

Colorado Department Of Transportation

Printed On: 03/31/2017

Low Bid Summary

Page 1 of 1

Letting Date: March 30, 2017

Call Order	Contract ID	Project(s)	# of Bids	Low Bidder	Estimated Cost	Corrected Bid	Percent of Estimate	Overrun (+) Underrun (-)
002	C20878	SHER100-246	3	W.L. CONTRACTORS, INC.	\$1,288,234.80	\$1,078,435.90	83.71%	-\$209,798.90
Letting Totals			3		\$1,288,234.80	\$1,078,435.90	83.71%	-\$209,798.90

Colorado Department Of Transportation

Printed On: 03/31/2017

Vendor Ranking

Page 1 of 1

Letting No: 20170330
 Letting Date: March 30, 2017
 Letting Time: 10:00 AM

Contract ID: C20878
 Region: 1
 Contract Time: 70 WORKING DAYS

Project(s): SHER100-246
 Counties: ADAMS, ARAPAHOE

Contract Description:

This project consists of replacing traffic signals at three intersections: SH 75 & Coal Mine Avenue, I-25 County Line Road (west ramp), and I-70 & Chambers Road (north ramp)

Rank	Vendor ID	Vendor Name	Total Bid	Percent Of Low Bid	Percent Of Estimate
1	697A	W.L. CONTRACTORS, INC.	\$1,078,435.90	100.00%	83.71%
2	720A	STURGEON ELECTRIC COMPANY, INC.	\$1,228,384.00	113.90%	95.35%
0	-EST-	Engineer's Estimate	\$1,288,234.80	119.45%	100.00%
3	1507A	PAONIA, INC dba PAONIA, LLC	\$1,394,764.00	129.33%	108.27%

Tabulation of Bids

Letting No: 20170330
 Letting Date: March 30, 2017
 Letting Time: 10:00 AM

Contract ID: C20878
 Region: 1

Counties: ADAMS,
 ARAPAHOE

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:			
202-00190	Removal of Concrete Median Cover Material	137.000 SY	16.00000	2,192.00	20.00000	2,740.00	35.00000	4,795.00
202-00200	Removal of Sidewalk	27.000 SY	12.00000	324.00	31.00000	837.00	45.00000	1,215.00
202-00203	Removal of Curb and Gutter	432.000 LF	7.00000	3,024.00	9.25000	3,996.00	15.00000	6,480.00
202-00206	Removal of Concrete Curb Ramp	65.000 SY	21.00000	1,365.00	23.50000	1,527.50	35.00000	2,275.00
202-00210	Removal of Concrete Pavement	11.000 SY	15.00000	165.00	35.00000	385.00	38.00000	418.00
202-00220	Removal of Asphalt Mat	96.000 SY	7.00000	672.00	32.00000	3,072.00	35.00000	3,360.00
202-00250	Removal of Pavement Marking	220.000 SF	2.50000	550.00	4.35000	957.00	7.25000	1,595.00
202-00810	Removal of Ground Sign	5.000 EACH	100.00000	500.00	80.00000	400.00	80.00000	400.00
202-00828	Removal of Traffic Signal Equipment	1.000 L S	7,500.00000	7,500.00	12,615.00000	12,615.00	21,500.00000	21,500.00
202-04003	Clean Culvert (Special)	3.000 EACH	1,500.00000	4,500.00	1,500.00000	4,500.00	3,900.00000	11,700.00
203-00060	Embankment Material (Complete In Place)	300.000 CY	15.00000	4,500.00	67.00000	20,100.00	80.00000	24,000.00
203-01597	Potholing	60.000 HOUR	200.00000	12,000.00	155.00000	9,300.00	250.00000	15,000.00
203-01622	Sweeping (With Pickup Broom)	30.000 HOUR	190.00000	5,700.00	205.00000	6,150.00	61.00000	1,830.00
207-00205	Topsoil	35.000 CY	11.00000	385.00	110.00000	3,850.00	30.00000	1,050.00

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			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items					LCC:		
208-00002	Erosion Log Type 1 (12 Inch)	80.000 LF	4.50000	360.00	15.00000	1,200.00	30.00000	2,400.00
208-00035	Aggregate Bag	62.000 LF	8.00000	496.00	21.00000	1,302.00	33.00000	2,046.00
208-00045	Concrete Washout Structure	3.000 EACH	1,500.00000	4,500.00	1,200.00000	3,600.00	530.00000	1,590.00
208-00103	Removal and Disposal of Sediment (Labor)	30.000 HOUR	42.00000	1,260.00	30.00000	900.00	80.00000	2,400.00
208-00105	Removal and Disposal of Sediment (Equipment)	30.000 HOUR	95.00000	2,850.00	50.00000	1,500.00	90.00000	2,700.00
208-00106	Sweeping (Sediment Removal)	38.000 HOUR	135.92000	5,164.96	204.00000	7,752.00	160.00000	6,080.00
208-00207	Erosion Control Management	8.000 DAY	1,200.00000	9,600.00	405.00000	3,240.00	850.00000	6,800.00
210-00815	Reset Sign Panel	4.000 EACH	250.00000	1,000.00	120.00000	480.00	270.00000	1,080.00
210-00867	Reset Fire Preemption Unit	4.000 EACH	800.00000	3,200.00	375.00000	1,500.00	650.00000	2,600.00
212-00006	Seeding (Native)	0.100 ACRE	1,000.00000	100.00	25,000.00000	2,500.00	4,365.00000	436.50
212-00032	Soil Conditioning	0.100 ACRE	3,000.00000	300.00	52,000.00000	5,200.00	7,515.00000	751.50
212-01200	Landscape Restoration	1.000 L S	7,500.00000	7,500.00	12,700.00000	12,700.00	7,500.00000	7,500.00
216-00101	Soil Retention Blanket (Straw-Coconut) (Photodegradable Class 1)	968.000 SY	3.03000	2,933.04	5.25000	5,082.00	3.00000	2,904.00
403-00720	Hot Mix Asphalt (Patching) (Asphalt)	50.000 TON	195.00000	9,750.00	265.00000	13,250.00	330.00000	16,500.00

