

Colorado Department Of Transportation

Printed On: 12/20/2016

Low Bid Summary

Page 1 of 1

Letting Date: December 15, 2016

Call Order	Contract ID	Project(s)	# of Bids	Low Bidder	Estimated Cost	Corrected Bid	Percent of Estimate	Overrun (+) Underrun (-)
008	C20941	STAR400-346	3	W.L. CONTRACTORS, INC.	\$1,221,678.00	\$1,138,651.50	93.20%	-\$83,026.50
Letting Totals			3		\$1,221,678.00	\$1,138,651.50	93.20%	-\$83,026.50

Colorado Department Of Transportation

Printed On: 12/20/2016

Vendor Ranking

Page 1 of 1

Letting No: 20161215
 Letting Date: December 15, 2016
 Letting Time: 10:00 AM

Contract ID: C20941
 Region: 4
 Contract Time: 95 WORKING DAYS

Project(s): STAR400-346
 Counties: BOULDER, REGION 4, WELD

Contract Description:

FY17 R4 Signal Pole Replacements in Boulder and Greeley, Colorado. The locations are at the following:

Boulder:

SH 93 MP 17.16
 SH 157 MP 0.96
 SH 157 MP 3.12
 SH 7 MP 54.26

Greeley:

Business 34 MP 9.53

Rank	Vendor ID	Vendor Name	Total Bid	Percent Of Low Bid	Percent Of Estimate
1	697A	W.L. CONTRACTORS, INC.	\$1,138,651.50	100.00%	93.20%
2	720A	STURGEON ELECTRIC COMPANY, INC.	\$1,155,500.00	101.48%	94.58%
0	-EST-	Engineer's Estimate	\$1,221,678.00	107.29%	100.00%
3	1507A	PAONIA, INC dba PAONIA, LLC	\$1,489,396.00	130.80%	121.91%

Tabulation of Bids

Letting No: 20161215
 Letting Date: December 15, 2016
 Letting Time: 10:00 AM

Contract ID: C20941
 Region: 4

Counties: BOULDER,
 REGION 4,
 WELD

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 697A W.L. CONTRACTORS, INC.		(2) 720A STURGEON ELECTRIC COMPANY, INC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS						
						LCC:		
202-00090	Removal of Delineator	3.000 EACH	100.00000	300.00	85.00000	255.00	40.00000	120.00
202-00200	Removal of Sidewalk	27.000 SY	35.00000	945.00	40.00000	1,080.00	55.00000	1,485.00
202-00203	Removal of Curb and Gutter	100.000 LF	15.00000	1,500.00	12.00000	1,200.00	18.00000	1,800.00
202-00206	Removal of Concrete Curb Ramp	26.000 SY	40.00000	1,040.00	45.00000	1,170.00	105.00000	2,730.00
202-00220	Removal of Asphalt Mat	8.000 SY	60.00000	480.00	65.00000	520.00	80.00000	640.00
202-00250	Removal of Pavement Marking	260.000 SF	5.00000	1,300.00	11.00000	2,860.00	12.00000	3,120.00
202-00810	Removal of Ground Sign	1.000 EACH	200.00000	200.00	85.00000	85.00	75.00000	75.00
202-00828	Removal of Traffic Signal Equipment	1.000 L S	30,000.00000	30,000.00	21,725.00000	21,725.00	31,250.00000	31,250.00
203-01597	Potholing	40.000 HOUR	225.00000	9,000.00	165.00000	6,600.00	305.00000	12,200.00
203-02330	Laborer	36.000 HOUR	40.00000	1,440.00	35.00000	1,260.00	60.00000	2,160.00
208-00008	Erosion Log Type 2 (12 Inch) (9in)	708.000 LF	8.00000	5,664.00	8.00000	5,664.00	7.00000	4,956.00
208-00035	Aggregate Bag	335.000 LF	9.00000	3,015.00	13.00000	4,355.00	10.00000	3,350.00
208-00046	Pre-fabricated Concrete Washout Structure	5.000 EACH	1,250.00000	6,250.00	930.00000	4,650.00	525.00000	2,625.00
208-00053	Storm Drain Inlet Protection (Type I)	3.000 EACH	250.00000	750.00	320.00000	960.00	260.00000	780.00

Tabulation of Bids

Letting No: 20161215
 Letting Date: December 15, 2016
 Letting Time: 10:00 AM

Contract ID: C20941
 Region: 4

Counties: BOULDER,
 REGION 4,
 WELD

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 697A W.L. CONTRACTORS, INC.		(2) 720A STURGEON ELECTRIC COMPANY, INC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS							
						LCC:		
208-00054	Storm Drain Inlet Protection (Type II)	6.000 EACH	250.00000	1,500.00	575.00000	3,450.00	415.00000	2,490.00
208-00056	Storm Drain Inlet Protection (Type III)	4.000 EACH	225.00000	900.00	865.00000	3,460.00	460.00000	1,840.00
208-00103	Removal and Disposal of Sediment (Labor)	5.000 HOUR	50.00000	250.00	225.00000	1,125.00	80.00000	400.00
208-00106	Sweeping (Sediment Removal)	5.000 HOUR	150.00000	750.00	215.00000	1,075.00	285.00000	1,425.00
208-00107	Removal of Trash	5.000 HOUR	90.00000	450.00	150.00000	750.00	40.00000	200.00
210-00479	Reset Radio Communication Antenna	3.000 EACH	650.00000	1,950.00	750.00000	2,250.00	830.00000	2,490.00
210-00845	Reset Traffic Signal Controller	1.000 EACH	2,000.00000	2,000.00	3,500.00000	3,500.00	177.00000	177.00
403-00721	Hot Mix Asphalt (Patching) (Asphalt)	6.000 SY	650.00000	3,900.00	300.00000	1,800.00	290.00000	1,740.00
503-00018	Drilled Caisson (18 Inch)	5.000 LF	250.00000	1,250.00	145.00000	725.00	145.00000	725.00
503-00024	Drilled Caisson (24 Inch)	12.000 LF	425.00000	5,100.00	165.00000	1,980.00	350.00000	4,200.00
503-00036	Drilled Caisson (36 Inch)	209.000 LF	550.00000	114,950.00	446.00000	93,214.00	475.00000	99,275.00
503-00048	Drilled Caisson (48 Inch)	21.000 LF	625.00000	13,125.00	555.00000	11,655.00	590.00000	12,390.00
503-00054	Drilled Caisson (54 Inch)	21.000 LF	700.00000	14,700.00	625.00000	13,125.00	640.00000	13,440.00
607-11525	Fence (Plastic)	78.000 LF	8.00000	624.00	5.00000	390.00	7.00000	546.00

