

Colorado Department Of Transportation

Printed On: 04/15/2021

Low Bid Summary

Page 1 of 1

Letting Date: April 15, 2021

Call Order	Contract ID	Project(s)	# of Bids	Low Bidder	Estimated Cost	Corrected Bid	Percent of Estimate	Overrun (+) Underrun (-)
006	C23355	SHE2873-202	3	INTERFACE COMMUNICATIONS COMPANY	\$1,032,745.00	\$900,069.00	87.15%	-\$132,676.00
Letting Totals			3		\$1,032,745.00	\$900,069.00	87.15%	-\$132,676.00

Vendor Ranking

Contract ID: C23355

Contract Description:

The project will update traffic signals, improve pedestrian routes and curb ramps, and replace signal poles at US-36 ramps.

These are the three intersections, all within Region 1:

- SH-287 & Cottonwood Drive
- SH-287 & US-36 EB on-ramp
- SH-287 & 74th Avenue

Rank	Vendor ID	Vendor Name	Total Bid	Percent Of Low Bid	Percent Of Estimate
1	1231A	INTERFACE COMMUNICATIONS COMPANY	\$900,069.00	100.00%	87.15%
0	-EST-	Engineer's Estimate	\$1,032,745.00	114.74%	100.00%
2	720A	STURGEON ELECTRIC COMPANY, INC.	\$1,131,946.00	125.76%	109.61%
3	2101	TechCon Infrastructure, LLC	\$1,176,051.00	130.66%	113.88%

Tabulation of Bids

Contract ID: C23355

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1231A INTERFACE COMMUNICATIONS		(2) 720A STURGEON ELECTRIC COMPANY, INC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS						
						LCC:		
202-00190	Removal of Concrete Median Cover Material	44.000 SY	25.00000	1,100.00	22.00000	968.00	105.00000	4,620.00
202-00200	Removal of Sidewalk	90.000 SY	40.00000	3,600.00	25.00000	2,250.00	54.00000	4,860.00
202-00203	Removal of Curb and Gutter	222.000 LF	16.00000	3,552.00	15.00000	3,330.00	25.00000	5,550.00
202-00206	Removal of Concrete Curb Ramp	199.000 SY	40.00000	7,960.00	33.00000	6,567.00	52.00000	10,348.00
202-00250	Removal of Pavement Marking	916.000 SF	5.00000	4,580.00	6.00000	5,496.00	6.00000	5,496.00
202-00810	Removal of Ground Sign	1.000 EACH	200.00000	200.00	75.00000	75.00	200.00000	200.00
202-00821	Removal of Sign Panel	1.000 EACH	100.00000	100.00	20.00000	20.00	75.00000	75.00
202-00828	Removal of Traffic Signal Equipment	1.000 L S	10,000.00000	10,000.00	10,960.00000	10,960.00	18,100.00000	18,100.00
202-04010	Clean Inlet	8.000 EACH	800.00000	6,400.00	569.00000	4,552.00	1,525.00000	12,200.00
203-01597	Potholing	40.000 HOUR	240.00000	9,600.00	285.00000	11,400.00	370.00000	14,800.00
208-00002	Erosion Log Type 1 (12 Inch)	100.000 LF	5.00000	500.00	6.00000	600.00	18.00000	1,800.00
208-00035	Aggregate Bag	100.000 LF	10.00000	1,000.00	19.00000	1,900.00	12.00000	1,200.00
208-00045	Concrete Washout Structure	2.000 EACH	1,000.00000	2,000.00	748.00000	1,496.00	245.00000	490.00
208-00103	Removal and Disposal of Sediment (Labor)	30.000 HOUR	58.00000	1,740.00	52.00000	1,560.00	63.00000	1,890.00
208-00105	Removal and Disposal of Sediment (Equipment)	30.000 HOUR	122.00000	3,660.00	71.00000	2,130.00	155.00000	4,650.00

Tabulation of Bids

Contract ID: C23355

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1231A INTERFACE COMMUNICATIONS COMPANY		(2) 720A STURGEON ELECTRIC COMPANY, INC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS			LCC:			
208-00106	Sweeping (Sediment Removal)	30.000 HOUR	154.00000	4,620.00	71.00000	2,130.00	255.00000	7,650.00
210-00815	Reset Sign Panel	1.000 EACH	250.00000	250.00	133.00000	133.00	275.00000	275.00
210-00867	Reset Fire Preemption Unit	2.000 EACH	850.00000	1,700.00	547.00000	1,094.00	1,075.00000	2,150.00
212-00006	Seeding (Native)	0.100 ACRE	5,000.00000	500.00	7,912.00000	791.20	6,950.00000	695.00
212-00032	Soil Conditioning	0.100 ACRE	10,000.00000	1,000.00	6,696.00000	669.60	9,940.00000	994.00
212-01200	Landscape Restoration	1.000 L S	5,000.00000	5,000.00	5,348.00000	5,348.00	4,000.00000	4,000.00
216-00101	Soil Retention Blanket (Straw-Coconut) (Photodegradable Class 1)	100.000 SY	5.00000	500.00	4.00000	400.00	7.00000	700.00
403-00720	Hot Mix Asphalt (Patching) (Asphalt)	8.000 TON	400.00000	3,200.00	403.00000	3,224.00	330.00000	2,640.00
503-00036	Drilled Shaft (36 Inch)	38.000 LF	375.00000	14,250.00	375.00000	14,250.00	610.00000	23,180.00
503-00048	Drilled Shaft (48 Inch)	42.000 LF	550.00000	23,100.00	481.00000	20,202.00	670.00000	28,140.00
503-00054	Drilled Shaft (54 Inch)	21.000 LF	650.00000	13,650.00	536.00000	11,256.00	755.00000	15,855.00
608-00000	Concrete Sidewalk	90.000 SY	125.00000	11,250.00	78.00000	7,020.00	135.00000	12,150.00
608-00010	Concrete Curb Ramp	223.000 SY	195.00000	43,485.00	167.00000	37,241.00	205.00000	45,715.00
609-21010	Curb and Gutter Type 2 (Section I-B)	113.000 LF	35.00000	3,955.00	30.00000	3,390.00	60.00000	6,780.00
609-21020	Curb and Gutter Type 2 (Section II-B)	138.000 LF	45.00000	6,210.00	31.00000	4,278.00	62.00000	8,556.00

