

Colorado Department Of Transportation

Printed On: 04/23/2018

Low Bid Summary

Page 1 of 1

Letting Date: March 15, 2018

Call Order	Contract ID	Project(s)	# of Bids	Low Bidder	Estimated Cost	Corrected Bid	Percent of Estimate	Overrun (+) Underrun (-)
001	C21744	NHPP1602-164	2	STRUCTURES, INC.	\$1,263,019.25	\$1,666,197.47	131.92%	\$403,178.22
Letting Totals			2		\$1,263,019.25	\$1,666,197.47	131.92%	\$403,178.22

Colorado Department Of Transportation

Printed On: 04/23/2018

Vendor Ranking

Page 1 of 1

Letting No: 20180315
 Letting Date: March 15, 2018
 Letting Time: 10:00 AM

Contract ID: C21744
 Region: 5
 Contract Time: 08/24/18 COMPLETION
 DATE

Project(s): NHPP1602-164
 Counties: MINERAL

Contract Description:

US 160 WOLF CREEK PASS, SIGN STRUCTURES, SIGNS, STRIPING, BARRIER
 CONSTRUCTION

Rank	Vendor ID	Vendor Name	Total Bid	Percent Of Low Bid	Percent Of Estimate
0	-EST-	Engineer's Estimate	\$1,263,019.25	75.80%	100.00%
1	1086A	STRUCTURES, INC.	\$1,666,197.47	100.00%	131.92%
2	005A	A and S CONSTRUCTION CO.	\$2,048,415.80	122.94%	162.18%

Tabulation of Bids

Letting No: 20180315
 Letting Date: March 15, 2018
 Letting Time: 10:00 AM

Contract ID: C21744
 Region: 5

Counties: MINERAL

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1086A STRUCTURES, INC.		(2) 005A A and S CONSTRUCTION CO.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS					LCC:		
202-00220	Removal of Asphalt Mat	739.000 SY	5.00000	3,695.00	14.80000	10,937.20	40.00000	29,560.00
202-00240	Removal of Asphalt Mat (Planing)	7,697.000 SY	8.00000	61,576.00	4.49000	34,559.53	5.00000	38,485.00
202-00250	Removal of Pavement Marking	918.000 SF	4.00000	3,672.00	2.08000	1,909.44	3.00000	2,754.00
202-00805	Removal of Overhead Sign Structure	3.000 EACH	5,000.00000	15,000.00	8,292.25000	24,876.75	7,000.00000	21,000.00
202-00810	Removal of Ground Sign	14.000 EACH	125.00000	1,750.00	124.23000	1,739.22	600.00000	8,400.00
202-00821	Removal of Sign Panel	14.000 EACH	50.00000	700.00	84.94000	1,189.16	30.00000	420.00
203-00060	Embankment Material (Complete In Place)	307.000 CY	35.00000	10,745.00	45.39000	13,934.73	68.00000	20,876.00
203-00400	Rock Excavation	10.000 CY	100.00000	1,000.00	421.78000	4,217.80	240.00000	2,400.00
203-01594	Combination Loader	20.000 HOUR	120.00000	2,400.00	142.41000	2,848.20	170.00000	3,400.00
203-01597	Potholing	12.000 HOUR	200.00000	2,400.00	325.87000	3,910.44	350.00000	4,200.00
206-00000	Structure Excavation	212.000 CY	20.00000	4,240.00	34.53000	7,320.36	65.00000	13,780.00
206-00100	Structure Backfill (Class 1)	94.000 CY	35.00000	3,290.00	63.30000	5,950.20	110.00000	10,340.00
207-00310	Stockpile Wetland Topsoil	15.000 CY	50.00000	750.00	179.07000	2,686.05	250.00000	3,750.00
208-00002	Erosion Log Type 1 (12 Inch)	600.000 LF	5.00000	3,000.00	9.41000	5,646.00	7.00000	4,200.00