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			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items							
						LCC:		
412-00190	Concrete Pavement (Patching)	11.000 SY	150.00000	1,650.00	170.00000	1,870.00	105.00000	1,155.00
503-00036	Drilled Caisson (36 Inch)	114.000 LF	400.00000	45,600.00	325.00000	37,050.00	525.00000	59,850.00
503-00048	Drilled Caisson (48 Inch)	84.000 LF	475.00000	39,900.00	380.00000	31,920.00	520.00000	43,680.00
503-00054	Drilled Caisson (54 Inch)	21.000 LF	500.00000	10,500.00	490.00000	10,290.00	580.00000	12,180.00
606-00301	Guardrail Type 3 (6-3 Post Spacing)	25.000 LF	23.00000	575.00	85.00000	2,125.00	80.00000	2,000.00
606-01395	Transition Type 3L	1.000 EACH	1,500.00000	1,500.00	2,055.00000	2,055.00	1,825.00000	1,825.00
606-02003	End Anchorage (Nonflared)	1.000 EACH	2,100.00000	2,100.00	3,760.00000	3,760.00	3,275.00000	3,275.00
608-00000	Concrete Sidewalk	74.000 SY	60.00000	4,440.00	100.00000	7,400.00	80.00000	5,920.00
608-00010	Concrete Curb Ramp	80.000 SY	150.00000	12,000.00	150.00000	12,000.00	210.00000	16,800.00
609-21010	Curb and Gutter Type 2 (Section I-B)	225.000 LF	20.00000	4,500.00	27.00000	6,075.00	35.00000	7,875.00
609-21020	Curb and Gutter Type 2 (Section II-B)	207.000 LF	22.00000	4,554.00	32.00000	6,624.00	45.00000	9,315.00
610-00030	Median Cover Material (Concrete)	1,234.000 SF	9.00000	11,106.00	7.50000	9,255.00	15.00000	18,510.00
613-00206	2 Inch Electrical Conduit (Bored)	3,484.000 LF	17.00000	59,228.00	14.00000	48,776.00	19.25000	67,067.00
613-00306	3 Inch Electrical Conduit (Bored)	1,090.000 LF	20.00000	21,800.00	22.00000	23,980.00	23.00000	25,070.00

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			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items					LCC:		
613-01200	2 Inch Electrical Conduit (Plastic)	726.000 LF	12.00000	8,712.00	10.00000	7,260.00	11.50000	8,349.00
613-01300	3 Inch Electrical Conduit (Plastic)	364.000 LF	17.00000	6,188.00	11.00000	4,004.00	12.00000	4,368.00
613-07000	Pull Box (Special)	7.000 EACH	750.00000	5,250.00	355.00000	2,485.00	825.00000	5,775.00
613-07023	Pull Box (24"x36"x24")	18.000 EACH	1,300.00000	23,400.00	940.00000	16,920.00	1,265.00000	22,770.00
613-07040	Pull Box (30"x48"x24")	3.000 EACH	1,650.00000	4,950.00	1,340.00000	4,020.00	1,620.00000	4,860.00
613-10000	Wiring	1.000 L S	20,000.00000	20,000.00	12,268.00000	12,268.00	28,500.00000	28,500.00
613-13000	Luminaire (LED)	9.000 EACH	1,350.00000	12,150.00	1,385.00000	12,465.00	1,080.00000	9,720.00
613-80130	Service Meter Cabinet	3.000 EACH	3,815.79000	11,447.37	3,390.00000	10,170.00	6,625.00000	19,875.00
614-00011	Sign Panel (Class I)	107.000 SF	25.00000	2,675.00	29.00000	3,103.00	42.00000	4,494.00
614-00012	Sign Panel (Class II)	50.000 SF	22.45000	1,122.50	29.00000	1,450.00	50.00000	2,500.00
614-70150	Pedestrian Signal Face (16) (Countdown)	22.000 EACH	700.00000	15,400.00	465.00000	10,230.00	645.00000	14,190.00
614-70336	Traffic Signal Face (12-12-12)	42.000 EACH	900.00000	37,800.00	665.00000	27,930.00	1,040.00000	43,680.00
614-70448	Traffic Signal Face (12-12-12-12)	8.000 EACH	1,300.00000	10,400.00	950.00000	7,600.00	1,230.00000	9,840.00
614-72860	Pedestrian Push Button	22.000 EACH	350.00000	7,700.00	190.00000	4,180.00	315.00000	6,930.00

