

Colorado Department Of Transportation

Printed On: 08/19/2016

Low Bid Summary

Page 1 of 1

Letting Date: July 28, 2016

Call Order	Contract ID	Project(s)	# of Bids	Low Bidder	Estimated Cost	Corrected Bid	Percent of Estimate	Overrun (+) Underrun (-)
003	C20467	STU0242-066	2	KIEWIT INFRASTRUCTURE CO.	\$2,200,000.00	\$2,448,764.50	111.31%	\$248,764.50
Letting Totals			2		\$2,200,000.00	\$2,448,764.50	111.31%	\$248,764.50

**Colorado Department Of Transportation**

Printed On: **08/19/2016**

**Vendor Ranking**

Page 1 of 1

Letting No: 20160728  
 Letting Date: July 28, 2016  
 Letting Time: 10:00 AM

Contract ID: C20467  
 Region: 2  
 Contract Time: 60 WORKING DAYS

Project(s): STU0242-066  
 Counties: EL PASO

**Contract Description:**

This project consists of an overlay through Manitou Springs along with ADA ramp work. The overlay is split between two sites. Site A starts at MP 0.0 of US24E as it departs US24 west of Manitou Springs and ends at MP 0.62 (roundabout intersection with Serpentine Dr). Site A has one no-work zone from MP 0.035 to 0.096 for the Rainbow Falls bridge rehab project. Site B starts at MP 1.72 and ends at MP 2.67 and includes adjacent Garden of the Gods Place. 30 ADA ramps will be updated in Site B. Class 2 and 3 repairs will be done on the deck of structure I-17-GH located on Garden of the Gods Place. Drainage improvements are included at the intersection of Manitou Ave. and Garden of the Gods Place.

Rank	Vendor ID	Vendor Name	Total Bid	Percent Of Low Bid	Percent Of Estimate
0	-EST-	Engineer's Estimate	\$2,200,000.00	89.84%	100.00%
1	695A	KIEWIT INFRASTRUCTURE CO.	\$2,448,764.50	100.00%	111.31%
2	757A	MARTIN MARIETTA MATERIALS	\$3,124,317.50	127.59%	142.01%

Tabulation of Bids

Letting No: 20160728  
 Letting Date: July 28, 2016  
 Letting Time: 10:00 AM

Contract ID: C20467  
 Region: 2

Counties: EL PASO

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 695A KIEWIT INFRASTRUCTURE CO.		(2) 757A MARTIN MARIETTA MATERIALS	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001	BID ITEMS						
						<b>LCC:</b>		
202-00033	Removal of Pipe	3.000 EACH	1,500.00000	4,500.00	2,000.00000	6,000.00	8,130.00000	24,390.00
202-00090	Removal of Delineator	54.000 EACH	6.55000	353.70	9.00000	486.00	11.00000	594.00
202-00200	Removal of Sidewalk	480.000 SY	12.00000	5,760.00	28.00000	13,440.00	40.00000	19,200.00
202-00203	Removal of Curb and Gutter	1,183.000 LF	6.00000	7,098.00	13.00000	15,379.00	18.00000	21,294.00
202-00206	Removal of Concrete Curb Ramp	98.000 SY	25.00000	2,450.00	30.00000	2,940.00	53.00000	5,194.00
202-00210	Removal of Concrete Pavement	35.000 SY	15.00000	525.00	60.00000	2,100.00	74.00000	2,590.00
202-00217	Remove Concrete Pavement (Planing) (Special)	1.000 SY	35.00000	35.00	700.00000	700.00	1,430.00000	1,430.00
202-00220	Removal of Asphalt Mat	725.000 SY	7.55000	5,473.75	10.00000	7,250.00	13.00000	9,425.00
202-00240	Removal of Asphalt Mat (Planing)	17,982.000 SY	2.00000	35,964.00	3.50000	62,937.00	5.00000	89,910.00
202-00246	Removal of Asphalt Mat (Planing) (Special)	34,713.000 SY	5.25000	182,243.25	5.50000	190,921.50	6.00000	208,278.00
202-00425	Removal of Bridge Railing	15.000 LF	500.00000	7,500.00	14.00000	210.00	460.00000	6,900.00
202-00453	Removal of Portions of Present Structure (Class 2)	119.000 SY	250.00000	29,750.00	250.00000	29,750.00	445.00000	52,955.00
202-00460	Removal of Portions of Present Structure (Class 3)	17.000 SY	375.00000	6,375.00	520.00000	8,840.00	710.00000	12,070.00

Tabulation of Bids

Letting No: 20160728  
 Letting Date: July 28, 2016  
 Letting Time: 10:00 AM

Contract ID: C20467  
 Region: 2

Counties: EL PASO

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 695A KIEWIT INFRASTRUCTURE CO.		(2) 757A MARTIN MARIETTA MATERIALS	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001	BID ITEMS						
						<b>LCC:</b>		
202-00810	Removal of Ground Sign	9.000 EACH	90.00000	810.00	130.00000	1,170.00	170.00000	1,530.00
202-00821	Removal of Sign Panel	11.000 EACH	60.00000	660.00	75.00000	825.00	93.00000	1,023.00
202-00828	Removal of Traffic Signal Equipment	1.000 L S	6,000.00000	6,000.00	9,000.00000	9,000.00	9,130.00000	9,130.00
202-00831	Removal of Traffic Signal Head	6.000 EACH	150.00000	900.00	200.00000	1,200.00	1,050.00000	6,300.00
202-00860	Removal of Pedestrian Push Button	2.000 EACH	50.00000	100.00	60.00000	120.00	2,420.00000	4,840.00
202-01130	Removal of Guardrail Type 3	1,012.500 LF	4.00000	4,050.00	13.00000	13,162.50	16.00000	16,200.00
202-01300	Removal of End Anchorage	1.000 EACH	260.00000	260.00	1,100.00000	1,100.00	1,350.00000	1,350.00
202-04050	Clean Expansion Joint	83.000 LF	25.00000	2,075.00	70.00000	5,810.00	50.00000	4,150.00
203-00010	Unclassified Excavation (Complete In Place)	30.000 CY	12.00000	360.00	100.00000	3,000.00	500.00000	15,000.00
203-01500	Blading	20.000 HOUR	160.00000	3,200.00	200.00000	4,000.00	155.00000	3,100.00
203-01510	Backhoe	15.000 HOUR	150.00000	2,250.00	150.00000	2,250.00	125.00000	1,875.00
203-01594	Combination Loader	10.000 HOUR	150.00000	1,500.00	110.00000	1,100.00	185.00000	1,850.00
203-01597	Potholing	40.000 HOUR	225.00000	9,000.00	300.00000	12,000.00	325.00000	13,000.00
203-02330	Laborer	80.000 HOUR	65.00000	5,200.00	40.00000	3,200.00	54.00000	4,320.00

Tabulation of Bids

Letting No: 20160728  
 Letting Date: July 28, 2016  
 Letting Time: 10:00 AM

Contract ID: C20467  
 Region: 2

Counties: EL PASO

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 695A KIEWIT INFRASTRUCTURE CO.		(2) 757A MARTIN MARIETTA MATERIALS	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001 BID ITEMS							
						<b>LCC:</b>		
207-00205	Topsoil (Imported)	25.000 CY	13.00000	325.00	50.00000	1,250.00	315.00000	7,875.00
208-00002	Erosion Log Type 1 (12 Inch)	120.000 LF	6.00000	720.00	5.00000	600.00	18.00000	2,160.00
208-00021	Silt Fence (Reinforced)	400.000 LF	3.00000	1,200.00	6.00000	2,400.00	5.50000	2,200.00
208-00035	Aggregate Bag (Applied as Storm Drain Inlet Protection Type I)	350.000 LF	10.00000	3,500.00	10.00000	3,500.00	8.50000	2,975.00
208-00045	Concrete Washout Structure (Portable)	2.000 EACH	1,600.00000	3,200.00	2,000.00000	4,000.00	2,280.00000	4,560.00
208-00056	Storm Drain Inlet Protection (Type III) (Sediment Filter Bag)	4.000 EACH	1,000.00000	4,000.00	230.00000	920.00	2,710.00000	10,840.00
208-00070	Vehicle Tracking Pad	1.000 EACH	3,000.00000	3,000.00	2,000.00000	2,000.00	3,050.00000	3,050.00
208-00071	Maintenance Aggregate (Vehicle Tracking Pad)	3.000 CY	50.00000	150.00	100.00000	300.00	380.00000	1,140.00
208-00103	Removal and Disposal of Sediment (Labor)	40.000 HOUR	60.00000	2,400.00	90.00000	3,600.00	70.00000	2,800.00
208-00105	Removal and Disposal of Sediment (Equipment)	40.000 HOUR	120.00000	4,800.00	150.00000	6,000.00	120.00000	4,800.00
208-00106	Sweeping (Sediment Removal)	40.000 HOUR	160.00000	6,400.00	170.00000	6,800.00	200.00000	8,000.00
208-00107	Removal of Trash	80.000 HOUR	100.00000	8,000.00	85.00000	6,800.00	195.00000	15,600.00
208-00207	Erosion Control Management	60.000 DAY	240.00000	14,400.00	50.00000	3,000.00	985.00000	59,100.00