Tabulation of Bids

Letting No: 20180315
 Letting Date: March 15, 2018
 Letting Time: 10:00 AM

Contract ID: C21744
 Region: 5

Counties: MINERAL

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1086A STRUCTURES, INC.		(2) 005A A and S CONSTRUCTION CO.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS							
						LCC:		
208-00020	Silt Fence	500.000 LF	6.00000	3,000.00	4.91000	2,455.00	4.00000	2,000.00
208-00046	Pre-fabricated Concrete Washout Structure	1.000 EACH	2,500.00000	2,500.00	1,735.54000	1,735.54	1,400.00000	1,400.00
208-00051	Storm Drain Inlet Protection (Type I)	120.000 LF	12.00000	1,440.00	17.91000	2,149.20	9.00000	1,080.00
208-00103	Removal and Disposal of Sediment (Labor)	10.000 HOUR	30.00000	300.00	50.72000	507.20	80.00000	800.00
208-00105	Removal and Disposal of Sediment (Equipment)	10.000 HOUR	120.00000	1,200.00	124.50000	1,245.00	200.00000	2,000.00
208-00207	Erosion Control Management	20.000 DAY	200.00000	4,000.00	282.35000	5,647.00	500.00000	10,000.00
210-00815	Reset Sign Panel	7.000 EACH	200.00000	1,400.00	2,052.27000	14,365.89	800.00000	5,600.00
212-00006	Seeding (Native)	0.500 ACRE	3,000.00000	1,500.00	1,892.97000	946.49	2,200.00000	1,100.00
212-00032	Soil Conditioning	0.500 ACRE	3,000.00000	1,500.00	5,985.91000	2,992.96	6,000.00000	3,000.00
213-00004	Mulching (Weed Free Straw)	0.500 ACRE	1,500.00000	750.00	1,842.05000	921.03	2,000.00000	1,000.00
213-00061	Mulch Tackifier	50.000 LB	5.00000	250.00	7.03000	351.50	10.00000	500.00
250-00010	Environmental Health and Safety Management	1.000 L S	2,000.00000	2,000.00	6,134.54000	6,134.54	4,000.00000	4,000.00
250-00050	Monitoring Technician	8.000 HOUR	110.00000	880.00	264.82000	2,118.56	300.00000	2,400.00
250-00120	Material Sampling and Delivery	2.000 EACH	160.00000	320.00	105.30000	210.60	1,000.00000	2,000.00

Tabulation of Bids

Letting No: 20180315
 Letting Date: March 15, 2018
 Letting Time: 10:00 AM

Contract ID: C21744
 Region: 5

Counties: MINERAL

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1086A STRUCTURES, INC.		(2) 005A A and S CONSTRUCTION CO.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS					LCC:		
250-00200	Material Handling (Stockpile)	5.000 CY	50.00000	250.00	7.71000	38.55	400.00000	2,000.00
250-00210	Solid Waste Disposal	5.000 CY	200.00000	1,000.00	134.61000	673.05	300.00000	1,500.00
250-00220	Hazardous Waste Disposal	5.000 CY	250.00000	1,250.00	376.82000	1,884.10	240.00000	1,200.00
304-06007	Aggregate Base Course (Class 6)	45.000 CY	50.00000	2,250.00	87.69000	3,946.05	220.00000	9,900.00
403-00720	Hot Mix Asphalt (Patching) (Asphalt)	855.000 TON	120.00000	102,600.00	198.01000	169,298.55	204.00000	174,420.00
403-00721	Hot Mix Asphalt (Patching) (Asphalt)	72.000 SY	100.00000	7,200.00	26.52000	1,909.44	80.00000	5,760.00
503-00042	Drilled Caisson (42 Inch)	49.000 LF	750.00000	36,750.00	1,379.39000	67,590.11	2,600.00000	127,400.00
503-00054	Drilled Caisson (54 Inch)	88.000 LF	950.00000	83,600.00	1,470.22000	129,379.36	3,300.00000	290,400.00
604-00505	Inlet Type D (5 Foot)	1.000 EACH	5,000.00000	5,000.00	9,343.51000	9,343.51	9,000.00000	9,000.00
606-00716	Guardrail Type 7 (Style CA) (Special)	430.000 LF	250.00000	107,500.00	395.68000	170,142.40	210.00000	90,300.00
606-01370	Transition Type 3G	1.000 EACH	2,000.00000	2,000.00	4,680.00000	4,680.00	5,000.00000	5,000.00
606-01390	End Anchorage Type 3K	1.000 EACH	2,000.00000	2,000.00	4,368.00000	4,368.00	4,000.00000	4,000.00
607-11525	Fence (Plastic)	500.000 LF	2.00000	1,000.00	4.04000	2,020.00	5.00000	2,500.00
607-60620	Road Closure Gate	1.000 EACH	6,000.00000	6,000.00	12,064.00000	12,064.00	17,000.00000	17,000.00

