

Colorado Department Of Transportation

Printed On: 05/26/2016

Low Bid Summary

Page 1 of 1

Letting Date: May 26, 2016

Call Order	Contract ID	Project(s)	# of Bids	Low Bidder	Estimated Cost	Corrected Bid	Percent of Estimate	Overrun (+) Underrun (-)
002	C20794	SHER100-239	3	INTERFACE COMMUNICATIONS COMPANY	\$1,080,870.00	\$1,037,908.13	96.03%	-\$42,961.87
Letting Totals			3		\$1,080,870.00	\$1,037,908.13	96.03%	-\$42,961.87

Colorado Department Of Transportation

Printed On: 05/26/2016

Vendor Ranking

Page 1 of 1

Letting No: 20160526	Contract ID: C20794	Project(s): SHER100-239
Letting Date: May 26, 2016	Region: 1	
Letting Time: 10:00 AM	Contract Time: 75 WORKING DAYS	Counties: BROOMFIELD, REGION 1, DOUGLAS, REGION 1

Contract Description:

Replace traffic signals at SH 224 @ DAHLIA ST, SH 287 @ LAMAR ST, SH 287 @ 10TH AVE.

Rank	Vendor ID	Vendor Name	Total Bid	Percent Of Low Bid	Percent Of Estimate
1	1231A	INTERFACE COMMUNICATIONS COMPANY	\$1,037,908.13	100.00%	96.03%
0	-EST-	Engineer's Estimate	\$1,080,870.00	104.14%	100.00%
2	697A	W.L. CONTRACTORS, INC.	\$1,244,946.00	119.95%	115.18%
3	503F	K.E.C.I. COLORADO INCORPORATED	\$1,626,888.00	156.75%	150.52%

Tabulation of Bids

Letting No: 20160526
 Letting Date: May 26, 2016
 Letting Time: 10:00 AM

Contract ID: C20794
 Region: 1

Counties: BROOMFIELD,
 REGION 1,
 DOUGLAS,
 REGION 1

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1231A INTERFACE COMMUNICATIONS		(2) 697A W.L. CONTRACTORS, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items				LCC:			
202-00019	Removal of Inlet	2.000 EACH	1,100.00000	2,200.00	1,090.00000	2,180.00	9,392.00000	18,784.00
202-00033	Removal of Pipe	1.000 EACH	1,500.00000	1,500.00	1,853.00000	1,853.00	3,130.00000	3,130.00
202-00035	Removal of Pipe	24.000 LF	25.00000	600.00	33.00000	792.00	210.00000	5,040.00
202-00090	Removal of Delineator	8.000 EACH	6.00000	48.00	8.00000	64.00	80.00000	640.00
202-00190	Removal of Concrete Median Cover Material	76.000 SY	20.00000	1,520.00	35.00000	2,660.00	40.00000	3,040.00
202-00200	Removal of Sidewalk	331.000 SY	15.00000	4,965.00	24.00000	7,944.00	28.00000	9,268.00
202-00203	Removal of Curb and Gutter	758.000 LF	7.00000	5,306.00	15.26000	11,567.08	18.00000	13,644.00
202-00206	Removal of Concrete Curb Ramp	35.000 SY	25.00000	875.00	35.00000	1,225.00	40.00000	1,400.00
202-00210	Removal of Concrete Pavement	1,019.000 SY	18.00000	18,342.00	20.00000	20,380.00	23.00000	23,437.00
202-00250	Removal of Pavement Marking	1,498.000 SF	2.50000	3,745.00	4.25000	6,366.50	5.00000	7,490.00
202-00810	Removal of Ground Sign	8.000 EACH	95.00000	760.00	53.00000	424.00	140.00000	1,120.00
202-00821	Removal of Sign Panel	10.000 EACH	50.00000	500.00	16.00000	160.00	60.00000	600.00
202-00828	Removal of Traffic Signal Equipment	1.000 L S	30,000.00000	30,000.00	12,670.00000	12,670.00	14,600.00000	14,600.00
202-04002	Clean Culvert	1.000 EACH	2,000.00000	2,000.00	1,635.00000	1,635.00	11,500.00000	11,500.00

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			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items				LCC:			
203-01597	Potholing	30.000 HOUR	175.00000	5,250.00	164.00000	4,920.00	165.00000	4,950.00
206-00100	Structure Backfill (Class 1)	68.000 CY	40.00000	2,720.00	55.00000	3,740.00	325.00000	22,100.00
208-00035	Aggregate Bag	50.000 LF	8.00000	400.00	6.00000	300.00	16.00000	800.00
208-00045	Concrete Washout Structure	3.000 EACH	1,100.00000	3,300.00	1,561.00000	4,683.00	2,200.00000	6,600.00
208-00103	Removal and Disposal of Sediment (Labor)	20.000 HOUR	40.00000	800.00	32.00000	640.00	150.00000	3,000.00
208-00105	Removal and Disposal of Sediment (Equipment)	20.000 HOUR	95.00000	1,900.00	88.00000	1,760.00	150.00000	3,000.00
208-00207	Erosion Control Management	14.000 DAY	600.00000	8,400.00	93.00000	1,302.00	1,750.00000	24,500.00
210-00815	Reset Sign Panel	10.000 EACH	225.00000	2,250.00	330.00000	3,300.00	140.00000	1,400.00
210-00866	Reset Fire Preemption Unit and Timer	3.000 EACH	500.00000	1,500.00	456.00000	1,368.00	380.00000	1,140.00
212-00006	Seeding (Native)	0.100 ACRE	800.00000	80.00	3,815.00000	381.50	43,550.00000	4,355.00
212-00032	Soil Conditioning	0.100 ACRE	1,000.00000	100.00	3,815.00000	381.50	56,760.00000	5,676.00
304-06000	Aggregate Base Course (Class 6)	335.000 TON	25.00000	8,375.00	109.00000	36,515.00	125.00000	41,875.00
403-00720	Hot Mix Asphalt (Patching) (Asphalt)	27.000 TON	75.00000	2,025.00	273.00000	7,371.00	295.00000	7,965.00