Tabulation of Bids

Letting No: 20160728  
 Letting Date: July 28, 2016  
 Letting Time: 10:00 AM

Contract ID: C20467  
 Region: 2

Counties: EL PASO

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 695A KIEWIT INFRASTRUCTURE CO.		(2) 757A MARTIN MARIETTA MATERIALS	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001 BID ITEMS							
					<b>LCC:</b>			
210-00425	Reset Bridge Railing	15.000 LF	100.00000	1,500.00	25.00000	375.00	930.00000	13,950.00
210-00810	Reset Ground Sign	8.000 EACH	300.00000	2,400.00	400.00000	3,200.00	550.00000	4,400.00
210-00815	Reset Sign Panel	3.000 EACH	180.00000	540.00	170.00000	510.00	160.00000	480.00
210-00827	Reset Pull Box	3.000 EACH	750.00000	2,250.00	90.00000	270.00	1,190.00000	3,570.00
210-00831	Reset Traffic Signal Head	3.000 EACH	1,500.00000	4,500.00	400.00000	1,200.00	2,110.00000	6,330.00
210-04010	Adjust Manhole	29.000 EACH	1,000.00000	29,000.00	1,050.00000	30,450.00	1,380.00000	40,020.00
210-04020	Modify Inlet	5.000 EACH	2,000.00000	10,000.00	1,800.00000	9,000.00	1,650.00000	8,250.00
210-04050	Adjust Valve Box	10.000 EACH	600.00000	6,000.00	300.00000	3,000.00	865.00000	8,650.00
212-00006	Seeding (Native)	0.070 ACRE	1,091.00000	76.37	17,000.00000	1,190.00	42,150.00000	2,950.50
212-00050	Sod	666.000 SF	1.10000	732.60	2.00000	1,332.00	8.50000	5,661.00
216-00201	Soil Retention Blanket (Straw-Coconut) (Biodegradable Class 1)	227.000 SY	3.00000	681.00	4.00000	908.00	7.00000	1,589.00
216-00301	Turf Reinforcement Mat (Class 1)	117.000 SY	10.00000	1,170.00	8.00000	936.00	17.00000	1,989.00
304-09014	Aggregate Base Course (Special)	199.000 TON	30.00000	5,970.00	30.00000	5,970.00	55.00000	10,945.00
403-00721	Hot Mix Asphalt (Patching) (Asphalt)	595.000 SY	57.00000	33,915.00	150.00000	89,250.00	90.00000	53,550.00

Tabulation of Bids

Letting No: 20160728  
 Letting Date: July 28, 2016  
 Letting Time: 10:00 AM

Contract ID: C20467  
 Region: 2

Counties: EL PASO

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 695A KIEWIT INFRASTRUCTURE CO.		(2) 757A MARTIN MARIETTA MATERIALS	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001 BID ITEMS				<b>LCC:</b>			
403-34751	Hot Mix Asphalt (Grading SX) (75) (PG 64-28)	6,548.000 TON	100.00000	654,800.00	120.00000	785,760.00	110.00000	720,280.00
411-10255	Emulsified Asphalt (Slow-Setting)	2,700.000 GAL	5.50000	14,850.00	3.00000	8,100.00	8.50000	22,950.00
412-00600	Concrete Pavement (6 Inch)	28.000 SY	65.00000	1,820.00	120.00000	3,360.00	175.00000	4,900.00
503-00018	Drilled Caisson (18 Inch)	4.000 LF	300.00000	1,200.00	500.00000	2,000.00	715.00000	2,860.00
506-00030	Grouted Riprap	160.000 CY	141.00000	22,560.00	170.00000	27,200.00	580.00000	92,800.00
506-00036	Grouted Riprap (36 Inch) (Special)	18.000 CY	300.00000	5,400.00	300.00000	5,400.00	760.00000	13,680.00
506-00424	Soil Riprap (24 Inch)	102.000 CY	125.00000	12,750.00	160.00000	16,320.00	710.00000	72,420.00
601-03041	Concrete Class D (Bridge) (Special)	14.000 CY	1,300.00000	18,200.00	720.00000	10,080.00	2,760.00000	38,640.00
601-03050	Concrete Class D (Wall)	2.000 CY	624.00000	1,248.00	600.00000	1,200.00	3,170.00000	6,340.00
601-06100	Concrete (Patching)	0.100 CY	2,500.00000	250.00	6,000.00000	600.00	35,800.00000	3,580.00
601-51005	Galvanic Anodes	680.000 EACH	50.00000	34,000.00	24.00000	16,320.00	47.00000	31,960.00
602-00000	Reinforcing Steel	353.000 LB	1.00000	353.00	4.00000	1,412.00	5.50000	1,941.50
603-01185	18 Inch Reinforced Concrete Pipe (Complete In Place)	107.000 LF	70.00000	7,490.00	250.00000	26,750.00	145.00000	15,515.00

Tabulation of Bids

Letting No: 20160728  
 Letting Date: July 28, 2016  
 Letting Time: 10:00 AM

Contract ID: C20467  
 Region: 2

Counties: EL PASO

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 695A KIEWIT INFRASTRUCTURE CO.		(2) 757A MARTIN MARIETTA MATERIALS	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001 BID ITEMS							
						<b>LCC:</b>		
603-01215	21 Inch Reinforced Concrete Pipe (Complete In Place)	48.000 LF	90.00000	4,320.00	265.00000	12,720.00	160.00000	7,680.00
603-01305	30 Inch Reinforced Concrete Pipe (Complete In Place)	75.000 LF	180.00000	13,500.00	280.00000	21,000.00	190.00000	14,250.00
603-02245	30x19 Inch Reinforced Concrete Pipe Elliptical (Complete In Place)	94.000 LF	200.00000	18,800.00	320.00000	30,080.00	290.00000	27,260.00
603-05030	30 Inch Reinforced Concrete End Section	1.000 EACH	2,135.00000	2,135.00	2,500.00000	2,500.00	2,560.00000	2,560.00
604-00305	Inlet Type C (5 Foot)	1.000 EACH	3,272.00000	3,272.00	5,000.00000	5,000.00	6,020.00000	6,020.00
604-16010	Inlet Type 16 (10 Foot)	2.000 EACH	4,752.00000	9,504.00	6,500.00000	13,000.00	10,300.00000	20,600.00
604-16610	Inlet Type 16 (Triple) (10 Foot)	2.000 EACH	8,580.00000	17,160.00	8,000.00000	16,000.00	16,100.00000	32,200.00
604-19310	Inlet Type R L 15 (10 Foot)	1.000 EACH	9,090.00000	9,090.00	13,000.00000	13,000.00	15,350.00000	15,350.00
604-30010	Manhole Slab Base (10 Foot)	1.000 EACH	5,316.00000	5,316.00	7,500.00000	7,500.00	9,330.00000	9,330.00
604-30015	Manhole Slab Base (15 Foot)	1.000 EACH	8,219.00000	8,219.00	10,000.00000	10,000.00	17,900.00000	17,900.00
606-00301	Guardrail Type 3 (6-3 Post Spacing)	1,162.500 LF	30.00000	34,875.00	37.00000	43,012.50	47.00000	54,637.50
606-01340	End Anchorage Type 3D	2.000 EACH	1,500.00000	3,000.00	1,700.00000	3,400.00	2,120.00000	4,240.00
606-01370	Transition Type 3G	2.000 EACH	1,900.00000	3,800.00	2,700.00000	5,400.00	3,450.00000	6,900.00



