

Colorado Department Of Transportation

Printed On: 01/05/2018

Low Bid Summary

Page 1 of 1

Letting Date: January 04, 2018

Call Order	Contract ID	Project(s)	# of Bids	Low Bidder	Estimated Cost	Corrected Bid	Percent of Estimate	Overrun (+) Underrun (-)
004	C20759	STR0091-043	2	A and S CONSTRUCTION CO.	\$2,363,538.90	\$3,317,399.50	140.36%	\$953,860.60
Letting Totals			2		\$2,363,538.90	\$3,317,399.50	140.36%	\$953,860.60

Colorado Department Of Transportation

Printed On: 01/05/2018

Vendor Ranking

Page 1 of 1

Letting No: 20180104
 Letting Date: January 04, 2018
 Letting Time: 10:00 AM

Contract ID: C20759
 Region: 3
 Contract Time: 08/31/18 COMPLETION DATE

Project(s): STR0091-043
 Counties: SUMMIT

Contract Description:

SH 9 SUMMIT BOULEVARD MP 96.1 TO MP 97.2, THIS PROJECT SHALL INCLUDE HMA RESURFACING, ADA CURB RAMP UPGRADES, AND SIGNAL CAMERAS.

A mandatory pre-bid conference will be held on December 14, 2017 beginning at 1:00 pm in the Mountain Residency's Straight Creek Conference Room located just North of the West side of the Eisenhower tunnel. Bids will be accepted only from pre-qualified bidders who attend the mandatory pre-bid conference.

Rank	Vendor ID	Vendor Name	Total Bid	Percent Of Low Bid	Percent Of Estimate
0	-EST-	Engineer's Estimate	\$2,363,538.90	71.25%	100.00%
1	005A	A and S CONSTRUCTION CO.	\$3,317,399.50	100.00%	140.36%
2	637A	APC CONSTRUCTION CO., LLC	\$3,621,470.75	109.17%	153.22%

Tabulation of Bids

Letting No: 20180104
 Letting Date: January 04, 2018
 Letting Time: 10:00 AM

Contract ID: C20759
 Region: 3

Counties: SUMMIT

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 005A A and S CONSTRUCTION CO.		(2) 637A APC CONSTRUCTION CO., LLC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items							
					LCC:			
202-00195	Removal of Median Cover	23.000 SY	20.00000	460.00	200.00000	4,600.00	194.50000	4,473.50
202-00200	Removal of Sidewalk	63.000 SY	20.00000	1,260.00	350.00000	22,050.00	425.00000	26,775.00
202-00201	Removal of Curb	20.000 LF	30.00000	600.00	30.00000	600.00	32.50000	650.00
202-00203	Removal of Curb and Gutter	738.000 LF	5.00000	3,690.00	30.00000	22,140.00	32.50000	23,985.00
202-00206	Removal of Concrete Curb Ramp	82.000 SY	50.00000	4,100.00	400.00000	32,800.00	495.00000	40,590.00
202-00210	Removal of Concrete Pavement	44.000 SY	50.00000	2,200.00	120.00000	5,280.00	130.00000	5,720.00
202-00220	Removal of Asphalt Mat	566.000 SY	12.00000	6,792.00	30.00000	16,980.00	57.25000	32,403.50
202-00240	Removal of Asphalt Mat (Planing)	62,453.000 SY	2.50000	156,132.50	3.50000	218,585.50	6.60000	412,189.80
202-00250	Removal of Pavement Marking	11,762.000 SF	3.00000	35,286.00	2.00000	23,524.00	1.62000	19,054.44
202-00503	Removal of Portions of Present Structure	2.000 SY	500.00000	1,000.00	7,000.00000	14,000.00	6,485.00000	12,970.00
202-00827	Removal of Pull Box	1.000 EACH	300.00000	300.00	150.00000	150.00	490.00000	490.00
202-00828	Removal of Traffic Signal Equipment	1.000 L S	3,000.00000	3,000.00	2,500.00000	2,500.00	6,000.00000	6,000.00
202-00860	Removal of Pedestrian Push Button	16.000 EACH	100.00000	1,600.00	70.00000	1,120.00	220.00000	3,520.00
202-01130	Removal of Guardrail Type 3	134.000 LF	5.00000	670.00	12.00000	1,608.00	15.00000	2,010.00