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			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items				LCC:			
614-72863	Pedestrian Push Button Post Assembly	13.000 EACH	1,400.00000	18,200.00	1,070.00000	13,910.00	1,020.00000	13,260.00
614-72875	Loop Detector Wire	4,768.000 LF	4.00000	19,072.00	4.30000	20,502.40	3.75000	17,880.00
614-72886	Intersection Detection System (Camera)	1.000 EACH	7,046.67000	7,046.67	24,655.00000	24,655.00	7,580.00000	7,580.00
614-72889	Traffic Signal Vehicle Detector (Micro Type) (Non-Invasive)	10.000 EACH	1,680.91000	16,809.10	1,200.00000	12,000.00	2,445.00000	24,450.00
614-81130	Traffic Signal-Light Pole Steel (1-30 Foot Mast Arm)	1.000 EACH	17,000.00000	17,000.00	14,212.00000	14,212.00	12,325.00000	12,325.00
614-81140	Traffic Signal-Light Pole Steel (1-40 Foot Mast Arm)	2.000 EACH	19,000.00000	38,000.00	13,420.00000	26,840.00	11,895.00000	23,790.00
614-81150	Traffic Signal-Light Pole Steel (1-50 Foot Mast Arm)	1.000 EACH	20,000.00000	20,000.00	13,490.00000	13,490.00	12,925.00000	12,925.00
614-81155	Traffic Signal-Light Pole Steel (1-55 Foot Mast Arm)	2.000 EACH	19,460.66000	38,921.32	13,695.00000	27,390.00	12,330.00000	24,660.00
614-81160	Traffic Signal Light Pole Steel (1-60 Foot Mast Arm)	2.000 EACH	25,500.00000	51,000.00	20,465.00000	40,930.00	22,995.00000	45,990.00
614-81165	Traffic Signal-Light Pole Steel (1-65 Foot Mast Arm)	2.000 EACH	22,000.00000	44,000.00	22,740.00000	45,480.00	24,615.00000	49,230.00
614-81175	Traffic Signal-Light Pole Steel (1-75 Foot Mast Arm)	1.000 EACH	25,000.00000	25,000.00	24,995.00000	24,995.00	23,995.00000	23,995.00
614-84000	Traffic Signal Pedestal Pole Steel	4.000 EACH	1,108.51000	4,434.04	2,271.00000	9,084.00	3,235.00000	12,940.00

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			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items				LCC:			
614-86246	Controller (Type 170E-HC11)	3.000 EACH	32,000.00000	96,000.00	28,281.00000	84,843.00	27,735.00000	83,205.00
614-87010	Fiber Optic Cable (Single Mode) (12 Fiber)	1,000.000 LF	4.00000	4,000.00	6.50000	6,500.00	5.00000	5,000.00
614-87350	Test Fiber Optic Cable	1.000 L S	98,000.00000	98,000.00	3,100.00000	3,100.00	5,625.00000	5,625.00
620-00020	Sanitary Facility	1.000 EACH	2,000.00000	2,000.00	600.00000	600.00	5,625.00000	5,625.00
625-00000	Construction Surveying	1.000 L S	10,000.00000	10,000.00	8,940.00000	8,940.00	9,505.00000	9,505.00
625-00001	Construction Surveying (Hourly)	40.000 HOUR	186.31000	7,452.40	185.00000	7,400.00	175.00000	7,000.00
626-00000	Mobilization	1.000 L S	120,000.00000	120,000.00	73,000.00000	73,000.00	60,000.00000	60,000.00
626-01103	Public Information Services (Tier III)	1.000 L S	20,000.00000	20,000.00	6,770.00000	6,770.00	6,900.00000	6,900.00
627-00005	Epoxy Pavement Marking	30.000 GAL	300.00000	9,000.00	185.00000	5,550.00	250.00000	7,500.00
627-30324	Preformed Plastic Pavement Marking (Word-Symbol) (Type I)	296.000 SF	19.65000	5,816.40	15.00000	4,440.00	38.00000	11,248.00
627-30332	Preformed Plastic Pavement Marking (Xwalk-Stop Line) (Type III)	2,736.000 SF	12.00000	32,832.00	11.00000	30,096.00	12.00000	32,832.00
630-00000	Flagging	1,200.000 HOUR	24.91000	29,892.00	30.00000	36,000.00	26.00000	31,200.00
630-00003	Uniformed Traffic Control	96.000 HOUR	80.00000	7,680.00	105.00000	10,080.00	110.00000	10,560.00
630-00004	Traffic Control Vehicle	2.000 EACH	1,500.00000	3,000.00	620.00000	1,240.00	525.00000	1,050.00

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			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items				LCC:			
630-00007	Traffic Control Inspection	31.000 DAY	150.00000	4,650.00	93.00000	2,883.00	80.00000	2,480.00
630-00012	Traffic Control Management	75.000 DAY	650.00000	48,750.00	775.00000	58,125.00	820.00000	61,500.00
630-80341	Construction Traffic Sign (Panel Size A)	20.000 EACH	60.00000	1,200.00	25.00000	500.00	21.00000	420.00
630-80342	Construction Traffic Sign (Panel Size B)	20.000 EACH	62.00000	1,240.00	50.00000	1,000.00	42.00000	840.00
630-80344	Construction Traffic Sign (Special)	100.000 SF	25.00000	2,500.00	13.00000	1,300.00	11.00000	1,100.00
630-80358	Advance Warning Flashing or Sequencing Arrow Panel (C Type)	2.000 EACH	1,500.00000	3,000.00	1,115.00000	2,230.00	945.00000	1,890.00
630-80360	Drum Channelizing Device	50.000 EACH	27.00000	1,350.00	25.00000	1,250.00	21.00000	1,050.00
630-80380	Traffic Cone	150.000 EACH	9.00000	1,350.00	8.00000	1,200.00	7.00000	1,050.00
Section Totals:				\$1,288,234.80		\$1,078,435.90		\$1,228,384.00
Contract Grand Totals				\$1,288,234.80		\$1,078,435.90		\$1,228,384.00