Tabulation of Bids

Contract ID: C23355

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1231A INTERFACE COMMUNICATIONS COMPANY		(2) 720A STURGEON ELECTRIC COMPANY, INC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS						
						LCC:		
610-00030	Median Cover Material (Concrete)	56.000 SF	25.00000	1,400.00	23.00000	1,288.00	75.00000	4,200.00
613-00206	2 Inch Electrical Conduit (Bored)	1,152.000 LF	16.00000	18,432.00	22.00000	25,344.00	20.00000	23,040.00
613-00306	3 Inch Electrical Conduit (Bored)	1,500.000 LF	18.50000	27,750.00	24.00000	36,000.00	22.00000	33,000.00
613-01200	2 Inch Electrical Conduit (Plastic)	384.000 LF	15.00000	5,760.00	16.00000	6,144.00	18.00000	6,912.00
613-01300	3 Inch Electrical Conduit (Plastic)	500.000 LF	17.00000	8,500.00	16.00000	8,000.00	20.00000	10,000.00
613-07001	Type One Pull Box	7.000 EACH	800.00000	5,600.00	596.00000	4,172.00	820.00000	5,740.00
613-07004	Type Four Pull Box	12.000 EACH	1,500.00000	18,000.00	1,183.00000	14,196.00	1,805.00000	21,660.00
613-07005	Type Five Pull Box	2.000 EACH	1,650.00000	3,300.00	1,586.00000	3,172.00	2,480.00000	4,960.00
613-10000	Wiring	1.000 L S	15,000.00000	15,000.00	11,659.00000	11,659.00	22,800.00000	22,800.00
613-13006	Luminaire (LED) (6,000 Lumens)	5.000 EACH	750.00000	3,750.00	725.00000	3,625.00	1,125.00000	5,625.00
613-80130	Service Meter Cabinet	2.000 EACH	4,500.00000	9,000.00	7,251.00000	14,502.00	7,230.00000	14,460.00
614-00011	Sign Panel (Class I)	97.000 SF	25.00000	2,425.00	24.00000	2,328.00	38.00000	3,686.00
614-00012	Sign Panel (Class II)	83.000 SF	35.00000	2,905.00	32.00000	2,656.00	51.00000	4,233.00
614-01583	Steel Sign Support (2-1/2 In Round Sch 80) (Post & Slipbase)	11.000 EACH	500.00000	5,500.00	563.00000	6,193.00	785.00000	8,635.00
614-70024	1310nm SFP Optic Module	2.000 EACH	400.00000	800.00	403.00000	806.00	255.00000	510.00

Tabulation of Bids

Contract ID: C23355

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1231A INTERFACE COMMUNICATIONS COMPANY		(2) 720A STURGEON ELECTRIC COMPANY, INC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS			LCC:			
614-70030	Optical Attenuator	2.000 EACH	250.00000	500.00	252.00000	504.00	70.00000	140.00
614-70150	Pedestrian Signal Face (16) (Countdown)	6.000 EACH	625.00000	3,750.00	420.00000	2,520.00	730.00000	4,380.00
614-70336	Traffic Signal Face (12-12-12)	26.000 EACH	800.00000	20,800.00	534.00000	13,884.00	1,050.00000	27,300.00
614-70448	Traffic Signal Face (12-12-12-12)	10.000 EACH	1,100.00000	11,000.00	700.00000	7,000.00	1,250.00000	12,500.00
614-72836	Conflict Monitor	2.000 EACH	920.00000	1,840.00	1,220.00000	2,440.00	885.00000	1,770.00
614-72855	Traffic Signal Controller Cabinet	2.000 EACH	28,500.00000	57,000.00	14,160.00000	28,320.00	17,550.00000	35,100.00
614-72860	Pedestrian Push Button	6.000 EACH	630.00000	3,780.00	309.00000	1,854.00	330.00000	1,980.00
614-72863	Pedestrian Push Button Post Assembly	3.000 EACH	1,000.00000	3,000.00	1,220.00000	3,660.00	1,450.00000	4,350.00
614-72885	Traffic Signal Vehicle Detector (Special)	18.000 EACH	8,500.00000	153,000.00	6,749.00000	121,482.00	7,060.00000	127,080.00
614-80003	Rectangular Rapid Flashing Beacon	4.000 EACH	10,000.00000	40,000.00	4,040.00000	16,160.00	8,125.00000	32,500.00
614-81135	Traffic Signal-Light Pole Steel (1-35 Foot Mast Arm)	1.000 EACH	12,500.00000	12,500.00	18,348.00000	18,348.00	16,860.00000	16,860.00
614-81155	Traffic Signal-Light Pole Steel (1-55 Foot Mast Arm)	1.000 EACH	15,000.00000	15,000.00	20,662.00000	20,662.00	20,450.00000	20,450.00
614-81160	Traffic Signal Light Pole Steel (1-60 Foot Mast Arm)	1.000 EACH	24,000.00000	24,000.00	27,783.00000	27,783.00	31,205.00000	31,205.00
614-81165	Traffic Signal-Light Pole Steel (1-65 Foot Mast Arm)	1.000 EACH	20,500.00000	20,500.00	28,022.00000	28,022.00	31,800.00000	31,800.00