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						LCC:		
202-01300	Removal of End Anchorage	4.000 EACH	350.00000	1,400.00	400.00000	1,600.00	440.00000	1,760.00
202-05100	Sandblasting Reinforcing Steel	2.000 SY	40.00000	80.00	2,400.00000	4,800.00	2,595.00000	5,190.00
203-00010	Unclassified Excavation (Complete In Place)	75.000 CY	15.00000	1,125.00	140.00000	10,500.00	165.00000	12,375.00
203-01597	Potholing	40.000 HOUR	200.00000	8,000.00	240.00000	9,600.00	280.00000	11,200.00
207-00205	Topsoil	5.000 CY	100.00000	500.00	200.00000	1,000.00	365.00000	1,825.00
208-00035	Aggregate Bag	400.000 LF	8.00000	3,200.00	16.00000	6,400.00	15.60000	6,240.00
208-00045	Concrete Washout Structure	1.000 EACH	1,000.00000	1,000.00	5,000.00000	5,000.00	5,850.00000	5,850.00
208-00053	Storm Drain Inlet Protection (Type I) (84 Inch)	11.000 EACH	200.00000	2,200.00	200.00000	2,200.00	194.50000	2,139.50
208-00054	Storm Drain Inlet Protection (Type II)	5.000 EACH	300.00000	1,500.00	340.00000	1,700.00	260.00000	1,300.00
208-00103	Removal and Disposal of Sediment (Labor)	40.000 HOUR	50.00000	2,000.00	60.00000	2,400.00	78.00000	3,120.00
208-00105	Removal and Disposal of Sediment (Equipment)	10.000 HOUR	150.00000	1,500.00	140.00000	1,400.00	160.00000	1,600.00
208-00106	Sweeping (Sediment Removal)	8.000 HOUR	150.00000	1,200.00	180.00000	1,440.00	325.00000	2,600.00
208-00107	Removal of Trash	8.000 HOUR	100.00000	800.00	80.00000	640.00	194.50000	1,556.00
210-00810	Reset Ground Sign	1.000 EACH	300.00000	300.00	500.00000	500.00	585.00000	585.00

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			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items							
						LCC:		
210-00827	Reset Pull Box	4.000 EACH	500.00000	2,000.00	700.00000	2,800.00	515.00000	2,060.00
210-00860	Reset Pedestrian Push Button	7.000 EACH	500.00000	3,500.00	200.00000	1,400.00	490.00000	3,430.00
210-04010	Adjust Manhole	22.000 EACH	500.00000	11,000.00	4,500.00000	99,000.00	1,100.00000	24,200.00
210-04050	Adjust Valve Box	6.000 EACH	400.00000	2,400.00	2,400.00000	14,400.00	715.00000	4,290.00
212-00006	Seeding (Native)	0.100 ACRE	5,000.00000	500.00	4,000.00000	400.00	6,500.00000	650.00
212-00032	Soil Conditioning	0.100 ACRE	5,000.00000	500.00	11,000.00000	1,100.00	19,500.00000	1,950.00
212-01200	Landscape Restoration	1.000 L S	1,000.00000	1,000.00	6,000.00000	6,000.00	3,500.00000	3,500.00
213-00003	Mulching (Weed Free)	0.100 ACRE	10,000.00000	1,000.00	4,000.00000	400.00	8,000.00000	800.00
213-00061	Mulch Tackifier	200.000 LB	6.00000	1,200.00	6.00000	1,200.00	9.10000	1,820.00
240-00000	Wildlife Biologist	40.000 HOUR	100.00000	4,000.00	200.00000	8,000.00	194.50000	7,780.00
240-00010	Removal of Nests	40.000 HOUR	100.00000	4,000.00	90.00000	3,600.00	194.50000	7,780.00
250-00110	Health and Safety Officer	2.000 HOUR	125.00000	250.00	1,000.00000	2,000.00	105.00000	210.00
250-00120	Material Sampling and Delivery	3.000 EACH	200.00000	600.00	500.00000	1,500.00	315.00000	945.00
250-00200	Material Handling (Stockpile)	3.000 CY	50.00000	150.00	360.00000	1,080.00	650.00000	1,950.00

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SECTION:	0001 Bid Items				LCC:			
250-00210	Solid Waste Disposal	3.000 CY	100.00000	300.00	550.00000	1,650.00	975.00000	2,925.00
304-06007	Aggregate Base Course (Class 6)	3.000 CY	50.00000	150.00	1,200.00000	3,600.00	64.85000	194.55
403-00720	Hot Mix Asphalt (Patching) (Asphalt)	300.000 TON	300.00000	90,000.00	700.00000	210,000.00	545.00000	163,500.00
403-34701	Hot Mix Asphalt (Grading SX) (75)	7,331.000 TON	90.00000	659,790.00	112.00000	821,072.00	93.25000	683,615.75
411-03355	Asphalt Cement Performance Grade (PG 58-34)	440.000 TON	600.00000	264,000.00	690.00000	303,600.00	570.00000	250,800.00
411-10253	Emulsified Asphalt (CSS-1H)	3,128.000 GAL	3.97647	12,438.40	4.00000	12,512.00	10.80000	33,782.40
412-00800	Concrete Pavement (8 Inch)	44.000 SY	150.00000	6,600.00	180.00000	7,920.00	207.50000	9,130.00
515-00120	Waterproofing (Membrane)	4.000 SY	250.00000	1,000.00	600.00000	2,400.00	650.00000	2,600.00
601-03000	Concrete Class D	1.000 CY	1,000.00000	1,000.00	4,400.00000	4,400.00	5,185.00000	5,185.00
602-00020	Reinforcing Steel (Epoxy Coated)	200.000 LB	2.00000	400.00	7.00000	1,400.00	6.50000	1,300.00
606-00301	Guardrail Type 3 (6-3 Post Spacing)	100.000 LF	50.00000	5,000.00	60.00000	6,000.00	68.70000	6,870.00
606-01340	End Anchorage Type 3D	2.000 EACH	1,500.00000	3,000.00	3,000.00000	6,000.00	3,500.00000	7,000.00
606-01370	Transition Type 3G	4.000 EACH	1,500.00000	6,000.00	5,000.00000	20,000.00	4,050.00000	16,200.00
606-01385	Transition Type 3J	2.000 EACH	1,500.00000	3,000.00	3,000.00000	6,000.00	3,050.00000	6,100.00

