00	23.00000	6,900.00
613-01200	2 Inch Electrical Conduit (Plastic)	68,560.000 LF	3.55000	243,388.00	6.00000	411,360.00	5.70000	390,792.00
613-04125	1-1/4 Inch Electrical Conduit (Liquidtight Flexible Metal)	12.000 LF	92.00000	1,104.00	20.00000	240.00	30.00000	360.00
613-07002	Type Two Pull Box	9.000 EACH	811.00000	7,299.00	800.00000	7,200.00	742.00000	6,678.00
613-07023	Pull Box (24"x36"x24")	40.000 EACH	1,371.00000	54,840.00	1,500.00000	60,000.00	1,150.00000	46,000.00
613-10000	Wiring	1.000 L S	7,337.00000	7,337.00	15,000.00000	15,000.00	8,000.00000	8,000.00
613-10015	Breakaway Wiring System	2.000 EACH	1,271.00000	2,542.00	1,500.00000	3,000.00	950.00000	1,900.00
613-50106	Lighting Control Center (Special)	2.000 EACH	4,454.00000	8,908.00	6,000.00000	12,000.00	6,500.00000	13,000.00
613-80274	Structure Mounted Disconnect Switch	2.000 EACH	477.00000	954.00	6,000.00000	12,000.00	1,000.00000	2,000.00
614-72831	Communications Cabinet (Type 1)	1.000 EACH	8,752.00000	8,752.00	18,000.00000	18,000.00	8,050.00000	8,050.00
614-72832	Communications Cabinet (Type 2)	2.000 EACH	9,640.00000	19,280.00	14,000.00000	28,000.00	10,200.00000	20,400.00

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Counties: Various

Item Code	Description	Quantity	(3) 1231A INTERFACE COMMUNICATIONS COMPANY		(4) 630A L & M UNDERGROUND, INC.		(5) 1476A MORTON ELECTRIC, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS					LCC:		
614-87010	Fiber Optic Cable (Single Mode) (12 Fiber)	600.000 LF	2.00000	1,200.00	3.00000	1,800.00	6.10000	3,660.00
614-87012	Fiber Optic Termination Panel (12 Fiber)	3.000 EACH	750.00000	2,250.00	1,000.00000	3,000.00	544.00000	1,632.00
614-87015	Buffer Tube Fan Out Kit	3.000 EACH	40.00000	120.00	150.00000	450.00	179.00000	537.00
614-87320	Closed Circuit Television	2.000 EACH	4,029.00000	8,058.00	5,000.00000	10,000.00	4,200.00000	8,400.00
614-87350	Test Fiber Optic Cable	1.000 L S	6,561.00000	6,561.00	8,000.00000	8,000.00	4,800.00000	4,800.00
614-87364	Closed Circuit Television Pole with Lowering Device (50 Feet)	1.000 EACH	16,463.00000	16,463.00	25,000.00000	25,000.00	15,525.00000	15,525.00
614-87404	Breakaway Tapered ITS Pole Steel (50 Feet)	1.000 EACH	6,016.00000	6,016.00	25,000.00000	25,000.00	5,580.00000	5,580.00
614-87496	Fiber Optic Cable (Single Mode) (96 Strands)	42,890.000 LF	2.06000	88,353.40	2.00000	85,780.00	3.12000	133,816.80
614-87691	Ethernet Switch Type I	2.000 EACH	6,243.00000	12,486.00	4,500.00000	9,000.00	5,268.00000	10,536.00
614-87692	Ethernet Switch Type II	1.000 EACH	6,706.00000	6,706.00	4,500.00000	4,500.00	5,876.00000	5,876.00
620-00020	Sanitary Facility	1.000 EACH	1,133.00000	1,133.00	1,000.00000	1,000.00	1,200.00000	1,200.00
626-00000	Mobilization	1.000 L S	74,650.00000	74,650.00	40,000.00000	40,000.00	60,000.00000	60,000.00
630-00000	Flagging	300.000 HOUR	23.31000	6,993.00	30.00000	9,000.00	28.00000	8,400.00