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202-00190	Removal of Concrete Median Cover Material	137.000 SY	19.00000	2,603.00				
202-00200	Removal of Sidewalk	27.000 SY	30.00000	810.00				
202-00203	Removal of Curb and Gutter	432.000 LF	10.00000	4,320.00				
202-00206	Removal of Concrete Curb Ramp	65.000 SY	23.00000	1,495.00				
202-00210	Removal of Concrete Pavement	11.000 SY	30.00000	330.00				
202-00220	Removal of Asphalt Mat	96.000 SY	30.00000	2,880.00				
202-00250	Removal of Pavement Marking	220.000 SF	7.00000	1,540.00				
202-00810	Removal of Ground Sign	5.000 EACH	200.00000	1,000.00				
202-00828	Removal of Traffic Signal Equipment	1.000 L S	75,000.00000	75,000.00				
202-04003	Clean Culvert (Special)	3.000 EACH	1,000.00000	3,000.00				
203-00060	Embankment Material (Complete In Place)	300.000 CY	70.00000	21,000.00				
203-01597	Potholing	60.000 HOUR	250.00000	15,000.00				
203-01622	Sweeping (With Pickup Broom)	30.000 HOUR	150.00000	4,500.00				
207-00205	Topsoil	35.000 CY	40.00000	1,400.00				

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208-00002	Erosion Log Type 1 (12 Inch)	80.000 LF	6.00000	480.00				
208-00035	Aggregate Bag	62.000 LF	8.00000	496.00				
208-00045	Concrete Washout Structure	3.000 EACH	500.00000	1,500.00				
208-00103	Removal and Disposal of Sediment (Labor)	30.000 HOUR	100.00000	3,000.00				
208-00105	Removal and Disposal of Sediment (Equipment)	30.000 HOUR	100.00000	3,000.00				
208-00106	Sweeping (Sediment Removal)	38.000 HOUR	150.00000	5,700.00				
208-00207	Erosion Control Management	8.000 DAY	500.00000	4,000.00				
210-00815	Reset Sign Panel	4.000 EACH	300.00000	1,200.00				
210-00867	Reset Fire Preemption Unit	4.000 EACH	2,000.00000	8,000.00				
212-00006	Seeding (Native)	0.100 ACRE	6,000.00000	600.00				
212-00032	Soil Conditioning	0.100 ACRE	6,000.00000	600.00				
212-01200	Landscape Restoration	1.000 L S	20,000.00000	20,000.00				
216-00101	Soil Retention Blanket (Straw-Coconut) (Photodegradable Class 1)	968.000 SY	23.00000	22,264.00				
403-00720	Hot Mix Asphalt (Patching) (Asphalt)	50.000 TON	230.00000	11,500.00				

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503-00036	Drilled Caisson (36 Inch)	114.000 LF	500.00000	57,000.00				
503-00048	Drilled Caisson (48 Inch)	84.000 LF	1,100.00000	92,400.00				
503-00054	Drilled Caisson (54 Inch)	21.000 LF	1,150.00000	24,150.00				
606-00301	Guardrail Type 3 (6-3 Post Spacing)	25.000 LF	200.00000	5,000.00				
606-01395	Transition Type 3L	1.000 EACH	2,000.00000	2,000.00				
606-02003	End Anchorage (Nonflared)	1.000 EACH	4,000.00000	4,000.00				
608-00000	Concrete Sidewalk	74.000 SY	90.00000	6,660.00				
608-00010	Concrete Curb Ramp	80.000 SY	125.00000	10,000.00				
609-21010	Curb and Gutter Type 2 (Section I-B)	225.000 LF	26.00000	5,850.00				
609-21020	Curb and Gutter Type 2 (Section II-B)	207.000 LF	30.00000	6,210.00				
610-00030	Median Cover Material (Concrete)	1,234.000 SF	8.00000	9,872.00				
613-00206	2 Inch Electrical Conduit (Bored)	3,484.000 LF	18.00000	62,712.00				
613-00306	3 Inch Electrical Conduit (Bored)	1,090.000 LF	22.00000	23,980.00				

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Counties: ADAMS,
 ARAPAHOE

Item Code	Description	Quantity	(3) 1507A PAONIA, INC					
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items							
								LCC:
613-01200	2 Inch Electrical Conduit (Plastic)	726.000 LF	16.00000	11,616.00				
613-01300	3 Inch Electrical Conduit (Plastic)	364.000 LF	18.00000	6,552.00				
613-07000	Pull Box (Special)	7.000 EACH	4,000.00000	28,000.00				
613-07023	Pull Box (24"x36"x24")	18.000 EACH	1,500.00000	27,000.00				
613-07040	Pull Box (30"x48"x24")	3.000 EACH	2,000.00000	6,000.00				
613-10000	Wiring	1.000 L S	20,000.00000	20,000.00				
613-13000	Luminaire (LED)	9.000 EACH	450.00000	4,050.00				
613-80130	Service Meter Cabinet	3.000 EACH	7,000.00000	21,000.00				
614-00011	Sign Panel (Class I)	107.000 SF	9.00000	963.00				
614-00012	Sign Panel (Class II)	50.000 SF	15.00000	750.00				
614-70150	Pedestrian Signal Face (16) (Countdown)	22.000 EACH	500.00000	11,000.00				
614-70336	Traffic Signal Face (12-12-12)	42.000 EACH	600.00000	25,200.00				
614-70448	Traffic Signal Face (12-12-12-12)	8.000 EACH	750.00000	6,000.00				
614-72860	Pedestrian Push Button	22.000 EACH	500.00000	11,000.00				