Tabulation of Bids

Letting No: 20180315
 Letting Date: March 15, 2018
 Letting Time: 10:00 AM

Contract ID: C21744
 Region: 5

Counties: MINERAL

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1086A STRUCTURES, INC.		(2) 005A A and S CONSTRUCTION CO.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS					LCC:		
608-01550	Place Asphalt Millings	490.000 SY	25.00000	12,250.00	9.76000	4,782.40	14.00000	6,860.00
613-00200	2 Inch Electrical Conduit	10.000 LF	12.00000	120.00	124.80000	1,248.00	20.00000	200.00
613-07026	Pull Box (16"x24"x12")	1.000 EACH	500.00000	500.00	1,040.00000	1,040.00	500.00000	500.00
613-10000	Wiring	1.000 L S	5,000.00000	5,000.00	52,000.00000	52,000.00	14,000.00000	14,000.00
613-50375	Solar Collection System	2.000 EACH	15,000.00000	30,000.00	52,000.00000	104,000.00	31,000.00000	62,000.00
614-00025	Sign Panel (Class I) (Install Only)	60.000 SF	6.00000	360.00	11.83000	709.80	14.00000	840.00
614-00027	Sign Panel (Class II) (Install Only)	341.000 SF	8.00000	2,728.00	32.70000	11,150.70	16.00000	5,456.00
614-00028	Sign Panel (Class III) (Install Only)	1,350.000 SF	10.00000	13,500.00	30.56000	41,256.00	20.00000	27,000.00
614-00612	Steel Sign Post (W 6x12)	348.000 LF	25.00000	8,700.00	52.29000	18,196.92	60.00000	20,880.00
614-00615	Steel Sign Post (W 6x15)	42.000 LF	25.00000	1,050.00	68.85000	2,891.70	70.00000	2,940.00
614-01575	Steel Sign Support (2-1/2 Inch Round NP-40)(Post)	67.000 LF	25.00000	1,675.00	22.20000	1,487.40	25.00000	1,675.00
614-01578	Steel Sign Support (2-1/2 Inch Round NP-40)(Slipbase)	6.000 EACH	250.00000	1,500.00	305.31000	1,831.86	400.00000	2,400.00
614-03001	Concrete Footing (Type 1)	24.000 EACH	2,000.00000	48,000.00	1,131.19000	27,148.56	1,000.00000	24,000.00
614-03002	Concrete Footing (Type 2)	3.000 EACH	4,000.00000	12,000.00	1,141.39000	3,424.17	1,100.00000	3,300.00

Tabulation of Bids

Letting No: 20180315
 Letting Date: March 15, 2018
 Letting Time: 10:00 AM

Contract ID: C21744
 Region: 5

Counties: MINERAL

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1086A STRUCTURES, INC.		(2) 005A A and S CONSTRUCTION CO.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS				LCC:			
614-10139	Radar Speed Display Sign (LED)	2.000 EACH	10,000.00000	20,000.00	15,704.00000	31,408.00	20,000.00000	40,000.00
614-32900	Monotube Overhead Sign Cantilever (Install Only)	3.000 EACH	8,000.00000	24,000.00	6,196.12000	18,588.36	14,000.00000	42,000.00
614-42500	Monotube Overhead Sign Bridge (Install Only)	2.000 EACH	10,000.00000	20,000.00	16,632.10000	33,264.20	15,000.00000	30,000.00
614-72740	Blank Out Sign(LED)(Single Faced)	2.000 EACH	15,000.00000	30,000.00	19,260.86000	38,521.72	26,000.00000	52,000.00
614-72871	Loop Detector Wire (Prefab) Special	766.000 LF	12.00000	9,192.00	14.47000	11,084.02	15.00000	11,490.00
614-72880	Traffic Signal Vehicle Detector Amplifier (Loop Type)	1.000 EACH	2,000.00000	2,000.00	3,640.00000	3,640.00	6,000.00000	6,000.00
614-80000	Flashing Beacon	8.000 EACH	500.00000	4,000.00	1,092.00000	8,736.00	4,500.00000	36,000.00
614-80385	Rumble Strip	44,105.000 LF	0.25000	11,026.25	0.21000	9,262.05	0.16000	7,056.80
614-86106	Telemetry (Field)(Install Only)	2.000 EACH	5,000.00000	10,000.00	5,408.00000	10,816.00	4,500.00000	9,000.00
620-00001	Field Office (Class 1)	1.000 EACH	5,000.00000	5,000.00	23,094.50000	23,094.50	21,000.00000	21,000.00
620-00020	Sanitary Facility	1.000 EACH	3,000.00000	3,000.00	1,650.00000	1,650.00	6,000.00000	6,000.00
624-29024	24 Inch Drainage Pipe (Class 9)	108.000 LF	80.00000	8,640.00	66.09000	7,137.72	380.00000	41,040.00
625-00000	Construction Surveying	1.000 L S	10,000.00000	10,000.00	31,200.00000	31,200.00	16,000.00000	16,000.00