Tabulation of Bids

Letting No: 20160728  
 Letting Date: July 28, 2016  
 Letting Time: 10:00 AM

Contract ID: C20467  
 Region: 2

Counties: EL PASO

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 695A KIEWIT INFRASTRUCTURE CO.		(2) 757A MARTIN MARIETTA MATERIALS	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001 BID ITEMS							
						<b>LCC:</b>		
606-01385	Transition Type 3J	1.000 EACH	2,000.00000	2,000.00	2,800.00000	2,800.00	3,630.00000	3,630.00
606-02003	End Anchorage (Nonflared)	1.000 EACH	2,800.00000	2,800.00	3,500.00000	3,500.00	4,500.00000	4,500.00
608-00000	Concrete Sidewalk	258.000 SY	40.00000	10,320.00	120.00000	30,960.00	66.00000	17,028.00
608-00010	Concrete Curb Ramp	170.000 SY	155.00000	26,350.00	320.00000	54,400.00	215.00000	36,550.00
608-00012	Curb Ramp (Special)	131.000 SY	115.00000	15,065.00	320.00000	41,920.00	170.00000	22,270.00
608-00015	Detectable Warnings	57.000 SF	80.00000	4,560.00	30.00000	1,710.00	125.00000	7,125.00
609-21010	Curb and Gutter Type 2 (Section I-B)	52.000 LF	25.00000	1,300.00	45.00000	2,340.00	52.00000	2,704.00
609-21020	Curb and Gutter Type 2 (Section II-B)	1,475.000 LF	25.00000	36,875.00	36.00000	53,100.00	31.00000	45,725.00
612-00001	Delineator (Type I)	120.000 EACH	27.00000	3,240.00	17.00000	2,040.00	21.00000	2,520.00
612-00002	Delineator (Type II)	3.000 EACH	28.00000	84.00	23.00000	69.00	30.00000	90.00
612-00003	Delineator (Type III)	3.000 EACH	31.00000	93.00	29.00000	87.00	37.00000	111.00
613-07001	Type One Pull Box	1.000 EACH	630.00000	630.00	1,300.00000	1,300.00	1,050.00000	1,050.00
613-10000	Wiring	1.000 L S	20,000.00000	20,000.00	6,000.00000	6,000.00	11,250.00000	11,250.00
614-00011	Sign Panel (Class I)	128.000 SF	22.00000	2,816.00	22.00000	2,816.00	29.00000	3,712.00

Tabulation of Bids

Letting No: 20160728  
 Letting Date: July 28, 2016  
 Letting Time: 10:00 AM

Contract ID: C20467  
 Region: 2

Counties: EL PASO

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 695A KIEWIT INFRASTRUCTURE CO.		(2) 757A MARTIN MARIETTA MATERIALS	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001 BID ITEMS							
					<b>LCC:</b>			
614-00012	Sign Panel (Class II)	34.000 SF	23.00000	782.00	28.00000	952.00	36.00000	1,224.00
614-01503	Steel Sign Support (2-Inch Round)(Post and Socket)	2.000 EACH	190.00000	380.00	210.00000	420.00	265.00000	530.00
614-01573	Steel Sign Support (2-1/2 Inch Round NP-40)(Post & Slipbase)	4.000 EACH	370.00000	1,480.00	450.00000	1,800.00	575.00000	2,300.00
614-72858	Pedestal Pole (3 Foot 6 Inch)	1.000 EACH	1,700.00000	1,700.00	1,700.00000	1,700.00	2,600.00000	2,600.00
614-72860	Pedestrian Push Button	1.000 EACH	850.00000	850.00	850.00000	850.00	2,320.00000	2,320.00
620-00002	Field Office (Class 2)	1.000 EACH	25,000.00000	25,000.00	12,000.00000	12,000.00	28,100.00000	28,100.00
620-00012	Field Laboratory (Class 2)	1.000 EACH	25,000.00000	25,000.00	10,000.00000	10,000.00	28,100.00000	28,100.00
620-00020	Sanitary Facility	1.000 EACH	2,200.00000	2,200.00	500.00000	500.00	1,580.00000	1,580.00
625-00000	Construction Surveying	1.000 L S	50,000.00000	50,000.00	30,000.00000	30,000.00	38,950.00000	38,950.00
626-00000	Mobilization	1.000 L S	289,890.33000	289,890.33	228,000.00000	228,000.00	338,000.00000	338,000.00
627-00009	Modified Epoxy Pavement Marking(Inlaid)	195.000 GAL	200.00000	39,000.00	155.00000	30,225.00	190.00000	37,050.00
627-00012	Pavement Marking Paint (Low VOC Solvent Base)	314.000 GAL	50.00000	15,700.00	46.00000	14,444.00	58.00000	18,212.00
627-30405	Preformed Thermoplastic Pavement Marking (Word-Symbol)	955.000 SF	20.00000	19,100.00	23.00000	21,965.00	29.00000	27,695.00

Tabulation of Bids

Letting No: 20160728  
 Letting Date: July 28, 2016  
 Letting Time: 10:00 AM

Contract ID: C20467  
 Region: 2

Counties: EL PASO

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 695A KIEWIT INFRASTRUCTURE CO.		(2) 757A MARTIN MARIETTA MATERIALS	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001 BID ITEMS							
						<b>LCC:</b>		
627-30410	Preformed Thermoplastic Pavement Marking (Xwalk-Stop Line)	2,580.000 SF	15.00000	38,700.00	17.00000	43,860.00	20.00000	51,600.00
630-00000	Flagging	2,400.000 HOUR	26.00000	62,400.00	24.00000	57,600.00	35.00000	84,000.00
630-00007	Traffic Control Inspection	32.000 DAY	220.00000	7,040.00	180.00000	5,760.00	185.00000	5,920.00
630-00012	Traffic Control Management	60.000 DAY	800.00000	48,000.00	650.00000	39,000.00	1,180.00000	70,800.00
630-80002	Flashing Beacon (Solar)	20.000 EACH	900.00000	18,000.00	1,200.00000	24,000.00	1,990.00000	39,800.00
630-80341	Construction Traffic Sign (Panel Size A)	216.000 EACH	50.00000	10,800.00	35.00000	7,560.00	145.00000	31,320.00
630-80342	Construction Traffic Sign (Panel Size B)	79.000 EACH	65.00000	5,135.00	35.00000	2,765.00	145.00000	11,455.00
630-80343	Construction Traffic Sign (Panel Size C)	2.000 EACH	75.00000	150.00	40.00000	80.00	145.00000	290.00
630-80355	Portable Message Sign Panel	3.000 EACH	5,000.00000	15,000.00	7,000.00000	21,000.00	12,550.00000	37,650.00
630-80360	Drum Channelizing Device	200.000 EACH	35.00000	7,000.00	35.00000	7,000.00	88.00000	17,600.00
630-80363	Drum Channelizing Device (With Light) (Flashing)	5.000 EACH	45.00000	225.00	40.00000	200.00	105.00000	525.00
630-80364	Drum Channelizing Device (With Light) (Steady Burn)	30.000 EACH	35.00000	1,050.00	40.00000	1,200.00	105.00000	3,150.00
630-80380	Traffic Cone	215.000 EACH	10.00000	2,150.00	5.00000	1,075.00	27.00000	5,805.00

Tabulation of Bids

Letting No: 20160728  
 Letting Date: July 28, 2016  
 Letting Time: 10:00 AM

Contract ID: C20467  
 Region: 2

Counties: EL PASO

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 695A KIEWIT INFRASTRUCTURE CO.		(2) 757A MARTIN MARIETTA MATERIALS	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001 BID ITEMS							
630-85041	Mobile Attenuator	10.000 DAY	400.00000	4,000.00	700.00000	7,000.00	735.00000	7,350.00
<b>Section Totals:</b>				\$2,200,000.00		\$2,448,764.50		\$3,124,317.50
<b>Contract Grand Totals</b>				<b>\$2,200,000.00</b>		<b>\$2,448,764.50</b>		<b>\$3,124,317.50</b>

Colorado Department Of Transportation

Printed On: 08/19/2016

Low Bid Item Analysis

Page 1 of 19

Letting No: 20160728  
 Letting Date: July 28, 2016  
 Letting Time: 10:00 AM

Contract ID: C20467  
 Region: 2  
 Contract Time: 60 WORKING DAYS

Counties: EL PASO  
 Project(s): STU0242-066

Contract Description:

This project consists of an overlay through Manitou Springs along with ADA ramp work. The overlay is split between two sites. Site A starts at MP 0.0 of US24E as it departs US24 west of Manitou Springs and ends at MP 0.62 (roundabout intersection with Serpentine Dr). Site A has one no-work zone from MP 0.035 to 0.096 for the Rainbow Falls bridge rehab project. Site B starts at MP 1.72 and ends at MP 2.67 and includes adjacent Garden of the Gods Place. 30 ADA ramps will be updated in Site B. Class 2 and 3 repairs will be done on the deck of structure I-17-GH located on Garden of the Gods Place. Drainage improvements are included at the intersection of Manitou Ave. and Garden of the Gods Place.

