

Colorado Department Of Transportation

Printed On: 09/05/2019

Low Bid Summary

Page 1 of 1

Letting Date: September 05, 2019

Call Order	Contract ID	Project(s)	# of Bids	Low Bidder	Estimated Cost	Corrected Bid	Percent of Estimate	Overrun (+) Underrun (-)
002	C21288	ITSSW01-718	3	DILLIE AND KUHN, INC	\$1,428,050.00	\$988,855.80	69.25%	-\$439,194.20
Letting Totals			3		\$1,428,050.00	\$988,855.80	69.25%	-\$439,194.20

Vendor Ranking

Contract ID: C21288

Contract Description:

On I-70 from Tower Road to Bennett, work consists of installation of fiber optic cable and bored and trenched conduit to include caissons, camera poles, CCTV's, communication cabinets, Ethernet switches, pull boxes, manholes, lateral fiber, splicing and terminations in Arapahoe, Adams and Denver County.

An optional Pre-bid Conference will be held on Monday, August 26, 2019 beginning at 10:00 AM at 425 Corporate Circle, Unit C Golden, CO 80401

Rank	Vendor ID	Vendor Name	Total Bid	Percent Of Low Bid	Percent Of Estimate
1	1276A	DILLIE AND KUHN, INC	\$988,855.80	100.00%	69.25%
2	720A	STURGEON ELECTRIC COMPANY, INC.	\$1,042,000.00	105.37%	72.97%
3	697A	W.L. CONTRACTORS, INC.	\$1,155,638.25	116.87%	80.92%
0	-EST-	Engineer's Estimate	\$1,428,050.00	144.41%	100.00%

Tabulation of Bids

Contract ID: C21288

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1276A DILLIE AND KUHN, INC.		(2) 720A STURGEON ELECTRIC COMPANY, INC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS						
						LCC:		
202-00200	Removal of Sidewalk	2.000 SY	100.00000	200.00	250.00000	500.00	566.50000	1,133.00
203-01597	Potholing	100.000 HOUR	250.00000	25,000.00	160.00000	16,000.00	255.50000	25,550.00
208-00002	Erosion Log Type 1 (12 Inch)	2,700.000 LF	5.00000	13,500.00	5.50000	14,850.00	5.50000	14,850.00
208-00035	Aggregate Bag	200.000 LF	8.00000	1,600.00	11.53000	2,306.00	15.00000	3,000.00
208-00046	Pre-fabricated Concrete Washout Structure (Type 1)	2.000 EACH	1,600.00000	3,200.00	400.00000	800.00	2,243.00000	4,486.00
208-00051	Storm Drain Inlet Protection (Type I)	100.000 LF	20.00000	2,000.00	34.28000	3,428.00	40.00000	4,000.00
208-00052	Storm Drain Inlet Protection (Type II)	100.000 LF	20.00000	2,000.00	85.14000	8,514.00	86.00000	8,600.00
208-00103	Removal and Disposal of Sediment (Labor)	32.000 HOUR	50.00000	1,600.00	50.00000	1,600.00	69.50000	2,224.00
208-00105	Removal and Disposal of Sediment (Equipment)	32.000 HOUR	100.00000	3,200.00	75.00000	2,400.00	116.00000	3,712.00
208-00106	Sweeping (Sediment Removal)	32.000 HOUR	150.00000	4,800.00	72.00000	2,304.00	225.00000	7,200.00
208-00107	Removal of Trash	32.000 HOUR	50.00000	1,600.00	50.00000	1,600.00	69.50000	2,224.00
208-00207	Erosion Control Management	20.000 DAY	300.00000	6,000.00	731.00000	14,620.00	678.50000	13,570.00
212-00006	Seeding (Native)	0.500 ACRE	5,000.00000	2,500.00	920.00000	460.00	2,688.00000	1,344.00
212-00032	Soil Conditioning	0.500 ACRE	5,000.00000	2,500.00	4,200.00000	2,100.00	5,884.00000	2,942.00
213-00003	Mulching (Weed Free)	0.500 ACRE	5,000.00000	2,500.00	4,200.00000	2,100.00	3,900.00000	1,950.00