Tabulation of Bids

Letting No: 20161215
 Letting Date: December 15, 2016
 Letting Time: 10:00 AM

Contract ID: C20941
 Region: 4

Counties: BOULDER,
 REGION 4,
 WELD

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 697A W.L. CONTRACTORS, INC.		(2) 720A STURGEON ELECTRIC COMPANY, INC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS							
						LCC:		
608-00000	Concrete Sidewalk	72.000 SY	150.00000	10,800.00	215.00000	15,480.00	84.00000	6,048.00
608-00010	Concrete Curb Ramp	20.000 SY	200.00000	4,000.00	205.00000	4,100.00	275.00000	5,500.00
609-21010	Curb and Gutter Type 2 (Section I-B)	82.000 LF	45.00000	3,690.00	35.00000	2,870.00	55.00000	4,510.00
609-21020	Curb and Gutter Type 2 (Section II-B)	22.000 LF	45.00000	990.00	50.00000	1,100.00	67.00000	1,474.00
610-00020	Median Cover Material (Patterned Concrete)	447.000 SF	20.00000	8,940.00	25.00000	11,175.00	22.00000	9,834.00
612-00041	Delineator (Flexible) (Type I)	3.000 EACH	75.00000	225.00	60.00000	180.00	120.00000	360.00
613-00206	2 Inch Electrical Conduit (Bored)	1,685.000 LF	26.00000	43,810.00	12.00000	20,220.00	23.00000	38,755.00
613-00306	3 Inch Electrical Conduit (Bored)	3,670.000 LF	30.00000	110,100.00	15.75000	57,802.50	27.00000	99,090.00
613-07002	Type Two Pull Box	16.000 EACH	700.00000	11,200.00	700.00000	11,200.00	825.00000	13,200.00
613-07003	Type Three Pull Box	10.000 EACH	950.00000	9,500.00	955.00000	9,550.00	975.00000	9,750.00
613-07034	Pull Box (24"x36"x18")	1.000 EACH	1,100.00000	1,100.00	952.00000	952.00	1,340.00000	1,340.00
613-07038	Pull Box (36"x48"x18")	1.000 EACH	1,200.00000	1,200.00	1,230.00000	1,230.00	1,740.00000	1,740.00
613-10000	Wiring	1.000 L S	35,000.00000	35,000.00	26,500.00000	26,500.00	34,800.00000	34,800.00
613-13000	Luminaire (LED)	20.000 EACH	1,200.00000	24,000.00	1,108.00000	22,160.00	1,380.00000	27,600.00

Tabulation of Bids

Letting No: 20161215
 Letting Date: December 15, 2016
 Letting Time: 10:00 AM

Contract ID: C20941
 Region: 4

Counties: BOULDER,
 REGION 4,
 WELD

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 697A W.L. CONTRACTORS, INC.		(2) 720A STURGEON ELECTRIC COMPANY, INC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS				LCC:			
613-32300	Light Standard Steel (30 Foot)	2.000 EACH	3,750.00000	7,500.00	2,500.00000	5,000.00	1,895.00000	3,790.00
613-40000	Concrete Foundation Pad	1.000 EACH	1,250.00000	1,250.00	1,250.00000	1,250.00	2,280.00000	2,280.00
613-80130	Service Meter Cabinet	5.000 EACH	5,500.00000	27,500.00	6,100.00000	30,500.00	5,220.00000	26,100.00
614-00025	Sign Panel (Class I) (Install Only)	114.000 SF	20.00000	2,280.00	25.00000	2,850.00	25.00000	2,850.00
614-00027	Sign Panel (Class II) (Install Only)	63.000 SF	30.00000	1,890.00	25.00000	1,575.00	25.00000	1,575.00
614-70150	Pedestrian Signal Face (16) (Countdown)	28.000 EACH	500.00000	14,000.00	575.00000	16,100.00	565.00000	15,820.00
614-70200	Accessible Pedestrian Signal	8.000 EACH	1,400.00000	11,200.00	1,795.00000	14,360.00	1,625.00000	13,000.00
614-70336	Traffic Signal Face (12-12-12)	53.000 EACH	750.00000	39,750.00	675.00000	35,775.00	940.00000	49,820.00
614-70448	Traffic Signal Face (12-12-12-12)	8.000 EACH	950.00000	7,600.00	1,025.00000	8,200.00	1,175.00000	9,400.00
614-70560	Traffic Signal Face (12-12-12-12-12)	1.000 EACH	1,250.00000	1,250.00	880.00000	880.00	1,260.00000	1,260.00
614-72855	Traffic Signal Controller Cabinet	1.000 EACH	17,500.00000	17,500.00	15,890.00000	15,890.00	17,930.00000	17,930.00
614-72860	Pedestrian Push Button	10.000 EACH	500.00000	5,000.00	260.00000	2,600.00	380.00000	3,800.00
614-72863	Pedestrian Push Button Post Assembly	8.000 EACH	1,400.00000	11,200.00	1,453.00000	11,624.00	1,515.00000	12,120.00
614-72866	Fire Preemption Unit and Timer	1.000 EACH	5,000.00000	5,000.00	3,612.00000	3,612.00	6,805.00000	6,805.00

Tabulation of Bids

Letting No: 20161215
 Letting Date: December 15, 2016
 Letting Time: 10:00 AM

Contract ID: C20941
 Region: 4

Counties: BOULDER,
 REGION 4,
 WELD

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 697A W.L. CONTRACTORS, INC.		(2) 720A STURGEON ELECTRIC COMPANY, INC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS				LCC:			
614-72887	Microwave Vehicle Radar Detector	11.000 EACH	7,500.00000	82,500.00	7,659.00000	84,249.00	7,335.00000	80,685.00
614-81135	Traffic Signal-Light Pole Steel (1-35 Foot Mast Arm)	4.000 EACH	13,000.00000	52,000.00	13,074.00000	52,296.00	13,280.00000	53,120.00
614-81145	Traffic Signal-Light Pole Steel (1-45 Foot Mast Arm)	3.000 EACH	15,000.00000	45,000.00	14,828.00000	44,484.00	14,920.00000	44,760.00
614-81150	Traffic Signal-Light Pole Steel (1-50 Foot Mast Arm)	3.000 EACH	16,000.00000	48,000.00	14,885.00000	44,655.00	14,970.00000	44,910.00
614-81155	Traffic Signal-Light Pole Steel (1-55 Foot Mast Arm)	1.000 EACH	17,000.00000	17,000.00	16,298.00000	16,298.00	16,400.00000	16,400.00
614-81165	Traffic Signal-Light Pole Steel (1-65 Foot Mast Arm)	1.000 EACH	21,000.00000	21,000.00	22,429.00000	22,429.00	21,500.00000	21,500.00
614-81170	Traffic Signal-Light Pole Steel (1-70 Foot Mast Arm)	1.000 EACH	27,500.00000	27,500.00	26,451.00000	26,451.00	25,300.00000	25,300.00
614-84100	Traffic Signal Pedestal Pole Aluminum	1.000 EACH	1,250.00000	1,250.00	2,675.00000	2,675.00	4,475.00000	4,475.00
614-86105	Telemetry (Field)	1.000 EACH	4,000.00000	4,000.00	4,365.00000	4,365.00	5,285.00000	5,285.00
614-86240	Traffic Signal Controller (Type 170)	1.000 EACH	22,000.00000	22,000.00	3,590.00000	3,590.00	1,885.00000	1,885.00
614-86715	Traffic Signal Equipment	9.000 EACH	800.00000	7,200.00	2,860.00000	25,740.00	635.00000	5,715.00
614-86800	Uninterrupted Power Supply	1.000 EACH	8,000.00000	8,000.00	8,115.00000	8,115.00	6,985.00000	6,985.00
625-00000	Construction Surveying	1.000 L S	10,000.00000	10,000.00	10,000.00000	10,000.00	8,000.00000	8,000.00