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			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items				LCC:			
412-01120	Concrete Pavement (11 Inch) (Fast Track)	1,294.000 SY	150.00000	194,100.00	121.00000	156,574.00	140.00000	181,160.00
503-00018	Drilled Caisson (18 Inch)	20.000 LF	300.00000	6,000.00	110.00000	2,200.00	175.00000	3,500.00
503-00036	Drilled Caisson (36 Inch)	95.000 LF	450.00000	42,750.00	301.00000	28,595.00	295.00000	28,025.00
503-00048	Drilled Caisson (48 Inch)	63.000 LF	550.00000	34,650.00	387.00000	24,381.00	475.00000	29,925.00
603-01155	15 Inch Reinforced Concrete Pipe (Complete In Place)	86.000 LF	100.00000	8,600.00	100.00000	8,600.00	135.00000	11,610.00
603-01185	18 Inch Reinforced Concrete Pipe (Complete In Place)	16.000 LF	80.00000	1,280.00	120.00000	1,920.00	175.00000	2,800.00
604-19105	Inlet Type R L 5 (5 Foot)	1.000 EACH	6,500.00000	6,500.00	6,322.00000	6,322.00	7,300.00000	7,300.00
604-19210	Inlet Type R L 10 (10 Foot)	1.000 EACH	7,000.00000	7,000.00	8,502.00000	8,502.00	9,800.00000	9,800.00
604-30005	Manhole Slab Base (5 Foot)	1.000 EACH	4,000.00000	4,000.00	4,905.00000	4,905.00	9,852.00000	9,852.00
608-00006	Concrete Sidewalk (6 Inch)	306.000 SY	60.00000	18,360.00	42.00000	12,852.00	48.00000	14,688.00
608-00010	Concrete Curb Ramp	66.000 SY	135.00000	8,910.00	132.00000	8,712.00	152.00000	10,032.00
609-21010	Curb and Gutter Type 2 (Section I-B)	41.000 LF	30.00000	1,230.00	28.00000	1,148.00	32.00000	1,312.00
609-21020	Curb and Gutter Type 2 (Section II-B)	511.000 LF	40.00000	20,440.00	21.00000	10,731.00	24.00000	12,264.00

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			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items				LCC:			
610-00030	Median Cover Material (Concrete)	373.000 SF	12.00000	4,476.00	12.00000	4,476.00	14.00000	5,222.00
612-00001	Delineator (Type I)	8.000 EACH	21.00000	168.00	21.00000	168.00	88.00000	704.00
613-00206	2 Inch Electrical Conduit (Bored)	3,436.000 LF	20.00000	68,720.00	13.06000	44,874.16	16.00000	54,976.00
613-00306	3 Inch Electrical Conduit (Bored)	1,735.000 LF	20.00000	34,700.00	22.45000	38,950.75	17.00000	29,495.00
613-01200	2 Inch Electrical Conduit (Plastic)	240.000 LF	14.00000	3,360.00	14.00000	3,360.00	11.00000	2,640.00
613-01300	3 Inch Electrical Conduit (Plastic)	210.000 LF	15.00000	3,150.00	20.00000	4,200.00	14.00000	2,940.00
613-07000	Pull Box (Special)	9.000 EACH	400.00000	3,600.00	874.00000	7,866.00	475.00000	4,275.00
613-07003	Type Three Pull Box	9.000 EACH	650.00000	5,850.00	727.00000	6,543.00	975.00000	8,775.00
613-07004	Type Four Pull Box	2.000 EACH	1,500.00000	3,000.00	923.00000	1,846.00	995.00000	1,990.00
613-10000	Wiring	1.000 L S	33,000.00000	33,000.00	17,041.00000	17,041.00	15,000.00000	15,000.00
613-13006	Luminare (LED) (8500 Lumens)	4.000 EACH	1,100.00000	4,400.00	555.00000	2,220.00	1,200.00000	4,800.00
613-80130	Service Meter Cabinet	2.000 EACH	3,200.00000	6,400.00	3,752.00000	7,504.00	3,500.00000	7,000.00
614-00011	Sign Panel (Class I)	169.000 SF	20.00000	3,380.00	20.00000	3,380.00	35.00000	5,915.00

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			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items				LCC:			
614-00012	Sign Panel (Class II)	17.000 SF	25.00000	425.00	28.00000	476.00	45.00000	765.00
614-01583	Steel Sign Support (2-1/2 In Round Sch 80) (Post & Slipbase)	2.000 EACH	550.00000	1,100.00	424.00000	848.00	440.00000	880.00
614-70150	Pedestrian Signal Face (16) (Countdown)	18.000 EACH	575.00000	10,350.00	392.00000	7,056.00	470.00000	8,460.00
614-70336	Traffic Signal Face (12-12-12)	28.000 EACH	800.00000	22,400.00	448.00000	12,544.00	725.00000	20,300.00
614-70448	Traffic Signal Face (12-12-12-12)	8.000 EACH	1,100.00000	8,800.00	559.00000	4,472.00	1,100.00000	8,800.00
614-72860	Pedestrian Push Button	5.000 EACH	650.00000	3,250.00	188.00000	940.00	225.00000	1,125.00
614-72863	Pedestrian Push Button Post Assembly	12.000 EACH	1,200.00000	14,400.00	965.00000	11,580.00	1,325.00000	15,900.00
614-72871	Loop Detector Wire (Prefab) Special	414.000 LF	10.00000	4,140.00	3.00000	1,242.00	15.00000	6,210.00
614-72875	Loop Detector Wire	4,604.000 LF	4.00000	18,416.00	5.91000	27,209.64	7.25000	33,379.00
614-72889	Traffic Signal Vehicle Detector (Micro Type) (Non-Invasive)	8.000 EACH	2,000.00000	16,000.00	611.00000	4,888.00	750.00000	6,000.00
614-81135	Traffic Signal-Light Pole Steel (1-35 Foot Mast Arm)	1.000 EACH	14,000.00000	14,000.00	13,310.00000	13,310.00	13,750.00000	13,750.00
614-81140	Traffic Signal-Light Pole Steel (1-40 Foot Mast Arm)	1.000 EACH	15,000.00000	15,000.00	14,214.00000	14,214.00	15,525.00000	15,525.00