Tabulation of Bids

Letting No: 20180315
 Letting Date: March 15, 2018
 Letting Time: 10:00 AM

Contract ID: C21744
 Region: 5

Counties: MINERAL

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1086A STRUCTURES, INC.		(2) 005A A and S CONSTRUCTION CO.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS				LCC:			
626-00000	Mobilization	1.000 L S	150,000.00000	150,000.00	128,917.08000	128,917.08	240,000.00000	240,000.00
626-01104	Public Information Services (Tier IV)	1.000 L S	15,000.00000	15,000.00	1,976.00000	1,976.00	4,000.00000	4,000.00
627-00013	Pavement Marking Paint (High Build)	414.000 GAL	120.00000	49,680.00	38.30000	15,856.20	40.00000	16,560.00
627-00013	Pavement Marking Paint (High Build) (Inlaid)	908.000 GAL	80.00000	72,640.00	103.38000	93,869.04	110.00000	99,880.00
627-00013	Pavement Marking Paint (High Build) (Temporary)	100.000 GAL	60.00000	6,000.00	34.32000	3,432.00	37.00000	3,700.00
627-01010	Preformed Plastic Pavement Marking (Type I)(Inlaid)	3,948.000 SF	10.00000	39,480.00	11.98000	47,297.04	15.00000	59,220.00
627-30205	Thermoplastic Pavement Marking (Word- Symbol)	904.000 SF	25.00000	22,600.00	19.98000	18,061.92	23.00000	20,792.00
627-30210	Thermoplastic Pavement Marking (Xwalk- Stopline)	14.000 SF	20.00000	280.00	12.48000	174.72	17.00000	238.00
630-00000	Flagging	200.000 HOUR	25.00000	5,000.00	26.00000	5,200.00	27.00000	5,400.00
630-00007	Traffic Control Inspection	26.000 DAY	150.00000	3,900.00	156.00000	4,056.00	160.00000	4,160.00
630-00012	Traffic Control Management	60.000 DAY	850.00000	51,000.00	618.80000	37,128.00	600.00000	36,000.00
630-80335	Barricade (Type 3 M-A) (Temporary)	1.000 EACH	2,000.00000	2,000.00	156.00000	156.00	200.00000	200.00
630-80341	Construction Traffic Sign (Panel Size A)	9.000 EACH	50.00000	450.00	10.40000	93.60	12.00000	108.00

Tabulation of Bids

Letting No: 20180315
 Letting Date: March 15, 2018
 Letting Time: 10:00 AM

Contract ID: C21744
 Region: 5

Counties: MINERAL

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1086A STRUCTURES, INC.		(2) 005A A and S CONSTRUCTION CO.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS					LCC:		
630-80342	Construction Traffic Sign (Panel Size B)	35.000 EACH	60.00000	2,100.00	20.80000	728.00	22.00000	770.00
630-80344	Construction Traffic Sign (Special)	101.000 SF	40.00000	4,040.00	31.20000	3,151.20	35.00000	3,535.00
630-80355	Portable Message Sign Panel	2.000 EACH	5,000.00000	10,000.00	5,720.00000	11,440.00	8,000.00000	16,000.00
630-80360	Drum Channelizing Device	50.000 EACH	20.00000	1,000.00	20.80000	1,040.00	22.00000	1,100.00
630-80364	Drum Channelizing Device (With Light) (Steady Burn)	20.000 EACH	25.00000	500.00	41.60000	832.00	42.00000	840.00
630-80370	Concrete Barrier (Temporary)	1,000.000 LF	30.00000	30,000.00	43.35000	43,350.00	92.00000	92,000.00
630-80380	Traffic Cone	100.000 EACH	12.00000	1,200.00	1.04000	104.00	2.00000	200.00
630-80393	Stackable Vertical Panels	50.000 EACH	25.00000	1,250.00	20.80000	1,040.00	25.00000	1,250.00
630-80511	Mobile Pavement Marking Zone	1.000 L S	4,000.00000	4,000.00	2,600.00000	2,600.00	3,000.00000	3,000.00
630-85010	Impact Attenuator (Temporary)	2.000 EACH	1,500.00000	3,000.00	2,640.94000	5,281.88	4,500.00000	9,000.00
Section Totals:				\$1,263,019.25		\$1,666,197.47		\$2,048,415.80
Contract Grand Totals				\$1,263,019.25		\$1,666,197.47		\$2,048,415.80

Colorado Department Of Transportation

Printed On: 04/23/2018

Low Bid Item Analysis

Page 1 of 12

Letting No: 20180315
 Letting Date: March 15, 2018
 Letting Time: 10:00 AM

Contract ID: C21744
 Region: 5
 Contract Time: 08/24/18 COMPLETION DATE

Counties: MINERAL
 Project(s): NHPP1602-164

Contract Description:

US 160 WOLF CREEK PASS, SIGN STRUCTURES, SIGNS, STRIPING, BARRIER CONSTRUCTION

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0005	202-00220 Removal of Asphalt Mat	739.000	5.00000	14.80000 SY	3,695.00	10,937.20	296.00%	7,242.20
0010	202-00240 Removal of Asphalt Mat (Planing)	7,697.000	8.00000	4.49000 SY	61,576.00	34,559.53	56.13%	-27,016.47
0015	202-00250 Removal of Pavement Marking	918.000	4.00000	2.08000 SF	3,672.00	1,909.44	52.00%	-1,762.56
0020	202-00805 Removal of Overhead Sign Structure	3.000	5,000.00000	8,292.25000 EACH	15,000.00	24,876.75	165.85%	9,876.75
0025	202-00810 Removal of Ground Sign	14.000	125.00000	124.23000 EACH	1,750.00	1,739.22	99.38%	-10.78
0030	202-00821 Removal of Sign Panel	14.000	50.00000	84.94000 EACH	700.00	1,189.16	169.88%	489.16
0035	203-00060 Embankment Material (Complete In Place)	307.000	35.00000	45.39000 CY	10,745.00	13,934.73	129.69%	3,189.73
0040	203-00400 Rock Excavation	10.000	100.00000	421.78000 CY	1,000.00	4,217.80	421.78%	3,217.80