Tabulation of Bids

Contract ID: C23355

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1231A INTERFACE COMMUNICATIONS COMPANY		(2) 720A STURGEON ELECTRIC COMPANY, INC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS			LCC:			
614-81175	Traffic Signal-Light Pole Steel (1-75 Foot Mast Arm)	1.000 EACH	25,000.00000	25,000.00	30,908.00000	30,908.00	34,180.00000	34,180.00
614-84000	Traffic Signal Pedestal Pole Steel	2.000 EACH	2,750.00000	5,500.00	2,258.00000	4,516.00	3,465.00000	6,930.00
614-86248	Traffic Signal Controller (Type 2070LC)	3.000 EACH	6,000.00000	18,000.00	5,032.00000	15,096.00	5,185.00000	15,555.00
614-86800	Uninterrupted Power Supply	2.000 EACH	7,000.00000	14,000.00	5,291.00000	10,582.00	5,670.00000	11,340.00
614-87010	Fiber Optic Cable (Single Mode) (12 Fiber)	200.000 LF	9.00000	1,800.00	24.00000	4,800.00	8.00000	1,600.00
614-87012	Fiber Optic Termination Panel (12 Fiber)	2.000 EACH	1,000.00000	2,000.00	730.00000	1,460.00	1,910.00000	3,820.00
614-87015	Buffer Tube Fan Out Kit	2.000 EACH	500.00000	1,000.00	73.00000	146.00	760.00000	1,520.00
614-87320	Closed Circuit Television	7.000 EACH	4,850.00000	33,950.00	3,757.00000	26,299.00	4,615.00000	32,305.00
614-87350	Test Fiber Optic Cable	1.000 L S	4,000.00000	4,000.00	6,504.00000	6,504.00	6,200.00000	6,200.00
614-87512	Splice Fiber Optic Cable (12 Strand)	2.000 EACH	1,000.00000	2,000.00	804.00000	1,608.00	2,415.00000	4,830.00
614-87692	Ethernet Switch Type II	2.000 EACH	4,000.00000	8,000.00	3,105.00000	6,210.00	3,030.00000	6,060.00
620-00001	Field Office (Class 1)	1.000 EACH	20,000.00000	20,000.00	11,771.00000	11,771.00	20,215.00000	20,215.00
620-00020	Sanitary Facility	1.000 EACH	2,000.00000	2,000.00	928.00000	928.00	3,940.00000	3,940.00
625-00000	Construction Surveying	1.000 L S	10,000.00000	10,000.00	7,728.00000	7,728.00	9,200.00000	9,200.00
625-00001	Construction Surveying (Hourly)	10.000 HOUR	200.00000	2,000.00	184.00000	1,840.00	180.00000	1,800.00

Tabulation of Bids

Contract ID: C23355

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1231A INTERFACE COMMUNICATIONS COMPANY		(2) 720A STURGEON ELECTRIC COMPANY, INC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS						
						LCC:		
626-00000	Mobilization	1.000 L S	55,000.00000	55,000.00	48,652.20000	48,652.20	41,000.00000	41,000.00
626-01113	Public Information Management (Tier III)	130.000 DAY	85.00000	11,050.00	79.00000	10,270.00	72.00000	9,360.00
627-00008	Modified Epoxy Pavement Marking	5.000 GAL	350.00000	1,750.00	639.00000	3,195.00	610.00000	3,050.00
627-30405	Preformed Thermoplastic Pavement Marking (Word-Symbol)	100.000 SF	12.00000	1,200.00	29.00000	2,900.00	29.00000	2,900.00
627-30410	Preformed Thermoplastic Pavement Marking (Xwalk-Stop Line)	1,418.000 SF	12.00000	17,016.00	12.00000	17,016.00	12.00000	17,016.00
630-00000	Flagging	300.000 HOUR	35.00000	10,500.00	35.00000	10,500.00	29.00000	8,700.00
630-00003	Uniformed Traffic Control	70.000 HOUR	110.00000	7,700.00	92.00000	6,440.00	150.00000	10,500.00
630-00004	Traffic Control Vehicle	2.000 EACH	4,500.00000	9,000.00	1,150.00000	2,300.00	1,050.00000	2,100.00
630-00007	Traffic Control Inspection	20.000 DAY	195.00000	3,900.00	58.00000	1,160.00	160.00000	3,200.00
630-00012	Traffic Control Management	65.000 DAY	875.00000	56,875.00	805.00000	52,325.00	1,080.00000	70,200.00
630-80335	Barricade (Type 3 M-A) (Temporary)	10.000 EACH	250.00000	2,500.00	58.00000	580.00	200.00000	2,000.00
630-80341	Construction Traffic Sign (Panel Size A)	20.000 EACH	40.00000	800.00	46.00000	920.00	42.00000	840.00
630-80342	Construction Traffic Sign (Panel Size B)	50.000 EACH	65.00000	3,250.00	58.00000	2,900.00	53.00000	2,650.00
630-80343	Construction Traffic Sign (Panel Size C)	10.000 EACH	80.00000	800.00	69.00000	690.00	63.00000	630.00
630-80355	Portable Message Sign Panel	1.000 EACH	3,500.00000	3,500.00	2,300.00000	2,300.00	4,410.00000	4,410.00