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			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items				LCC:			
614-81160	Traffic Signal Light Pole Steel (1-60 Foot Mast Arm)	2.000 EACH	19,000.00000	38,000.00	17,010.00000	34,020.00	24,325.00000	48,650.00
614-82010	Traffic Signal Pole Steel (1 Mast Arm)	4.000 EACH	16,000.00000	64,000.00	12,953.00000	51,812.00	23,875.00000	95,500.00
614-84000	Traffic Signal Pedestal Pole Steel	4.000 EACH	1,500.00000	6,000.00	1,716.00000	6,864.00	3,200.00000	12,800.00
614-86246	Controller (Type 170E-HC11)	2.000 EACH	12,000.00000	24,000.00	16,099.00000	32,198.00	17,525.00000	35,050.00
614-86800	Uninterrupted Power Supply	2.000 EACH	2,600.00000	5,200.00	6,188.00000	12,376.00	8,500.00000	17,000.00
614-87020	Optical Transceiver	2.000 EACH	2,800.00000	5,600.00	3,338.00000	6,676.00	3,525.00000	7,050.00
620-00020	Sanitary Facility	1.000 EACH	1,500.00000	1,500.00	1,338.00000	1,338.00	500.00000	500.00
625-00000	Construction Surveying	1.000 L S	3,500.00000	3,500.00	16,350.00000	16,350.00	15,003.00000	15,003.00
626-00000	Mobilization	1.000 L S	50,000.00000	50,000.00	85,917.00000	85,917.00	58,500.00000	58,500.00
626-01104	Public Information Services (Tier IV)	1.000 L S	5,500.00000	5,500.00	9,819.00000	9,819.00	5,000.00000	5,000.00
627-00005	Epoxy Pavement Marking	15.000 GAL	85.00000	1,275.00	240.00000	3,600.00	275.00000	4,125.00
627-30332	Preformed Plastic Pavement Marking (Xwalk-Stop Line) (Type III)	2,680.000 SF	15.00000	40,200.00	11.00000	29,480.00	12.00000	32,160.00
630-00003	Uniformed Traffic Control	48.000 HOUR	75.00000	3,600.00	104.00000	4,992.00	82.00000	3,936.00

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			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items				LCC:			
630-00006	Uniformed Traffic Control (Vehicle)	48.000 HOUR	8.00000	384.00	28.00000	1,344.00	28.00000	1,344.00
630-00007	Traffic Control Inspection	35.000 DAY	150.00000	5,250.00	109.00000	3,815.00	110.00000	3,850.00
630-00012	Traffic Control Management	70.000 DAY	650.00000	45,500.00	836.00000	58,520.00	670.00000	46,900.00
630-80335	Barricade (Type 3 M-A) (Temporary)	8.000 EACH	85.00000	680.00	164.00000	1,312.00	65.00000	520.00
630-80341	Construction Traffic Sign (Panel Size A)	157.000 EACH	35.00000	5,495.00	60.00000	9,420.00	20.00000	3,140.00
630-80342	Construction Traffic Sign (Panel Size B)	40.000 EACH	50.00000	2,000.00	109.00000	4,360.00	50.00000	2,000.00
630-80343	Construction Traffic Sign (Panel Size C)	8.000 EACH	60.00000	480.00	164.00000	1,312.00	70.00000	560.00
630-80344	Construction Traffic Sign (Special)	178.000 SF	30.00000	5,340.00	22.00000	3,916.00	45.00000	8,010.00
630-80348	Construction Information Sign	4.000 EACH	150.00000	600.00	491.00000	1,964.00	700.00000	2,800.00
630-80358	Advance Warning Flashing or Sequencing Arrow Panel (C Type)	2.000 EACH	500.00000	1,000.00	1,635.00000	3,270.00	1,200.00000	2,400.00
Section Totals:				\$1,080,870.00		\$1,037,908.13		\$1,244,946.00
Contract Grand Totals				\$1,080,870.00		\$1,037,908.13		\$1,244,946.00

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Item Code	Description	Quantity	(3) 503F K.E.C.I. COLORADO, INC.		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
			Unit Price	Amount						
SECTION:	0001 Bid Items									
							LCC:			
202-00019	Removal of Inlet	2.000 EACH	3,800.00000	7,600.00						
202-00033	Removal of Pipe	1.000 EACH	9,000.00000	9,000.00						
202-00035	Removal of Pipe	24.000 LF	115.00000	2,760.00						
202-00090	Removal of Delineator	8.000 EACH	20.00000	160.00						
202-00190	Removal of Concrete Median Cover Material	76.000 SY	35.00000	2,660.00						
202-00200	Removal of Sidewalk	331.000 SY	24.00000	7,944.00						
202-00203	Removal of Curb and Gutter	758.000 LF	15.00000	11,370.00						
202-00206	Removal of Concrete Curb Ramp	35.000 SY	35.00000	1,225.00						
202-00210	Removal of Concrete Pavement	1,019.000 SY	20.00000	20,380.00						
202-00250	Removal of Pavement Marking	1,498.000 SF	6.00000	8,988.00						
202-00810	Removal of Ground Sign	8.000 EACH	130.00000	1,040.00						
202-00821	Removal of Sign Panel	10.000 EACH	90.00000	900.00						
202-00828	Removal of Traffic Signal Equipment	1.000 L S	15,500.00000	15,500.00						
202-04002	Clean Culvert	1.000 EACH	3,800.00000	3,800.00						