Tabulation of Bids

Contract ID: C21288

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1276A DILLIE AND KUHN, INC.		(2) 720A STURGEON ELECTRIC COMPANY, INC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS						
						LCC:		
213-00061	Mulch Tackifier	100.000 LB	10.00000	1,000.00	3.30000	330.00	5.00000	500.00
216-00211	Soil Retention Blanket (Excelsior) (Biodegradable Class 1)	200.000 SY	21.00000	4,200.00	4.10000	820.00	8.50000	1,700.00
403-00721	Hot Mix Asphalt (Patching) (Asphalt)	25.000 SY	100.00000	2,500.00	140.00000	3,500.00	416.00000	10,400.00
503-00036	Drilled Shaft (36 Inch)	96.000 LF	350.00000	33,600.00	750.00000	72,000.00	506.00000	48,576.00
604-39050	Manhole (Traffic Management System)	1.000 EACH	5,000.00000	5,000.00	8,000.00000	8,000.00	8,405.00000	8,405.00
607-11525	Fence (Plastic)	300.000 LF	10.00000	3,000.00	4.88000	1,464.00	6.50000	1,950.00
608-00000	Concrete Sidewalk	2.000 SY	120.00000	240.00	250.00000	500.00	532.00000	1,064.00
612-00260	Location Marker (Fiber Optic)(Dome)	22.000 EACH	100.00000	2,200.00	150.00000	3,300.00	121.50000	2,673.00
612-00270	Location Marker (Utility)(Flat Slat)	10.000 EACH	100.00000	1,000.00	80.00000	800.00	112.50000	1,125.00
613-00200	2 Inch Electrical Conduit GRC	60.000 LF	50.00000	3,000.00	75.00000	4,500.00	69.50000	4,170.00
613-00206	2 Inch Electrical Conduit (Bored)	3,100.000 LF	16.00000	49,600.00	19.37000	60,047.00	24.85000	77,035.00
613-01200	2 Inch Electrical Conduit (Plastic)	1,465.000 LF	40.00000	58,600.00	13.77000	20,173.05	12.00000	17,580.00
613-01300	3 Inch Electrical Conduit (Plastic)	20.000 LF	300.00000	6,000.00	22.00000	440.00	32.00000	640.00
613-07023	Pull Box (24"x36"x24")	22.000 EACH	1,400.00000	30,800.00	1,770.00000	38,940.00	2,000.00000	44,000.00
613-07040	Pull Box (30"x48"x24")	11.000 EACH	3,000.00000	33,000.00	2,145.00000	23,595.00	2,500.00000	27,500.00