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) / Underrun (-)
<b>SECTION:</b>	0001	BID ITEMS						
0005	202-00033 Removal of Pipe	3.000	1,500.0000	2,000.00000 EACH	4,500.00	6,000.00	133.33%	1,500.00
0010	202-00090 Removal of Delineator	54.000	6.55000	9.00000 EACH	353.70	486.00	137.40%	132.30
0015	202-00200 Removal of Sidewalk	480.000	12.00000	28.00000 SY	5,760.00	13,440.00	233.33%	7,680.00
0020	202-00203 Removal of Curb and Gutter	1,183.000	6.00000	13.00000 LF	7,098.00	15,379.00	216.67%	8,281.00
0025	202-00206 Removal of Concrete Curb Ramp	98.000	25.00000	30.00000 SY	2,450.00	2,940.00	120.00%	490.00
0030	202-00210 Removal of Concrete Pavement	35.000	15.00000	60.00000 SY	525.00	2,100.00	400.00%	1,575.00
0035	202-00217 Remove Concrete Pavement (Planing) (Special)	1.000	35.00000	700.00000 SY	35.00	700.00	2000.00%	665.00

Colorado Department Of Transportation

Printed On: 08/19/2016

Low Bid Item Analysis

Page 2 of 19

Letting No: 20160728  
 Letting Date: July 28, 2016  
 Letting Time: 10:00 AM

Contract ID: C20467  
 Region: 2  
 Contract Time: 60 WORKING DAYS

Counties: EL PASO  
 Project(s): STU0242-066

Contract Description:

This project consists of an overlay through Manitou Springs along with ADA ramp work. The overlay is split between two sites. Site A starts at MP 0.0 of US24E as it departs US24 west of Manitou Springs and ends at MP 0.62 (roundabout intersection with Serpentine Dr). Site A has one no-work zone from MP 0.035 to 0.096 for the Rainbow Falls bridge rehab project. Site B starts at MP 1.72 and ends at MP 2.67 and includes adjacent Garden of the Gods Place. 30 ADA ramps will be updated in Site B. Class 2 and 3 repairs will be done on the deck of structure I-17-GH located on Garden of the Gods Place. Drainage improvements are included at the intersection of Manitou Ave. and Garden of the Gods Place.

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) / Underrun (-)
<b>SECTION:</b>	0001	BID ITEMS						
0040	202-00220 Removal of Asphalt Mat	725.000	7.55000	10.00000 SY	5,473.75	7,250.00	132.45%	1,776.25
0045	202-00240 Removal of Asphalt Mat (Planing)	17,982.000	2.00000	3.50000 SY	35,964.00	62,937.00	175.00%	26,973.00
0050	202-00246 Removal of Asphalt Mat (Planing) (Special)	34,713.000	5.25000	5.50000 SY	182,243.25	190,921.50	104.76%	8,678.25
0055	202-00425 Removal of Bridge Railing	15.000	500.00000	14.00000 LF	7,500.00	210.00	2.80%	-7,290.00
0060	202-00453 Removal of Portions of Present Structure (Class 2)	119.000	250.00000	250.00000 SY	29,750.00	29,750.00	100.00%	0.00
0065	202-00460 Removal of Portions of Present Structure (Class 3)	17.000	375.00000	520.00000 SY	6,375.00	8,840.00	138.67%	2,465.00

Colorado Department Of Transportation

Printed On: 08/19/2016

Low Bid Item Analysis

Page 3 of 19

Letting No: 20160728  
 Letting Date: July 28, 2016  
 Letting Time: 10:00 AM

Contract ID: C20467  
 Region: 2  
 Contract Time: 60 WORKING DAYS

Counties: EL PASO  
 Project(s): STU0242-066

Contract Description:

This project consists of an overlay through Manitou Springs along with ADA ramp work. The overlay is split between two sites. Site A starts at MP 0.0 of US24E as it departs US24 west of Manitou Springs and ends at MP 0.62 (roundabout intersection with Serpentine Dr). Site A has one no-work zone from MP 0.035 to 0.096 for the Rainbow Falls bridge rehab project. Site B starts at MP 1.72 and ends at MP 2.67 and includes adjacent Garden of the Gods Place. 30 ADA ramps will be updated in Site B. Class 2 and 3 repairs will be done on the deck of structure I-17-GH located on Garden of the Gods Place. Drainage improvements are included at the intersection of Manitou Ave. and Garden of the Gods Place.

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) / Underrun (-)
<b>SECTION:</b>	0001	BID ITEMS						
0070	202-00810 Removal of Ground Sign	9.000	90.00000	130.00000 EACH	810.00	1,170.00	144.44%	360.00
0075	202-00821 Removal of Sign Panel	11.000	60.00000	75.00000 EACH	660.00	825.00	125.00%	165.00
0080	202-00828 Removal of Traffic Signal Equipment	1.000	6,000.00000	9,000.00000 L S	6,000.00	9,000.00	150.00%	3,000.00
0085	202-00831 Removal of Traffic Signal Head	6.000	150.00000	200.00000 EACH	900.00	1,200.00	133.33%	300.00
0090	202-00860 Removal of Pedestrian Push Button	2.000	50.00000	60.00000 EACH	100.00	120.00	120.00%	20.00
0095	202-01130 Removal of Guardrail Type 3	1,012.500	4.00000	13.00000 LF	4,050.00	13,162.50	325.00%	9,112.50
0100	202-01300 Removal of End Anchorage	1.000	260.00000	1,100.00000 EACH	260.00	1,100.00	423.08%	840.00

Colorado Department Of Transportation

Printed On: 08/19/2016

Low Bid Item Analysis

Page 4 of 19

Letting No: 20160728  
 Letting Date: July 28, 2016  
 Letting Time: 10:00 AM

Contract ID: C20467  
 Region: 2  
 Contract Time: 60 WORKING DAYS

Counties: EL PASO  
 Project(s): STU0242-066

Contract Description:

This project consists of an overlay through Manitou Springs along with ADA ramp work. The overlay is split between two sites. Site A starts at MP 0.0 of US24E as it departs US24 west of Manitou Springs and ends at MP 0.62 (roundabout intersection with Serpentine Dr). Site A has one no-work zone from MP 0.035 to 0.096 for the Rainbow Falls bridge rehab project. Site B starts at MP 1.72 and ends at MP 2.67 and includes adjacent Garden of the Gods Place. 30 ADA ramps will be updated in Site B. Class 2 and 3 repairs will be done on the deck of structure I-17-GH located on Garden of the Gods Place. Drainage improvements are included at the intersection of Manitou Ave. and Garden of the Gods Place.