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Item Code	Description	Quantity	(3) 1231A INTERFACE COMMUNICATIONS COMPANY		(4) 630A L & M UNDERGROUND, INC.		(5) 1476A MORTON ELECTRIC, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS					LCC:		
630-00007	Traffic Control Inspection	20.000 DAY	222.00000	4,440.00	250.00000	5,000.00	175.00000	3,500.00
630-00012	Traffic Control Management	50.000 DAY	995.00000	49,750.00	700.00000	35,000.00	1,150.00000	57,500.00
630-80001	Flashing Beacon (Portable)	6.000 EACH	2,220.00000	13,320.00	2,000.00000	12,000.00	500.00000	3,000.00
630-80335	Barricade (Type 3 M-A) (Temporary)	3.000 EACH	278.00000	834.00	55.00000	165.00	100.00000	300.00
630-80341	Construction Traffic Sign (Panel Size A)	36.000 EACH	61.00000	2,196.00	55.00000	1,980.00	60.00000	2,160.00
630-80342	Construction Traffic Sign (Panel Size B)	11.000 EACH	222.00000	2,442.00	75.00000	825.00	125.00000	1,375.00
630-80363	Drum Channelizing Device (With Light) (Flashing)	20.000 EACH	84.00000	1,680.00	30.00000	600.00	45.00000	900.00
630-85040	Impact Attenuator (Truck Mounted Attenuator) (Temporary)	1.000 EACH	27,625.80000	27,625.80	30,000.00000	30,000.00	23,000.00000	23,000.00
Section Totals:				\$835,000.00		\$1,076,100.00		\$1,086,214.80
Contract Grand Totals				\$835,000.00		\$1,076,100.00		\$1,086,214.80

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Counties: Various

Item Code	Description	Quantity	(6) 178A MAIN ELECTRIC LTD					
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS						
							LCC:	
201-00000	Clearing and Grubbing	1.000 L S	13,310.00000	13,310.00				
202-00870	Removal of Coordination Unit	1.000 EACH	13,310.00000	13,310.00				
203-01597	Potholing	24.000 HOUR	150.00000	3,600.00				
208-00002	Erosion Log Type 1 (12 Inch)	700.000 LF	4.66000	3,262.00				
208-00035	Aggregate Bag	700.000 LF	7.98000	5,586.00				
208-00045	Concrete Washout Structure	2.000 EACH	1,291.00000	2,582.00				
212-00006	Seeding (Native)	2.400 ACRE	2,329.00000	5,589.60				
212-00032	Soil Conditioning	2.400 ACRE	2,622.00000	6,292.80				
213-00061	Mulch Tackifier	480.000 LB	3.99000	1,915.20				
503-00024	Drilled Caisson (24 Inch)	26.000 LF	2,299.00000	59,774.00				
604-39050	Manhole (Traffic Management System)	3.000 EACH	6,604.00000	19,812.00				
607-11525	Fence (Plastic)	500.000 LF	4.12000	2,060.00				
612-00260	Location Marker (Fiber Optic)(Dome)	43.000 EACH	436.50000	18,769.50				
613-00050	1/2 Inch Electrical Conduit	10.000 LF	10.20000	102.00				

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Item Code	Description	Quantity	(6) 178A MAIN ELECTRIC LTD					
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS							LCC:
613-00200	2 Inch Electrical Conduit	10.000 LF	20.30000	203.00				
613-00206	2 Inch Electrical Conduit (Bored)	13,540.000 LF	11.50000	155,710.00				
613-00306	3 Inch Electrical Conduit (Bored)	300.000 LF	29.72340	8,917.02				
613-01200	2 Inch Electrical Conduit (Plastic)	68,560.000 LF	4.46400	306,051.84				
613-04125	1-1/4 Inch Electrical Conduit (Liquidtight Flexible Metal)	12.000 LF	15.00000	180.00				
613-07002	Type Two Pull Box	9.000 EACH	2,403.11000	21,627.99				
613-07023	Pull Box (24"x36"x24")	40.000 EACH	2,190.10000	87,604.00				
613-10000	Wiring	1.000 L S	26,619.00000	26,619.00				
613-10015	Breakaway Wiring System	2.000 EACH	6,500.00000	13,000.00				
613-50106	Lighting Control Center (Special)	2.000 EACH	19,207.00000	38,414.00				
613-80274	Structure Mounted Disconnect Switch	2.000 EACH	4,798.00000	9,596.00				
614-72831	Communications Cabinet (Type 1)	1.000 EACH	18,025.00000	18,025.00				
614-72832	Communications Cabinet (Type 2)	2.000 EACH	15,971.50000	31,943.00				
614-87010	Fiber Optic Cable (Single Mode) (12 Fiber)	600.000 LF	4.44000	2,664.00				