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			Unit Price	Amount						
SECTION:	0001 Bid Items									
							LCC:			
203-01597	Potholing	30.000 HOUR	200.00000	6,000.00						
206-00100	Structure Backfill (Class 1)	68.000 CY	80.00000	5,440.00						
208-00035	Aggregate Bag	50.000 LF	14.00000	700.00						
208-00045	Concrete Washout Structure	3.000 EACH	2,000.00000	6,000.00						
208-00103	Removal and Disposal of Sediment (Labor)	20.000 HOUR	125.00000	2,500.00						
208-00105	Removal and Disposal of Sediment (Equipment)	20.000 HOUR	125.00000	2,500.00						
208-00207	Erosion Control Management	14.000 DAY	300.00000	4,200.00						
210-00815	Reset Sign Panel	10.000 EACH	600.00000	6,000.00						
210-00866	Reset Fire Preemption Unit and Timer	3.000 EACH	700.00000	2,100.00						
212-00006	Seeding (Native)	0.100 ACRE	38,000.00000	3,800.00						
212-00032	Soil Conditioning	0.100 ACRE	50,000.00000	5,000.00						
304-06000	Aggregate Base Course (Class 6)	335.000 TON	110.00000	36,850.00						
403-00720	Hot Mix Asphalt (Patching) (Asphalt)	27.000 TON	300.00000	8,100.00						
412-01120	Concrete Pavement (11 Inch) (Fast Track)	1,294.000 SY	122.00000	157,868.00						

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Item Code	Description	Quantity		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items								
							LCC:		
503-00018	Drilled Caisson (18 Inch)	20.000	LF	160.00000	3,200.00				
503-00036	Drilled Caisson (36 Inch)	95.000	LF	440.00000	41,800.00				
503-00048	Drilled Caisson (48 Inch)	63.000	LF	550.00000	34,650.00				
603-01155	15 Inch Reinforced Concrete Pipe (Complete In Place)	86.000	LF	250.00000	21,500.00				
603-01185	18 Inch Reinforced Concrete Pipe (Complete In Place)	16.000	LF	250.00000	4,000.00				
604-19105	Inlet Type R L 5 (5 Foot)	1.000	EACH	8,000.00000	8,000.00				
604-19210	Inlet Type R L 10 (10 Foot)	1.000	EACH	11,000.00000	11,000.00				
604-30005	Manhole Slab Base (5 Foot)	1.000	EACH	5,500.00000	5,500.00				
608-00006	Concrete Sidewalk (6 Inch)	306.000	SY	42.00000	12,852.00				
608-00010	Concrete Curb Ramp	66.000	SY	135.00000	8,910.00				
609-21010	Curb and Gutter Type 2 (Section I-B)	41.000	LF	28.00000	1,148.00				
609-21020	Curb and Gutter Type 2 (Section II-B)	511.000	LF	21.00000	10,731.00				
610-00030	Median Cover Material (Concrete)	373.000	SF	12.00000	4,476.00				

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 DOUGLAS,
 REGION 1

				(3) 503F K.E.C.I. COLORADO, INC.					
Item Code	Description	Quantity		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items						LCC:		
612-00001	Delineator (Type I)	8.000 EACH		42.00000	336.00				
613-00206	2 Inch Electrical Conduit (Bored)	3,436.000 LF		23.00000	79,028.00				
613-00306	3 Inch Electrical Conduit (Bored)	1,735.000 LF		28.00000	48,580.00				
613-01200	2 Inch Electrical Conduit (Plastic)	240.000 LF		11.00000	2,640.00				
613-01300	3 Inch Electrical Conduit (Plastic)	210.000 LF		12.00000	2,520.00				
613-07000	Pull Box (Special)	9.000 EACH		430.00000	3,870.00				
613-07003	Type Three Pull Box	9.000 EACH		810.00000	7,290.00				
613-07004	Type Four Pull Box	2.000 EACH		1,200.00000	2,400.00				
613-10000	Wiring	1.000 L S		17,500.00000	17,500.00				
613-13006	Luminare (LED) (8500 Lumens)	4.000 EACH		1,500.00000	6,000.00				
613-80130	Service Meter Cabinet	2.000 EACH		7,600.00000	15,200.00				
614-00011	Sign Panel (Class I)	169.000 SF		42.00000	7,098.00				
614-00012	Sign Panel (Class II)	17.000 SF		42.00000	714.00				
614-01583	Steel Sign Support (2-1/2 In Round Sch 80) (Post & Slipbase)	2.000 EACH		600.00000	1,200.00				

Tabulation of Bids

Letting No: 20160526
 Letting Date: May 26, 2016
 Letting Time: 10:00 AM

Contract ID: C20794
 Region: 1

Counties: BROOMFIELD,
 REGION 1,
 DOUGLAS,
 REGION 1

Item Code	Description	Quantity	(3) 503F K.E.C.I. COLORADO, INC.		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
			Unit Price	Amount						
SECTION:	0001 Bid Items									
							LCC:			
614-70150	Pedestrian Signal Face (16) (Countdown)	18.000 EACH	700.00000	12,600.00						
614-70336	Traffic Signal Face (12-12-12)	28.000 EACH	1,000.00000	28,000.00						
614-70448	Traffic Signal Face (12-12-12-12)	8.000 EACH	1,300.00000	10,400.00						
614-72860	Pedestrian Push Button	5.000 EACH	400.00000	2,000.00						
614-72863	Pedestrian Push Button Post Assembly	12.000 EACH	1,500.00000	18,000.00						
614-72871	Loop Detector Wire (Prefab) Special	414.000 LF	7.00000	2,898.00						
614-72875	Loop Detector Wire	4,604.000 LF	5.00000	23,020.00						
614-72889	Traffic Signal Vehicle Detector (Micro Type) (Non-Invasive)	8.000 EACH	1,200.00000	9,600.00						
614-81135	Traffic Signal-Light Pole Steel (1-35 Foot Mast Arm)	1.000 EACH	14,400.00000	14,400.00						
614-81140	Traffic Signal-Light Pole Steel (1-40 Foot Mast Arm)	1.000 EACH	16,100.00000	16,100.00						
614-81160	Traffic Signal Light Pole Steel (1-60 Foot Mast Arm)	2.000 EACH	24,200.00000	48,400.00						
614-82010	Traffic Signal Pole Steel (1 Mast Arm)	4.000 EACH	19,800.00000	79,200.00						
614-84000	Traffic Signal Pedestal Pole Steel	4.000 EACH	3,300.00000	13,200.00						