Tabulation of Bids

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Counties: ADAMS,
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				(3) 1507A PAONIA, INC					
Item Code	Description	Quantity		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items						LCC:		
614-72863	Pedestrian Push Button Post Assembly	13.000 EACH		650.00000	8,450.00				
614-72875	Loop Detector Wire	4,768.000 LF		3.00000	14,304.00				
614-72886	Intersection Detection System (Camera)	1.000 EACH		5,000.00000	5,000.00				
614-72889	Traffic Signal Vehicle Detector (Micro Type) (Non-Invasive)	10.000 EACH		3,000.00000	30,000.00				
614-81130	Traffic Signal-Light Pole Steel (1-30 Foot Mast Arm)	1.000 EACH		10,000.00000	10,000.00				
614-81140	Traffic Signal-Light Pole Steel (1-40 Foot Mast Arm)	2.000 EACH		10,000.00000	20,000.00				
614-81150	Traffic Signal-Light Pole Steel (1-50 Foot Mast Arm)	1.000 EACH		15,000.00000	15,000.00				
614-81155	Traffic Signal-Light Pole Steel (1-55 Foot Mast Arm)	2.000 EACH		16,000.00000	32,000.00				
614-81160	Traffic Signal Light Pole Steel (1-60 Foot Mast Arm)	2.000 EACH		18,000.00000	36,000.00				
614-81165	Traffic Signal-Light Pole Steel (1-65 Foot Mast Arm)	2.000 EACH		22,000.00000	44,000.00				
614-81175	Traffic Signal-Light Pole Steel (1-75 Foot Mast Arm)	1.000 EACH		28,000.00000	28,000.00				
614-84000	Traffic Signal Pedestal Pole Steel	4.000 EACH		1,500.00000	6,000.00				

Tabulation of Bids

Letting No: 20170330
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Counties: ADAMS,
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Item Code	Description	Quantity	(3) 1507A PAONIA, INC		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
			Unit Price	Amount						
SECTION:	0001 Bid Items									
614-86246	Controller (Type 170E-HC11)	3.000 EACH	24,000.00000	72,000.00						
614-87010	Fiber Optic Cable (Single Mode) (12 Fiber)	1,000.000 LF	7.00000	7,000.00						
614-87350	Test Fiber Optic Cable	1.000 L S	5,000.00000	5,000.00						
620-00020	Sanitary Facility	1.000 EACH	500.00000	500.00						
625-00000	Construction Surveying	1.000 L S	10,000.00000	10,000.00						
625-00001	Construction Surveying (Hourly)	40.000 HOUR	175.00000	7,000.00						
626-00000	Mobilization	1.000 L S	100,000.00000	100,000.00						
626-01103	Public Information Services (Tier III)	1.000 L S	10,000.00000	10,000.00						
627-00005	Epoxy Pavement Marking	30.000 GAL	110.00000	3,300.00						
627-30324	Preformed Plastic Pavement Marking (Word-Symbol) (Type I)	296.000 SF	21.00000	6,216.00						
627-30332	Preformed Plastic Pavement Marking (Xwalk-Stop Line) (Type III)	2,736.000 SF	11.00000	30,096.00						
630-00000	Flagging	1,200.000 HOUR	40.00000	48,000.00						
630-00003	Uniformed Traffic Control	96.000 HOUR	175.00000	16,800.00						
630-00004	Traffic Control Vehicle	2.000 EACH	1,000.00000	2,000.00						

Tabulation of Bids

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				(3) 1507A PAONIA, INC					
Item Code	Description	Quantity		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items						LCC:		
630-00007	Traffic Control Inspection	31.000	DAY	200.00000	6,200.00				
630-00012	Traffic Control Management	75.000	DAY	1,500.00000	112,500.00				
630-80341	Construction Traffic Sign (Panel Size A)	20.000	EACH	5.00000	100.00				
630-80342	Construction Traffic Sign (Panel Size B)	20.000	EACH	5.00000	100.00				
630-80344	Construction Traffic Sign (Special)	100.000	SF	12.00000	1,200.00				
630-80358	Advance Warning Flashing or Sequencing Arrow Panel (C Type)	2.000	EACH	500.00000	1,000.00				
630-80360	Drum Channelizing Device	50.000	EACH	10.00000	500.00				
630-80380	Traffic Cone	150.000	EACH	1.00000	150.00				
Section Totals:					\$1,394,764.00				
Contract Grand Totals					\$1,394,764.00				

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Contract ID: C20878
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Counties: ADAMS,
 ARAPAHOE
 Project(s): SHER100-246

Contract Description:

This project consists of replacing traffic signals at three intersections: SH 75 & Coal Mine Avenue, I-25 County Line Road (west ramp), and I-70 & Chambers Road (north ramp)