Tabulation of Bids

Letting No: 20170803
 Letting Date: August 03, 2017
 Letting Time: 10:00 AM

Contract ID: C19963
 Region: 4

Counties: Various

				(6) 178A MAIN ELECTRIC LTD					
Item Code	Description	Quantity		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS					LCC:		
614-87012	Fiber Optic Termination Panel (12 Fiber)	3.000 EACH		4,704.00000	14,112.00				
614-87015	Buffer Tube Fan Out Kit	3.000 EACH		4,697.33000	14,091.99				
614-87320	Closed Circuit Television	2.000 EACH		13,455.00000	26,910.00				
614-87350	Test Fiber Optic Cable	1.000 L S		6,655.00000	6,655.00				
614-87364	Closed Circuit Television Pole with Lowering Device (50 Feet)	1.000 EACH		20,283.00000	20,283.00				
614-87404	Breakaway Tapered ITS Pole Steel (50 Feet)	1.000 EACH		9,307.00000	9,307.00				
614-87496	Fiber Optic Cable (Single Mode) (96 Strands)	42,890.000 LF		2.56000	109,798.40				
614-87691	Ethernet Switch Type I	2.000 EACH		9,372.00000	18,744.00				
614-87692	Ethernet Switch Type II	1.000 EACH		11,835.00000	11,835.00				
620-00020	Sanitary Facility	1.000 EACH		2,000.00000	2,000.00				
626-00000	Mobilization	1.000 L S		160,000.00000	160,000.00				
630-00000	Flagging	300.000 HOUR		29.29000	8,787.00				
630-00007	Traffic Control Inspection	20.000 DAY		219.60000	4,392.00				

Tabulation of Bids

Letting No: 20170803
 Letting Date: August 03, 2017
 Letting Time: 10:00 AM

Contract ID: C19963
 Region: 4

Counties: Various

				(6) 178A MAIN ELECTRIC LTD					
Item Code	Description	Quantity		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS					LCC:		
630-00012	Traffic Control Management	50.000	DAY	1,444.10000	72,205.00				
630-80001	Flashing Beacon (Portable)	6.000	EACH	665.50000	3,993.00				
630-80335	Barricade (Type 3 M-A) (Temporary)	3.000	EACH	155.33000	465.99				
630-80341	Construction Traffic Sign (Panel Size A)	36.000	EACH	55.00000	1,980.00				
630-80342	Construction Traffic Sign (Panel Size B)	11.000	EACH	60.45000	664.95				
630-80363	Drum Channelizing Device (With Light) (Flashing)	20.000	EACH	33.25000	665.00				
630-85040	Impact Attenuator (Truck Mounted Attenuator) (Temporary)	1.000	EACH	33,274.00000	33,274.00				
Section Totals:					\$1,396,683.28				
Contract Grand Totals					\$1,396,683.28				

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Low Bid Item Analysis

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Letting No: 20170803	Contract ID: C19963	Counties: Various
Letting Date: August 03, 2017	Region: 4	
Letting Time: 10:00 AM	Contract Time: 85 WORKING DAYS	Project(s): IM0762-052

Contract Description:

The project consists of furnishing and installing pull boxes, conduit, fiber optic cable, CCTV cameras, and associated communications equipment for CDOT.

Specifically, this project will include the installation of a fiber optic cable backbone along the north side of I-76, from MP 28.98 to MP 36.61. A fiber optic network will be established through means of Ethernet switches, node equipment, and lateral fiber optic cable. Cameras and lowering device poles will be installed. Additionally, an ITS infrastructure will be installed to support camera and fiber installation. This will include caissons, conduit, pull boxes, manholes and communications cabinets.