Colorado Department Of Transportation

Printed On: 04/23/2018

Low Bid Item Analysis

Page 2 of 12

Letting No: 20180315
 Letting Date: March 15, 2018
 Letting Time: 10:00 AM

Contract ID: C21744
 Region: 5
 Contract Time: 08/24/18 COMPLETION DATE

Counties: MINERAL
 Project(s): NHPP1602-164

Contract Description:

US 160 WOLF CREEK PASS, SIGN STRUCTURES, SIGNS, STRIPING, BARRIER CONSTRUCTION

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0045	203-01594 Combination Loader	20.000	120.00000	142.41000 HOUR	2,400.00	2,848.20	118.68%	448.20
0050	203-01597 Potholing	12.000	200.00000	325.87000 HOUR	2,400.00	3,910.44	162.94%	1,510.44
0055	206-00000 Structure Excavation	212.000	20.00000	34.53000 CY	4,240.00	7,320.36	172.65%	3,080.36
0060	206-00100 Structure Backfill (Class 1)	94.000	35.00000	63.30000 CY	3,290.00	5,950.20	180.86%	2,660.20
0065	207-00310 Stockpile Wetland Topsoil	15.000	50.00000	179.07000 CY	750.00	2,686.05	358.14%	1,936.05
0070	208-00002 Erosion Log Type 1 (12 Inch)	600.000	5.00000	9.41000 LF	3,000.00	5,646.00	188.20%	2,646.00
0075	208-00020 Silt Fence	500.000	6.00000	4.91000 LF	3,000.00	2,455.00	81.83%	-545.00
0080	208-00046 Pre-fabricated Concrete Washout Structure	1.000	2,500.00000	1,735.54000 EACH	2,500.00	1,735.54	69.42%	-764.46

Colorado Department Of Transportation

Printed On: 04/23/2018

Low Bid Item Analysis

Page 3 of 12

Letting No: 20180315
 Letting Date: March 15, 2018
 Letting Time: 10:00 AM

Contract ID: C21744
 Region: 5
 Contract Time: 08/24/18 COMPLETION
 DATE

Counties: MINERAL
 Project(s): NHPP1602-164

Contract Description:

US 160 WOLF CREEK PASS, SIGN STRUCTURES, SIGNS, STRIPING, BARRIER
 CONSTRUCTION

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0085	208-00051 Storm Drain Inlet Protection (Type I)	120.000	12.00000	17.91000 LF	1,440.00	2,149.20	149.25%	709.20
0090	208-00103 Removal and Disposal of Sediment (Labor)	10.000	30.00000	50.72000 HOUR	300.00	507.20	169.07%	207.20
0095	208-00105 Removal and Disposal of Sediment (Equipment)	10.000	120.00000	124.50000 HOUR	1,200.00	1,245.00	103.75%	45.00
0100	208-00207 Erosion Control Management	20.000	200.00000	282.35000 DAY	4,000.00	5,647.00	141.18%	1,647.00
0105	210-00815 Reset Sign Panel	7.000	200.00000	2,052.27000 EACH	1,400.00	14,365.89	1026.14%	12,965.89
0110	212-00006 Seeding (Native)	0.500	3,000.00000	1,892.97000 ACRE	1,500.00	946.49	63.10%	-553.51
0115	212-00032 Soil Conditioning	0.500	3,000.00000	5,985.91000 ACRE	1,500.00	2,992.96	199.53%	1,492.96
0120	213-00004 Mulching (Weed Free Straw)	0.500	1,500.00000	1,842.05000 ACRE	750.00	921.03	122.80%	171.03

Colorado Department Of Transportation

Printed On: 04/23/2018

Low Bid Item Analysis

Page 4 of 12

Letting No: 20180315
 Letting Date: March 15, 2018
 Letting Time: 10:00 AM

Contract ID: C21744
 Region: 5
 Contract Time: 08/24/18 COMPLETION
 DATE

Counties: MINERAL
 Project(s): NHPP1602-164

Contract Description:

US 160 WOLF CREEK PASS, SIGN STRUCTURES, SIGNS, STRIPING, BARRIER
 CONSTRUCTION

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0125	213-00061 Mulch Tackifier	50.000	5.00000	7.03000 LB	250.00	351.50	140.60%	101.50
0130	250-00010 Environmental Health and Safety Management	1.000	2,000.00000	6,134.54000 L S	2,000.00	6,134.54	306.73%	4,134.54
0135	250-00050 Monitoring Technician	8.000	110.00000	264.82000 HOUR	880.00	2,118.56	240.75%	1,238.56
0140	250-00120 Material Sampling and Delivery	2.000	160.00000	105.30000 EACH	320.00	210.60	65.81%	-109.40
0145	250-00200 Material Handling (Stockpile)	5.000	50.00000	7.71000 CY	250.00	38.55	15.42%	-211.45
0150	250-00210 Solid Waste Disposal	5.000	200.00000	134.61000 CY	1,000.00	673.05	67.31%	-326.95
0155	250-00220 Hazardous Waste Disposal	5.000	250.00000	376.82000 CY	1,250.00	1,884.10	150.73%	634.10
0160	304-06007 Aggregate Base Course (Class 6)	45.000	50.00000	87.69000 CY	2,250.00	3,946.05	175.38%	1,696.05