Tabulation of Bids

Contract ID: C21288

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1276A DILLIE AND KUHN, INC.		(2) 720A STURGEON ELECTRIC COMPANY, INC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS						
						LCC:		
613-10000	Wiring	1.000 L S	40,000.00000	40,000.00	24,000.00000	24,000.00	19,000.00000	19,000.00
613-80130	Service Meter Cabinet	6.000 EACH	4,500.00000	27,000.00	3,720.00000	22,320.00	5,295.00000	31,770.00
614-70024	1310nm SFP Optic Module	10.000 EACH	500.00000	5,000.00	195.00000	1,950.00	378.00000	3,780.00
614-70026	CWDM Multiplexor Demultiplexor Module	1.000 EACH	9,150.00000	9,150.00	2,150.00000	2,150.00	9,586.00000	9,586.00
614-70028	CWDM SFP Optic Module	27.000 EACH	1,010.00000	27,270.00	520.00000	14,040.00	1,105.00000	29,835.00
614-70030	Optical Attenuator	34.000 EACH	175.00000	5,950.00	120.00000	4,080.00	153.50000	5,219.00
614-70032	Optical Filter	40.000 EACH	1,281.00000	51,240.00	410.00000	16,400.00	453.50000	18,140.00
614-72832	Communications Cabinet (Type 2)	6.000 EACH	10,000.00000	60,000.00	11,700.00000	70,200.00	12,640.00000	75,840.00
614-87010	Fiber Optic Cable (Single Mode) (12 Fiber)	4,760.000 LF	9.00000	42,840.00	6.55000	31,178.00	11.50000	54,740.00
614-87012	Fiber Optic Termination Panel (12 Fiber)	7.000 EACH	1,000.00000	7,000.00	900.00000	6,300.00	633.00000	4,431.00
614-87015	Buffer Tube Fan Out Kit	7.000 EACH	150.00000	1,050.00	120.00000	840.00	400.00000	2,800.00
614-87096	Fiber Optic Termination Panel (96 Fiber)	1.000 EACH	2,500.00000	2,500.00	2,900.00000	2,900.00	6,040.00000	6,040.00
614-87320	Closed Circuit Television	8.000 EACH	7,000.00000	56,000.00	5,120.00000	40,960.00	4,974.00000	39,792.00
614-87350	Test Fiber Optic Cable	1.000 L S	3,000.00000	3,000.00	12,000.00000	12,000.00	11,005.00000	11,005.00
614-87364	Closed Circuit Television Pole with Lowering Device (50 Feet)	6.000 EACH	30,000.00000	180,000.00	24,900.00000	149,400.00	17,847.00000	107,082.00

Tabulation of Bids

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Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1276A DILLIE AND KUHN, INC.		(2) 720A STURGEON ELECTRIC COMPANY, INC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS					LCC:		
614-87448	Fiber Optic Cable (Single Mode) (48 Strands)	1,815.000 LF	20.00000	36,300.00	5.45000	9,891.75	7.00000	12,705.00
614-87691	Ethernet Switch Type I	4.000 EACH	6,500.00000	26,000.00	4,000.00000	16,000.00	7,790.00000	31,160.00
614-87692	Ethernet Switch Type II	7.000 EACH	8,500.00000	59,500.00	4,000.00000	28,000.00	4,406.00000	30,842.00
614-87697	Ethernet Aggregation Switch Type I	1.000 EACH	15,000.00000	15,000.00	6,500.00000	6,500.00	14,540.00000	14,540.00
620-00020	Sanitary Facility	1.000 EACH	2,000.00000	2,000.00	800.00000	800.00	1,610.00000	1,610.00
625-00000	Construction Surveying	1.000 L S	10,000.00000	10,000.00	5,000.00000	5,000.00	20,091.00000	20,091.00
626-00000	Mobilization	1.000 L S	100,000.00000	100,000.00	59,000.00000	59,000.00	77,558.00000	77,558.00
626-01104	Public Information Services (Tier IV)	1.000 L S	4,000.00000	4,000.00	7,100.00000	7,100.00	7,067.00000	7,067.00
630-00000	Flagging	40.000 HOUR	30.00000	1,200.00	35.00000	1,400.00	37.00000	1,480.00
630-00007	Traffic Control Inspection	15.000 DAY	250.00000	3,750.00	75.00000	1,125.00	117.00000	1,755.00
630-00012	Traffic Control Management	85.000 DAY	850.00000	72,250.00	910.00000	77,350.00	704.00000	59,840.00
630-80341	Construction Traffic Sign (Panel Size A)	20.000 EACH	45.00000	900.00	62.00000	1,240.00	42.00000	840.00
630-80342	Construction Traffic Sign (Panel Size B)	50.000 EACH	45.00000	2,250.00	220.00000	11,000.00	42.00000	2,100.00
630-80343	Construction Traffic Sign (Panel Size C)	8.000 EACH	45.00000	360.00	220.00000	1,760.00	51.00000	408.00
630-80355	Portable Message Sign Panel	2.000 EACH	5,250.00000	10,500.00	1,500.00000	3,000.00	2,841.50000	5,683.00