Tabulation of Bids

Letting No: 20160526
 Letting Date: May 26, 2016
 Letting Time: 10:00 AM

Contract ID: C20794
 Region: 1

Counties: BROOMFIELD,
 REGION 1,
 DOUGLAS,
 REGION 1

Item Code	Description	Quantity	(3) 503F K.E.C.I. COLORADO, INC.		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
			Unit Price	Amount						
SECTION:	0001 Bid Items									
							LCC:			
614-86246	Controller (Type 170E-HC11)	2.000 EACH	16,400.00000	32,800.00						
614-86800	Uninterrupted Power Supply	2.000 EACH	6,700.00000	13,400.00						
614-87020	Optical Transceiver	2.000 EACH	7,600.00000	15,200.00						
620-00020	Sanitary Facility	1.000 EACH	1,000.00000	1,000.00						
625-00000	Construction Surveying	1.000 L S	16,636.00000	16,636.00						
626-00000	Mobilization	1.000 L S	445,000.00000	445,000.00						
626-01104	Public Information Services (Tier IV)	1.000 L S	8,400.00000	8,400.00						
627-00005	Epoxy Pavement Marking	15.000 GAL	660.00000	9,900.00						
627-30332	Preformed Plastic Pavement Marking (Xwalk-Stop Line) (Type III)	2,680.000 SF	11.00000	29,480.00						
630-00003	Uniformed Traffic Control	48.000 HOUR	85.00000	4,080.00						
630-00006	Uniformed Traffic Control (Vehicle)	48.000 HOUR	22.00000	1,056.00						
630-00007	Traffic Control Inspection	35.000 DAY	130.00000	4,550.00						
630-00012	Traffic Control Management	70.000 DAY	640.00000	44,800.00						
630-80335	Barricade (Type 3 M-A) (Temporary)	8.000 EACH	165.00000	1,320.00						

Tabulation of Bids

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Contract ID: C20794
 Region: 1

Counties: BROOMFIELD,
 REGION 1,
 DOUGLAS,
 REGION 1

Item Code	Description	Quantity	(3) 503F K.E.C.I. COLORADO, INC.					
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items						LCC:	
630-80341	Construction Traffic Sign (Panel Size A)	157.000 EACH	40.00000	6,280.00				
630-80342	Construction Traffic Sign (Panel Size B)	40.000 EACH	85.00000	3,400.00				
630-80343	Construction Traffic Sign (Panel Size C)	8.000 EACH	110.00000	880.00				
630-80344	Construction Traffic Sign (Special)	178.000 SF	20.00000	3,560.00				
630-80348	Construction Information Sign	4.000 EACH	200.00000	800.00				
630-80358	Advance Warning Flashing or Sequencing Arrow Panel (C Type)	2.000 EACH	2,000.00000	4,000.00				
Section Totals:				\$1,626,888.00				
Contract Grand Totals				\$1,626,888.00				

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Contract ID: C20794
 Region: 1
 Contract Time: 75 WORKING DAYS

Counties: BROOMFIELD,
 REGION 1,
 DOUGLAS,
 SHERIDAN,
 PROJECT: 100-239
 REGION 1

Contract Description:

Replace traffic signals at SH 224 @ DAHLIA ST, SH 287 @ LAMAR ST, SH 287 @ 10TH AVE.

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	Bid Items						
0005	202-00019 Removal of Inlet	2.000	1,100.00000	1,090.00000 EACH	2,200.00	2,180.00	99.09%	-20.00
0010	202-00033 Removal of Pipe	1.000	1,500.00000	1,853.00000 EACH	1,500.00	1,853.00	123.53%	353.00
0015	202-00035 Removal of Pipe	24.000	25.00000	33.00000 LF	600.00	792.00	132.00%	192.00
0020	202-00090 Removal of Delineator	8.000	6.00000	8.00000 EACH	48.00	64.00	133.33%	16.00
0025	202-00190 Removal of Concrete Median Cover Material	76.000	20.00000	35.00000 SY	1,520.00	2,660.00	175.00%	1,140.00
0030	202-00200 Removal of Sidewalk	331.000	15.00000	24.00000 SY	4,965.00	7,944.00	160.00%	2,979.00
0035	202-00203 Removal of Curb and Gutter	758.000	7.00000	15.26000 LF	5,306.00	11,567.08	218.00%	6,261.08
0040	202-00206 Removal of Concrete Curb Ramp	35.000	25.00000	35.00000 SY	875.00	1,225.00	140.00%	350.00

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Contract ID: C20794
 Region: 1
 Contract Time: 75 WORKING DAYS

Counties: BROOMFIELD,
 REGION 1,
 DOUGLAS,
 SHERIFF-239
 REGION 1

Contract Description:

Replace traffic signals at SH 224 @ DAHLIA ST, SH 287 @ LAMAR ST, SH 287 @ 10TH AVE.