Tabulation of Bids

Contract ID: C23355

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1231A INTERFACE COMMUNICATIONS COMPANY		(2) 720A STURGEON ELECTRIC COMPANY, INC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS						
						LCC:		
630-80357	Advance Warning Flashing or Sequencing Arrow Panel (B Type)	2.000 EACH	1,500.00000	3,000.00	460.00000	920.00	1,575.00000	3,150.00
630-80360	Drum Channelizing Device	80.000 EACH	40.00000	3,200.00	35.00000	2,800.00	37.00000	2,960.00
630-80380	Traffic Cone	100.000 EACH	10.00000	1,000.00	6.00000	600.00	10.00000	1,000.00
630-85020	Mobile Attenuator	1.000 EACH	8,000.00000	8,000.00	5,750.00000	5,750.00	24,150.00000	24,150.00
Section Totals:				\$1,032,745.00		\$900,069.00		\$1,131,946.00
Contract Grand Totals				\$1,032,745.00		\$900,069.00		\$1,131,946.00

Tabulation of Bids

Contract ID: C23355

				(3) 2101 TechCon Infrastructure, LLC					
Item Code	Description	Quantity		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS				LCC:			
202-00190	Removal of Concrete Median Cover Material	44.000	SY	47.00000	2,068.00				
202-00200	Removal of Sidewalk	90.000	SY	38.00000	3,420.00				
202-00203	Removal of Curb and Gutter	222.000	LF	16.00000	3,552.00				
202-00206	Removal of Concrete Curb Ramp	199.000	SY	34.00000	6,766.00				
202-00250	Removal of Pavement Marking	916.000	SF	6.00000	5,496.00				
202-00810	Removal of Ground Sign	1.000	EACH	180.00000	180.00				
202-00821	Removal of Sign Panel	1.000	EACH	100.00000	100.00				
202-00828	Removal of Traffic Signal Equipment	1.000	L S	11,700.00000	11,700.00				
202-04010	Clean Inlet	8.000	EACH	850.00000	6,800.00				
203-01597	Potholing	40.000	HOUR	310.00000	12,400.00				
208-00002	Erosion Log Type 1 (12 Inch)	100.000	LF	11.00000	1,100.00				
208-00035	Aggregate Bag	100.000	LF	11.00000	1,100.00				
208-00045	Concrete Washout Structure	2.000	EACH	990.00000	1,980.00				
208-00103	Removal and Disposal of Sediment (Labor)	30.000	HOUR	40.00000	1,200.00				
208-00105	Removal and Disposal of Sediment (Equipment)	30.000	HOUR	105.00000	3,150.00				

Tabulation of Bids

Contract ID: C23355

				(3) 2101 TechCon Infrastructure, LLC					
Item Code	Description	Quantity		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS		LCC:					
208-00106	Sweeping (Sediment Removal)	30.000	HOUR	100.00000	3,000.00				
210-00815	Reset Sign Panel	1.000	EACH	160.00000	160.00				
210-00867	Reset Fire Preemption Unit	2.000	EACH	540.00000	1,080.00				
212-00006	Seeding (Native)	0.100	ACRE	2,500.00000	250.00				
212-00032	Soil Conditioning	0.100	ACRE	3,750.00000	375.00				
212-01200	Landscape Restoration	1.000	L S	3,000.00000	3,000.00				
216-00101	Soil Retention Blanket (Straw-Coconut) (Photodegradable Class 1)	100.000	SY	4.85000	485.00				
403-00720	Hot Mix Asphalt (Patching) (Asphalt)	8.000	TON	540.00000	4,320.00				
503-00036	Drilled Shaft (36 Inch)	38.000	LF	490.00000	18,620.00				
503-00048	Drilled Shaft (48 Inch)	42.000	LF	810.00000	34,020.00				
503-00054	Drilled Shaft (54 Inch)	21.000	LF	1,000.00000	21,000.00				
608-00000	Concrete Sidewalk	90.000	SY	79.00000	7,110.00				
608-00010	Concrete Curb Ramp	223.000	SY	175.00000	39,025.00				
609-21010	Curb and Gutter Type 2 (Section I-B)	113.000	LF	24.00000	2,712.00				
609-21020	Curb and Gutter Type 2 (Section II-B)	138.000	LF	30.00000	4,140.00				

Tabulation of Bids

Contract ID: C23355

				(3) 2101 TechCon Infrastructure, LLC					
Item Code	Description	Quantity		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS				LCC:			
610-00030	Median Cover Material (Concrete)	56.000	SF	36.25000	2,030.00				
613-00206	2 Inch Electrical Conduit (Bored)	1,152.000	LF	17.50000	20,160.00				
613-00306	3 Inch Electrical Conduit (Bored)	1,500.000	LF	18.25000	27,375.00				
613-01200	2 Inch Electrical Conduit (Plastic)	384.000	LF	15.75000	6,048.00				
613-01300	3 Inch Electrical Conduit (Plastic)	500.000	LF	19.25000	9,625.00				
613-07001	Type One Pull Box	7.000	EACH	740.00000	5,180.00				
613-07004	Type Four Pull Box	12.000	EACH	1,600.00000	19,200.00				
613-07005	Type Five Pull Box	2.000	EACH	2,000.00000	4,000.00				
613-10000	Wiring	1.000	L S	10,000.00000	10,000.00				
613-13006	Luminaire (LED) (6,000 Lumens)	5.000	EACH	1,300.00000	6,500.00				
613-80130	Service Meter Cabinet	2.000	EACH	6,200.00000	12,400.00				
614-00011	Sign Panel (Class I)	97.000	SF	36.00000	3,492.00				
614-00012	Sign Panel (Class II)	83.000	SF	42.00000	3,486.00				
614-01583	Steel Sign Support (2-1/2 In Round Sch 80) (Post & Slipbase)	11.000	EACH	590.00000	6,490.00				
614-70024	1310nm SFP Optic Module	2.000	EACH	470.00000	940.00				