Tabulation of Bids

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Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1276A DILLIE AND KUHN, INC.		(2) 720A STURGEON ELECTRIC COMPANY, INC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS						
						LCC:		
630-80357	Advance Warning Flashing or Sequencing Arrow Panel (B Type)	2.000 EACH	2,250.00000	4,500.00	1,500.00000	3,000.00	906.50000	1,813.00
630-80360	Drum Channelizing Device	60.000 EACH	35.00000	2,100.00	63.00000	3,780.00	42.00000	2,520.00
630-80380	Traffic Cone	100.000 EACH	10.00000	1,000.00	19.00000	1,900.00	15.50000	1,550.00
630-80393	Stackable Vertical Panels	100.000 EACH	25.00000	2,500.00	28.00000	2,800.00	26.50000	2,650.00
630-85041	Mobile Attenuator	50.000 DAY	5,000.00000	250,000.00	750.00000	37,500.00	52.50000	2,625.00
Section Totals:				\$1,428,050.00		\$988,855.80		\$1,042,000.00
Contract Grand Totals				\$1,428,050.00		\$988,855.80		\$1,042,000.00

Tabulation of Bids

Contract ID: C21288

				(3) 697A W.L. CONTRACTORS, INC.					
Item Code	Description	Quantity		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS					LCC:		
202-00200	Removal of Sidewalk	2.000	SY	750.00000	1,500.00				
203-01597	Potholing	100.000	HOUR	250.00000	25,000.00				
208-00002	Erosion Log Type 1 (12 Inch)	2,700.000	LF	6.00000	16,200.00				
208-00035	Aggregate Bag	200.000	LF	12.25000	2,450.00				
208-00046	Pre-fabricated Concrete Washout Structure (Type 1)	2.000	EACH	1,530.00000	3,060.00				
208-00051	Storm Drain Inlet Protection (Type I)	100.000	LF	36.00000	3,600.00				
208-00052	Storm Drain Inlet Protection (Type II)	100.000	LF	90.00000	9,000.00				
208-00103	Removal and Disposal of Sediment (Labor)	32.000	HOUR	45.00000	1,440.00				
208-00105	Removal and Disposal of Sediment (Equipment)	32.000	HOUR	82.00000	2,624.00				
208-00106	Sweeping (Sediment Removal)	32.000	HOUR	340.00000	10,880.00				
208-00107	Removal of Trash	32.000	HOUR	70.00000	2,240.00				
208-00207	Erosion Control Management	20.000	DAY	777.00000	15,540.00				
212-00006	Seeding (Native)	0.500	ACRE	990.00000	495.00				
212-00032	Soil Conditioning	0.500	ACRE	4,785.00000	2,392.50				
213-00003	Mulching (Weed Free)	0.500	ACRE	4,528.00000	2,264.00				

Tabulation of Bids

Contract ID: C21288

				(3) 697A W.L. CONTRACTORS, INC.					
Item Code	Description	Quantity		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS		LCC:					
213-00061	Mulch Tackifier	100.000	LB	4.00000	400.00				
216-00211	Soil Retention Blanket (Excelsior) (Biodegradable Class 1)	200.000	SY	4.50000	900.00				
403-00721	Hot Mix Asphalt (Patching) (Asphalt)	25.000	SY	575.00000	14,375.00				
503-00036	Drilled Shaft (36 Inch)	96.000	LF	325.00000	31,200.00				
604-39050	Manhole (Traffic Management System)	1.000	EACH	5,340.00000	5,340.00				
607-11525	Fence (Plastic)	300.000	LF	5.00000	1,500.00				
608-00000	Concrete Sidewalk	2.000	SY	1,100.00000	2,200.00				
612-00260	Location Marker (Fiber Optic)(Dome)	22.000	EACH	93.00000	2,046.00				
612-00270	Location Marker (Utility)(Flat Slat)	10.000	EACH	85.00000	850.00				
613-00200	2 Inch Electrical Conduit GRC	60.000	LF	44.00000	2,640.00				
613-00206	2 Inch Electrical Conduit (Bored)	3,100.000	LF	25.00000	77,500.00				
613-01200	2 Inch Electrical Conduit (Plastic)	1,465.000	LF	15.00000	21,975.00				
613-01300	3 Inch Electrical Conduit (Plastic)	20.000	LF	30.00000	600.00				
613-07023	Pull Box (24"x36"x24")	22.000	EACH	1,850.00000	40,700.00				
613-07040	Pull Box (30"x48"x24")	11.000	EACH	2,360.00000	25,960.00				