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606-01390	End Anchorage Type 3K	2.000 EACH	1,500.00000	3,000.00	2,500.00000	5,000.00	2,465.00000	4,930.00
606-10700	Bridge Rail Type 7	50.000 LF	150.00000	7,500.00	550.00000	27,500.00	695.00000	34,750.00
608-00000	Concrete Sidewalk	133.000 SY	50.00000	6,650.00	260.00000	34,580.00	305.00000	40,565.00
608-00010	Concrete Curb Ramp	761.000 SY	150.00000	114,150.00	220.00000	167,420.00	246.30000	187,434.30
609-20010	Curb Type 2 (Section B)	20.000 LF	25.00000	500.00	45.00000	900.00	51.85000	1,037.00
609-21013	Curb and Gutter Type 2 (Section I-M) (Special)	30.000 LF	50.00000	1,500.00	46.00000	1,380.00	51.85000	1,555.50
609-21020	Curb and Gutter Type 2 (Section II-B)	290.000 LF	40.00000	11,600.00	55.00000	15,950.00	58.35000	16,921.50
612-00037	Delineator (Flexible) (Flat Mounted)	10.000 EACH	75.00000	750.00	50.00000	500.00	58.35000	583.50
612-00101	Delineator (Drivable Concrete Installation) (Type I)	19.000 EACH	100.00000	1,900.00	25.00000	475.00	25.95000	493.05
612-00102	Delineator (Drivable Concrete Installation) (Type II)	26.000 EACH	100.00000	2,600.00	26.00000	676.00	27.25000	708.50
612-00103	Delineator (Drivable Concrete Installation) (Type III)	11.000 EACH	100.00000	1,100.00	28.00000	308.00	28.50000	313.50
612-00260	Location Marker (Fiber Optic)(Dome)	2.000 EACH	100.00000	200.00	100.00000	200.00	165.00000	330.00
613-00206	2 Inch Electrical Conduit (Bored)	95.000 LF	20.00000	1,900.00	48.00000	4,560.00	61.00000	5,795.00

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613-00306	3 Inch Electrical Conduit (Bored)	380.000 LF	50.00000	19,000.00	50.00000	19,000.00	84.25000	32,015.00
613-01200	2 Inch Electrical Conduit (Plastic)	40.000 LF	16.00000	640.00	33.00000	1,320.00	17.50000	700.00
613-01300	3 Inch Electrical Conduit (Plastic)	80.000 LF	26.00000	2,080.00	35.00000	2,800.00	19.45000	1,556.00
613-07004	Type Four Pull Box	1.000 EACH	1,200.00000	1,200.00	1,700.00000	1,700.00	2,650.00000	2,650.00
613-07005	Type Five Pull Box	1.000 EACH	2,000.00000	2,000.00	3,000.00000	3,000.00	3,170.00000	3,170.00
613-10000	Wiring	1.000 L S	15,000.00000	15,000.00	18,000.00000	18,000.00	31,900.00000	31,900.00
614-00011	Sign Panel (Class I)	6.250 SF	20.00000	125.00	24.00000	150.00	27.25000	170.31
614-01512	Steel Sign Support (2-Inch Round)(Post)	10.000 LF	20.00000	200.00	12.00000	120.00	13.00000	130.00
614-01522	Steel Sign Support (2-Inch Round)(Socket)	1.000 EACH	100.00000	100.00	415.00000	415.00	585.00000	585.00
614-72855	Traffic Signal Controller Cabinet	1.000 EACH	25,000.00000	25,000.00	35,000.00000	35,000.00	37,000.00000	37,000.00
614-72863	Pedestrian Push Button Post Assembly	14.000 EACH	1,500.00000	21,000.00	3,000.00000	42,000.00	3,250.00000	45,500.00
614-72895	Vehicle Detection System (Single Camera)	16.000 EACH	7,500.00000	120,000.00	9,000.00000	144,000.00	10,225.00000	163,600.00
614-87010	Fiber Optic Cable (Single Mode) (12 Fiber)	150.000 LF	10.00000	1,500.00	22.00000	3,300.00	85.60000	12,840.00
620-00002	Field Office (Class 2)	1.000 EACH	26,000.00000	26,000.00	18,000.00000	18,000.00	44,500.00000	44,500.00