Tabulation of Bids

Letting No: 20161215
 Letting Date: December 15, 2016
 Letting Time: 10:00 AM

Contract ID: C20941
 Region: 4

Counties: BOULDER,
 REGION 4,
 WELD

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 697A W.L. CONTRACTORS, INC.		(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	50,000.00000	50,000.00	100,000.00000	100,000.00	67,000.00000	67,000.00
626-01104	Public Information Services (Tier IV)	1.000 L S	8,500.00000	8,500.00	9,000.00000	9,000.00	12,100.00000	12,100.00
630-00000	Flagging	600.000 HOUR	30.00000	18,000.00	30.00000	18,000.00	24.00000	14,400.00
630-00003	Uniformed Traffic Control	40.000 HOUR	85.00000	3,400.00	107.00000	4,280.00	90.00000	3,600.00
630-00007	Traffic Control Inspection	38.000 DAY	200.00000	7,600.00	130.00000	4,940.00	105.00000	3,990.00
630-00012	Traffic Control Management	95.000 DAY	950.00000	90,250.00	913.00000	86,735.00	920.00000	87,400.00
630-80335	Barricade (Type 3 M-A) (Temporary)	3.000 EACH	110.00000	330.00	650.00000	1,950.00	12.00000	36.00
630-80341	Construction Traffic Sign (Panel Size A)	46.000 EACH	40.00000	1,840.00	45.00000	2,070.00	12.00000	552.00
630-80342	Construction Traffic Sign (Panel Size B)	16.000 EACH	50.00000	800.00	65.00000	1,040.00	12.00000	192.00
630-80355	Portable Message Sign Panel	2.000 EACH	5,000.00000	10,000.00	1,300.00000	2,600.00	525.00000	1,050.00
630-80358	Advance Warning Flashing or Sequencing Arrow Panel (C Type)	4.000 EACH	1,200.00000	4,800.00	1,300.00000	5,200.00	320.00000	1,280.00
630-80360	Drum Channelizing Device	80.000 EACH	70.00000	5,600.00	32.00000	2,560.00	5.00000	400.00
630-80380	Traffic Cone	80.000 EACH	10.00000	800.00	13.00000	1,040.00	5.00000	400.00
630-85041	Mobile Attenuator	50.000 DAY	400.00000	20,000.00	390.00000	19,500.00	215.00000	10,750.00

Tabulation of Bids

Letting No: 20161215
 Letting Date: December 15, 2016
 Letting Time: 10:00 AM

Contract ID: C20941
 Region: 4

Counties: BOULDER,
 REGION 4,
 WELD

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 697A W.L. CONTRACTORS, INC.		(2) 720A STURGEON ELECTRIC COMPANY, INC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS							
630-86810	Traffic Signal (Temporary)	1.000 EACH	13,500.00000	13,500.00	8,771.00000	8,771.00	4,150.00000	4,150.00
Section Totals:				\$1,221,678.00		\$1,138,651.50		\$1,155,500.00
Contract Grand Totals				\$1,221,678.00		\$1,138,651.50		\$1,155,500.00

Tabulation of Bids

Letting No: 20161215
 Letting Date: December 15, 2016
 Letting Time: 10:00 AM

Contract ID: C20941
 Region: 4

Counties: BOULDER,
 REGION 4,
 WELD

Item Code	Description	Quantity	(3) 1507A PAONIA, INC					
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS							
								LCC:
202-00090	Removal of Delineator	3.000 EACH	50.00000	150.00				
202-00200	Removal of Sidewalk	27.000 SY	10.00000	270.00				
202-00203	Removal of Curb and Gutter	100.000 LF	10.00000	1,000.00				
202-00206	Removal of Concrete Curb Ramp	26.000 SY	10.00000	260.00				
202-00220	Removal of Asphalt Mat	8.000 SY	20.00000	160.00				
202-00250	Removal of Pavement Marking	260.000 SF	16.00000	4,160.00				
202-00810	Removal of Ground Sign	1.000 EACH	100.00000	100.00				
202-00828	Removal of Traffic Signal Equipment	1.000 L S	20,000.00000	20,000.00				
203-01597	Potholing	40.000 HOUR	200.00000	8,000.00				
203-02330	Laborer	36.000 HOUR	50.00000	1,800.00				
208-00008	Erosion Log Type 2 (12 Inch) (9in)	708.000 LF	5.00000	3,540.00				
208-00035	Aggregate Bag	335.000 LF	6.00000	2,010.00				
208-00046	Pre-fabricated Concrete Washout Structure	5.000 EACH	400.00000	2,000.00				
208-00053	Storm Drain Inlet Protection (Type I)	3.000 EACH	200.00000	600.00				

Tabulation of Bids

Letting No: 20161215
 Letting Date: December 15, 2016
 Letting Time: 10:00 AM

Contract ID: C20941
 Region: 4

Counties: BOULDER,
 REGION 4,
 WELD

Item Code	Description	Quantity	(3) 1507A PAONIA, INC		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
			Unit Price	Amount						
SECTION:	0001	BID ITEMS								
										LCC:
208-00054	Storm Drain Inlet Protection (Type II)	6.000 EACH	200.00000	1,200.00						
208-00056	Storm Drain Inlet Protection (Type III)	4.000 EACH	200.00000	800.00						
208-00103	Removal and Disposal of Sediment (Labor)	5.000 HOUR	75.00000	375.00						
208-00106	Sweeping (Sediment Removal)	5.000 HOUR	125.00000	625.00						
208-00107	Removal of Trash	5.000 HOUR	150.00000	750.00						
210-00479	Reset Radio Communication Antenna	3.000 EACH	300.00000	900.00						
210-00845	Reset Traffic Signal Controller	1.000 EACH	3,000.00000	3,000.00						
403-00721	Hot Mix Asphalt (Patching) (Asphalt)	6.000 SY	85.00000	510.00						
503-00018	Drilled Caisson (18 Inch)	5.000 LF	350.00000	1,750.00						
503-00024	Drilled Caisson (24 Inch)	12.000 LF	350.00000	4,200.00						
503-00036	Drilled Caisson (36 Inch)	209.000 LF	450.00000	94,050.00						
503-00048	Drilled Caisson (48 Inch)	21.000 LF	700.00000	14,700.00						
503-00054	Drilled Caisson (54 Inch)	21.000 LF	1,500.00000	31,500.00						
607-11525	Fence (Plastic)	78.000 LF	12.00000	936.00						