Tabulation of Bids

Contract ID: C23355

				(3) 2101 TechCon Infrastructure, LLC					
Item Code	Description	Quantity		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS					LCC:		
614-70030	Optical Attenuator	2.000 EACH		150.00000	300.00				
614-70150	Pedestrian Signal Face (16) (Countdown)	6.000 EACH		540.00000	3,240.00				
614-70336	Traffic Signal Face (12-12-12)	26.000 EACH		770.00000	20,020.00				
614-70448	Traffic Signal Face (12-12-12-12)	10.000 EACH		1,100.00000	11,000.00				
614-72836	Conflict Monitor	2.000 EACH		1,600.00000	3,200.00				
614-72855	Traffic Signal Controller Cabinet	2.000 EACH		19,000.00000	38,000.00				
614-72860	Pedestrian Push Button	6.000 EACH		350.00000	2,100.00				
614-72863	Pedestrian Push Button Post Assembly	3.000 EACH		1,900.00000	5,700.00				
614-72885	Traffic Signal Vehicle Detector (Special)	18.000 EACH		9,300.00000	167,400.00				
614-80003	Rectangular Rapid Flashing Beacon	4.000 EACH		6,000.00000	24,000.00				
614-81135	Traffic Signal-Light Pole Steel (1-35 Foot Mast Arm)	1.000 EACH		19,000.00000	19,000.00				
614-81155	Traffic Signal-Light Pole Steel (1-55 Foot Mast Arm)	1.000 EACH		21,000.00000	21,000.00				
614-81160	Traffic Signal Light Pole Steel (1-60 Foot Mast Arm)	1.000 EACH		35,000.00000	35,000.00				
614-81165	Traffic Signal-Light Pole Steel (1-65 Foot Mast Arm)	1.000 EACH		36,000.00000	36,000.00				

Tabulation of Bids

Contract ID: C23355

				(3) 2101 TechCon Infrastructure, LLC					
Item Code	Description	Quantity		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS		LCC:					
614-81175	Traffic Signal-Light Pole Steel (1-75 Foot Mast Arm)	1.000	EACH	38,000.00000	38,000.00				
614-84000	Traffic Signal Pedestal Pole Steel	2.000	EACH	2,800.00000	5,600.00				
614-86248	Traffic Signal Controller (Type 2070LC)	3.000	EACH	6,500.00000	19,500.00				
614-86800	Uninterrupted Power Supply	2.000	EACH	7,300.00000	14,600.00				
614-87010	Fiber Optic Cable (Single Mode) (12 Fiber)	200.000	LF	6.00000	1,200.00				
614-87012	Fiber Optic Termination Panel (12 Fiber)	2.000	EACH	1,300.00000	2,600.00				
614-87015	Buffer Tube Fan Out Kit	2.000	EACH	470.00000	940.00				
614-87320	Closed Circuit Television	7.000	EACH	7,700.00000	53,900.00				
614-87350	Test Fiber Optic Cable	1.000	L S	3,000.00000	3,000.00				
614-87512	Splice Fiber Optic Cable (12 Strand)	2.000	EACH	1,200.00000	2,400.00				
614-87692	Ethernet Switch Type II	2.000	EACH	6,000.00000	12,000.00				
620-00001	Field Office (Class 1)	1.000	EACH	12,000.00000	12,000.00				
620-00020	Sanitary Facility	1.000	EACH	1,800.00000	1,800.00				
625-00000	Construction Surveying	1.000	L S	14,500.00000	14,500.00				
625-00001	Construction Surveying (Hourly)	10.000	HOUR	180.00000	1,800.00				

Tabulation of Bids

Contract ID: C23355

				(3) 2101 TechCon Infrastructure, LLC					
Item Code	Description	Quantity		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS				LCC:			
626-00000	Mobilization	1.000	L S	113,000.00000	113,000.00				
626-01113	Public Information Management (Tier III)	130.000	DAY	96.00000	12,480.00				
627-00008	Modified Epoxy Pavement Marking	5.000	GAL	680.00000	3,400.00				
627-30405	Preformed Thermoplastic Pavement Marking (Word-Symbol)	100.000	SF	30.50000	3,050.00				
627-30410	Preformed Thermoplastic Pavement Marking (Xwalk-Stop Line)	1,418.000	SF	12.00000	17,016.00				
630-00000	Flagging	300.000	HOUR	42.00000	12,600.00				
630-00003	Uniformed Traffic Control	70.000	HOUR	90.00000	6,300.00				
630-00004	Traffic Control Vehicle	2.000	EACH	970.00000	1,940.00				
630-00007	Traffic Control Inspection	20.000	DAY	120.00000	2,400.00				
630-00012	Traffic Control Management	65.000	DAY	970.00000	63,050.00				
630-80335	Barricade (Type 3 M-A) (Temporary)	10.000	EACH	60.00000	600.00				
630-80341	Construction Traffic Sign (Panel Size A)	20.000	EACH	60.00000	1,200.00				
630-80342	Construction Traffic Sign (Panel Size B)	50.000	EACH	60.00000	3,000.00				
630-80343	Construction Traffic Sign (Panel Size C)	10.000	EACH	60.00000	600.00				
630-80355	Portable Message Sign Panel	1.000	EACH	1,800.00000	1,800.00				