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SECTION:	0001 Bid Items				LCC:			
620-00012	Field Laboratory (Class 2)	1.000 EACH	24,000.00000	24,000.00	16,000.00000	16,000.00	44,500.00000	44,500.00
620-00020	Sanitary Facility	1.000 EACH	2,000.00000	2,000.00	6,000.00000	6,000.00	6,500.00000	6,500.00
625-00000	Construction Surveying	1.000 L S	15,000.00000	15,000.00	26,000.00000	26,000.00	32,500.00000	32,500.00
625-00001	Construction Surveying (Hourly)	30.000 HOUR	150.00000	4,500.00	210.00000	6,300.00	260.00000	7,800.00
626-00000	Mobilization	1.000 L S	240,000.00000	240,000.00	326,000.00000	326,000.00	500,000.00000	500,000.00
626-01103	Public Information Services (Tier III)	1.000 L S	15,000.00000	15,000.00	16,000.00000	16,000.00	19,500.00000	19,500.00
627-00008	Modified Epoxy Pavement Marking	74.000 GAL	200.00000	14,800.00	220.00000	16,280.00	226.90000	16,790.60
627-00013	Pavement Marking Paint (High Build)	148.000 GAL	100.00000	14,800.00	60.00000	8,880.00	71.95000	10,648.60
627-30407	Preformed Thermoplastic Pavement Marking (Word-Symbol) (Special)	719.000 SF	20.00000	14,380.00	20.00000	14,380.00	23.35000	16,788.65
627-30411	Preformed Thermoplastic Pavement Marking (Xwalk-Stop Line) (Special)	5,288.000 SF	15.00000	79,320.00	18.00000	95,184.00	15.55000	82,228.40
630-00000	Flagging	2,420.000 HOUR	28.00000	67,760.00	28.00000	67,760.00	36.30000	87,846.00
630-00007	Traffic Control Inspection	53.000 DAY	200.00000	10,600.00	240.00000	12,720.00	291.70000	15,460.10
630-00012	Traffic Control Management	70.000 DAY	800.00000	56,000.00	1,100.00000	77,000.00	1,300.00000	91,000.00
630-80001	Flashing Beacon (Portable)	2.000 EACH	800.00000	1,600.00	200.00000	400.00	194.45000	388.90

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630-80335	Barricade (Type 3 M-A) (Temporary)	4.000 EACH	250.00000	1,000.00	200.00000	800.00	260.00000	1,040.00
630-80341	Construction Traffic Sign (Panel Size A)	71.000 EACH	30.00000	2,130.00	70.00000	4,970.00	84.30000	5,985.30
630-80342	Construction Traffic Sign (Panel Size B)	63.000 EACH	40.00000	2,520.00	70.00000	4,410.00	84.30000	5,310.90
630-80343	Construction Traffic Sign (Panel Size C)	68.000 EACH	50.00000	3,400.00	70.00000	4,760.00	84.30000	5,732.40
630-80344	Construction Traffic Sign (Special)	114.000 SF	40.00000	4,560.00	25.00000	2,850.00	25.95000	2,958.30
630-80355	Portable Message Sign Panel	5.000 EACH	5,000.00000	25,000.00	5,000.00000	25,000.00	3,250.00000	16,250.00
630-80358	Advance Warning Flashing or Sequencing Arrow Panel (C Type)	2.000 EACH	2,000.00000	4,000.00	2,000.00000	4,000.00	1,950.00000	3,900.00
630-80360	Drum Channelizing Device	200.000 EACH	30.00000	6,000.00	40.00000	8,000.00	51.85000	10,370.00
630-80363	Drum Channelizing Device (With Light) (Flashing)	20.000 EACH	35.00000	700.00	40.00000	800.00	51.85000	1,037.00
630-80364	Drum Channelizing Device (With Light) (Steady Burn)	40.000 EACH	35.00000	1,400.00	40.00000	1,600.00	51.85000	2,074.00
630-80370	Concrete Barrier (Temporary)	220.000 LF	40.00000	8,800.00	75.00000	16,500.00	82.95000	18,249.00
630-80380	Traffic Cone	200.000 EACH	7.00000	1,400.00	15.00000	3,000.00	19.45000	3,890.00
630-80520	Mobile Pavement Marking Zone	2.000 DAY	1,000.00000	2,000.00	1,000.00000	2,000.00	650.00000	1,300.00

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630-85020	Mobile Attenuator	1.000 EACH	12,000.00000	12,000.00	7,000.00000	7,000.00	8,450.00000	8,450.00
632-00000	Night Work Lighting	1.000 L S	15,000.00000	15,000.00	30,000.00000	30,000.00	32,500.00000	32,500.00
Section Totals:				\$2,363,538.90		\$3,317,399.50		\$3,621,470.75
Contract Grand Totals				\$2,363,538.90		\$3,317,399.50		\$3,621,470.75

Colorado Department Of Transportation

Printed On: 01/05/2018

Low Bid Item Analysis

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Contract Description:

SH 9 SUMMIT BOULEVARD MP 96.1 TO MP 97.2, THIS PROJECT SHALL INCLUDE HMA RESURFACING, ADA CURB RAMP UPGRADES, AND SIGNAL CAMERAS.