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	Bid Items						
0045	202-00210 Removal of Concrete Pavement	1,019.000	18.00000	20.00000 SY	18,342.00	20,380.00	111.11%	2,038.00
0050	202-00250 Removal of Pavement Marking	1,498.000	2.50000	4.25000 SF	3,745.00	6,366.50	170.00%	2,621.50
0055	202-00810 Removal of Ground Sign	8.000	95.00000	53.00000 EACH	760.00	424.00	55.79%	-336.00
0060	202-00821 Removal of Sign Panel	10.000	50.00000	16.00000 EACH	500.00	160.00	32.00%	-340.00
0065	202-00828 Removal of Traffic Signal Equipment	1.000	30,000.00000	12,670.00000 L S	30,000.00	12,670.00	42.23%	-17,330.00
0070	202-04002 Clean Culvert	1.000	2,000.00000	1,635.00000 EACH	2,000.00	1,635.00	81.75%	-365.00
0075	203-01597 Potholing	30.000	175.00000	164.00000 HOUR	5,250.00	4,920.00	93.71%	-330.00
0080	206-00100 Structure Backfill (Class 1)	68.000	40.00000	55.00000 CY	2,720.00	3,740.00	137.50%	1,020.00

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 Region: 1
 Contract Time: 75 WORKING DAYS

Counties: BROOMFIELD,
 REGION 1,
 DOUGLAS,
 SHERIDAN,
 PROJECT: 100-239
 REGION 1

Contract Description:

Replace traffic signals at SH 224 @ DAHLIA ST, SH 287 @ LAMAR ST, SH 287 @ 10TH AVE.

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	Bid Items						
0085	208-00035 Aggregate Bag	50.000	8.00000	6.00000 LF	400.00	300.00	75.00%	-100.00
0090	208-00045 Concrete Washout Structure	3.000	1,100.00000	1,561.00000 EACH	3,300.00	4,683.00	141.91%	1,383.00
0095	208-00103 Removal and Disposal of Sediment (Labor)	20.000	40.00000	32.00000 HOUR	800.00	640.00	80.00%	-160.00
0100	208-00105 Removal and Disposal of Sediment (Equipment)	20.000	95.00000	88.00000 HOUR	1,900.00	1,760.00	92.63%	-140.00
0105	208-00207 Erosion Control Management	14.000	600.00000	93.00000 DAY	8,400.00	1,302.00	15.50%	-7,098.00
0110	210-00815 Reset Sign Panel	10.000	225.00000	330.00000 EACH	2,250.00	3,300.00	146.67%	1,050.00
0115	210-00866 Reset Fire Preemption Unit and Timer	3.000	500.00000	456.00000 EACH	1,500.00	1,368.00	91.20%	-132.00
0120	212-00006 Seeding (Native)	0.100	800.00000	3,815.00000 ACRE	80.00	381.50	476.88%	301.50

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 Region: 1
 Contract Time: 75 WORKING DAYS

Counties: BROOMFIELD,
 REGION 1,
 DOUGLAS,
 SHERIDAN,
 REGION 1
 Project(s): SHER100-239

Contract Description:

Replace traffic signals at SH 224 @ DAHLIA ST, SH 287 @ LAMAR ST, SH 287 @ 10TH AVE.

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	Bid Items						
0125	212-00032 Soil Conditioning	0.100	1,000.00000	3,815.00000 ACRE	100.00	381.50	381.50%	281.50
0130	304-06000 Aggregate Base Course (Class 6)	335.000	25.00000	109.00000 TON	8,375.00	36,515.00	436.00%	28,140.00
0135	403-00720 Hot Mix Asphalt (Patching) (Asphalt)	27.000	75.00000	273.00000 TON	2,025.00	7,371.00	364.00%	5,346.00
0140	412-01120 Concrete Pavement (11 Inch) (Fast Track)	1,294.000	150.00000	121.00000 SY	194,100.00	156,574.00	80.67%	-37,526.00
0145	503-00018 Drilled Caisson (18 Inch)	20.000	300.00000	110.00000 LF	6,000.00	2,200.00	36.67%	-3,800.00
0150	503-00036 Drilled Caisson (36 Inch)	95.000	450.00000	301.00000 LF	42,750.00	28,595.00	66.89%	-14,155.00
0155	503-00048 Drilled Caisson (48 Inch)	63.000	550.00000	387.00000 LF	34,650.00	24,381.00	70.36%	-10,269.00
0160	603-01155 15 Inch Reinforced Concrete Pipe (Complete In Place)	86.000	100.00000	100.00000 LF	8,600.00	8,600.00	100.00%	0.00

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Contract ID: C20794
 Region: 1
 Contract Time: 75 WORKING DAYS

Counties: BROOMFIELD,
 REGION 1,
 DOUGLAS,
 SHERIDAN,
 REGION 1
 Project(s): SH 224-239

Contract Description:

Replace traffic signals at SH 224 @ DAHLIA ST, SH 287 @ LAMAR ST, SH 287 @ 10TH AVE.

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	Bid Items						
0165	603-01185 18 Inch Reinforced Concrete Pipe (Complete In Place)	16.000	80.00000	120.00000 LF	1,280.00	1,920.00	150.00%	640.00
0170	604-19105 Inlet Type R L 5 (5 Foot)	1.000	6,500.00000	6,322.00000 EACH	6,500.00	6,322.00	97.26%	-178.00
0175	604-19210 Inlet Type R L 10 (10 Foot)	1.000	7,000.00000	8,502.00000 EACH	7,000.00	8,502.00	121.46%	1,502.00
0180	604-30005 Manhole Slab Base (5 Foot)	1.000	4,000.00000	4,905.00000 EACH	4,000.00	4,905.00	122.63%	905.00
0185	608-00006 Concrete Sidewalk (6 Inch)	306.000	60.00000	42.00000 SY	18,360.00	12,852.00	70.00%	-5,508.00
0190	608-00010 Concrete Curb Ramp	66.000	135.00000	132.00000 SY	8,910.00	8,712.00	97.78%	-198.00
0195	609-21010 Curb and Gutter Type 2 (Section I-B)	41.000	30.00000	28.00000 LF	1,230.00	1,148.00	93.33%	-82.00
0200	609-21020 Curb and Gutter Type 2 (Section II-B)	511.000	40.00000	21.00000 LF	20,440.00	10,731.00	52.50%	-9,709.00

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Contract ID: C20794
 Region: 1
 Contract Time: 75 WORKING DAYS

Counties: BROOMFIELD,
 REGION 1,
 DOUGLAS,
 SHERIDAN,
 REGION 1
 Project(s): SH 224-239

Contract Description:

Replace traffic signals at SH 224 @ DAHLIA ST, SH 287 @ LAMAR ST, SH 287 @ 10TH AVE.