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION:</b>	0001	BID ITEMS						
0105	202-04050 Clean Expansion Joint	83.000	25.00000	70.00000 LF	2,075.00	5,810.00	280.00%	3,735.00
0110	203-00010 Unclassified Excavation (Complete In Place)	30.000	12.00000	100.00000 CY	360.00	3,000.00	833.33%	2,640.00
0115	203-01500 Blading	20.000	160.00000	200.00000 HOUR	3,200.00	4,000.00	125.00%	800.00
0120	203-01510 Backhoe	15.000	150.00000	150.00000 HOUR	2,250.00	2,250.00	100.00%	0.00
0125	203-01594 Combination Loader	10.000	150.00000	110.00000 HOUR	1,500.00	1,100.00	73.33%	-400.00
0130	203-01597 Potholing	40.000	225.00000	300.00000 HOUR	9,000.00	12,000.00	133.33%	3,000.00
0135	203-02330 Laborer	80.000	65.00000	40.00000 HOUR	5,200.00	3,200.00	61.54%	-2,000.00



Colorado Department Of Transportation

Printed On: 08/19/2016

Low Bid Item Analysis

Page 5 of 19

Letting No: 20160728  
 Letting Date: July 28, 2016  
 Letting Time: 10:00 AM

Contract ID: C20467  
 Region: 2  
 Contract Time: 60 WORKING DAYS

Counties: EL PASO  
 Project(s): STU0242-066

Contract Description:

This project consists of an overlay through Manitou Springs along with ADA ramp work. The overlay is split between two sites. Site A starts at MP 0.0 of US24E as it departs US24 west of Manitou Springs and ends at MP 0.62 (roundabout intersection with Serpentine Dr). Site A has one no-work zone from MP 0.035 to 0.096 for the Rainbow Falls bridge rehab project. Site B starts at MP 1.72 and ends at MP 2.67 and includes adjacent Garden of the Gods Place. 30 ADA ramps will be updated in Site B. Class 2 and 3 repairs will be done on the deck of structure I-17-GH located on Garden of the Gods Place. Drainage improvements are included at the intersection of Manitou Ave. and Garden of the Gods Place.

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) / Underrun (-)
<b>SECTION:</b>	0001	BID ITEMS						
0140	207-00205 Topsoil (Imported)	25.000	13.00000	50.00000 CY	325.00	1,250.00	384.62%	925.00
0145	208-00002 Erosion Log Type 1 (12 Inch)	120.000	6.00000	5.00000 LF	720.00	600.00	83.33%	-120.00
0150	208-00021 Silt Fence (Reinforced)	400.000	3.00000	6.00000 LF	1,200.00	2,400.00	200.00%	1,200.00
0155	208-00035 Aggregate Bag (Applied as Storm Drain Inlet Protection Type I)	350.000	10.00000	10.00000 LF	3,500.00	3,500.00	100.00%	0.00
0160	208-00045 Concrete Washout Structure (Portable)	2.000	1,600.00000	2,000.00000 EACH	3,200.00	4,000.00	125.00%	800.00
0165	208-00056 Storm Drain Inlet Protection (Type III) (Sediment Filter Bag)	4.000	1,000.00000	230.00000 EACH	4,000.00	920.00	23.00%	-3,080.00

Colorado Department Of Transportation

Printed On: 08/19/2016

Low Bid Item Analysis

Page 6 of 19

Letting No: 20160728  
 Letting Date: July 28, 2016  
 Letting Time: 10:00 AM

Contract ID: C20467  
 Region: 2  
 Contract Time: 60 WORKING DAYS

Counties: EL PASO  
 Project(s): STU0242-066

Contract Description:

This project consists of an overlay through Manitou Springs along with ADA ramp work. The overlay is split between two sites. Site A starts at MP 0.0 of US24E as it departs US24 west of Manitou Springs and ends at MP 0.62 (roundabout intersection with Serpentine Dr). Site A has one no-work zone from MP 0.035 to 0.096 for the Rainbow Falls bridge rehab project. Site B starts at MP 1.72 and ends at MP 2.67 and includes adjacent Garden of the Gods Place. 30 ADA ramps will be updated in Site B. Class 2 and 3 repairs will be done on the deck of structure I-17-GH located on Garden of the Gods Place. Drainage improvements are included at the intersection of Manitou Ave. and Garden of the Gods Place.

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION:</b>	0001	BID ITEMS						
0170	208-00070 Vehicle Tracking Pad	1.000	3,000.00000	2,000.00000 EACH	3,000.00	2,000.00	66.67%	-1,000.00
0175	208-00071 Maintenance Aggregate (Vehicle Tracking Pad)	3.000	50.00000	100.00000 CY	150.00	300.00	200.00%	150.00
0180	208-00103 Removal and Disposal of Sediment (Labor)	40.000	60.00000	90.00000 HOUR	2,400.00	3,600.00	150.00%	1,200.00
0185	208-00105 Removal and Disposal of Sediment (Equipment)	40.000	120.00000	150.00000 HOUR	4,800.00	6,000.00	125.00%	1,200.00
0190	208-00106 Sweeping (Sediment Removal)	40.000	160.00000	170.00000 HOUR	6,400.00	6,800.00	106.25%	400.00
0195	208-00107 Removal of Trash	80.000	100.00000	85.00000 HOUR	8,000.00	6,800.00	85.00%	-1,200.00
0200	208-00207 Erosion Control Management	60.000	240.00000	50.00000 DAY	14,400.00	3,000.00	20.83%	-11,400.00

Colorado Department Of Transportation

Printed On: 08/19/2016

Low Bid Item Analysis

Page 7 of 19

Letting No: 20160728  
 Letting Date: July 28, 2016  
 Letting Time: 10:00 AM

Contract ID: C20467  
 Region: 2  
 Contract Time: 60 WORKING DAYS

Counties: EL PASO  
 Project(s): STU0242-066

Contract Description:

This project consists of an overlay through Manitou Springs along with ADA ramp work. The overlay is split between two sites. Site A starts at MP 0.0 of US24E as it departs US24 west of Manitou Springs and ends at MP 0.62 (roundabout intersection with Serpentine Dr). Site A has one no-work zone from MP 0.035 to 0.096 for the Rainbow Falls bridge rehab project. Site B starts at MP 1.72 and ends at MP 2.67 and includes adjacent Garden of the Gods Place. 30 ADA ramps will be updated in Site B. Class 2 and 3 repairs will be done on the deck of structure I-17-GH located on Garden of the Gods Place. Drainage improvements are included at the intersection of Manitou Ave. and Garden of the Gods Place.

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION:</b>	0001	BID ITEMS						
0205	210-00425 Reset Bridge Railing	15.000	100.00000	25.00000 LF	1,500.00	375.00	25.00%	-1,125.00
0210	210-00810 Reset Ground Sign	8.000	300.00000	400.00000 EACH	2,400.00	3,200.00	133.33%	800.00
0215	210-00815 Reset Sign Panel	3.000	180.00000	170.00000 EACH	540.00	510.00	94.44%	-30.00
0220	210-00827 Reset Pull Box	3.000	750.00000	90.00000 EACH	2,250.00	270.00	12.00%	-1,980.00
0225	210-00831 Reset Traffic Signal Head	3.000	1,500.00000	400.00000 EACH	4,500.00	1,200.00	26.67%	-3,300.00
0230	210-04010 Adjust Manhole	29.000	1,000.00000	1,050.00000 EACH	29,000.00	30,450.00	105.00%	1,450.00
0235	210-04020 Modify Inlet	5.000	2,000.00000	1,800.00000 EACH	10,000.00	9,000.00	90.00%	-1,000.00

Colorado Department Of Transportation

Printed On: 08/19/2016

Low Bid Item Analysis

Page 8 of 19

Letting No: 20160728  
 Letting Date: July 28, 2016  
 Letting Time: 10:00 AM

Contract ID: C20467  
 Region: 2  
 Contract Time: 60 WORKING DAYS

Counties: EL PASO  
 Project(s): STU0242-066

Contract Description:

This project consists of an overlay through Manitou Springs along with ADA ramp work. The overlay is split between two sites. Site A starts at MP 0.0 of US24E as it departs US24 west of Manitou Springs and ends at MP 0.62 (roundabout intersection with Serpentine Dr). Site A has one no-work zone from MP 0.035 to 0.096 for the Rainbow Falls bridge rehab project. Site B starts at MP 1.72 and ends at MP 2.67 and includes adjacent Garden of the Gods Place. 30 ADA ramps will be updated in Site B. Class 2 and 3 repairs will be done on the deck of structure I-17-GH located on Garden of the Gods Place. Drainage improvements are included at the intersection of Manitou Ave. and Garden of the Gods Place.