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SECTION:	0001	Bid Items						
0005	202-00195 Removal of Median Cover	23.000	20.00000	200.00000 SY	460.00	4,600.00	1000.00%	4,140.00
0010	202-00200 Removal of Sidewalk	63.000	20.00000	350.00000 SY	1,260.00	22,050.00	1750.00%	20,790.00
0015	202-00201 Removal of Curb	20.000	30.00000	30.00000 LF	600.00	600.00	100.00%	0.00
0020	202-00203 Removal of Curb and Gutter	738.000	5.00000	30.00000 LF	3,690.00	22,140.00	600.00%	18,450.00
0025	202-00206 Removal of Concrete Curb Ramp	82.000	50.00000	400.00000 SY	4,100.00	32,800.00	800.00%	28,700.00
0030	202-00210 Removal of Concrete Pavement	44.000	50.00000	120.00000 SY	2,200.00	5,280.00	240.00%	3,080.00
0035	202-00220 Removal of Asphalt Mat	566.000	12.00000	30.00000 SY	6,792.00	16,980.00	250.00%	10,188.00

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Letting Time: 10:00 AM	Contract Time: 08/31/18 COMPLETION DATE	Project(s): STR0091-043

Contract Description:

SH 9 SUMMIT BOULEVARD MP 96.1 TO MP 97.2, THIS PROJECT SHALL INCLUDE HMA RESURFACING, ADA CURB RAMP UPGRADES, AND SIGNAL CAMERAS.

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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						
0040	202-00240 Removal of Asphalt Mat (Planing)	62,453.00	2.50000	3.50000 SY	156,132.50	218,585.50	140.00%	62,453.00
0045	202-00250 Removal of Pavement Marking	11,762.00	3.00000	2.00000 SF	35,286.00	23,524.00	66.67%	-11,762.00
0050	202-00503 Removal of Portions of Present Structure	2.00	500.00000	7,000.00000 SY	1,000.00	14,000.00	1400.00%	13,000.00
0055	202-00827 Removal of Pull Box	1.00	300.00000	150.00000 EACH	300.00	150.00	50.00%	-150.00
0060	202-00828 Removal of Traffic Signal Equipment	1.00	3,000.00000	2,500.00000 L S	3,000.00	2,500.00	83.33%	-500.00
0065	202-00860 Removal of Pedestrian Push Button	16.00	100.00000	70.00000 EACH	1,600.00	1,120.00	70.00%	-480.00
0070	202-01130 Removal of Guardrail Type 3	134.00	5.00000	12.00000 LF	670.00	1,608.00	240.00%	938.00

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SECTION:	0001	Bid Items						
0075	202-01300 Removal of End Anchorage	4.000	350.00000	400.00000 EACH	1,400.00	1,600.00	114.29%	200.00
0080	202-05100 Sandblasting Reinforcing Steel	2.000	40.00000	2,400.00000 SY	80.00	4,800.00	6000.00%	4,720.00
0085	203-00010 Unclassified Excavation (Complete In Place)	75.000	15.00000	140.00000 CY	1,125.00	10,500.00	933.33%	9,375.00
0090	203-01597 Potholing	40.000	200.00000	240.00000 HOUR	8,000.00	9,600.00	120.00%	1,600.00
0095	207-00205 Topsoil	5.000	100.00000	200.00000 CY	500.00	1,000.00	200.00%	500.00
0100	208-00035 Aggregate Bag	400.000	8.00000	16.00000 LF	3,200.00	6,400.00	200.00%	3,200.00
0105	208-00045 Concrete Washout Structure	1.000	1,000.00000	5,000.00000 EACH	1,000.00	5,000.00	500.00%	4,000.00

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SECTION:	0001	Bid Items						
0110	208-00053 Storm Drain Inlet Protection (Type I) (84 Inch)	11.000	200.00000	200.00000 EACH	2,200.00	2,200.00	100.00%	0.00
0115	208-00054 Storm Drain Inlet Protection (Type II)	5.000	300.00000	340.00000 EACH	1,500.00	1,700.00	113.33%	200.00
0120	208-00103 Removal and Disposal of Sediment (Labor)	40.000	50.00000	60.00000 HOUR	2,000.00	2,400.00	120.00%	400.00
0125	208-00105 Removal and Disposal of Sediment (Equipment)	10.000	150.00000	140.00000 HOUR	1,500.00	1,400.00	93.33%	-100.00
0130	208-00106 Sweeping (Sediment Removal)	8.000	150.00000	180.00000 HOUR	1,200.00	1,440.00	120.00%	240.00
0135	208-00107 Removal of Trash	8.000	100.00000	80.00000 HOUR	800.00	640.00	80.00%	-160.00
0140	210-00810 Reset Ground Sign	1.000	300.00000	500.00000 EACH	300.00	500.00	166.67%	200.00