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	Bid Items						
0205	610-00030 Median Cover Material (Concrete)	373.000	12.00000	12.00000 SF	4,476.00	4,476.00	100.00%	0.00
0210	612-00001 Delineator (Type I)	8.000	21.00000	21.00000 EACH	168.00	168.00	100.00%	0.00
0215	613-00206 2 Inch Electrical Conduit (Bored)	3,436.000	20.00000	13.06000 LF	68,720.00	44,874.16	65.30%	-23,845.84
0220	613-00306 3 Inch Electrical Conduit (Bored)	1,735.000	20.00000	22.45000 LF	34,700.00	38,950.75	112.25%	4,250.75
0225	613-01200 2 Inch Electrical Conduit (Plastic)	240.000	14.00000	14.00000 LF	3,360.00	3,360.00	100.00%	0.00
0230	613-01300 3 Inch Electrical Conduit (Plastic)	210.000	15.00000	20.00000 LF	3,150.00	4,200.00	133.33%	1,050.00
0235	613-07000 Pull Box (Special)	9.000	400.00000	874.00000 EACH	3,600.00	7,866.00	218.50%	4,266.00
0240	613-07003 Type Three Pull Box	9.000	650.00000	727.00000 EACH	5,850.00	6,543.00	111.85%	693.00

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Contract ID: C20794
 Region: 1
 Contract Time: 75 WORKING DAYS

Counties: BROOMFIELD,
 REGION 1,
 DOUGLAS,
 SHERIDAN,
 PROJECT: 100-239
 REGION 1

Contract Description:

Replace traffic signals at SH 224 @ DAHLIA ST, SH 287 @ LAMAR ST, SH 287 @ 10TH AVE.

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	Bid Items						
0245	613-07004 Type Four Pull Box	2.000	1,500.00000	923.00000 EACH	3,000.00	1,846.00	61.53%	-1,154.00
0250	613-10000 Wiring	1.000	33,000.00000	17,041.00000 L S	33,000.00	17,041.00	51.64%	-15,959.00
0255	613-13006 Luminare (LED) (8500 Lumens)	4.000	1,100.00000	555.00000 EACH	4,400.00	2,220.00	50.45%	-2,180.00
0260	613-80130 Service Meter Cabinet	2.000	3,200.00000	3,752.00000 EACH	6,400.00	7,504.00	117.25%	1,104.00
0265	614-00011 Sign Panel (Class I)	169.000	20.00000	20.00000 SF	3,380.00	3,380.00	100.00%	0.00
0270	614-00012 Sign Panel (Class II)	17.000	25.00000	28.00000 SF	425.00	476.00	112.00%	51.00
0275	614-01583 Steel Sign Support (2-1/2 In Round Sch 80) (Post & Slipbase)	2.000	550.00000	424.00000 EACH	1,100.00	848.00	77.09%	-252.00
0280	614-70150 Pedestrian Signal Face (16) (Countdown)	18.000	575.00000	392.00000 EACH	10,350.00	7,056.00	68.17%	-3,294.00

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Contract ID: C20794
 Region: 1
 Contract Time: 75 WORKING DAYS

Counties: BROOMFIELD,
 REGION 1,
 DOUGLAS,
 SHERIDAN,
 PROJECT: 100-239
 REGION 1

Contract Description:

Replace traffic signals at SH 224 @ DAHLIA ST, SH 287 @ LAMAR ST, SH 287 @ 10TH AVE.

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	Bid Items						
0285	614-70336 Traffic Signal Face (12-12-12)	28.000	800.00000	448.00000 EACH	22,400.00	12,544.00	56.00%	-9,856.00
0290	614-70448 Traffic Signal Face (12-12-12-12)	8.000	1,100.00000	559.00000 EACH	8,800.00	4,472.00	50.82%	-4,328.00
0295	614-72860 Pedestrian Push Button	5.000	650.00000	188.00000 EACH	3,250.00	940.00	28.92%	-2,310.00
0300	614-72863 Pedestrian Push Button Post Assembly	12.000	1,200.00000	965.00000 EACH	14,400.00	11,580.00	80.42%	-2,820.00
0305	614-72871 Loop Detector Wire (Prefab) Special	414.000	10.00000	3.00000 LF	4,140.00	1,242.00	30.00%	-2,898.00
0310	614-72875 Loop Detector Wire	4,604.000	4.00000	5.91000 LF	18,416.00	27,209.64	147.75%	8,793.64
0315	614-72889 Traffic Signal Vehicle Detector (Micro Type) (Non-Invasive)	8.000	2,000.00000	611.00000 EACH	16,000.00	4,888.00	30.55%	-11,112.00
0320	614-81135 Traffic Signal-Light Pole Steel (1-35 Foot Mast Arm)	1.000	14,000.00000	13,310.00000 EACH	14,000.00	13,310.00	95.07%	-690.00

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Contract ID: C20794
 Region: 1
 Contract Time: 75 WORKING DAYS

Counties: BROOMFIELD,
 REGION 1,
 DOUGLAS,
 SHERIDAN,
 REGION 1
 Project(s): SH 224-239

Contract Description:

Replace traffic signals at SH 224 @ DAHLIA ST, SH 287 @ LAMAR ST, SH 287 @ 10TH AVE.