Tabulation of Bids

Contract ID: C23355

			(3) 2101 TechCon Infrastructure, LLC					
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	730.00000	1,460.00				
630-80360	Drum Channelizing Device	80.000 EACH	24.00000	1,920.00				
630-80380	Traffic Cone	100.000 EACH	12.00000	1,200.00				
630-85020	Mobile Attenuator	1.000 EACH	22,000.00000	22,000.00				
Section Totals:				\$1,176,051.00				
Contract Grand Totals				\$1,176,051.00				

Colorado Department Of Transportation

Printed On: 04/15/2021

Low Bid Item Analysis

Page 1 of 9

Contract ID: C23355

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0005	202-00190 Removal of Concrete Median Cover Material	44.000	25.00000	22.00000 SY	1,100.00	968.00	88.00%	-132.00
0010	202-00200 Removal of Sidewalk	90.000	40.00000	25.00000 SY	3,600.00	2,250.00	62.50%	-1,350.00
0015	202-00203 Removal of Curb and Gutter	222.000	16.00000	15.00000 LF	3,552.00	3,330.00	93.75%	-222.00
0020	202-00206 Removal of Concrete Curb Ramp	199.000	40.00000	33.00000 SY	7,960.00	6,567.00	82.50%	-1,393.00
0025	202-00250 Removal of Pavement Marking	916.000	5.00000	6.00000 SF	4,580.00	5,496.00	120.00%	916.00
0030	202-00810 Removal of Ground Sign	1.000	200.00000	75.00000 EACH	200.00	75.00	37.50%	-125.00
0035	202-00821 Removal of Sign Panel	1.000	100.00000	20.00000 EACH	100.00	20.00	20.00%	-80.00
0040	202-00828 Removal of Traffic Signal Equipment	1.000	10,000.00000	10,960.00000 L S	10,000.00	10,960.00	109.60%	960.00
0045	202-04010 Clean Inlet	8.000	800.00000	569.00000 EACH	6,400.00	4,552.00	71.13%	-1,848.00
0050	203-01597 Potholing	40.000	240.00000	285.00000 HOUR	9,600.00	11,400.00	118.75%	1,800.00
0055	208-00002 Erosion Log Type 1 (12 Inch)	100.000	5.00000	6.00000 LF	500.00	600.00	120.00%	100.00
0060	208-00035 Aggregate Bag	100.000	10.00000	19.00000 LF	1,000.00	1,900.00	190.00%	900.00

Colorado Department Of Transportation

Printed On: 04/15/2021

Low Bid Item Analysis

Page 2 of 9

Contract ID: C23355

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0065	208-00045 Concrete Washout Structure	2.000	1,000.00000	748.00000 EACH	2,000.00	1,496.00	74.80%	-504.00
0070	208-00103 Removal and Disposal of Sediment (Labor)	30.000	58.00000	52.00000 HOUR	1,740.00	1,560.00	89.66%	-180.00
0075	208-00105 Removal and Disposal of Sediment (Equipment)	30.000	122.00000	71.00000 HOUR	3,660.00	2,130.00	58.20%	-1,530.00
0080	208-00106 Sweeping (Sediment Removal)	30.000	154.00000	71.00000 HOUR	4,620.00	2,130.00	46.10%	-2,490.00
0085	210-00815 Reset Sign Panel	1.000	250.00000	133.00000 EACH	250.00	133.00	53.20%	-117.00
0090	210-00867 Reset Fire Preemption Unit	2.000	850.00000	547.00000 EACH	1,700.00	1,094.00	64.35%	-606.00
0095	212-00006 Seeding (Native)	0.100	5,000.00000	7,912.00000 ACRE	500.00	791.20	158.24%	291.20
0100	212-00032 Soil Conditioning	0.100	10,000.00000	6,696.00000 ACRE	1,000.00	669.60	66.96%	-330.40
0105	212-01200 Landscape Restoration	1.000	5,000.00000	5,348.00000 L S	5,000.00	5,348.00	106.96%	348.00
0110	216-00101 Soil Retention Blanket (Straw-Coconut) (Photodegradable Class 1)	100.000	5.00000	4.00000 SY	500.00	400.00	80.00%	-100.00
0115	403-00720 Hot Mix Asphalt (Patching) (Asphalt)	8.000	400.00000	403.00000 TON	3,200.00	3,224.00	100.75%	24.00
0120	503-00036 Drilled Shaft (36 Inch)	38.000	375.00000	375.00000 LF	14,250.00	14,250.00	100.00%	0.00

Colorado Department Of Transportation

Printed On: 04/15/2021

Low Bid Item Analysis

Page 3 of 9

Contract ID: C23355

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0125	503-00048 Drilled Shaft (48 Inch)	42.000	550.00000	481.00000 LF	23,100.00	20,202.00	87.45%	-2,898.00
0130	503-00054 Drilled Shaft (54 Inch)	21.000	650.00000	536.00000 LF	13,650.00	11,256.00	82.46%	-2,394.00
0135	608-00000 Concrete Sidewalk	90.000	125.00000	78.00000 SY	11,250.00	7,020.00	62.40%	-4,230.00
0140	608-00010 Concrete Curb Ramp	223.000	195.00000	167.00000 SY	43,485.00	37,241.00	85.64%	-6,244.00
0145	609-21010 Curb and Gutter Type 2 (Section I-B)	113.000	35.00000	30.00000 LF	3,955.00	3,390.00	85.71%	-565.00
0150	609-21020 Curb and Gutter Type 2 (Section II-B)	138.000	45.00000	31.00000 LF	6,210.00	4,278.00	68.89%	-1,932.00
0155	610-00030 Median Cover Material (Concrete)	56.000	25.00000	23.00000 SF	1,400.00	1,288.00	92.00%	-112.00
0160	613-00206 2 Inch Electrical Conduit (Bored)	1,152.000	16.00000	22.00000 LF	18,432.00	25,344.00	137.50%	6,912.00
0165	613-00306 3 Inch Electrical Conduit (Bored)	1,500.000	18.50000	24.00000 LF	27,750.00	36,000.00	129.73%	8,250.00
0170	613-01200 2 Inch Electrical Conduit (Plastic)	384.000	15.00000	16.00000 LF	5,760.00	6,144.00	106.67%	384.00
0175	613-01300 3 Inch Electrical Conduit (Plastic)	500.000	17.00000	16.00000 LF	8,500.00	8,000.00	94.12%	-500.00
0180	613-07001 Type One Pull Box	7.000	800.00000	596.00000 EACH	5,600.00	4,172.00	74.50%	-1,428.00