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	6,000.00000	5,000.00000 L S	6,000.00	5,000.00	83.33%	-1,000.00
0010	202-00870 Removal of Coordination Unit	1.000	100.00000	2,500.00000 EACH	100.00	2,500.00	2500.00%	2,400.00
0015	203-01597 Potholing	24.000	180.00000	160.00000 HOUR	4,320.00	3,840.00	88.89%	-480.00
0020	208-00002 Erosion Log Type 1 (12 Inch)	700.000	5.00000	4.50000 LF	3,500.00	3,150.00	90.00%	-350.00
0025	208-00035 Aggregate Bag	700.000	10.00000	7.50000 LF	7,000.00	5,250.00	75.00%	-1,750.00
0030	208-00045 Concrete Washout Structure	2.000	1,090.00000	500.00000 EACH	2,180.00	1,000.00	45.87%	-1,180.00

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Low Bid Item Analysis

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Letting No: 20170803
 Letting Date: August 03, 2017
 Letting Time: 10:00 AM

Contract ID: C19963
 Region: 4
 Contract Time: 85 WORKING DAYS

Counties: Various
 Project(s): IM0762-052

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						
0035	212-00006 Seeding (Native)	2.400	1,300.00000	2,000.00000 ACRE	3,120.00	4,800.00	153.85%	1,680.00
0040	212-00032 Soil Conditioning	2.400	2,800.00000	2,300.00000 ACRE	6,720.00	5,520.00	82.14%	-1,200.00
0045	213-00061 Mulch Tackifier	480.000	3.00000	4.00000 LB	1,440.00	1,920.00	133.33%	480.00
0050	503-00024 Drilled Caisson (24 Inch)	26.000	400.00000	425.00000 LF	10,400.00	11,050.00	106.25%	650.00
0055	604-39050 Manhole (Traffic Management System)	3.000	5,500.00000	7,500.00000 EACH	16,500.00	22,500.00	136.36%	6,000.00
0060	607-11525 Fence (Plastic)	500.000	5.00000	4.20000 LF	2,500.00	2,100.00	84.00%	-400.00

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Low Bid Item Analysis

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Letting No: 20170803	Contract ID: C19963	Counties: Various
Letting Date: August 03, 2017	Region: 4	
Letting Time: 10:00 AM	Contract Time: 85 WORKING DAYS	Project(s): IM0762-052

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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						
0065	612-00260 Location Marker (Fiber Optic)(Dome)	43.000	60.00000	95.00000 EACH	2,580.00	4,085.00	158.33%	1,505.00
0070	613-00050 1/2 Inch Electrical Conduit	10.000	7.00000	18.00000 LF	70.00	180.00	257.14%	110.00
0075	613-00200 2 Inch Electrical Conduit	10.000	18.50000	24.00000 LF	185.00	240.00	129.73%	55.00
0080	613-00206 2 Inch Electrical Conduit (Bored)	13,540.000	10.50000	5.83000 LF	142,170.00	78,938.20	55.52%	-63,231.80
0085	613-00306 3 Inch Electrical Conduit (Bored)	300.000	25.00000	13.65000 LF	7,500.00	4,095.00	54.60%	-3,405.00
0090	613-01200 2 Inch Electrical Conduit (Plastic)	68,560.000	7.00000	2.92000 LF	479,920.00	200,195.20	41.71%	-279,724.80

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Low Bid Item Analysis

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Letting No: 20170803	Contract ID: C19963	Counties: Various
Letting Date: August 03, 2017	Region: 4	
Letting Time: 10:00 AM	Contract Time: 85 WORKING DAYS	Project(s): IM0762-052

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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						
0095	613-04125 1-1/4 Inch Electrical Conduit (Liquidtight Flexible Metal)	12.000	15.00000	30.00000 LF	180.00	360.00	200.00%	180.00
0100	613-07002 Type Two Pull Box	9.000	900.00000	955.00000 EACH	8,100.00	8,595.00	106.11%	495.00
0105	613-07023 Pull Box (24"x36"x24")	40.000	1,250.00000	1,392.00000 EACH	50,000.00	55,680.00	111.36%	5,680.00
0110	613-10000 Wiring	1.000	17,500.00000	8,500.00000 L S	17,500.00	8,500.00	48.57%	-9,000.00
0115	613-10015 Breakaway Wiring System	2.000	1,300.00000	2,800.00000 EACH	2,600.00	5,600.00	215.38%	3,000.00
0120	613-50106 Lighting Control Center (Special)	2.000	4,000.00000	5,600.00000 EACH	8,000.00	11,200.00	140.00%	3,200.00

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Letting Time: 10:00 AM	Contract Time: 85 WORKING DAYS	Project(s): IM0762-052