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	Bid Items						
0325	614-81140 Traffic Signal-Light Pole Steel (1-40 Foot Mast Arm)	1.000	15,000.00000	14,214.00000 EACH	15,000.00	14,214.00	94.76%	-786.00
0330	614-81160 Traffic Signal Light Pole Steel (1-60 Foot Mast Arm)	2.000	19,000.00000	17,010.00000 EACH	38,000.00	34,020.00	89.53%	-3,980.00
0335	614-82010 Traffic Signal Pole Steel (1 Mast Arm)	4.000	16,000.00000	12,953.00000 EACH	64,000.00	51,812.00	80.96%	-12,188.00
0340	614-84000 Traffic Signal Pedestal Pole Steel	4.000	1,500.00000	1,716.00000 EACH	6,000.00	6,864.00	114.40%	864.00
0345	614-86246 Controller (Type 170E-HC11)	2.000	12,000.00000	16,099.00000 EACH	24,000.00	32,198.00	134.16%	8,198.00
0350	614-86800 Uninterrupted Power Supply	2.000	2,600.00000	6,188.00000 EACH	5,200.00	12,376.00	238.00%	7,176.00
0355	614-87020 Optical Transceiver	2.000	2,800.00000	3,338.00000 EACH	5,600.00	6,676.00	119.21%	1,076.00
0360	620-00020 Sanitary Facility	1.000	1,500.00000	1,338.00000 EACH	1,500.00	1,338.00	89.20%	-162.00

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 Contract Time: 75 WORKING DAYS

Counties: BROOMFIELD,
 REGION 1,
 DOUGLAS,
 SHERIDAN,
 PROJECT: 100-239
 REGION 1

Contract Description:

Replace traffic signals at SH 224 @ DAHLIA ST, SH 287 @ LAMAR ST, SH 287 @ 10TH AVE.

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	Bid Items						
0365	625-00000 Construction Surveying	1.000	3,500.00000	16,350.00000 L S	3,500.00	16,350.00	467.14%	12,850.00
0370	626-00000 Mobilization	1.000	50,000.00000	85,917.00000 L S	50,000.00	85,917.00	171.83%	35,917.00
0375	626-01104 Public Information Services (Tier IV)	1.000	5,500.00000	9,819.00000 L S	5,500.00	9,819.00	178.53%	4,319.00
0380	627-00005 Epoxy Pavement Marking	15.000	85.00000	240.00000 GAL	1,275.00	3,600.00	282.35%	2,325.00
0385	627-30332 Preformed Plastic Pavement Marking (Xwalk-Stop Line) (Type III)	2,680.000	15.00000	11.00000 SF	40,200.00	29,480.00	73.33%	-10,720.00
0390	630-00003 Uniformed Traffic Control	48.000	75.00000	104.00000 HOUR	3,600.00	4,992.00	138.67%	1,392.00
0395	630-00006 Uniformed Traffic Control (Vehicle)	48.000	8.00000	28.00000 HOUR	384.00	1,344.00	350.00%	960.00
0400	630-00007 Traffic Control Inspection	35.000	150.00000	109.00000 DAY	5,250.00	3,815.00	72.67%	-1,435.00

Colorado Department Of Transportation

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Low Bid Item Analysis

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Letting No: 20160526
 Letting Date: May 26, 2016
 Letting Time: 10:00 AM

Contract ID: C20794
 Region: 1
 Contract Time: 75 WORKING DAYS

Counties: BROOMFIELD,
 REGION 1,
 DOUGLAS,
 Project(s): SHERIDAN-239
 REGION 1

Contract Description:

Replace traffic signals at SH 224 @ DAHLIA ST, SH 287 @ LAMAR ST, SH 287 @ 10TH AVE.

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	Bid Items						
0405	630-00012 Traffic Control Management	70.000	650.00000	836.00000 DAY	45,500.00	58,520.00	128.62%	13,020.00
0410	630-80335 Barricade (Type 3 M-A) (Temporary)	8.000	85.00000	164.00000 EACH	680.00	1,312.00	192.94%	632.00
0415	630-80341 Construction Traffic Sign (Panel Size A)	157.000	35.00000	60.00000 EACH	5,495.00	9,420.00	171.43%	3,925.00
0420	630-80342 Construction Traffic Sign (Panel Size B)	40.000	50.00000	109.00000 EACH	2,000.00	4,360.00	218.00%	2,360.00
0425	630-80343 Construction Traffic Sign (Panel Size C)	8.000	60.00000	164.00000 EACH	480.00	1,312.00	273.33%	832.00
0430	630-80344 Construction Traffic Sign (Special)	178.000	30.00000	22.00000 SF	5,340.00	3,916.00	73.33%	-1,424.00
0435	630-80348 Construction Information Sign	4.000	150.00000	491.00000 EACH	600.00	1,964.00	327.33%	1,364.00
0440	630-80358 Advance Warning Flashing or Sequencing Arrow Panel (C Type)	2.000	500.00000	1,635.00000 EACH	1,000.00	3,270.00	327.00%	2,270.00

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Low Bid Item Analysis

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Letting No: 20160526	Contract ID: C20794	Counties: BROOMFIELD,
Letting Date: May 26, 2016	Region: 1	REGION 1,
Letting Time: 10:00 AM	Contract Time: 75 WORKING DAYS	Project(s): DOUGLAS,
		SHERWOOD-239
		REGION 1

Contract Description:

Replace traffic signals at SH 224 @ DAHLIA ST, SH 287 @ LAMAR ST, SH 287 @ 10TH AVE.

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
Section 0001 Subtotal					\$1,080,870.00	\$1,037,908.13	96.03%	-\$42,961.87
Contract Total for Calculated Low Bidders Bid Items					\$1,080,870.00	\$1,037,908.13	96.03%	-\$42,961.87