Tabulation of Bids

Letting No: 20161215
 Letting Date: December 15, 2016
 Letting Time: 10:00 AM

Contract ID: C20941
 Region: 4

Counties: BOULDER,
 REGION 4,
 WELD

Item Code	Description	Quantity	(3) 1507A PAONIA, INC					
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS						
								LCC:
608-00000	Concrete Sidewalk	72.000 SY	16.00000	1,152.00				
608-00010	Concrete Curb Ramp	20.000 SY	65.00000	1,300.00				
609-21010	Curb and Gutter Type 2 (Section I-B)	82.000 LF	21.00000	1,722.00				
609-21020	Curb and Gutter Type 2 (Section II-B)	22.000 LF	21.00000	462.00				
610-00020	Median Cover Material (Patterned Concrete)	447.000 SF	17.00000	7,599.00				
612-00041	Delineator (Flexible) (Type I)	3.000 EACH	50.00000	150.00				
613-00206	2 Inch Electrical Conduit (Bored)	1,685.000 LF	17.00000	28,645.00				
613-00306	3 Inch Electrical Conduit (Bored)	3,670.000 LF	22.00000	80,740.00				
613-07002	Type Two Pull Box	16.000 EACH	1,000.00000	16,000.00				
613-07003	Type Three Pull Box	10.000 EACH	1,200.00000	12,000.00				
613-07034	Pull Box (24"x36"x18")	1.000 EACH	1,500.00000	1,500.00				
613-07038	Pull Box (36"x48"x18")	1.000 EACH	2,000.00000	2,000.00				
613-10000	Wiring	1.000 L S	75,000.00000	75,000.00				
613-13000	Luminaire (LED)	20.000 EACH	2,000.00000	40,000.00				

Tabulation of Bids

Letting No: 20161215
 Letting Date: December 15, 2016
 Letting Time: 10:00 AM

Contract ID: C20941
 Region: 4

Counties: BOULDER,
 REGION 4,
 WELD

Item Code	Description	Quantity	(3) 1507A PAONIA, INC		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
			Unit Price	Amount						
SECTION:	0001	BID ITEMS								
								LCC:		
613-32300	Light Standard Steel (30 Foot)	2.000 EACH	10,000.00000	20,000.00						
613-40000	Concrete Foundation Pad	1.000 EACH	3,500.00000	3,500.00						
613-80130	Service Meter Cabinet	5.000 EACH	8,000.00000	40,000.00						
614-00025	Sign Panel (Class I) (Install Only)	114.000 SF	1,500.00000	171,000.00						
614-00027	Sign Panel (Class II) (Install Only)	63.000 SF	1,500.00000	94,500.00						
614-70150	Pedestrian Signal Face (16) (Countdown)	28.000 EACH	300.00000	8,400.00						
614-70200	Accessible Pedestrian Signal	8.000 EACH	1,500.00000	12,000.00						
614-70336	Traffic Signal Face (12-12-12)	53.000 EACH	550.00000	29,150.00						
614-70448	Traffic Signal Face (12-12-12-12)	8.000 EACH	650.00000	5,200.00						
614-70560	Traffic Signal Face (12-12-12-12-12)	1.000 EACH	650.00000	650.00						
614-72855	Traffic Signal Controller Cabinet	1.000 EACH	1,500.00000	1,500.00						
614-72860	Pedestrian Push Button	10.000 EACH	300.00000	3,000.00						
614-72863	Pedestrian Push Button Post Assembly	8.000 EACH	1,000.00000	8,000.00						
614-72866	Fire Preemption Unit and Timer	1.000 EACH	4,000.00000	4,000.00						

Tabulation of Bids

Letting No: 20161215
 Letting Date: December 15, 2016
 Letting Time: 10:00 AM

Contract ID: C20941
 Region: 4

Counties: BOULDER,
 REGION 4,
 WELD

				(3) 1507A PAONIA, INC					
Item Code	Description	Quantity		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS					LCC:		
614-72887	Microwave Vehicle Radar Detector	11.000 EACH		9,000.00000	99,000.00				
614-81135	Traffic Signal-Light Pole Steel (1-35 Foot Mast Arm)	4.000 EACH		10,000.00000	40,000.00				
614-81145	Traffic Signal-Light Pole Steel (1-45 Foot Mast Arm)	3.000 EACH		12,000.00000	36,000.00				
614-81150	Traffic Signal-Light Pole Steel (1-50 Foot Mast Arm)	3.000 EACH		15,000.00000	45,000.00				
614-81155	Traffic Signal-Light Pole Steel (1-55 Foot Mast Arm)	1.000 EACH		6,000.00000	6,000.00				
614-81165	Traffic Signal-Light Pole Steel (1-65 Foot Mast Arm)	1.000 EACH		8,000.00000	8,000.00				
614-81170	Traffic Signal-Light Pole Steel (1-70 Foot Mast Arm)	1.000 EACH		12,000.00000	12,000.00				
614-84100	Traffic Signal Pedestal Pole Aluminum	1.000 EACH		2,000.00000	2,000.00				
614-86105	Telemetry (Field)	1.000 EACH		30,000.00000	30,000.00				
614-86240	Traffic Signal Controller (Type 170)	1.000 EACH		8,000.00000	8,000.00				
614-86715	Traffic Signal Equipment	9.000 EACH		3,500.00000	31,500.00				
614-86800	Uninterrupted Power Supply	1.000 EACH		8,000.00000	8,000.00				
625-00000	Construction Surveying	1.000 L S		4,000.00000	4,000.00				

Tabulation of Bids

Letting No: 20161215
 Letting Date: December 15, 2016
 Letting Time: 10:00 AM

Contract ID: C20941
 Region: 4

Counties: BOULDER,
 REGION 4,
 WELD

Item Code	Description	Quantity	(3) 1507A PAONIA, INC					
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS							LCC:
626-00000	Mobilization	1.000 L S	50,000.00000	50,000.00				
626-01104	Public Information Services (Tier IV)	1.000 L S	3,000.00000	3,000.00				
630-00000	Flagging	600.000 HOUR	25.00000	15,000.00				
630-00003	Uniformed Traffic Control	40.000 HOUR	200.00000	8,000.00				
630-00007	Traffic Control Inspection	38.000 DAY	500.00000	19,000.00				
630-00012	Traffic Control Management	95.000 DAY	1,500.00000	142,500.00				
630-80335	Barricade (Type 3 M-A) (Temporary)	3.000 EACH	200.00000	600.00				
630-80341	Construction Traffic Sign (Panel Size A)	46.000 EACH	10.00000	460.00				
630-80342	Construction Traffic Sign (Panel Size B)	16.000 EACH	10.00000	160.00				
630-80355	Portable Message Sign Panel	2.000 EACH	300.00000	600.00				
630-80358	Advance Warning Flashing or Sequencing Arrow Panel (C Type)	4.000 EACH	300.00000	1,200.00				
630-80360	Drum Channelizing Device	80.000 EACH	40.00000	3,200.00				
630-80380	Traffic Cone	80.000 EACH	2.00000	160.00				
630-85041	Mobile Attenuator	50.000 DAY	750.00000	37,500.00				