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SECTION:	0001	Bid Items						
0145	210-00827 Reset Pull Box	4.000	500.00000	700.00000 EACH	2,000.00	2,800.00	140.00%	800.00
0150	210-00860 Reset Pedestrian Push Button	7.000	500.00000	200.00000 EACH	3,500.00	1,400.00	40.00%	-2,100.00
0155	210-04010 Adjust Manhole	22.000	500.00000	4,500.00000 EACH	11,000.00	99,000.00	900.00%	88,000.00
0160	210-04050 Adjust Valve Box	6.000	400.00000	2,400.00000 EACH	2,400.00	14,400.00	600.00%	12,000.00
0165	212-00006 Seeding (Native)	0.100	5,000.00000	4,000.00000 ACRE	500.00	400.00	80.00%	-100.00
0170	212-00032 Soil Conditioning	0.100	5,000.00000	11,000.00000 ACRE	500.00	1,100.00	220.00%	600.00
0175	212-01200 Landscape Restoration	1.000	1,000.00000	6,000.00000 L S	1,000.00	6,000.00	600.00%	5,000.00

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SECTION:	0001	Bid Items						
0180	213-00003 Mulching (Weed Free)	0.100	10,000.00000	4,000.00000 ACRE	1,000.00	400.00	40.00%	-600.00
0185	213-00061 Mulch Tackifier	200.000	6.00000	6.00000 LB	1,200.00	1,200.00	100.00%	0.00
0190	240-00000 Wildlife Biologist	40.000	100.00000	200.00000 HOUR	4,000.00	8,000.00	200.00%	4,000.00
0195	240-00010 Removal of Nests	40.000	100.00000	90.00000 HOUR	4,000.00	3,600.00	90.00%	-400.00
0200	250-00110 Health and Safety Officer	2.000	125.00000	1,000.00000 HOUR	250.00	2,000.00	800.00%	1,750.00
0205	250-00120 Material Sampling and Delivery	3.000	200.00000	500.00000 EACH	600.00	1,500.00	250.00%	900.00
0210	250-00200 Material Handling (Stockpile)	3.000	50.00000	360.00000 CY	150.00	1,080.00	720.00%	930.00

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SECTION:	0001	Bid Items						
0215	250-00210 Solid Waste Disposal	3.000	100.00000	550.00000 CY	300.00	1,650.00	550.00%	1,350.00
0220	304-06007 Aggregate Base Course (Class 6)	3.000	50.00000	1,200.00000 CY	150.00	3,600.00	2400.00%	3,450.00
0225	403-00720 Hot Mix Asphalt (Patching) (Asphalt)	300.000	300.00000	700.00000 TON	90,000.00	210,000.00	233.33%	120,000.00
0230	403-34701 Hot Mix Asphalt (Grading SX) (75)	7,331.000	90.00000	112.00000 TON	659,790.00	821,072.00	124.44%	161,282.00
0235	411-03355 Asphalt Cement Performance Grade (PG 58-34)	440.000	600.00000	690.00000 TON	264,000.00	303,600.00	115.00%	39,600.00
0240	411-10253 Emulsified Asphalt (CSS-1H)	3,128.000	3.97647	4.00000 GAL	12,438.40	12,512.00	100.59%	73.60
0245	412-00800 Concrete Pavement (8 Inch)	44.000	150.00000	180.00000 SY	6,600.00	7,920.00	120.00%	1,320.00

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SECTION:	0001	Bid Items						
0250	515-00120 Waterproofing (Membrane)	4.000	250.00000	600.00000 SY	1,000.00	2,400.00	240.00%	1,400.00
0255	601-03000 Concrete Class D	1.000	1,000.00000	4,400.00000 CY	1,000.00	4,400.00	440.00%	3,400.00
0260	602-00020 Reinforcing Steel (Epoxy Coated)	200.000	2.00000	7.00000 LB	400.00	1,400.00	350.00%	1,000.00
0265	606-00301 Guardrail Type 3 (6-3 Post Spacing)	100.000	50.00000	60.00000 LF	5,000.00	6,000.00	120.00%	1,000.00
0270	606-01340 End Anchorage Type 3D	2.000	1,500.00000	3,000.00000 EACH	3,000.00	6,000.00	200.00%	3,000.00
0275	606-01370 Transition Type 3G	4.000	1,500.00000	5,000.00000 EACH	6,000.00	20,000.00	333.33%	14,000.00
0280	606-01385 Transition Type 3J	2.000	1,500.00000	3,000.00000 EACH	3,000.00	6,000.00	200.00%	3,000.00