Tabulation of Bids

Contract ID: C21288

				(3) 697A W.L. CONTRACTORS, INC.					
Item Code	Description	Quantity		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS				LCC:			
613-10000	Wiring	1.000	L S	23,215.00000	23,215.00				
613-80130	Service Meter Cabinet	6.000	EACH	5,100.00000	30,600.00				
614-70024	1310nm SFP Optic Module	10.000	EACH	420.00000	4,200.00				
614-70026	CWDM Multiplexor Demultiplexor Module	1.000	EACH	11,365.00000	11,365.00				
614-70028	CWDM SFP Optic Module	27.000	EACH	1,280.00000	34,560.00				
614-70030	Optical Attenuator	34.000	EACH	170.00000	5,780.00				
614-70032	Optical Filter	40.000	EACH	660.00000	26,400.00				
614-72832	Communications Cabinet (Type 2)	6.000	EACH	13,315.00000	79,890.00				
614-87010	Fiber Optic Cable (Single Mode) (12 Fiber)	4,760.000	LF	13.00000	61,880.00				
614-87012	Fiber Optic Termination Panel (12 Fiber)	7.000	EACH	635.00000	4,445.00				
614-87015	Buffer Tube Fan Out Kit	7.000	EACH	465.00000	3,255.00				
614-87096	Fiber Optic Termination Panel (96 Fiber)	1.000	EACH	5,547.00000	5,547.00				
614-87320	Closed Circuit Television	8.000	EACH	4,380.00000	35,040.00				
614-87350	Test Fiber Optic Cable	1.000	L S	38,000.00000	38,000.00				
614-87364	Closed Circuit Television Pole with Lowering Device (50 Feet)	6.000	EACH	19,400.00000	116,400.00				

Tabulation of Bids

Contract ID: C21288

				(3) 697A W.L. CONTRACTORS, INC.					
Item Code	Description	Quantity		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS				LCC:			
614-87448	Fiber Optic Cable (Single Mode) (48 Strands)	1,815.000	LF	7.25000	13,158.75				
614-87691	Ethernet Switch Type I	4.000	EACH	9,023.00000	36,092.00				
614-87692	Ethernet Switch Type II	7.000	EACH	5,065.00000	35,455.00				
614-87697	Ethernet Aggregation Switch Type I	1.000	EACH	40,000.00000	40,000.00				
620-00020	Sanitary Facility	1.000	EACH	1,400.00000	1,400.00				
625-00000	Construction Surveying	1.000	L S	22,960.00000	22,960.00				
626-00000	Mobilization	1.000	L S	74,400.00000	74,400.00				
626-01104	Public Information Services (Tier IV)	1.000	L S	7,510.00000	7,510.00				
630-00000	Flagging	40.000	HOUR	38.00000	1,520.00				
630-00007	Traffic Control Inspection	15.000	DAY	128.00000	1,920.00				
630-00012	Traffic Control Management	85.000	DAY	830.00000	70,550.00				
630-80341	Construction Traffic Sign (Panel Size A)	20.000	EACH	38.00000	760.00				
630-80342	Construction Traffic Sign (Panel Size B)	50.000	EACH	38.00000	1,900.00				
630-80343	Construction Traffic Sign (Panel Size C)	8.000	EACH	38.00000	304.00				
630-80355	Portable Message Sign Panel	2.000	EACH	3,320.00000	6,640.00				