Tabulation of Bids

Letting No: 20161215
 Letting Date: December 15, 2016
 Letting Time: 10:00 AM

Contract ID: C20941
 Region: 4

Counties: BOULDER,
 REGION 4,
 WELD

				(3) 1507A PAONIA, INC					
Item Code	Description	Quantity		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS						LCC:		
630-86810	Traffic Signal (Temporary)	1.000 EACH		10,000.00000	10,000.00				
Section Totals:					\$1,489,396.00				
Contract Grand Totals					\$1,489,396.00				

Colorado Department Of Transportation

Printed On: 12/20/2016

Low Bid Item Analysis

Page 1 of 18

Letting No: 20161215
 Letting Date: December 15, 2016
 Letting Time: 10:00 AM

Contract ID: C20941
 Region: 4
 Contract Time: 95 WORKING DAYS

Counties: BOULDER,
 REGION 4,
 WELD
 Project(s): STAR400-346

Contract Description:

FY17 R4 Signal Pole Replacements in Boulder and Greeley, Colorado. The locations are at the following:

Boulder:

SH 93 MP 17.16
 SH 157 MP 0.96
 SH 157 MP 3.12
 SH 7 MP 54.26

Greeley:

Business 34 MP 9.53

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) / Underrun (-)
SECTION:	0001	BID ITEMS						
0005	202-00090 Removal of Delineator	3.000	100.00000	85.00000 EACH	300.00	255.00	85.00%	-45.00
0010	202-00200 Removal of Sidewalk	27.000	35.00000	40.00000 SY	945.00	1,080.00	114.29%	135.00
0015	202-00203 Removal of Curb and Gutter	100.000	15.00000	12.00000 LF	1,500.00	1,200.00	80.00%	-300.00
0020	202-00206 Removal of Concrete Curb Ramp	26.000	40.00000	45.00000 SY	1,040.00	1,170.00	112.50%	130.00
0025	202-00220 Removal of Asphalt Mat	8.000	60.00000	65.00000 SY	480.00	520.00	108.33%	40.00

Colorado Department Of Transportation

Printed On: 12/20/2016

Low Bid Item Analysis

Page 2 of 18

Letting No: 20161215
 Letting Date: December 15, 2016
 Letting Time: 10:00 AM

Contract ID: C20941
 Region: 4
 Contract Time: 95 WORKING DAYS

Counties: BOULDER,
 REGION 4,
 WELD
 Project(s): STAR400-346

Contract Description:

FY17 R4 Signal Pole Replacements in Boulder and Greeley, Colorado. The locations are at the following:

Boulder:

SH 93 MP 17.16
 SH 157 MP 0.96
 SH 157 MP 3.12
 SH 7 MP 54.26

Greeley:

Business 34 MP 9.53

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) / Underrun (-)
SECTION:	0001	BID ITEMS						
0030	202-00250 Removal of Pavement Marking	260.000	5.00000	11.00000 SF	1,300.00	2,860.00	220.00%	1,560.00
0035	202-00810 Removal of Ground Sign	1.000	200.00000	85.00000 EACH	200.00	85.00	42.50%	-115.00
0040	202-00828 Removal of Traffic Signal Equipment	1.000	30,000.00000	21,725.00000 L S	30,000.00	21,725.00	72.42%	-8,275.00
0045	203-01597 Potholing	40.000	225.00000	165.00000 HOUR	9,000.00	6,600.00	73.33%	-2,400.00
0050	203-02330 Laborer	36.000	40.00000	35.00000 HOUR	1,440.00	1,260.00	87.50%	-180.00

Colorado Department Of Transportation

Printed On: 12/20/2016

Low Bid Item Analysis

Page 3 of 18

Letting No: 20161215
 Letting Date: December 15, 2016
 Letting Time: 10:00 AM

Contract ID: C20941
 Region: 4
 Contract Time: 95 WORKING DAYS

Counties: BOULDER,
 REGION 4,
 WELD
 Project(s): STAR400-346

Contract Description:

FY17 R4 Signal Pole Replacements in Boulder and Greeley, Colorado. The locations are at the following:

Boulder:

SH 93 MP 17.16
 SH 157 MP 0.96
 SH 157 MP 3.12
 SH 7 MP 54.26

Greeley:

Business 34 MP 9.53

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) / Underrun (-)
SECTION:	0001	BID ITEMS						
0055	208-00008 Erosion Log Type 2 (12 Inch) (9in)	708.000	8.00000	8.00000	5,664.00	5,664.00	100.00%	0.00
0060	208-00035 Aggregate Bag	335.000	9.00000	13.00000	3,015.00	4,355.00	144.44%	1,340.00
0065	208-00046 Pre-fabricated Concrete Washout Structure	5.000	1,250.00000	930.00000	6,250.00	4,650.00	74.40%	-1,600.00
0070	208-00053 Storm Drain Inlet Protection (Type I)	3.000	250.00000	320.00000	750.00	960.00	128.00%	210.00
0075	208-00054 Storm Drain Inlet Protection (Type II)	6.000	250.00000	575.00000	1,500.00	3,450.00	230.00%	1,950.00

Colorado Department Of Transportation

Printed On: 12/20/2016

Low Bid Item Analysis

Page 4 of 18

Letting No: 20161215
 Letting Date: December 15, 2016
 Letting Time: 10:00 AM

Contract ID: C20941
 Region: 4
 Contract Time: 95 WORKING DAYS

Counties: BOULDER,
 REGION 4,
 WELD
 Project(s): STAR400-346

Contract Description:

FY17 R4 Signal Pole Replacements in Boulder and Greeley, Colorado. The locations are at the following:

Boulder:

SH 93 MP 17.16
 SH 157 MP 0.96
 SH 157 MP 3.12
 SH 7 MP 54.26

Greeley:

Business 34 MP 9.53

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0080	208-00056 Storm Drain Inlet Protection (Type III)	4.000	225.00000	865.00000 EACH	900.00	3,460.00	384.44%	2,560.00
0085	208-00103 Removal and Disposal of Sediment (Labor)	5.000	50.00000	225.00000 HOUR	250.00	1,125.00	450.00%	875.00
0090	208-00106 Sweeping (Sediment Removal)	5.000	150.00000	215.00000 HOUR	750.00	1,075.00	143.33%	325.00
0095	208-00107 Removal of Trash	5.000	90.00000	150.00000 HOUR	450.00	750.00	166.67%	300.00
0100	210-00479 Reset Radio Communication Antenna	3.000	650.00000	750.00000 EACH	1,950.00	2,250.00	115.38%	300.00

Colorado Department Of Transportation

Printed On: 12/20/2016

Low Bid Item Analysis

Page 5 of 18

Letting No: 20161215
 Letting Date: December 15, 2016
 Letting Time: 10:00 AM

Contract ID: C20941
 Region: 4
 Contract Time: 95 WORKING DAYS

Counties: BOULDER,
 REGION 4,
 WELD
 Project(s): STAR400-346

Contract Description:

FY17 R4 Signal Pole Replacements in Boulder and Greeley, Colorado. The locations are at the following:

Boulder:

SH 93 MP 17.16
 SH 157 MP 0.96
 SH 157 MP 3.12
 SH 7 MP 54.26

Greeley:

Business 34 MP 9.53

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) / Underrun (-)
SECTION:	0001	BID ITEMS						
0105	210-00845 Reset Traffic Signal Controller	1.000	2,000.00000	3,500.00000 EACH	2,000.00	3,500.00	175.00%	1,500.00
0110	403-00721 Hot Mix Asphalt (Patching) (Asphalt)	6.000	650.00000	300.00000 SY	3,900.00	1,800.00	46.15%	-2,100.00
0115	503-00018 Drilled Caisson (18 Inch)	5.000	250.00000	145.00000 LF	1,250.00	725.00	58.00%	-525.00
0120	503-00024 Drilled Caisson (24 Inch)	12.000	425.00000	165.00000 LF	5,100.00	1,980.00	38.82%	-3,120.00
0125	503-00036 Drilled Caisson (36 Inch)	209.000	550.00000	446.00000 LF	114,950.00	93,214.00	81.09%	-21,736.00

Colorado Department Of Transportation

Printed On: 12/20/2016

Low Bid Item Analysis

Page 6 of 18

Letting No: 20161215
 Letting Date: December 15, 2016
 Letting Time: 10:00 AM

Contract ID: C20941
 Region: 4
 Contract Time: 95 WORKING DAYS

Counties: BOULDER,
 REGION 4,
 WELD
 Project(s): STAR400-346

Contract Description:

FY17 R4 Signal Pole Replacements in Boulder and Greeley, Colorado. The locations are at the following:

Boulder:

SH 93 MP 17.16
 SH 157 MP 0.96
 SH 157 MP 3.12
 SH 7 MP 54.26

Greeley:

Business 34 MP 9.53

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) / Underrun (-)
SECTION:	0001	BID ITEMS						
0130	503-00048 Drilled Caisson (48 Inch)	21.000	625.00000	555.00000 LF	13,125.00	11,655.00	88.80%	-1,470.00
0135	503-00054 Drilled Caisson (54 Inch)	21.000	700.00000	625.00000 LF	14,700.00	13,125.00	89.29%	-1,575.00
0140	607-11525 Fence (Plastic)	78.000	8.00000	5.00000 LF	624.00	390.00	62.50%	-234.00
0145	608-00000 Concrete Sidewalk	72.000	150.00000	215.00000 SY	10,800.00	15,480.00	143.33%	4,680.00
0150	608-00010 Concrete Curb Ramp	20.000	200.00000	205.00000 SY	4,000.00	4,100.00	102.50%	100.00

Colorado Department Of Transportation

Printed On: 12/20/2016

Low Bid Item Analysis

Page 7 of 18

Letting No: 20161215
 Letting Date: December 15, 2016
 Letting Time: 10:00 AM

Contract ID: C20941
 Region: 4
 Contract Time: 95 WORKING DAYS

Counties: BOULDER,
 REGION 4,
 WELD
 Project(s): STAR400-346

Contract Description:

FY17 R4 Signal Pole Replacements in Boulder and Greeley, Colorado. The locations are at the following:

Boulder:

SH 93 MP 17.16
 SH 157 MP 0.96
 SH 157 MP 3.12
 SH 7 MP 54.26

Greeley:

Business 34 MP 9.53

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) / Underrun (-)
SECTION:	0001	BID ITEMS						
0155	609-21010 Curb and Gutter Type 2 (Section I-B)	82.000	45.00000	35.00000 LF	3,690.00	2,870.00	77.78%	-820.00
0160	609-21020 Curb and Gutter Type 2 (Section II-B)	22.000	45.00000	50.00000 LF	990.00	1,100.00	111.11%	110.00
0165	610-00020 Median Cover Material (Patterned Concrete)	447.000	20.00000	25.00000 SF	8,940.00	11,175.00	125.00%	2,235.00
0170	612-00041 Delineator (Flexible) (Type I)	3.000	75.00000	60.00000 EACH	225.00	180.00	80.00%	-45.00
0175	613-00206 2 Inch Electrical Conduit (Bored)	1,685.000	26.00000	12.00000 LF	43,810.00	20,220.00	46.15%	-23,590.00

Colorado Department Of Transportation

Printed On: 12/20/2016

Low Bid Item Analysis

Page 8 of 18

Letting No: 20161215
 Letting Date: December 15, 2016
 Letting Time: 10:00 AM

Contract ID: C20941
 Region: 4
 Contract Time: 95 WORKING DAYS

Counties: BOULDER,
 REGION 4,
 WELD
 Project(s): STAR400-346

Contract Description:

FY17 R4 Signal Pole Replacements in Boulder and Greeley, Colorado. The locations are at the following:

Boulder:

SH 93 MP 17.16
 SH 157 MP 0.96
 SH 157 MP 3.12
 SH 7 MP 54.26

Greeley:

Business 34 MP 9.53

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) / Underrun (-)
SECTION:	0001	BID ITEMS						
0180	613-00306 3 Inch Electrical Conduit (Bored)	3,670.000	30.00000	15.75000 LF	110,100.00	57,802.50	52.50%	-52,297.50
0185	613-07002 Type Two Pull Box	16.000	700.00000	700.00000 EACH	11,200.00	11,200.00	100.00%	0.00
0190	613-07003 Type Three Pull Box	10.000	950.00000	955.00000 EACH	9,500.00	9,550.00	100.53%	50.00
0195	613-07034 Pull Box (24"x36"x18")	1.000	1,100.00000	952.00000 EACH	1,100.00	952.00	86.55%	-148.00
0200	613-07038 Pull Box (36"x48"x18")	1.000	1,200.00000	1,230.00000 EACH	1,200.00	1,230.00	102.50%	30.00

Colorado Department Of Transportation

Printed On: 12/20/2016

Low Bid Item Analysis

Page 9 of 18

Letting No: 20161215
 Letting Date: December 15, 2016
 Letting Time: 10:00 AM

Contract ID: C20941
 Region: 4
 Contract Time: 95 WORKING DAYS

Counties: BOULDER,
 REGION 4,
 WELD
 Project(s): STAR400-346

Contract Description:

FY17 R4 Signal Pole Replacements in Boulder and Greeley, Colorado. The locations are at the following:

Boulder:

SH 93 MP 17.16
 SH 157 MP 0.96
 SH 157 MP 3.12
 SH 7 MP 54.26

Greeley:

Business 34 MP 9.53

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) / Underrun (-)
SECTION:	0001	BID ITEMS						
0205	613-10000 Wiring	1.000	35,000.00000	26,500.00000 L S	35,000.00	26,500.00	75.71%	-8,500.00
0210	613-13000 Luminaire (LED)	20.000	1,200.00000	1,108.00000 EACH	24,000.00	22,160.00	92.33%	-1,840.00
0215	613-32300 Light Standard Steel (30 Foot)	2.000	3,750.00000	2,500.00000 EACH	7,500.00	5,000.00	66.67%	-2,500.00
0220	613-40000 Concrete Foundation Pad	1.000	1,250.00000	1,250.00000 EACH	1,250.00	1,250.00	100.00%	0.00
0225	613-80130 Service Meter Cabinet	5.000	5,500.00000	6,100.00000 EACH	27,500.00	30,500.00	110.91%	3,000.00