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SECTION:	0001	Bid Items						
0285	606-01390 End Anchorage Type 3K	2.000	1,500.00000	2,500.00000 EACH	3,000.00	5,000.00	166.67%	2,000.00
0290	606-10700 Bridge Rail Type 7	50.000	150.00000	550.00000 LF	7,500.00	27,500.00	366.67%	20,000.00
0295	608-00000 Concrete Sidewalk	133.000	50.00000	260.00000 SY	6,650.00	34,580.00	520.00%	27,930.00
0300	608-00010 Concrete Curb Ramp	761.000	150.00000	220.00000 SY	114,150.00	167,420.00	146.67%	53,270.00
0305	609-20010 Curb Type 2 (Section B)	20.000	25.00000	45.00000 LF	500.00	900.00	180.00%	400.00
0310	609-21013 Curb and Gutter Type 2 (Section I-M) (Special)	30.000	50.00000	46.00000 LF	1,500.00	1,380.00	92.00%	-120.00
0315	609-21020 Curb and Gutter Type 2 (Section II-B)	290.000	40.00000	55.00000 LF	11,600.00	15,950.00	137.50%	4,350.00

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SECTION:	0001	Bid Items						
0320	612-00037 Delineator (Flexible) (Flat Mounted)	10.000	75.00000	50.00000 EACH	750.00	500.00	66.67%	-250.00
0325	612-00101 Delineator (Drivable Concrete Installation) (Type I)	19.000	100.00000	25.00000 EACH	1,900.00	475.00	25.00%	-1,425.00
0330	612-00102 Delineator (Drivable Concrete Installation) (Type II)	26.000	100.00000	26.00000 EACH	2,600.00	676.00	26.00%	-1,924.00
0335	612-00103 Delineator (Drivable Concrete Installation) (Type III)	11.000	100.00000	28.00000 EACH	1,100.00	308.00	28.00%	-792.00
0340	612-00260 Location Marker (Fiber Optic)(Dome)	2.000	100.00000	100.00000 EACH	200.00	200.00	100.00%	0.00
0345	613-00206 2 Inch Electrical Conduit (Bored)	95.000	20.00000	48.00000 LF	1,900.00	4,560.00	240.00%	2,660.00

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SECTION:	0001	Bid Items						
0350	613-00306 3 Inch Electrical Conduit (Bored)	380.000	50.00000	50.00000 LF	19,000.00	19,000.00	100.00%	0.00
0355	613-01200 2 Inch Electrical Conduit (Plastic)	40.000	16.00000	33.00000 LF	640.00	1,320.00	206.25%	680.00
0360	613-01300 3 Inch Electrical Conduit (Plastic)	80.000	26.00000	35.00000 LF	2,080.00	2,800.00	134.62%	720.00
0365	613-07004 Type Four Pull Box	1.000	1,200.00000	1,700.00000 EACH	1,200.00	1,700.00	141.67%	500.00
0370	613-07005 Type Five Pull Box	1.000	2,000.00000	3,000.00000 EACH	2,000.00	3,000.00	150.00%	1,000.00
0375	613-10000 Wiring	1.000	15,000.00000	18,000.00000 L S	15,000.00	18,000.00	120.00%	3,000.00
0380	614-00011 Sign Panel (Class I)	6.250	20.00000	24.00000 SF	125.00	150.00	120.00%	25.00

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SECTION:	0001	Bid Items						
0385	614-01512 Steel Sign Support (2-Inch Round)(Post)	10.000	20.00000	12.00000 LF	200.00	120.00	60.00%	-80.00
0390	614-01522 Steel Sign Support (2-Inch Round)(Socket)	1.000	100.00000	415.00000 EACH	100.00	415.00	415.00%	315.00
0395	614-72855 Traffic Signal Controller Cabinet	1.000	25,000.00000	35,000.00000 EACH	25,000.00	35,000.00	140.00%	10,000.00
0400	614-72863 Pedestrian Push Button Post Assembly	14.000	1,500.00000	3,000.00000 EACH	21,000.00	42,000.00	200.00%	21,000.00
0405	614-72895 Vehicle Detection System (Single Camera)	16.000	7,500.00000	9,000.00000 EACH	120,000.00	144,000.00	120.00%	24,000.00
0410	614-87010 Fiber Optic Cable (Single Mode) (12 Fiber)	150.000	10.00000	22.00000 LF	1,500.00	3,300.00	220.00%	1,800.00
0415	620-00002 Field Office (Class 2)	1.000	26,000.00000	18,000.00000 EACH	26,000.00	18,000.00	69.23%	-8,000.00

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SECTION:	0001	Bid Items						
0420	620-00012 Field Laboratory (Class 2)	1.000	24,000.00000	16,000.00000 EACH	24,000.00	16,000.00	66.67%	-8,000.00
0425	620-00020 Sanitary Facility	1.000	2,000.00000	6,000.00000 EACH	2,000.00	6,000.00	300.00%	4,000.00
0430	625-00000 Construction Surveying	1.000	15,000.00000	26,000.00000 L S	15,000.00	26,000.00	173.33%	11,000.00
0435	625-00001 Construction Surveying (Hourly)	30.000	150.00000	210.00000 HOUR	4,500.00	6,300.00	140.00%	1,800.00
0440	626-00000 Mobilization	1.000	240,000.00000	326,000.00000 L S	240,000.00	326,000.00	135.83%	86,000.00
0445	626-01103 Public Information Services (Tier III)	1.000	15,000.00000	16,000.00000 L S	15,000.00	16,000.00	106.67%	1,000.00
0450	627-00008 Modified Epoxy Pavement Marking	74.000	200.00000	220.00000 GAL	14,800.00	16,280.00	110.00%	1,480.00

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A mandatory pre-bid conference will be held on December 14, 2017 beginning at 1:00 pm in the Mountain Residency's Straight Creek Conference Room located just North of the West side of the Eisenhower tunnel. Bids will be accepted only from pre-qualified bidders who attend the mandatory pre-bid conference.