Colorado Department Of Transportation

Printed On: 04/23/2018

Low Bid Item Analysis

Page 5 of 12

Letting No: 20180315
 Letting Date: March 15, 2018
 Letting Time: 10:00 AM

Contract ID: C21744
 Region: 5
 Contract Time: 08/24/18 COMPLETION DATE

Counties: MINERAL
 Project(s): NHPP1602-164

Contract Description:

US 160 WOLF CREEK PASS, SIGN STRUCTURES, SIGNS, STRIPING, BARRIER CONSTRUCTION

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0165	403-00720 Hot Mix Asphalt (Patching) (Asphalt)	855.000	120.00000	198.01000 TON	102,600.00	169,298.55	165.01%	66,698.55
0170	403-00721 Hot Mix Asphalt (Patching) (Asphalt)	72.000	100.00000	26.52000 SY	7,200.00	1,909.44	26.52%	-5,290.56
0175	503-00042 Drilled Caisson (42 Inch)	49.000	750.00000	1,379.39000 LF	36,750.00	67,590.11	183.92%	30,840.11
0180	503-00054 Drilled Caisson (54 Inch)	88.000	950.00000	1,470.22000 LF	83,600.00	129,379.36	154.76%	45,779.36
0185	604-00505 Inlet Type D (5 Foot)	1.000	5,000.00000	9,343.51000 EACH	5,000.00	9,343.51	186.87%	4,343.51
0190	606-00716 Guardrail Type 7 (Style CA) (Special)	430.000	250.00000	395.68000 LF	107,500.00	170,142.40	158.27%	62,642.40
0195	606-01370 Transition Type 3G	1.000	2,000.00000	4,680.00000 EACH	2,000.00	4,680.00	234.00%	2,680.00
0200	606-01390 End Anchorage Type 3K	1.000	2,000.00000	4,368.00000 EACH	2,000.00	4,368.00	218.40%	2,368.00

Colorado Department Of Transportation

Printed On: 04/23/2018

Low Bid Item Analysis

Page 6 of 12

Letting No: 20180315
 Letting Date: March 15, 2018
 Letting Time: 10:00 AM

Contract ID: C21744
 Region: 5
 Contract Time: 08/24/18 COMPLETION DATE

Counties: MINERAL
 Project(s): NHPP1602-164

Contract Description:

US 160 WOLF CREEK PASS, SIGN STRUCTURES, SIGNS, STRIPING, BARRIER CONSTRUCTION

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0205	607-11525 Fence (Plastic)	500.000	2.00000	4.04000 LF	1,000.00	2,020.00	202.00%	1,020.00
0210	607-60620 Road Closure Gate	1.000	6,000.00000	12,064.00000 EACH	6,000.00	12,064.00	201.07%	6,064.00
0215	608-01550 Place Asphalt Millings	490.000	25.00000	9.76000 SY	12,250.00	4,782.40	39.04%	-7,467.60
0220	613-00200 2 Inch Electrical Conduit	10.000	12.00000	124.80000 LF	120.00	1,248.00	1040.00%	1,128.00
0225	613-07026 Pull Box (16"x24"x12")	1.000	500.00000	1,040.00000 EACH	500.00	1,040.00	208.00%	540.00
0230	613-10000 Wiring	1.000	5,000.00000	52,000.00000 L S	5,000.00	52,000.00	1040.00%	47,000.00
0235	613-50375 Solar Collection System	2.000	15,000.00000	52,000.00000 EACH	30,000.00	104,000.00	346.67%	74,000.00
0240	614-00025 Sign Panel (Class I) (Install Only)	60.000	6.00000	11.83000 SF	360.00	709.80	197.17%	349.80

Colorado Department Of Transportation

Printed On: 04/23/2018

Low Bid Item Analysis

Page 7 of 12

Letting No: 20180315
 Letting Date: March 15, 2018
 Letting Time: 10:00 AM

Contract ID: C21744
 Region: 5
 Contract Time: 08/24/18 COMPLETION
 DATE

Counties: MINERAL
 Project(s): NHPP1602-164

Contract Description:

US 160 WOLF CREEK PASS, SIGN STRUCTURES, SIGNS, STRIPING, BARRIER
 CONSTRUCTION

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0245	614-00027 Sign Panel (Class II) (Install Only)	341.000	8.00000	32.70000 SF	2,728.00	11,150.70	408.75%	8,422.70
0250	614-00028 Sign Panel (Class III) (Install Only)	1,350.000	10.00000	30.56000 SF	13,500.00	41,256.00	305.60%	27,756.00
0255	614-00612 Steel Sign Post (W 6x12)	348.000	25.00000	52.29000 LF	8,700.00	18,196.92	209.16%	9,496.92
0260	614-00615 Steel Sign Post (W 6x15)	42.000	25.00000	68.85000 LF	1,050.00	2,891.70	275.40%	1,841.70
0265	614-01575 Steel Sign Support (2-1/2 Inch Round NP-40)(Post)	67.000	25.00000	22.20000 LF	1,675.00	1,487.40	88.80%	-187.60
0270	614-01578 Steel Sign Support (2-1/2 Inch Round NP-40)(Slipbase)	6.000	250.00000	305.31000 EACH	1,500.00	1,831.86	122.12%	331.86
0275	614-03001 Concrete Footing (Type 1)	24.000	2,000.00000	1,131.19000 EACH	48,000.00	27,148.56	56.56%	-20,851.44
0280	614-03002 Concrete Footing (Type 2)	3.000	4,000.00000	1,141.39000 EACH	12,000.00	3,424.17	28.53%	-8,575.83

Colorado Department Of Transportation

Printed On: 04/23/2018

Low Bid Item Analysis

Page 8 of 12

Letting No: 20180315
 Letting Date: March 15, 2018
 Letting Time: 10:00 AM

Contract ID: C21744
 Region: 5
 Contract Time: 08/24/18 COMPLETION
 DATE

Counties: MINERAL
 Project(s): NHPP1602-164

Contract Description:

US 160 WOLF CREEK PASS, SIGN STRUCTURES, SIGNS, STRIPING, BARRIER
 CONSTRUCTION

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0285	614-10139 Radar Speed Display Sign (LED)	2.000	10,000.00000	15,704.00000 EACH	20,000.00	31,408.00	157.04%	11,408.00
0290	614-32900 Monotube Overhead Sign Cantilever (Install Only)	3.000	8,000.00000	6,196.12000 EACH	24,000.00	18,588.36	77.45%	-5,411.64
0295	614-42500 Monotube Overhead Sign Bridge (Install Only)	2.000	10,000.00000	16,632.10000 EACH	20,000.00	33,264.20	166.32%	13,264.20
0300	614-72740 Blank Out Sign(LED)(Single Faced)	2.000	15,000.00000	19,260.86000 EACH	30,000.00	38,521.72	128.41%	8,521.72
0305	614-72871 Loop Detector Wire (Prefab) Special	766.000	12.00000	14.47000 LF	9,192.00	11,084.02	120.58%	1,892.02
0310	614-72880 Traffic Signal Vehicle Detector Amplifier (Loop Type)	1.000	2,000.00000	3,640.00000 EACH	2,000.00	3,640.00	182.00%	1,640.00
0315	614-80000 Flashing Beacon	8.000	500.00000	1,092.00000 EACH	4,000.00	8,736.00	218.40%	4,736.00
0320	614-80385 Rumble Strip	44,105.000	0.25000	0.21000 LF	11,026.25	9,262.05	84.00%	-1,764.20

Colorado Department Of Transportation

Printed On: 04/23/2018

Low Bid Item Analysis

Page 9 of 12

Letting No: 20180315
 Letting Date: March 15, 2018
 Letting Time: 10:00 AM

Contract ID: C21744
 Region: 5
 Contract Time: 08/24/18 COMPLETION
 DATE

Counties: MINERAL
 Project(s): NHPP1602-164

Contract Description:

US 160 WOLF CREEK PASS, SIGN STRUCTURES, SIGNS, STRIPING, BARRIER
 CONSTRUCTION

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0325	614-86106 Telemetry (Field)(Install Only)	2.000	5,000.00000	5,408.00000 EACH	10,000.00	10,816.00	108.16%	816.00
0330	620-00001 Field Office (Class 1)	1.000	5,000.00000	23,094.50000 EACH	5,000.00	23,094.50	461.89%	18,094.50
0335	620-00020 Sanitary Facility	1.000	3,000.00000	1,650.00000 EACH	3,000.00	1,650.00	55.00%	-1,350.00
0340	624-29024 24 Inch Drainage Pipe (Class 9)	108.000	80.00000	66.09000 LF	8,640.00	7,137.72	82.61%	-1,502.28
0345	625-00000 Construction Surveying	1.000	10,000.00000	31,200.00000 L S	10,000.00	31,200.00	312.00%	21,200.00
0350	626-00000 Mobilization	1.000	150,000.00000	128,917.08000 L S	150,000.00	128,917.08	85.94%	-21,082.92
0355	626-01104 Public Information Services (Tier IV)	1.000	15,000.00000	1,976.00000 L S	15,000.00	1,976.00	13.17%	-13,024.00
0360	627-00013 Pavement Marking Paint (High Build)	414.000	120.00000	38.30000 GAL	49,680.00	15,856.20	31.92%	-33,823.80