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) / Underrun (-)
<b>SECTION:</b>	0001	BID ITEMS						
0240	210-04050 Adjust Valve Box	10.000	600.00000	300.00000 EACH	6,000.00	3,000.00	50.00%	-3,000.00
0245	212-00006 Seeding (Native)	0.070	1,091.00000	17,000.00000 ACRE	76.37	1,190.00	1558.20%	1,113.63
0250	212-00050 Sod	666.000	1.10000	2.00000 SF	732.60	1,332.00	181.82%	599.40
0255	216-00201 Soil Retention Blanket (Straw-Coconut) (Biodegradable Class 1)	227.000	3.00000	4.00000 SY	681.00	908.00	133.33%	227.00
0260	216-00301 Turf Reinforcement Mat (Class 1)	117.000	10.00000	8.00000 SY	1,170.00	936.00	80.00%	-234.00
0265	304-09014 Aggregate Base Course (Special)	199.000	30.00000	30.00000 TON	5,970.00	5,970.00	100.00%	0.00

Colorado Department Of Transportation

Printed On: 08/19/2016

Low Bid Item Analysis

Page 9 of 19

Letting No: 20160728  
 Letting Date: July 28, 2016  
 Letting Time: 10:00 AM

Contract ID: C20467  
 Region: 2  
 Contract Time: 60 WORKING DAYS

Counties: EL PASO  
 Project(s): STU0242-066

Contract Description:

This project consists of an overlay through Manitou Springs along with ADA ramp work. The overlay is split between two sites. Site A starts at MP 0.0 of US24E as it departs US24 west of Manitou Springs and ends at MP 0.62 (roundabout intersection with Serpentine Dr). Site A has one no-work zone from MP 0.035 to 0.096 for the Rainbow Falls bridge rehab project. Site B starts at MP 1.72 and ends at MP 2.67 and includes adjacent Garden of the Gods Place. 30 ADA ramps will be updated in Site B. Class 2 and 3 repairs will be done on the deck of structure I-17-GH located on Garden of the Gods Place. Drainage improvements are included at the intersection of Manitou Ave. and Garden of the Gods Place.

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) / Underrun (-)
<b>SECTION:</b>	0001	BID ITEMS						
0270	403-00721 Hot Mix Asphalt (Patching) (Asphalt)	595.000	57.00000	150.00000 SY	33,915.00	89,250.00	263.16%	55,335.00
0275	403-34751 Hot Mix Asphalt (Grading SX) (75) (PG 64-28)	6,548.000	100.00000	120.00000 TON	654,800.00	785,760.00	120.00%	130,960.00
0280	411-10255 Emulsified Asphalt (Slow-Setting)	2,700.000	5.50000	3.00000 GAL	14,850.00	8,100.00	54.55%	-6,750.00
0285	412-00600 Concrete Pavement (6 Inch)	28.000	65.00000	120.00000 SY	1,820.00	3,360.00	184.62%	1,540.00
0290	503-00018 Drilled Caisson (18 Inch)	4.000	300.00000	500.00000 LF	1,200.00	2,000.00	166.67%	800.00
0295	506-00030 Grouted Riprap	160.000	141.00000	170.00000 CY	22,560.00	27,200.00	120.57%	4,640.00
0300	506-00036 Grouted Riprap (36 Inch) (Special)	18.000	300.00000	300.00000 CY	5,400.00	5,400.00	100.00%	0.00

Colorado Department Of Transportation

Printed On: 08/19/2016

Low Bid Item Analysis

Page 10 of 19

Letting No: 20160728  
 Letting Date: July 28, 2016  
 Letting Time: 10:00 AM

Contract ID: C20467  
 Region: 2  
 Contract Time: 60 WORKING DAYS

Counties: EL PASO  
 Project(s): STU0242-066

Contract Description:

This project consists of an overlay through Manitou Springs along with ADA ramp work. The overlay is split between two sites. Site A starts at MP 0.0 of US24E as it departs US24 west of Manitou Springs and ends at MP 0.62 (roundabout intersection with Serpentine Dr). Site A has one no-work zone from MP 0.035 to 0.096 for the Rainbow Falls bridge rehab project. Site B starts at MP 1.72 and ends at MP 2.67 and includes adjacent Garden of the Gods Place. 30 ADA ramps will be updated in Site B. Class 2 and 3 repairs will be done on the deck of structure I-17-GH located on Garden of the Gods Place. Drainage improvements are included at the intersection of Manitou Ave. and Garden of the Gods Place.

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) / Underrun (-)
<b>SECTION:</b>	0001	BID ITEMS						
0305	506-00424 Soil Riprap (24 Inch)	102.000	125.00000	160.00000 CY	12,750.00	16,320.00	128.00%	3,570.00
0310	601-03041 Concrete Class D (Bridge) (Special)	14.000	1,300.00000	720.00000 CY	18,200.00	10,080.00	55.38%	-8,120.00
0315	601-03050 Concrete Class D (Wall)	2.000	624.00000	600.00000 CY	1,248.00	1,200.00	96.15%	-48.00
0320	601-06100 Concrete (Patching)	0.100	2,500.00000	6,000.00000 CY	250.00	600.00	240.00%	350.00
0325	601-51005 Galvanic Anodes	680.000	50.00000	24.00000 EACH	34,000.00	16,320.00	48.00%	-17,680.00
0330	602-00000 Reinforcing Steel	353.000	1.00000	4.00000 LB	353.00	1,412.00	400.00%	1,059.00

Colorado Department Of Transportation

Printed On: 08/19/2016

Low Bid Item Analysis

Page 11 of 19

Letting No: 20160728  
 Letting Date: July 28, 2016  
 Letting Time: 10:00 AM

Contract ID: C20467  
 Region: 2  
 Contract Time: 60 WORKING DAYS

Counties: EL PASO  
 Project(s): STU0242-066

Contract Description:

This project consists of an overlay through Manitou Springs along with ADA ramp work. The overlay is split between two sites. Site A starts at MP 0.0 of US24E as it departs US24 west of Manitou Springs and ends at MP 0.62 (roundabout intersection with Serpentine Dr). Site A has one no-work zone from MP 0.035 to 0.096 for the Rainbow Falls bridge rehab project. Site B starts at MP 1.72 and ends at MP 2.67 and includes adjacent Garden of the Gods Place. 30 ADA ramps will be updated in Site B. Class 2 and 3 repairs will be done on the deck of structure I-17-GH located on Garden of the Gods Place. Drainage improvements are included at the intersection of Manitou Ave. and Garden of the Gods Place.

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) / Underrun (-)
<b>SECTION:</b>	0001	BID ITEMS						
0335	603-01185 18 Inch Reinforced Concrete Pipe (Complete In Place)	107.000	70.00000	250.00000 LF	7,490.00	26,750.00	357.14%	19,260.00
0340	603-01215 21 Inch Reinforced Concrete Pipe (Complete In Place)	48.000	90.00000	265.00000 LF	4,320.00	12,720.00	294.44%	8,400.00
0345	603-01305 30 Inch Reinforced Concrete Pipe (Complete In Place)	75.000	180.00000	280.00000 LF	13,500.00	21,000.00	155.56%	7,500.00
0350	603-02245 30x19 Inch Reinforced Concrete Pipe Elliptical (Complete In Place)	94.000	200.00000	320.00000 LF	18,800.00	30,080.00	160.00%	11,280.00
0355	603-05030 30 Inch Reinforced Concrete End Section	1.000	2,135.00000	2,500.00000 EACH	2,135.00	2,500.00	117.10%	365.00

Colorado Department Of Transportation

Printed On: 08/19/2016

Low Bid Item Analysis

Page 12 of 19

Letting No: 20160728  
 Letting Date: July 28, 2016  
 Letting Time: 10:00 AM

Contract ID: C20467  
 Region: 2  
 Contract Time: 60 WORKING DAYS

Counties: EL PASO  
 Project(s): STU0242-066

Contract Description:

This project consists of an overlay through Manitou Springs along with ADA ramp work. The overlay is split between two sites. Site A starts at MP 0.0 of US24E as it departs US24 west of Manitou Springs and ends at MP 0.62 (roundabout intersection with Serpentine Dr). Site A has one no-work zone from MP 0.035 to 0.096 for the Rainbow Falls bridge rehab project. Site B starts at MP 1.72 and ends at MP 2.67 and includes adjacent Garden of the Gods Place. 30 ADA ramps will be updated in Site B. Class 2 and 3 repairs will be done on the deck of structure I-17-GH located on Garden of the Gods Place. Drainage improvements are included at the intersection of Manitou Ave. and Garden of the Gods Place.