Tabulation of Bids

Contract ID: C21288

				(3) 697A W.L. CONTRACTORS, INC.					
Item Code	Description	Quantity		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS					LCC:		
630-80357	Advance Warning Flashing or Sequencing Arrow Panel (B Type)	2.000	EACH	1,020.00000	2,040.00				
630-80360	Drum Channelizing Device	60.000	EACH	38.00000	2,280.00				
630-80380	Traffic Cone	100.000	EACH	13.00000	1,300.00				
630-80393	Stackable Vertical Panels	100.000	EACH	25.00000	2,500.00				
630-85041	Mobile Attenuator	50.000	DAY	510.00000	25,500.00				
Section Totals:					\$1,155,638.25				
Contract Grand Totals					\$1,155,638.25				

Colorado Department Of Transportation

Printed On: 09/05/2019

Low Bid Item Analysis

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Contract ID: C21288

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0005	202-00200 Removal of Sidewalk	2.000	100.00000	250.00000 SY	200.00	500.00	250.00%	300.00
0010	203-01597 Potholing	100.000	250.00000	160.00000 HOUR	25,000.00	16,000.00	64.00%	-9,000.00
0015	208-00002 Erosion Log Type 1 (12 Inch)	2,700.000	5.00000	5.50000 LF	13,500.00	14,850.00	110.00%	1,350.00
0020	208-00035 Aggregate Bag	200.000	8.00000	11.53000 LF	1,600.00	2,306.00	144.13%	706.00
0025	208-00046 Pre-fabricated Concrete Washout Structure (Type 1)	2.000	1,600.00000	400.00000 EACH	3,200.00	800.00	25.00%	-2,400.00
0030	208-00051 Storm Drain Inlet Protection (Type I)	100.000	20.00000	34.28000 LF	2,000.00	3,428.00	171.40%	1,428.00
0035	208-00052 Storm Drain Inlet Protection (Type II)	100.000	20.00000	85.14000 LF	2,000.00	8,514.00	425.70%	6,514.00
0040	208-00103 Removal and Disposal of Sediment (Labor)	32.000	50.00000	50.00000 HOUR	1,600.00	1,600.00	100.00%	0.00
0045	208-00105 Removal and Disposal of Sediment (Equipment)	32.000	100.00000	75.00000 HOUR	3,200.00	2,400.00	75.00%	-800.00
0050	208-00106 Sweeping (Sediment Removal)	32.000	150.00000	72.00000 HOUR	4,800.00	2,304.00	48.00%	-2,496.00
0055	208-00107 Removal of Trash	32.000	50.00000	50.00000 HOUR	1,600.00	1,600.00	100.00%	0.00
0060	208-00207 Erosion Control Management	20.000	300.00000	731.00000 DAY	6,000.00	14,620.00	243.67%	8,620.00

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Low Bid Item Analysis

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Contract ID: C21288

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0065	212-00006 Seeding (Native)	0.500	5,000.00000	920.00000 ACRE	2,500.00	460.00	18.40%	-2,040.00
0070	212-00032 Soil Conditioning	0.500	5,000.00000	4,200.00000 ACRE	2,500.00	2,100.00	84.00%	-400.00
0075	213-00003 Mulching (Weed Free)	0.500	5,000.00000	4,200.00000 ACRE	2,500.00	2,100.00	84.00%	-400.00
0080	213-00061 Mulch Tackifier	100.000	10.00000	3.30000 LB	1,000.00	330.00	33.00%	-670.00
0085	216-00211 Soil Retention Blanket (Excelsior) (Biodegradable Class 1)	200.000	21.00000	4.10000 SY	4,200.00	820.00	19.52%	-3,380.00
0090	403-00721 Hot Mix Asphalt (Patching) (Asphalt)	25.000	100.00000	140.00000 SY	2,500.00	3,500.00	140.00%	1,000.00
0095	503-00036 Drilled Shaft (36 Inch)	96.000	350.00000	750.00000 LF	33,600.00	72,000.00	214.29%	38,400.00
0100	604-39050 Manhole (Traffic Management System)	1.000	5,000.00000	8,000.00000 EACH	5,000.00	8,000.00	160.00%	3,000.00
0105	607-11525 Fence (Plastic)	300.000	10.00000	4.88000 LF	3,000.00	1,464.00	48.80%	-1,536.00
0110	608-00000 Concrete Sidewalk	2.000	120.00000	250.00000 SY	240.00	500.00	208.33%	260.00
0115	612-00260 Location Marker (Fiber Optic)(Dome)	22.000	100.00000	150.00000 EACH	2,200.00	3,300.00	150.00%	1,100.00
0120	612-00270 Location Marker (Utility)(Flat Slat)	10.000	100.00000	80.00000 EACH	1,000.00	800.00	80.00%	-200.00