Colorado Department Of Transportation

Printed On: 04/15/2021

Low Bid Item Analysis

Page 4 of 9

Contract ID: C23355

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0185	613-07004 Type Four Pull Box	12.000	1,500.00000	1,183.00000 EACH	18,000.00	14,196.00	78.87%	-3,804.00
0190	613-07005 Type Five Pull Box	2.000	1,650.00000	1,586.00000 EACH	3,300.00	3,172.00	96.12%	-128.00
0195	613-10000 Wiring	1.000	15,000.00000	11,659.00000 L S	15,000.00	11,659.00	77.73%	-3,341.00
0200	613-13006 Luminaire (LED) (6,000 Lumens)	5.000	750.00000	725.00000 EACH	3,750.00	3,625.00	96.67%	-125.00
0205	613-80130 Service Meter Cabinet	2.000	4,500.00000	7,251.00000 EACH	9,000.00	14,502.00	161.13%	5,502.00
0210	614-00011 Sign Panel (Class I)	97.000	25.00000	24.00000 SF	2,425.00	2,328.00	96.00%	-97.00
0215	614-00012 Sign Panel (Class II)	83.000	35.00000	32.00000 SF	2,905.00	2,656.00	91.43%	-249.00
0220	614-01583 Steel Sign Support (2-1/2 In Round Sch 80) (Post & Slipbase)	11.000	500.00000	563.00000 EACH	5,500.00	6,193.00	112.60%	693.00
0225	614-70024 1310nm SFP Optic Module	2.000	400.00000	403.00000 EACH	800.00	806.00	100.75%	6.00
0230	614-70030 Optical Attenuator	2.000	250.00000	252.00000 EACH	500.00	504.00	100.80%	4.00
0235	614-70150 Pedestrian Signal Face (16) (Countdown)	6.000	625.00000	420.00000 EACH	3,750.00	2,520.00	67.20%	-1,230.00
0240	614-70336 Traffic Signal Face (12-12-12)	26.000	800.00000	534.00000 EACH	20,800.00	13,884.00	66.75%	-6,916.00

Colorado Department Of Transportation

Printed On: 04/15/2021

Low Bid Item Analysis

Page 5 of 9

Contract ID: C23355

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0245	614-70448 Traffic Signal Face (12-12-12-12)	10.000	1,100.00000	700.00000 EACH	11,000.00	7,000.00	63.64%	-4,000.00
0250	614-72836 Conflict Monitor	2.000	920.00000	1,220.00000 EACH	1,840.00	2,440.00	132.61%	600.00
0255	614-72855 Traffic Signal Controller Cabinet	2.000	28,500.00000	14,160.00000 EACH	57,000.00	28,320.00	49.68%	-28,680.00
0260	614-72860 Pedestrian Push Button	6.000	630.00000	309.00000 EACH	3,780.00	1,854.00	49.05%	-1,926.00
0265	614-72863 Pedestrian Push Button Post Assembly	3.000	1,000.00000	1,220.00000 EACH	3,000.00	3,660.00	122.00%	660.00
0270	614-72885 Traffic Signal Vehicle Detector (Special)	18.000	8,500.00000	6,749.00000 EACH	153,000.00	121,482.00	79.40%	-31,518.00
0275	614-80003 Rectangular Rapid Flashing Beacon	4.000	10,000.00000	4,040.00000 EACH	40,000.00	16,160.00	40.40%	-23,840.00
0280	614-81135 Traffic Signal-Light Pole Steel (1-35 Foot Mast Arm)	1.000	12,500.00000	18,348.00000 EACH	12,500.00	18,348.00	146.78%	5,848.00
0285	614-81155 Traffic Signal-Light Pole Steel (1-55 Foot Mast Arm)	1.000	15,000.00000	20,662.00000 EACH	15,000.00	20,662.00	137.75%	5,662.00
0290	614-81160 Traffic Signal Light Pole Steel (1-60 Foot Mast Arm)	1.000	24,000.00000	27,783.00000 EACH	24,000.00	27,783.00	115.76%	3,783.00
0295	614-81165 Traffic Signal-Light Pole Steel (1-65 Foot Mast Arm)	1.000	20,500.00000	28,022.00000 EACH	20,500.00	28,022.00	136.69%	7,522.00