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) / Underrun (-)
<b>SECTION:</b>	0001	BID ITEMS						
0360	604-00305 Inlet Type C (5 Foot)	1.000	3,272.00000	5,000.00000 EACH	3,272.00	5,000.00	152.81%	1,728.00
0365	604-16010 Inlet Type 16 (10 Foot)	2.000	4,752.00000	6,500.00000 EACH	9,504.00	13,000.00	136.78%	3,496.00
0370	604-16610 Inlet Type 16 (Triple) (10 Foot)	2.000	8,580.00000	8,000.00000 EACH	17,160.00	16,000.00	93.24%	-1,160.00
0375	604-19310 Inlet Type R L 15 (10 Foot)	1.000	9,090.00000	13,000.00000 EACH	9,090.00	13,000.00	143.01%	3,910.00
0380	604-30010 Manhole Slab Base (10 Foot)	1.000	5,316.00000	7,500.00000 EACH	5,316.00	7,500.00	141.08%	2,184.00
0385	604-30015 Manhole Slab Base (15 Foot)	1.000	8,219.00000	10,000.00000 EACH	8,219.00	10,000.00	121.67%	1,781.00
0390	606-00301 Guardrail Type 3 (6-3 Post Spacing)	1,162.500	30.00000	37.00000 LF	34,875.00	43,012.50	123.33%	8,137.50



Colorado Department Of Transportation

Printed On: 08/19/2016

Low Bid Item Analysis

Page 13 of 19

Letting No: 20160728  
 Letting Date: July 28, 2016  
 Letting Time: 10:00 AM

Contract ID: C20467  
 Region: 2  
 Contract Time: 60 WORKING DAYS

Counties: EL PASO  
 Project(s): STU0242-066

Contract Description:

This project consists of an overlay through Manitou Springs along with ADA ramp work. The overlay is split between two sites. Site A starts at MP 0.0 of US24E as it departs US24 west of Manitou Springs and ends at MP 0.62 (roundabout intersection with Serpentine Dr). Site A has one no-work zone from MP 0.035 to 0.096 for the Rainbow Falls bridge rehab project. Site B starts at MP 1.72 and ends at MP 2.67 and includes adjacent Garden of the Gods Place. 30 ADA ramps will be updated in Site B. Class 2 and 3 repairs will be done on the deck of structure I-17-GH located on Garden of the Gods Place. Drainage improvements are included at the intersection of Manitou Ave. and Garden of the Gods Place.

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) / Underrun (-)
<b>SECTION:</b>	0001	BID ITEMS						
0395	606-01340 End Anchorage Type 3D	2.000	1,500.00000	1,700.00000 EACH	3,000.00	3,400.00	113.33%	400.00
0400	606-01370 Transition Type 3G	2.000	1,900.00000	2,700.00000 EACH	3,800.00	5,400.00	142.11%	1,600.00
0405	606-01385 Transition Type 3J	1.000	2,000.00000	2,800.00000 EACH	2,000.00	2,800.00	140.00%	800.00
0410	606-02003 End Anchorage (Nonflared)	1.000	2,800.00000	3,500.00000 EACH	2,800.00	3,500.00	125.00%	700.00
0415	608-00000 Concrete Sidewalk	258.000	40.00000	120.00000 SY	10,320.00	30,960.00	300.00%	20,640.00
0420	608-00010 Concrete Curb Ramp	170.000	155.00000	320.00000 SY	26,350.00	54,400.00	206.45%	28,050.00
0425	608-00012 Curb Ramp (Special)	131.000	115.00000	320.00000 SY	15,065.00	41,920.00	278.26%	26,855.00

Colorado Department Of Transportation

Printed On: 08/19/2016

Low Bid Item Analysis

Page 14 of 19

Letting No: 20160728  
 Letting Date: July 28, 2016  
 Letting Time: 10:00 AM

Contract ID: C20467  
 Region: 2  
 Contract Time: 60 WORKING DAYS

Counties: EL PASO  
 Project(s): STU0242-066

Contract Description:

This project consists of an overlay through Manitou Springs along with ADA ramp work. The overlay is split between two sites. Site A starts at MP 0.0 of US24E as it departs US24 west of Manitou Springs and ends at MP 0.62 (roundabout intersection with Serpentine Dr). Site A has one no-work zone from MP 0.035 to 0.096 for the Rainbow Falls bridge rehab project. Site B starts at MP 1.72 and ends at MP 2.67 and includes adjacent Garden of the Gods Place. 30 ADA ramps will be updated in Site B. Class 2 and 3 repairs will be done on the deck of structure I-17-GH located on Garden of the Gods Place. Drainage improvements are included at the intersection of Manitou Ave. and Garden of the Gods Place.

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) / Underrun (-)
<b>SECTION:</b>	0001	BID ITEMS						
0430	608-00015 Detectable Warnings	57.000	80.00000	30.00000 SF	4,560.00	1,710.00	37.50%	-2,850.00
0435	609-21010 Curb and Gutter Type 2 (Section I-B)	52.000	25.00000	45.00000 LF	1,300.00	2,340.00	180.00%	1,040.00
0440	609-21020 Curb and Gutter Type 2 (Section II-B)	1,475.000	25.00000	36.00000 LF	36,875.00	53,100.00	144.00%	16,225.00
0445	612-00001 Delineator (Type I)	120.000	27.00000	17.00000 EACH	3,240.00	2,040.00	62.96%	-1,200.00
0450	612-00002 Delineator (Type II)	3.000	28.00000	23.00000 EACH	84.00	69.00	82.14%	-15.00
0455	612-00003 Delineator (Type III)	3.000	31.00000	29.00000 EACH	93.00	87.00	93.55%	-6.00
0460	613-07001 Type One Pull Box	1.000	630.00000	1,300.00000 EACH	630.00	1,300.00	206.35%	670.00

Colorado Department Of Transportation

Printed On: 08/19/2016

Low Bid Item Analysis

Page 15 of 19

Letting No: 20160728  
 Letting Date: July 28, 2016  
 Letting Time: 10:00 AM

Contract ID: C20467  
 Region: 2  
 Contract Time: 60 WORKING DAYS

Counties: EL PASO  
 Project(s): STU0242-066

Contract Description:

This project consists of an overlay through Manitou Springs along with ADA ramp work. The overlay is split between two sites. Site A starts at MP 0.0 of US24E as it departs US24 west of Manitou Springs and ends at MP 0.62 (roundabout intersection with Serpentine Dr). Site A has one no-work zone from MP 0.035 to 0.096 for the Rainbow Falls bridge rehab project. Site B starts at MP 1.72 and ends at MP 2.67 and includes adjacent Garden of the Gods Place. 30 ADA ramps will be updated in Site B. Class 2 and 3 repairs will be done on the deck of structure I-17-GH located on Garden of the Gods Place. Drainage improvements are included at the intersection of Manitou Ave. and Garden of the Gods Place.

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION:</b>	0001	BID ITEMS						
0465	613-10000 Wiring	1.000	20,000.00000	6,000.00000 L S	20,000.00	6,000.00	30.00%	-14,000.00
0470	614-00011 Sign Panel (Class I)	128.000	22.00000	22.00000 SF	2,816.00	2,816.00	100.00%	0.00
0475	614-00012 Sign Panel (Class II)	34.000	23.00000	28.00000 SF	782.00	952.00	121.74%	170.00
0480	614-01503 Steel Sign Support (2-Inch Round)(Post and Socket)	2.000	190.00000	210.00000 EACH	380.00	420.00	110.53%	40.00
0485	614-01573 Steel Sign Support (2-1/2 Inch Round NP-40)(Post & Slipbase)	4.000	370.00000	450.00000 EACH	1,480.00	1,800.00	121.62%	320.00
0490	614-72858 Pedestal Pole (3 Foot 6 Inch)	1.000	1,700.00000	1,700.00000 EACH	1,700.00	1,700.00	100.00%	0.00

Colorado Department Of Transportation

Printed On: 08/19/2016

Low Bid Item Analysis

Page 16 of 19

Letting No: 20160728  
 Letting Date: July 28, 2016  
 Letting Time: 10:00 AM

Contract ID: C20467  
 Region: 2  
 Contract Time: 60 WORKING DAYS

Counties: EL PASO  
 Project(s): STU0242-066

Contract Description:

This project consists of an overlay through Manitou Springs along with ADA ramp work. The overlay is split between two sites. Site A starts at MP 0.0 of US24E as it departs US24 west of Manitou Springs and ends at MP 0.62 (roundabout intersection with Serpentine Dr). Site A has one no-work zone from MP 0.035 to 0.096 for the Rainbow Falls bridge rehab project. Site B starts at MP 1.72 and ends at MP 2.67 and includes adjacent Garden of the Gods Place. 30 ADA ramps will be updated in Site B. Class 2 and 3 repairs will be done on the deck of structure I-17-GH located on Garden of the Gods Place. Drainage improvements are included at the intersection of Manitou Ave. and Garden of the Gods Place.