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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	613-80274 Structure Mounted Disconnect Switch	2.000	380.00000	2,500.00000 EACH	760.00	5,000.00	657.89%	4,240.00
0130	614-72831 Communications Cabinet (Type 1)	1.000	11,000.00000	9,500.00000 EACH	11,000.00	9,500.00	86.36%	-1,500.00
0135	614-72832 Communications Cabinet (Type 2)	2.000	10,000.00000	10,200.00000 EACH	20,000.00	20,400.00	102.00%	400.00
0140	614-87010 Fiber Optic Cable (Single Mode) (12 Fiber)	600.000	8.00000	1.10000 LF	4,800.00	660.00	13.75%	-4,140.00
0145	614-87012 Fiber Optic Termination Panel (12 Fiber)	3.000	850.00000	1,200.00000 EACH	2,550.00	3,600.00	141.18%	1,050.00
0150	614-87015 Buffer Tube Fan Out Kit	3.000	265.00000	120.00000 EACH	795.00	360.00	45.28%	-435.00

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Low Bid Item Analysis

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Letting Date: August 03, 2017	Region: 4	
Letting Time: 10:00 AM	Contract Time: 85 WORKING DAYS	Project(s): IM0762-052

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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						
0155	614-87320 Closed Circuit Television	2.000	4,500.00000	4,200.00000 EACH	9,000.00	8,400.00	93.33%	-600.00
0160	614-87350 Test Fiber Optic Cable	1.000	7,000.00000	7,000.00000 L S	7,000.00	7,000.00	100.00%	0.00
0165	614-87364 Closed Circuit Television Pole with Lowering Device (50 Feet)	1.000	18,000.00000	26,500.00000 EACH	18,000.00	26,500.00	147.22%	8,500.00
0170	614-87404 Breakaway Tapered ITS Pole Steel (50 Feet)	1.000	10,000.00000	6,500.00000 EACH	10,000.00	6,500.00	65.00%	-3,500.00
0175	614-87496 Fiber Optic Cable (Single Mode) (96 Strands)	42,890.000	2.30000	1.43000 LF	98,647.00	61,332.70	62.17%	-37,314.30
0180	614-87691 Ethernet Switch Type I	2.000	4,500.00000	6,500.00000 EACH	9,000.00	13,000.00	144.44%	4,000.00

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Letting No: 20170803	Contract ID: C19963	Counties: Various
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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						
0185	614-87692 Ethernet Switch Type II	1.000	5,250.00000	6,500.00000 EACH	5,250.00	6,500.00	123.81%	1,250.00
0190	620-00020 Sanitary Facility	1.000	1,500.00000	1,500.00000 EACH	1,500.00	1,500.00	100.00%	0.00
0195	626-00000 Mobilization	1.000	65,000.00000	55,000.00000 L S	65,000.00	55,000.00	84.62%	-10,000.00
0200	630-00000 Flagging	300.000	27.00000	36.00000 HOUR	8,100.00	10,800.00	133.33%	2,700.00
0205	630-00007 Traffic Control Inspection	20.000	290.00000	65.00000 DAY	5,800.00	1,300.00	22.41%	-4,500.00
0210	630-00012 Traffic Control Management	50.000	720.00000	630.00000 DAY	36,000.00	31,500.00	87.50%	-4,500.00

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Low Bid Item Analysis

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Letting No: 20170803	Contract ID: C19963	Counties: Various
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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						
0215	630-80001 Flashing Beacon (Portable)	6.000	800.00000	880.00000 EACH	4,800.00	5,280.00	110.00%	480.00
0220	630-80335 Barricade (Type 3 M-A) (Temporary)	3.000	180.00000	50.00000 EACH	540.00	150.00	27.78%	-390.00
0225	630-80341 Construction Traffic Sign (Panel Size A)	36.000	21.00000	48.00000 EACH	756.00	1,728.00	228.57%	972.00
0230	630-80342 Construction Traffic Sign (Panel Size B)	11.000	32.00000	48.00000 EACH	352.00	528.00	150.00%	176.00
0235	630-80363 Drum Channelizing Device (With Light) (Flashing)	20.000	25.00000	38.00000 EACH	500.00	760.00	152.00%	260.00

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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						
0240	630-85040 Impact Attenuator (Truck Mounted Attenuator) (Temporary)	1.000	10,000.00000	24,000.00000 EACH	10,000.00	24,000.00	240.00%	14,000.00
Section 0001 Subtotal					\$1,112,735.00	\$747,597.10	67.19%	-\$365,137.90
Contract Total for Calculated Low Bidders Bid Items					\$1,112,735.00	\$747,597.10	67.19%	-\$365,137.90