Colorado Department Of Transportation

Printed On: 04/15/2021

Low Bid Item Analysis

Page 6 of 9

Contract ID: C23355

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0300	614-81175 Traffic Signal-Light Pole Steel (1-75 Foot Mast Arm)	1.000	25,000.00000	30,908.00000 EACH	25,000.00	30,908.00	123.63%	5,908.00
0305	614-84000 Traffic Signal Pedestal Pole Steel	2.000	2,750.00000	2,258.00000 EACH	5,500.00	4,516.00	82.11%	-984.00
0310	614-86248 Traffic Signal Controller (Type 2070LC)	3.000	6,000.00000	5,032.00000 EACH	18,000.00	15,096.00	83.87%	-2,904.00
0315	614-86800 Uninterrupted Power Supply	2.000	7,000.00000	5,291.00000 EACH	14,000.00	10,582.00	75.59%	-3,418.00
0320	614-87010 Fiber Optic Cable (Single Mode) (12 Fiber)	200.000	9.00000	24.00000 LF	1,800.00	4,800.00	266.67%	3,000.00
0325	614-87012 Fiber Optic Termination Panel (12 Fiber)	2.000	1,000.00000	730.00000 EACH	2,000.00	1,460.00	73.00%	-540.00
0330	614-87015 Buffer Tube Fan Out Kit	2.000	500.00000	73.00000 EACH	1,000.00	146.00	14.60%	-854.00
0335	614-87320 Closed Circuit Television	7.000	4,850.00000	3,757.00000 EACH	33,950.00	26,299.00	77.46%	-7,651.00
0340	614-87350 Test Fiber Optic Cable	1.000	4,000.00000	6,504.00000 L S	4,000.00	6,504.00	162.60%	2,504.00
0345	614-87512 Splice Fiber Optic Cable (12 Strand)	2.000	1,000.00000	804.00000 EACH	2,000.00	1,608.00	80.40%	-392.00
0350	614-87692 Ethernet Switch Type II	2.000	4,000.00000	3,105.00000 EACH	8,000.00	6,210.00	77.63%	-1,790.00
0355	620-00001 Field Office (Class 1)	1.000	20,000.00000	11,771.00000 EACH	20,000.00	11,771.00	58.86%	-8,229.00

Colorado Department Of Transportation

Printed On: 04/15/2021

Low Bid Item Analysis

Page 7 of 9

Contract ID: C23355

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0360	620-00020 Sanitary Facility	1.000	2,000.00000	928.00000 EACH	2,000.00	928.00	46.40%	-1,072.00
0365	625-00000 Construction Surveying	1.000	10,000.00000	7,728.00000 L S	10,000.00	7,728.00	77.28%	-2,272.00
0370	625-00001 Construction Surveying (Hourly)	10.000	200.00000	184.00000 HOUR	2,000.00	1,840.00	92.00%	-160.00
0375	626-00000 Mobilization	1.000	55,000.00000	48,652.20000 L S	55,000.00	48,652.20	88.46%	-6,347.80
0380	626-01113 Public Information Management (Tier III)	130.000	85.00000	79.00000 DAY	11,050.00	10,270.00	92.94%	-780.00
0385	627-00008 Modified Epoxy Pavement Marking	5.000	350.00000	639.00000 GAL	1,750.00	3,195.00	182.57%	1,445.00
0390	627-30405 Preformed Thermoplastic Pavement Marking (Word-Symbol)	100.000	12.00000	29.00000 SF	1,200.00	2,900.00	241.67%	1,700.00
0395	627-30410 Preformed Thermoplastic Pavement Marking (Xwalk-Stop Line)	1,418.000	12.00000	12.00000 SF	17,016.00	17,016.00	100.00%	0.00
0400	630-00000 Flagging	300.000	35.00000	35.00000 HOUR	10,500.00	10,500.00	100.00%	0.00
0405	630-00003 Uniformed Traffic Control	70.000	110.00000	92.00000 HOUR	7,700.00	6,440.00	83.64%	-1,260.00
0410	630-00004 Traffic Control Vehicle	2.000	4,500.00000	1,150.00000 EACH	9,000.00	2,300.00	25.56%	-6,700.00

Colorado Department Of Transportation

Printed On: 04/15/2021

Low Bid Item Analysis

Page 8 of 9

Contract ID: C23355

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0415	630-00007 Traffic Control Inspection	20.000	195.00000	58.00000 DAY	3,900.00	1,160.00	29.74%	-2,740.00
0420	630-00012 Traffic Control Management	65.000	875.00000	805.00000 DAY	56,875.00	52,325.00	92.00%	-4,550.00
0425	630-80335 Barricade (Type 3 M-A) (Temporary)	10.000	250.00000	58.00000 EACH	2,500.00	580.00	23.20%	-1,920.00
0430	630-80341 Construction Traffic Sign (Panel Size A)	20.000	40.00000	46.00000 EACH	800.00	920.00	115.00%	120.00
0435	630-80342 Construction Traffic Sign (Panel Size B)	50.000	65.00000	58.00000 EACH	3,250.00	2,900.00	89.23%	-350.00
0440	630-80343 Construction Traffic Sign (Panel Size C)	10.000	80.00000	69.00000 EACH	800.00	690.00	86.25%	-110.00
0445	630-80355 Portable Message Sign Panel	1.000	3,500.00000	2,300.00000 EACH	3,500.00	2,300.00	65.71%	-1,200.00
0450	630-80357 Advance Warning Flashing or Sequencing Arrow Panel (B Type)	2.000	1,500.00000	460.00000 EACH	3,000.00	920.00	30.67%	-2,080.00
0455	630-80360 Drum Channelizing Device	80.000	40.00000	35.00000 EACH	3,200.00	2,800.00	87.50%	-400.00
0460	630-80380 Traffic Cone	100.000	10.00000	6.00000 EACH	1,000.00	600.00	60.00%	-400.00
0465	630-85020 Mobile Attenuator	1.000	8,000.00000	5,750.00000 EACH	8,000.00	5,750.00	71.88%	-2,250.00
Section 0001 Subtotal					\$1,032,745.00	\$900,069.00	87.15%	-\$132,676.00

Low Bid Item Analysis

Contract ID: C23355

Contract Total for Calculated Low Bidders Bid Items

\$1,032,745.00

\$900,069.00

87.15%

-\$132,676.00