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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						
0125	613-00200 2 Inch Electrical Conduit GRC	60.000	50.00000	75.00000 LF	3,000.00	4,500.00	150.00%	1,500.00
0130	613-00206 2 Inch Electrical Conduit (Bored)	3,100.000	16.00000	19.37000 LF	49,600.00	60,047.00	121.06%	10,447.00
0135	613-01200 2 Inch Electrical Conduit (Plastic)	1,465.000	40.00000	13.77000 LF	58,600.00	20,173.05	34.43%	-38,426.95
0140	613-01300 3 Inch Electrical Conduit (Plastic)	20.000	300.00000	22.00000 LF	6,000.00	440.00	7.33%	-5,560.00
0145	613-07023 Pull Box (24"x36"x24")	22.000	1,400.00000	1,770.00000 EACH	30,800.00	38,940.00	126.43%	8,140.00
0150	613-07040 Pull Box (30"x48"x24")	11.000	3,000.00000	2,145.00000 EACH	33,000.00	23,595.00	71.50%	-9,405.00
0155	613-10000 Wiring	1.000	40,000.00000	24,000.00000 L S	40,000.00	24,000.00	60.00%	-16,000.00
0160	613-80130 Service Meter Cabinet	6.000	4,500.00000	3,720.00000 EACH	27,000.00	22,320.00	82.67%	-4,680.00
0165	614-70024 1310nm SFP Optic Module	10.000	500.00000	195.00000 EACH	5,000.00	1,950.00	39.00%	-3,050.00
0170	614-70026 CWDM Multiplexor Demultiplexor Module	1.000	9,150.00000	2,150.00000 EACH	9,150.00	2,150.00	23.50%	-7,000.00
0175	614-70028 CWDM SFP Optic Module	27.000	1,010.00000	520.00000 EACH	27,270.00	14,040.00	51.49%	-13,230.00
0180	614-70030 Optical Attenuator	34.000	175.00000	120.00000 EACH	5,950.00	4,080.00	68.57%	-1,870.00

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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						
0185	614-70032 Optical Filter	40.000	1,281.00000	410.00000 EACH	51,240.00	16,400.00	32.01%	-34,840.00
0190	614-72832 Communications Cabinet (Type 2)	6.000	10,000.00000	11,700.00000 EACH	60,000.00	70,200.00	117.00%	10,200.00
0195	614-87010 Fiber Optic Cable (Single Mode) (12 Fiber)	4,760.000	9.00000	6.55000 LF	42,840.00	31,178.00	72.78%	-11,662.00
0200	614-87012 Fiber Optic Termination Panel (12 Fiber)	7.000	1,000.00000	900.00000 EACH	7,000.00	6,300.00	90.00%	-700.00
0205	614-87015 Buffer Tube Fan Out Kit	7.000	150.00000	120.00000 EACH	1,050.00	840.00	80.00%	-210.00
0210	614-87096 Fiber Optic Termination Panel (96 Fiber)	1.000	2,500.00000	2,900.00000 EACH	2,500.00	2,900.00	116.00%	400.00
0215	614-87320 Closed Circuit Television	8.000	7,000.00000	5,120.00000 EACH	56,000.00	40,960.00	73.14%	-15,040.00
0220	614-87350 Test Fiber Optic Cable	1.000	3,000.00000	12,000.00000 L S	3,000.00	12,000.00	400.00%	9,000.00
0225	614-87364 Closed Circuit Television Pole with Lowering Device (50 Feet)	6.000	30,000.00000	24,900.00000 EACH	180,000.00	149,400.00	83.00%	-30,600.00
0230	614-87448 Fiber Optic Cable (Single Mode) (48 Strands)	1,815.000	20.00000	5.45000 LF	36,300.00	9,891.75	27.25%	-26,408.25
0235	614-87691 Ethernet Switch Type I	4.000	6,500.00000	4,000.00000 EACH	26,000.00	16,000.00	61.54%	-10,000.00
0240	614-87692 Ethernet Switch Type II	7.000	8,500.00000	4,000.00000 EACH	59,500.00	28,000.00	47.06%	-31,500.00