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) / Underrun (-)
<b>SECTION:</b>	0001	BID ITEMS						
0495	614-72860 Pedestrian Push Button	1.000	850.00000	850.00000 EACH	850.00	850.00	100.00%	0.00
0500	620-00002 Field Office (Class 2)	1.000	25,000.00000	12,000.00000 EACH	25,000.00	12,000.00	48.00%	-13,000.00
0505	620-00012 Field Laboratory (Class 2)	1.000	25,000.00000	10,000.00000 EACH	25,000.00	10,000.00	40.00%	-15,000.00
0510	620-00020 Sanitary Facility	1.000	2,200.00000	500.00000 EACH	2,200.00	500.00	22.73%	-1,700.00
0515	625-00000 Construction Surveying	1.000	50,000.00000	30,000.00000 L S	50,000.00	30,000.00	60.00%	-20,000.00
0520	626-00000 Mobilization	1.000	289,890.33000	228,000.00000 L S	289,890.33	228,000.00	78.65%	-61,890.33
0525	627-00009 Modified Epoxy Pavement Marking(Inlaid)	195.000	200.00000	155.00000 GAL	39,000.00	30,225.00	77.50%	-8,775.00

Colorado Department Of Transportation

Printed On: 08/19/2016

Low Bid Item Analysis

Page 17 of 19

Letting No: 20160728  
 Letting Date: July 28, 2016  
 Letting Time: 10:00 AM

Contract ID: C20467  
 Region: 2  
 Contract Time: 60 WORKING DAYS

Counties: EL PASO  
 Project(s): STU0242-066

Contract Description:

This project consists of an overlay through Manitou Springs along with ADA ramp work. The overlay is split between two sites. Site A starts at MP 0.0 of US24E as it departs US24 west of Manitou Springs and ends at MP 0.62 (roundabout intersection with Serpentine Dr). Site A has one no-work zone from MP 0.035 to 0.096 for the Rainbow Falls bridge rehab project. Site B starts at MP 1.72 and ends at MP 2.67 and includes adjacent Garden of the Gods Place. 30 ADA ramps will be updated in Site B. Class 2 and 3 repairs will be done on the deck of structure I-17-GH located on Garden of the Gods Place. Drainage improvements are included at the intersection of Manitou Ave. and Garden of the Gods Place.

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) / Underrun (-)
<b>SECTION:</b>	0001	BID ITEMS						
0530	627-00012 Pavement Marking Paint (Low VOC Solvent Base)	314.000	50.00000	46.00000 GAL	15,700.00	14,444.00	92.00%	-1,256.00
0535	627-30405 Preformed Thermoplastic Pavement Marking (Word-Symbol)	955.000	20.00000	23.00000 SF	19,100.00	21,965.00	115.00%	2,865.00
0540	627-30410 Preformed Thermoplastic Pavement Marking (Xwalk-Stop Line)	2,580.000	15.00000	17.00000 SF	38,700.00	43,860.00	113.33%	5,160.00
0545	630-00000 Flagging	2,400.000	26.00000	24.00000 HOUR	62,400.00	57,600.00	92.31%	-4,800.00
0550	630-00007 Traffic Control Inspection	32.000	220.00000	180.00000 DAY	7,040.00	5,760.00	81.82%	-1,280.00
0555	630-00012 Traffic Control Management	60.000	800.00000	650.00000 DAY	48,000.00	39,000.00	81.25%	-9,000.00

Colorado Department Of Transportation

Printed On: 08/19/2016

Low Bid Item Analysis

Page 18 of 19

Letting No: 20160728  
 Letting Date: July 28, 2016  
 Letting Time: 10:00 AM

Contract ID: C20467  
 Region: 2  
 Contract Time: 60 WORKING DAYS

Counties: EL PASO  
 Project(s): STU0242-066

Contract Description:

This project consists of an overlay through Manitou Springs along with ADA ramp work. The overlay is split between two sites. Site A starts at MP 0.0 of US24E as it departs US24 west of Manitou Springs and ends at MP 0.62 (roundabout intersection with Serpentine Dr). Site A has one no-work zone from MP 0.035 to 0.096 for the Rainbow Falls bridge rehab project. Site B starts at MP 1.72 and ends at MP 2.67 and includes adjacent Garden of the Gods Place. 30 ADA ramps will be updated in Site B. Class 2 and 3 repairs will be done on the deck of structure I-17-GH located on Garden of the Gods Place. Drainage improvements are included at the intersection of Manitou Ave. and Garden of the Gods Place.

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) / Underrun (-)
<b>SECTION:</b>	0001	BID ITEMS						
0560	630-80002 Flashing Beacon (Solar)	20.000	900.00000	1,200.00000 EACH	18,000.00	24,000.00	133.33%	6,000.00
0565	630-80341 Construction Traffic Sign (Panel Size A)	216.000	50.00000	35.00000 EACH	10,800.00	7,560.00	70.00%	-3,240.00
0570	630-80342 Construction Traffic Sign (Panel Size B)	79.000	65.00000	35.00000 EACH	5,135.00	2,765.00	53.85%	-2,370.00
0575	630-80343 Construction Traffic Sign (Panel Size C)	2.000	75.00000	40.00000 EACH	150.00	80.00	53.33%	-70.00
0580	630-80355 Portable Message Sign Panel	3.000	5,000.00000	7,000.00000 EACH	15,000.00	21,000.00	140.00%	6,000.00
0585	630-80360 Drum Channelizing Device	200.000	35.00000	35.00000 EACH	7,000.00	7,000.00	100.00%	0.00

Colorado Department Of Transportation

Printed On: 08/19/2016

Low Bid Item Analysis

Page 19 of 19

Letting No: 20160728  
 Letting Date: July 28, 2016  
 Letting Time: 10:00 AM

Contract ID: C20467  
 Region: 2  
 Contract Time: 60 WORKING DAYS

Counties: EL PASO  
 Project(s): STU0242-066

Contract Description:

This project consists of an overlay through Manitou Springs along with ADA ramp work. The overlay is split between two sites. Site A starts at MP 0.0 of US24E as it departs US24 west of Manitou Springs and ends at MP 0.62 (roundabout intersection with Serpentine Dr). Site A has one no-work zone from MP 0.035 to 0.096 for the Rainbow Falls bridge rehab project. Site B starts at MP 1.72 and ends at MP 2.67 and includes adjacent Garden of the Gods Place. 30 ADA ramps will be updated in Site B. Class 2 and 3 repairs will be done on the deck of structure I-17-GH located on Garden of the Gods Place. Drainage improvements are included at the intersection of Manitou Ave. and Garden of the Gods Place.

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) / Underrun (-)
<b>SECTION:</b>	0001	BID ITEMS						
0590	630-80363 Drum Channelizing Device (With Light) (Flashing)	5.000	45.00000	40.00000 EACH	225.00	200.00	88.89%	-25.00
0595	630-80364 Drum Channelizing Device (With Light) (Steady Burn)	30.000	35.00000	40.00000 EACH	1,050.00	1,200.00	114.29%	150.00
0600	630-80380 Traffic Cone	215.000	10.00000	5.00000 EACH	2,150.00	1,075.00	50.00%	-1,075.00
0605	630-85041 Mobile Attenuator	10.000	400.00000	700.00000 DAY	4,000.00	7,000.00	175.00%	3,000.00
<b>Section 0001 Subtotal</b>					\$2,200,000.00	\$2,448,764.50	111.31%	\$248,764.50
<b>Contract Total for Calculated Low Bidders Bid Items</b>					<b>\$2,200,000.00</b>	<b>\$2,448,764.50</b>	<b>111.31%</b>	<b>\$248,764.50</b>