Colorado Department Of Transportation

Printed On: 12/20/2016

Low Bid Item Analysis

Page 10 of 18

Letting No: 20161215
 Letting Date: December 15, 2016
 Letting Time: 10:00 AM

Contract ID: C20941
 Region: 4
 Contract Time: 95 WORKING DAYS

Counties: BOULDER,
 REGION 4,
 WELD
 Project(s): STAR400-346

Contract Description:

FY17 R4 Signal Pole Replacements in Boulder and Greeley, Colorado. The locations are at the following:

Boulder:

SH 93 MP 17.16
 SH 157 MP 0.96
 SH 157 MP 3.12
 SH 7 MP 54.26

Greeley:

Business 34 MP 9.53

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) / Underrun (-)
SECTION:	0001	BID ITEMS						
0230	614-00025 Sign Panel (Class I) (Install Only)	114.000	20.00000	25.00000 SF	2,280.00	2,850.00	125.00%	570.00
0235	614-00027 Sign Panel (Class II) (Install Only)	63.000	30.00000	25.00000 SF	1,890.00	1,575.00	83.33%	-315.00
0240	614-70150 Pedestrian Signal Face (16) (Countdown)	28.000	500.00000	575.00000 EACH	14,000.00	16,100.00	115.00%	2,100.00
0245	614-70200 Accessible Pedestrian Signal	8.000	1,400.00000	1,795.00000 EACH	11,200.00	14,360.00	128.21%	3,160.00
0250	614-70336 Traffic Signal Face (12-12-12)	53.000	750.00000	675.00000 EACH	39,750.00	35,775.00	90.00%	-3,975.00

Colorado Department Of Transportation

Printed On: 12/20/2016

Low Bid Item Analysis

Page 11 of 18

Letting No: 20161215
 Letting Date: December 15, 2016
 Letting Time: 10:00 AM

Contract ID: C20941
 Region: 4
 Contract Time: 95 WORKING DAYS

Counties: BOULDER,
 REGION 4,
 WELD
 Project(s): STAR400-346

Contract Description:

FY17 R4 Signal Pole Replacements in Boulder and Greeley, Colorado. The locations are at the following:

Boulder:

SH 93 MP 17.16
 SH 157 MP 0.96
 SH 157 MP 3.12
 SH 7 MP 54.26

Greeley:

Business 34 MP 9.53

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) / Underrun (-)
SECTION:	0001	BID ITEMS						
0255	614-70448 Traffic Signal Face (12-12-12-12)	8.000	950.00000	1,025.00000 EACH	7,600.00	8,200.00	107.89%	600.00
0260	614-70560 Traffic Signal Face (12-12-12-12-12)	1.000	1,250.00000	880.00000 EACH	1,250.00	880.00	70.40%	-370.00
0265	614-72855 Traffic Signal Controller Cabinet	1.000	17,500.00000	15,890.00000 EACH	17,500.00	15,890.00	90.80%	-1,610.00
0270	614-72860 Pedestrian Push Button	10.000	500.00000	260.00000 EACH	5,000.00	2,600.00	52.00%	-2,400.00
0275	614-72863 Pedestrian Push Button Post Assembly	8.000	1,400.00000	1,453.00000 EACH	11,200.00	11,624.00	103.79%	424.00

Colorado Department Of Transportation

Printed On: 12/20/2016

Low Bid Item Analysis

Page 12 of 18

Letting No: 20161215
 Letting Date: December 15, 2016
 Letting Time: 10:00 AM

Contract ID: C20941
 Region: 4
 Contract Time: 95 WORKING DAYS

Counties: BOULDER,
 REGION 4,
 WELD
 Project(s): STAR400-346

Contract Description:

FY17 R4 Signal Pole Replacements in Boulder and Greeley, Colorado. The locations are at the following:

Boulder:

SH 93 MP 17.16
 SH 157 MP 0.96
 SH 157 MP 3.12
 SH 7 MP 54.26

Greeley:

Business 34 MP 9.53

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) / Underrun (-)
SECTION:	0001	BID ITEMS						
0280	614-72866 Fire Preemption Unit and Timer	1.000	5,000.00000	3,612.00000 EACH	5,000.00	3,612.00	72.24%	-1,388.00
0285	614-72887 Microwave Vehicle Radar Detector	11.000	7,500.00000	7,659.00000 EACH	82,500.00	84,249.00	102.12%	1,749.00
0290	614-81135 Traffic Signal-Light Pole Steel (1-35 Foot Mast Arm)	4.000	13,000.00000	13,074.00000 EACH	52,000.00	52,296.00	100.57%	296.00
0295	614-81145 Traffic Signal-Light Pole Steel (1-45 Foot Mast Arm)	3.000	15,000.00000	14,828.00000 EACH	45,000.00	44,484.00	98.85%	-516.00

Colorado Department Of Transportation

Printed On: 12/20/2016

Low Bid Item Analysis

Page 13 of 18

Letting No: 20161215
 Letting Date: December 15, 2016
 Letting Time: 10:00 AM

Contract ID: C20941
 Region: 4
 Contract Time: 95 WORKING DAYS

Counties: BOULDER,
 REGION 4,
 WELD
 Project(s): STAR400-346

Contract Description:

FY17 R4 Signal Pole Replacements in Boulder and Greeley, Colorado. The locations are at the following:

Boulder:

SH 93 MP 17.16
 SH 157 MP 0.96
 SH 157 MP 3.12
 SH 7 MP 54.26

Greeley:

Business 34 MP 9.53

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) / Underrun (-)
SECTION:	0001	BID ITEMS						
0300	614-81150 Traffic Signal-Light Pole Steel (1-50 Foot Mast Arm)	3.000	16,000.00000	14,885.00000 EACH	48,000.00	44,655.00	93.03%	-3,345.00
0305	614-81155 Traffic Signal-Light Pole Steel (1-55 Foot Mast Arm)	1.000	17,000.00000	16,298.00000 EACH	17,000.00	16,298.00	95.87%	-702.00
0310	614-81165 Traffic Signal-Light Pole Steel (1-65 Foot Mast Arm)	1.000	21,000.00000	22,429.00000 EACH	21,000.00	22,429.00	106.80%	1,429.00
0315	614-81170 Traffic Signal-Light Pole Steel (1-70 Foot Mast Arm)	1.000	27,500.00000	26,451.00000 EACH	27,500.00	26,451.00	96.19%	-1,049.00

Colorado Department Of Transportation

Printed On: 12/20/2016

Low Bid Item Analysis

Page 14 of 18

Letting No: 20161215
 Letting Date: December 15, 2016
 Letting Time: 10:00 AM

Contract ID: C20941
 Region: 4
 Contract Time: 95 WORKING DAYS

Counties: BOULDER,
 REGION 4,
 WELD
 Project(s): STAR400-346

Contract Description:

FY17 R4 Signal Pole Replacements in Boulder and Greeley, Colorado. The locations are at the following:

Boulder:

SH 93 MP 17.16
 SH 157 MP 0.96
 SH 157 MP 3.12
 SH 7 MP 54.26

Greeley:

Business 34 MP 9.53

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) / Underrun (-)
SECTION:	0001	BID ITEMS						
0320	614-84100 Traffic Signal Pedestal Pole Aluminum	1.000	1,250.00000	2,675.00000 EACH	1,250.00	2,675.00	214.00%	1,425.00
0325	614-86105 Telemetry (Field)	1.000	4,000.00000	4,365.00000 EACH	4,000.00	4,365.00	109.13%	365.00
0330	614-86240 Traffic Signal Controller (Type 170)	1.000	22,000.00000	3,590.00000 EACH	22,000.00	3,590.00	16.32%	-18,410.00
0335	614-86715 Traffic Signal Equipment	9.000	800.00000	2,860.00000 EACH	7,200.00	25,740.00	357.50%	18,540.00
0340	614-86800 Uninterrupted Power Supply	1.000	8,000.00000	8,115.00000 EACH	8,000.00	8,115.00	101.44%	115.00

Colorado Department Of Transportation

Printed On: 12/20/2016

Low Bid Item Analysis

Page 15 of 18

Letting No: 20161215
 Letting Date: December 15, 2016
 Letting Time: 10:00 AM

Contract ID: C20941
 Region: 4
 Contract Time: 95 WORKING DAYS

Counties: BOULDER,
 REGION 4,
 WELD
 Project(s): STAR400-346

Contract Description:

FY17 R4 Signal Pole Replacements in Boulder and Greeley, Colorado. The locations are at the following:

Boulder:

SH 93 MP 17.16
 SH 157 MP 0.96
 SH 157 MP 3.12
 SH 7 MP 54.26

Greeley:

Business 34 MP 9.53

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) / Underrun (-)
SECTION:	0001	BID ITEMS						
0345	625-00000 Construction Surveying	1.000	10,000.00000	10,000.00000 L S	10,000.00	10,000.00	100.00%	0.00
0350	626-00000 Mobilization	1.000	50,000.00000	100,000.00000 L S	50,000.00	100,000.00	200.00%	50,000.00
0355	626-01104 Public Information Services (Tier IV)	1.000	8,500.00000	9,000.00000 L S	8,500.00	9,000.00	105.88%	500.00
0360	630-00000 Flagging	600.000	30.00000	30.00000 HOUR	18,000.00	18,000.00	100.00%	0.00
0365	630-00003 Uniformed Traffic Control	40.000	85.00000	107.00000 HOUR	3,400.00	4,280.00	125.88%	880.00

Colorado Department Of Transportation

Printed On: 12/20/2016

Low Bid Item Analysis

Page 16 of 18

Letting No: 20161215
 Letting Date: December 15, 2016
 Letting Time: 10:00 AM

Contract ID: C20941
 Region: 4
 Contract Time: 95 WORKING DAYS

Counties: BOULDER,
 REGION 4,
 WELD
 Project(s): STAR400-346

Contract Description:

FY17 R4 Signal Pole Replacements in Boulder and Greeley, Colorado. The locations are at the following:

Boulder:

SH 93 MP 17.16
 SH 157 MP 0.96
 SH 157 MP 3.12
 SH 7 MP 54.26

Greeley:

Business 34 MP 9.53

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) / Underrun (-)
SECTION:	0001	BID ITEMS						
0370	630-00007 Traffic Control Inspection	38.000	200.00000	130.00000 DAY	7,600.00	4,940.00	65.00%	-2,660.00
0375	630-00012 Traffic Control Management	95.000	950.00000	913.00000 DAY	90,250.00	86,735.00	96.11%	-3,515.00
0380	630-80335 Barricade (Type 3 M-A) (Temporary)	3.000	110.00000	650.00000 EACH	330.00	1,950.00	590.91%	1,620.00
0385	630-80341 Construction Traffic Sign (Panel Size A)	46.000	40.00000	45.00000 EACH	1,840.00	2,070.00	112.50%	230.00
0390	630-80342 Construction Traffic Sign (Panel Size B)	16.000	50.00000	65.00000 EACH	800.00	1,040.00	130.00%	240.00

Colorado Department Of Transportation

Printed On: 12/20/2016

Low Bid Item Analysis

Page 17 of 18

Letting No: 20161215
 Letting Date: December 15, 2016
 Letting Time: 10:00 AM

Contract ID: C20941
 Region: 4
 Contract Time: 95 WORKING DAYS

Counties: BOULDER,
 REGION 4,
 WELD
 Project(s): STAR400-346

Contract Description:

FY17 R4 Signal Pole Replacements in Boulder and Greeley, Colorado. The locations are at the following:

Boulder:

SH 93 MP 17.16
 SH 157 MP 0.96
 SH 157 MP 3.12
 SH 7 MP 54.26

Greeley:

Business 34 MP 9.53

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) / Underrun (-)
SECTION:	0001	BID ITEMS						
0395	630-80355 Portable Message Sign Panel	2.000	5,000.00000	1,300.00000 EACH	10,000.00	2,600.00	26.00%	-7,400.00
0400	630-80358 Advance Warning Flashing or Sequencing Arrow Panel (C Type)	4.000	1,200.00000	1,300.00000 EACH	4,800.00	5,200.00	108.33%	400.00
0405	630-80360 Drum Channelizing Device	80.000	70.00000	32.00000 EACH	5,600.00	2,560.00	45.71%	-3,040.00
0410	630-80380 Traffic Cone	80.000	10.00000	13.00000 EACH	800.00	1,040.00	130.00%	240.00
0415	630-85041 Mobile Attenuator	50.000	400.00000	390.00000 DAY	20,000.00	19,500.00	97.50%	-500.00

Colorado Department Of Transportation

Printed On: 12/20/2016

Low Bid Item Analysis

Page 18 of 18

Letting No: 20161215
 Letting Date: December 15, 2016
 Letting Time: 10:00 AM

Contract ID: C20941
 Region: 4
 Contract Time: 95 WORKING DAYS

Counties: BOULDER,
 REGION 4,
 WELD
 Project(s): STAR400-346

Contract Description:

FY17 R4 Signal Pole Replacements in Boulder and Greeley, Colorado. The locations are at the following:

Boulder:

SH 93 MP 17.16
 SH 157 MP 0.96
 SH 157 MP 3.12
 SH 7 MP 54.26

Greeley:

Business 34 MP 9.53

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) / Underrun (-)
SECTION:	0001	BID ITEMS						
0420	630-86810 Traffic Signal (Temporary)	1.000	13,500.00000	8,771.00000 EACH	13,500.00	8,771.00	64.97%	-4,729.00
Section 0001 Subtotal					\$1,221,678.00	\$1,138,651.50	93.20%	-\$83,026.50
Contract Total for Calculated Low Bidders Bid Items					\$1,221,678.00	\$1,138,651.50	93.20%	-\$83,026.50