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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						
0245	614-87697 Ethernet Aggregation Switch Type I	1.000	15,000.00000	6,500.00000 EACH	15,000.00	6,500.00	43.33%	-8,500.00
0250	620-00020 Sanitary Facility	1.000	2,000.00000	800.00000 EACH	2,000.00	800.00	40.00%	-1,200.00
0255	625-00000 Construction Surveying	1.000	10,000.00000	5,000.00000 L S	10,000.00	5,000.00	50.00%	-5,000.00
0260	626-00000 Mobilization	1.000	100,000.00000	59,000.00000 L S	100,000.00	59,000.00	59.00%	-41,000.00
0265	626-01104 Public Information Services (Tier IV)	1.000	4,000.00000	7,100.00000 L S	4,000.00	7,100.00	177.50%	3,100.00
0270	630-00000 Flagging	40.000	30.00000	35.00000 HOUR	1,200.00	1,400.00	116.67%	200.00
0275	630-00007 Traffic Control Inspection	15.000	250.00000	75.00000 DAY	3,750.00	1,125.00	30.00%	-2,625.00
0280	630-00012 Traffic Control Management	85.000	850.00000	910.00000 DAY	72,250.00	77,350.00	107.06%	5,100.00
0285	630-80341 Construction Traffic Sign (Panel Size A)	20.000	45.00000	62.00000 EACH	900.00	1,240.00	137.78%	340.00
0290	630-80342 Construction Traffic Sign (Panel Size B)	50.000	45.00000	220.00000 EACH	2,250.00	11,000.00	488.89%	8,750.00
0295	630-80343 Construction Traffic Sign (Panel Size C)	8.000	45.00000	220.00000 EACH	360.00	1,760.00	488.89%	1,400.00
0300	630-80355 Portable Message Sign Panel	2.000	5,250.00000	1,500.00000 EACH	10,500.00	3,000.00	28.57%	-7,500.00

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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						
0305	630-80357 Advance Warning Flashing or Sequencing Arrow Panel (B Type)	2.000	2,250.00000	1,500.00000 EACH	4,500.00	3,000.00	66.67%	-1,500.00
0310	630-80360 Drum Channelizing Device	60.000	35.00000	63.00000 EACH	2,100.00	3,780.00	180.00%	1,680.00
0315	630-80380 Traffic Cone	100.000	10.00000	19.00000 EACH	1,000.00	1,900.00	190.00%	900.00
0320	630-80393 Stackable Vertical Panels	100.000	25.00000	28.00000 EACH	2,500.00	2,800.00	112.00%	300.00
0325	630-85041 Mobile Attenuator	50.000	5,000.00000	750.00000 DAY	250,000.00	37,500.00	15.00%	-212,500.00
Section 0001 Subtotal					\$1,428,050.00	\$988,855.80	69.25%	-\$439,194.20
Contract Total for Calculated Low Bidders Bid Items					\$1,428,050.00	\$988,855.80	69.25%	-\$439,194.20