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	137.000	16.00000	20.00000 SY	2,192.00	2,740.00	125.00%	548.00
0010	202-00200 Removal of Sidewalk	27.000	12.00000	31.00000 SY	324.00	837.00	258.33%	513.00
0015	202-00203 Removal of Curb and Gutter	432.000	7.00000	9.25000 LF	3,024.00	3,996.00	132.14%	972.00
0020	202-00206 Removal of Concrete Curb Ramp	65.000	21.00000	23.50000 SY	1,365.00	1,527.50	111.90%	162.50
0025	202-00210 Removal of Concrete Pavement	11.000	15.00000	35.00000 SY	165.00	385.00	233.33%	220.00
0030	202-00220 Removal of Asphalt Mat	96.000	7.00000	32.00000 SY	672.00	3,072.00	457.14%	2,400.00
0035	202-00250 Removal of Pavement Marking	220.000	2.50000	4.35000 SF	550.00	957.00	174.00%	407.00
0040	202-00810 Removal of Ground Sign	5.000	100.00000	80.00000 EACH	500.00	400.00	80.00%	-100.00

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Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) / Underrun (-)
SECTION:	0001	Bid Items						
0045	202-00828 Removal of Traffic Signal Equipment	1.000	7,500.00000	12,615.00000 L S	7,500.00	12,615.00	168.20%	5,115.00
0050	202-04003 Clean Culvert (Special)	3.000	1,500.00000	1,500.00000 EACH	4,500.00	4,500.00	100.00%	0.00
0055	203-00060 Embankment Material (Complete In Place)	300.000	15.00000	67.00000 CY	4,500.00	20,100.00	446.67%	15,600.00
0060	203-01597 Potholing	60.000	200.00000	155.00000 HOUR	12,000.00	9,300.00	77.50%	-2,700.00
0065	203-01622 Sweeping (With Pickup Broom)	30.000	190.00000	205.00000 HOUR	5,700.00	6,150.00	107.89%	450.00
0070	207-00205 Topsoil	35.000	11.00000	110.00000 CY	385.00	3,850.00	1000.00%	3,465.00
0075	208-00002 Erosion Log Type 1 (12 Inch)	80.000	4.50000	15.00000 LF	360.00	1,200.00	333.33%	840.00
0080	208-00035 Aggregate Bag	62.000	8.00000	21.00000 LF	496.00	1,302.00	262.50%	806.00

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SECTION:	0001	Bid Items						
0085	208-00045 Concrete Washout Structure	3.000	1,500.00000	1,200.00000 EACH	4,500.00	3,600.00	80.00%	-900.00
0090	208-00103 Removal and Disposal of Sediment (Labor)	30.000	42.00000	30.00000 HOUR	1,260.00	900.00	71.43%	-360.00
0095	208-00105 Removal and Disposal of Sediment (Equipment)	30.000	95.00000	50.00000 HOUR	2,850.00	1,500.00	52.63%	-1,350.00
0100	208-00106 Sweeping (Sediment Removal)	38.000	135.92000	204.00000 HOUR	5,164.96	7,752.00	150.09%	2,587.04
0105	208-00207 Erosion Control Management	8.000	1,200.00000	405.00000 DAY	9,600.00	3,240.00	33.75%	-6,360.00
0110	210-00815 Reset Sign Panel	4.000	250.00000	120.00000 EACH	1,000.00	480.00	48.00%	-520.00
0115	210-00867 Reset Fire Preemption Unit	4.000	800.00000	375.00000 EACH	3,200.00	1,500.00	46.88%	-1,700.00
0120	212-00006 Seeding (Native)	0.100	1,000.00000	25,000.00000 ACRE	100.00	2,500.00	2500.00%	2,400.00

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This project consists of replacing traffic signals at three intersections: SH 75 & Coal Mine Avenue, I-25 County Line Road (west ramp), and I-70 & Chambers Road (north ramp)

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	3,000.00000	52,000.00000 ACRE	300.00	5,200.00	1733.33%	4,900.00
0130	212-01200 Landscape Restoration	1.000	7,500.00000	12,700.00000 L S	7,500.00	12,700.00	169.33%	5,200.00
0135	216-00101 Soil Retention Blanket (Straw-Coconut) (Photodegradable Class 1)	968.000	3.03000	5.25000 SY	2,933.04	5,082.00	173.27%	2,148.96
0140	403-00720 Hot Mix Asphalt (Patching) (Asphalt)	50.000	195.00000	265.00000 TON	9,750.00	13,250.00	135.90%	3,500.00
0145	412-00190 Concrete Pavement (Patching)	11.000	150.00000	170.00000 SY	1,650.00	1,870.00	113.33%	220.00
0150	503-00036 Drilled Caisson (36 Inch)	114.000	400.00000	325.00000 LF	45,600.00	37,050.00	81.25%	-8,550.00
0155	503-00048 Drilled Caisson (48 Inch)	84.000	475.00000	380.00000 LF	39,900.00	31,920.00	80.00%	-7,980.00
0160	503-00054 Drilled Caisson (54 Inch)	21.000	500.00000	490.00000 LF	10,500.00	10,290.00	98.00%	-210.00

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This project consists of replacing traffic signals at three intersections: SH 75 & Coal Mine Avenue, I-25 County Line Road (west ramp), and I-70 & Chambers Road (north ramp)