Colorado Department Of Transportation

Printed On: 04/23/2018

Low Bid Item Analysis

Page 10 of 12

Letting No: 20180315
 Letting Date: March 15, 2018
 Letting Time: 10:00 AM

Contract ID: C21744
 Region: 5
 Contract Time: 08/24/18 COMPLETION
 DATE

Counties: MINERAL
 Project(s): NHPP1602-164

Contract Description:

US 160 WOLF CREEK PASS, SIGN STRUCTURES, SIGNS, STRIPING, BARRIER
 CONSTRUCTION

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0365	627-00013 Pavement Marking Paint (High Build) (Inlaid)	908.000	80.00000	103.38000 GAL	72,640.00	93,869.04	129.23%	21,229.04
0370	627-00013 Pavement Marking Paint (High Build) (Temporary)	100.000	60.00000	34.32000 GAL	6,000.00	3,432.00	57.20%	-2,568.00
0375	627-01010 Preformed Plastic Pavement Marking (Type I)(Inlaid)	3,948.000	10.00000	11.98000 SF	39,480.00	47,297.04	119.80%	7,817.04
0380	627-30205 Thermoplastic Pavement Marking (Word-Symbol)	904.000	25.00000	19.98000 SF	22,600.00	18,061.92	79.92%	-4,538.08
0385	627-30210 Thermoplastic Pavement Marking (Xwalk-Stopline)	14.000	20.00000	12.48000 SF	280.00	174.72	62.40%	-105.28
0390	630-00000 Flagging	200.000	25.00000	26.00000 HOUR	5,000.00	5,200.00	104.00%	200.00
0395	630-00007 Traffic Control Inspection	26.000	150.00000	156.00000 DAY	3,900.00	4,056.00	104.00%	156.00

Colorado Department Of Transportation

Printed On: 04/23/2018

Low Bid Item Analysis

Page 11 of 12

Letting No: 20180315
 Letting Date: March 15, 2018
 Letting Time: 10:00 AM

Contract ID: C21744
 Region: 5
 Contract Time: 08/24/18 COMPLETION
 DATE

Counties: MINERAL
 Project(s): NHPP1602-164

Contract Description:

US 160 WOLF CREEK PASS, SIGN STRUCTURES, SIGNS, STRIPING, BARRIER
 CONSTRUCTION

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0400	630-00012 Traffic Control Management	60.000	850.00000	618.80000 DAY	51,000.00	37,128.00	72.80%	-13,872.00
0405	630-80335 Barricade (Type 3 M-A) (Temporary)	1.000	2,000.00000	156.00000 EACH	2,000.00	156.00	7.80%	-1,844.00
0410	630-80341 Construction Traffic Sign (Panel Size A)	9.000	50.00000	10.40000 EACH	450.00	93.60	20.80%	-356.40
0415	630-80342 Construction Traffic Sign (Panel Size B)	35.000	60.00000	20.80000 EACH	2,100.00	728.00	34.67%	-1,372.00
0420	630-80344 Construction Traffic Sign (Special)	101.000	40.00000	31.20000 SF	4,040.00	3,151.20	78.00%	-888.80
0425	630-80355 Portable Message Sign Panel	2.000	5,000.00000	5,720.00000 EACH	10,000.00	11,440.00	114.40%	1,440.00
0430	630-80360 Drum Channelizing Device	50.000	20.00000	20.80000 EACH	1,000.00	1,040.00	104.00%	40.00
0435	630-80364 Drum Channelizing Device (With Light) (Steady Burn)	20.000	25.00000	41.60000 EACH	500.00	832.00	166.40%	332.00

Colorado Department Of Transportation

Printed On: 04/23/2018

Low Bid Item Analysis

Page 12 of 12

Letting No: 20180315
 Letting Date: March 15, 2018
 Letting Time: 10:00 AM

Contract ID: C21744
 Region: 5
 Contract Time: 08/24/18 COMPLETION DATE

Counties: MINERAL
 Project(s): NHPP1602-164

Contract Description:

US 160 WOLF CREEK PASS, SIGN STRUCTURES, SIGNS, STRIPING, BARRIER CONSTRUCTION

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0440	630-80370 Concrete Barrier (Temporary)	1,000.000	30.00000	43.35000 LF	30,000.00	43,350.00	144.50%	13,350.00
0445	630-80380 Traffic Cone	100.000	12.00000	1.04000 EACH	1,200.00	104.00	8.67%	-1,096.00
0450	630-80393 Stackable Vertical Panels	50.000	25.00000	20.80000 EACH	1,250.00	1,040.00	83.20%	-210.00
0455	630-80511 Mobile Pavement Marking Zone	1.000	4,000.00000	2,600.00000 L S	4,000.00	2,600.00	65.00%	-1,400.00
0460	630-85010 Impact Attenuator (Temporary)	2.000	1,500.00000	2,640.94000 EACH	3,000.00	5,281.88	176.06%	2,281.88
Section 0001 Subtotal					\$1,263,019.25	\$1,666,197.47	131.92%	\$403,178.22
Contract Total for Calculated Low Bidders Bid Items					\$1,263,019.25	\$1,666,197.47	131.92%	\$403,178.22