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	Bid Items						
0455	627-00013 Pavement Marking Paint (High Build)	148.000	100.00000	60.00000 GAL	14,800.00	8,880.00	60.00%	-5,920.00
0460	627-30407 Preformed Thermoplastic Pavement Marking (Word-Symbol) (Special)	719.000	20.00000	20.00000 SF	14,380.00	14,380.00	100.00%	0.00
0465	627-30411 Preformed Thermoplastic Pavement Marking (Xwalk-Stop Line) (Special)	5,288.000	15.00000	18.00000 SF	79,320.00	95,184.00	120.00%	15,864.00
0470	630-00000 Flagging	2,420.000	28.00000	28.00000 HOUR	67,760.00	67,760.00	100.00%	0.00
0475	630-00007 Traffic Control Inspection	53.000	200.00000	240.00000 DAY	10,600.00	12,720.00	120.00%	2,120.00
0480	630-00012 Traffic Control Management	70.000	800.00000	1,100.00000 DAY	56,000.00	77,000.00	137.50%	21,000.00

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Low Bid Item Analysis

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Letting No: 20180104	Contract ID: C20759	Counties: SUMMIT
Letting Date: January 04, 2018	Region: 3	
Letting Time: 10:00 AM	Contract Time: 08/31/18 COMPLETION DATE	Project(s): STR0091-043

Contract Description:

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SECTION:	0001	Bid Items						
0485	630-80001 Flashing Beacon (Portable)	2.000	800.00000	200.00000 EACH	1,600.00	400.00	25.00%	-1,200.00
0490	630-80335 Barricade (Type 3 M-A) (Temporary)	4.000	250.00000	200.00000 EACH	1,000.00	800.00	80.00%	-200.00
0495	630-80341 Construction Traffic Sign (Panel Size A)	71.000	30.00000	70.00000 EACH	2,130.00	4,970.00	233.33%	2,840.00
0500	630-80342 Construction Traffic Sign (Panel Size B)	63.000	40.00000	70.00000 EACH	2,520.00	4,410.00	175.00%	1,890.00
0505	630-80343 Construction Traffic Sign (Panel Size C)	68.000	50.00000	70.00000 EACH	3,400.00	4,760.00	140.00%	1,360.00
0510	630-80344 Construction Traffic Sign (Special)	114.000	40.00000	25.00000 SF	4,560.00	2,850.00	62.50%	-1,710.00
0515	630-80355 Portable Message Sign Panel	5.000	5,000.00000	5,000.00000 EACH	25,000.00	25,000.00	100.00%	0.00

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Low Bid Item Analysis

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Letting No: 20180104	Contract ID: C20759	Counties: SUMMIT
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SECTION:	0001	Bid Items						
0520	630-80358 Advance Warning Flashing or Sequencing Arrow Panel (C Type)	2.000	2,000.00000	2,000.00000 EACH	4,000.00	4,000.00	100.00%	0.00
0525	630-80360 Drum Channelizing Device	200.000	30.00000	40.00000 EACH	6,000.00	8,000.00	133.33%	2,000.00
0530	630-80363 Drum Channelizing Device (With Light) (Flashing)	20.000	35.00000	40.00000 EACH	700.00	800.00	114.29%	100.00
0535	630-80364 Drum Channelizing Device (With Light) (Steady Burn)	40.000	35.00000	40.00000 EACH	1,400.00	1,600.00	114.29%	200.00
0540	630-80370 Concrete Barrier (Temporary)	220.000	40.00000	75.00000 LF	8,800.00	16,500.00	187.50%	7,700.00
0545	630-80380 Traffic Cone	200.000	7.00000	15.00000 EACH	1,400.00	3,000.00	214.29%	1,600.00

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SECTION:	0001	Bid Items						
0550	630-80520 Mobile Pavement Marking Zone	2.000	1,000.00000	1,000.00000 DAY	2,000.00	2,000.00	100.00%	0.00
0555	630-85020 Mobile Attenuator	1.000	12,000.00000	7,000.00000 EACH	12,000.00	7,000.00	58.33%	-5,000.00
0560	632-00000 Night Work Lighting	1.000	15,000.00000	30,000.00000 L S	15,000.00	30,000.00	200.00%	15,000.00
Section 0001 Subtotal					\$2,363,538.90	\$3,317,399.50	140.36%	\$953,860.60
Contract Total for Calculated Low Bidders Bid Items					\$2,363,538.90	\$3,317,399.50	140.36%	\$953,860.60