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	Bid Items						
0165	606-00301 Guardrail Type 3 (6-3 Post Spacing)	25.000	23.00000	85.00000 LF	575.00	2,125.00	369.57%	1,550.00
0170	606-01395 Transition Type 3L	1.000	1,500.00000	2,055.00000 EACH	1,500.00	2,055.00	137.00%	555.00
0175	606-02003 End Anchorage (Nonflared)	1.000	2,100.00000	3,760.00000 EACH	2,100.00	3,760.00	179.05%	1,660.00
0180	608-00000 Concrete Sidewalk	74.000	60.00000	100.00000 SY	4,440.00	7,400.00	166.67%	2,960.00
0185	608-00010 Concrete Curb Ramp	80.000	150.00000	150.00000 SY	12,000.00	12,000.00	100.00%	0.00
0190	609-21010 Curb and Gutter Type 2 (Section I-B)	225.000	20.00000	27.00000 LF	4,500.00	6,075.00	135.00%	1,575.00
0195	609-21020 Curb and Gutter Type 2 (Section II-B)	207.000	22.00000	32.00000 LF	4,554.00	6,624.00	145.45%	2,070.00
0200	610-00030 Median Cover Material (Concrete)	1,234.000	9.00000	7.50000 SF	11,106.00	9,255.00	83.33%	-1,851.00

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Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	Bid Items						
0205	613-00206 2 Inch Electrical Conduit (Bored)	3,484.000	17.00000	14.00000 LF	59,228.00	48,776.00	82.35%	-10,452.00
0210	613-00306 3 Inch Electrical Conduit (Bored)	1,090.000	20.00000	22.00000 LF	21,800.00	23,980.00	110.00%	2,180.00
0215	613-01200 2 Inch Electrical Conduit (Plastic)	726.000	12.00000	10.00000 LF	8,712.00	7,260.00	83.33%	-1,452.00
0220	613-01300 3 Inch Electrical Conduit (Plastic)	364.000	17.00000	11.00000 LF	6,188.00	4,004.00	64.71%	-2,184.00
0225	613-07000 Pull Box (Special)	7.000	750.00000	355.00000 EACH	5,250.00	2,485.00	47.33%	-2,765.00
0230	613-07023 Pull Box (24"x36"x24")	18.000	1,300.00000	940.00000 EACH	23,400.00	16,920.00	72.31%	-6,480.00
0235	613-07040 Pull Box (30"x48"x24")	3.000	1,650.00000	1,340.00000 EACH	4,950.00	4,020.00	81.21%	-930.00
0240	613-10000 Wiring	1.000	20,000.00000	12,268.00000 L S	20,000.00	12,268.00	61.34%	-7,732.00

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This project consists of replacing traffic signals at three intersections: SH 75 & Coal Mine Avenue, I-25 County Line Road (west ramp), and I-70 & Chambers Road (north ramp)

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	Bid Items						
0245	613-13000 Luminaire (LED)	9.000	1,350.00000	1,385.00000 EACH	12,150.00	12,465.00	102.59%	315.00
0250	613-80130 Service Meter Cabinet	3.000	3,815.79000	3,390.00000 EACH	11,447.37	10,170.00	88.84%	-1,277.37
0255	614-00011 Sign Panel (Class I)	107.000	25.00000	29.00000 SF	2,675.00	3,103.00	116.00%	428.00
0260	614-00012 Sign Panel (Class II)	50.000	22.45000	29.00000 SF	1,122.50	1,450.00	129.18%	327.50
0265	614-70150 Pedestrian Signal Face (16) (Countdown)	22.000	700.00000	465.00000 EACH	15,400.00	10,230.00	66.43%	-5,170.00
0270	614-70336 Traffic Signal Face (12-12-12)	42.000	900.00000	665.00000 EACH	37,800.00	27,930.00	73.89%	-9,870.00
0275	614-70448 Traffic Signal Face (12-12-12-12)	8.000	1,300.00000	950.00000 EACH	10,400.00	7,600.00	73.08%	-2,800.00
0280	614-72860 Pedestrian Push Button	22.000	350.00000	190.00000 EACH	7,700.00	4,180.00	54.29%	-3,520.00

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Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	Bid Items						
0285	614-72863 Pedestrian Push Button Post Assembly	13.000	1,400.00000	1,070.00000 EACH	18,200.00	13,910.00	76.43%	-4,290.00
0290	614-72875 Loop Detector Wire	4,768.000	4.00000	4.30000 LF	19,072.00	20,502.40	107.50%	1,430.40
0295	614-72886 Intersection Detection System (Camera)	1.000	7,046.67000	24,655.00000 EACH	7,046.67	24,655.00	349.88%	17,608.33
0300	614-72889 Traffic Signal Vehicle Detector (Micro Type) (Non-Invasive)	10.000	1,680.91000	1,200.00000 EACH	16,809.10	12,000.00	71.39%	-4,809.10
0305	614-81130 Traffic Signal-Light Pole Steel (1-30 Foot Mast Arm)	1.000	17,000.00000	14,212.00000 EACH	17,000.00	14,212.00	83.60%	-2,788.00
0310	614-81140 Traffic Signal-Light Pole Steel (1-40 Foot Mast Arm)	2.000	19,000.00000	13,420.00000 EACH	38,000.00	26,840.00	70.63%	-11,160.00
0315	614-81150 Traffic Signal-Light Pole Steel (1-50 Foot Mast Arm)	1.000	20,000.00000	13,490.00000 EACH	20,000.00	13,490.00	67.45%	-6,510.00

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Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) / Underrun (-)
SECTION:	0001	Bid Items						
0320	614-81155 Traffic Signal-Light Pole Steel (1-55 Foot Mast Arm)	2.000	19,460.66000	13,695.00000 EACH	38,921.32	27,390.00	70.37%	-11,531.32
0325	614-81160 Traffic Signal Light Pole Steel (1-60 Foot Mast Arm)	2.000	25,500.00000	20,465.00000 EACH	51,000.00	40,930.00	80.25%	-10,070.00
0330	614-81165 Traffic Signal-Light Pole Steel (1-65 Foot Mast Arm)	2.000	22,000.00000	22,740.00000 EACH	44,000.00	45,480.00	103.36%	1,480.00
0335	614-81175 Traffic Signal-Light Pole Steel (1-75 Foot Mast Arm)	1.000	25,000.00000	24,995.00000 EACH	25,000.00	24,995.00	99.98%	-5.00
0340	614-84000 Traffic Signal Pedestal Pole Steel	4.000	1,108.51000	2,271.00000 EACH	4,434.04	9,084.00	204.87%	4,649.96
0345	614-86246 Controller (Type 170E-HC11)	3.000	32,000.00000	28,281.00000 EACH	96,000.00	84,843.00	88.38%	-11,157.00
0350	614-87010 Fiber Optic Cable (Single Mode) (12 Fiber)	1,000.000	4.00000	6.50000 LF	4,000.00	6,500.00	162.50%	2,500.00

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SECTION:	0001	Bid Items						
0355	614-87350 Test Fiber Optic Cable	1.000	98,000.00000	3,100.00000 L S	98,000.00	3,100.00	3.16%	-94,900.00
0360	620-00020 Sanitary Facility	1.000	2,000.00000	600.00000 EACH	2,000.00	600.00	30.00%	-1,400.00
0365	625-00000 Construction Surveying	1.000	10,000.00000	8,940.00000 L S	10,000.00	8,940.00	89.40%	-1,060.00
0370	625-00001 Construction Surveying (Hourly)	40.000	186.31000	185.00000 HOUR	7,452.40	7,400.00	99.30%	-52.40
0375	626-00000 Mobilization	1.000	120,000.00000	73,000.00000 L S	120,000.00	73,000.00	60.83%	-47,000.00
0380	626-01103 Public Information Services (Tier III)	1.000	20,000.00000	6,770.00000 L S	20,000.00	6,770.00	33.85%	-13,230.00
0385	627-00005 Epoxy Pavement Marking	30.000	300.00000	185.00000 GAL	9,000.00	5,550.00	61.67%	-3,450.00
0390	627-30324 Preformed Plastic Pavement Marking (Word-Symbol) (Type I)	296.000	19.65000	15.00000 SF	5,816.40	4,440.00	76.34%	-1,376.40

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Low Bid Item Analysis

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Letting No: 20170330
 Letting Date: March 30, 2017
 Letting Time: 10:00 AM

Contract ID: C20878
 Region: 1
 Contract Time: 70 WORKING DAYS

Counties: ADAMS,
 ARAPAHOE
 Project(s): SHER100-246

Contract Description:

This project consists of replacing traffic signals at three intersections: SH 75 & Coal Mine Avenue, I-25 County Line Road (west ramp), and I-70 & Chambers Road (north ramp)

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	Bid Items						
0395	627-30332 Preformed Plastic Pavement Marking (Xwalk-Stop Line) (Type III)	2,736.000	12.00000	11.00000 SF	32,832.00	30,096.00	91.67%	-2,736.00
0400	630-00000 Flagging	1,200.000	24.91000	30.00000 HOUR	29,892.00	36,000.00	120.43%	6,108.00
0405	630-00003 Uniformed Traffic Control	96.000	80.00000	105.00000 HOUR	7,680.00	10,080.00	131.25%	2,400.00
0410	630-00004 Traffic Control Vehicle	2.000	1,500.00000	620.00000 EACH	3,000.00	1,240.00	41.33%	-1,760.00
0415	630-00007 Traffic Control Inspection	31.000	150.00000	93.00000 DAY	4,650.00	2,883.00	62.00%	-1,767.00
0420	630-00012 Traffic Control Management	75.000	650.00000	775.00000 DAY	48,750.00	58,125.00	119.23%	9,375.00
0425	630-80341 Construction Traffic Sign (Panel Size A)	20.000	60.00000	25.00000 EACH	1,200.00	500.00	41.67%	-700.00
0430	630-80342 Construction Traffic Sign (Panel Size B)	20.000	62.00000	50.00000 EACH	1,240.00	1,000.00	80.65%	-240.00

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Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	Bid Items						
0435	630-80344 Construction Traffic Sign (Special)	100.000	25.00000	13.00000 SF	2,500.00	1,300.00	52.00%	-1,200.00
0440	630-80358 Advance Warning Flashing or Sequencing Arrow Panel (C Type)	2.000	1,500.00000	1,115.00000 EACH	3,000.00	2,230.00	74.33%	-770.00
0445	630-80360 Drum Channelizing Device	50.000	27.00000	25.00000 EACH	1,350.00	1,250.00	92.59%	-100.00
0450	630-80380 Traffic Cone	150.000	9.00000	8.00000 EACH	1,350.00	1,200.00	88.89%	-150.00
Section 0001 Subtotal					\$1,288,234.80	\$1,078,435.90	83.71%	-\$209,798.90
Contract Total for Calculated Low Bidders Bid Items					\$1,288,234.80	\$1,078,435.90	83.71%	-\$209,798.90