# Colorado Department Of Transportation Low Bid Summary

**04/15/2021**Page 1 of 1

Printed On:

Letting Date: April 15, 2021

Call Order	Contract ID	Project(s)	# of Bids	Low Bidder	Estimated Cost	Corrected Bid	Percent of Estimate	Overrun (+) Underrun (-)
001	C21795	NHPP006A-063	1	APC CONSTRUCTION CO., LLC	\$11,762,536.75	\$11,566,137.70	98.33%	-\$196,399.05
Letti	ng Totals		1		\$11,762,536.75	\$11,566,137.70	98.33%	-\$196,399.05

#### Vendor Ranking

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Contract ID: C21795

Contract Description: US-6, SH-119 TO SH-58

This project proposes to add 4' shoulders (widening) to have a consistent 4' wide shoulder throughout the project limits. This project will also mill/overlay 2.5" of the existing roadway. Safety improvements include: removal/install of existing Type 3 Guardrail (MGS), new Type 3 Guardrail (MGS), rumble strips, and signing/striping. Other aspects include culvert improvements, rock excavation, CBC headwall/wingwall improvements.

A mandatory pre bid conference will be held on 4/5/2021 beginning at 10:00 a.m. via Google Meet at the following web address: meet.google.com/rpj-orhh-guw or by phone at: +1 929-277-6733? PIN: ?540 322 062?#. 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
1	637A	APC CONSTRUCTION CO., LLC	\$11,566,137.70	100.00%	98.33%
0	-EST-	Engineer's Estimate	\$11,762,536.75	101.70%	100.00%

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Printed On:

				(0) -EST Engineer's Es		(1) 637 APC CONSTR CO., LL	UCTION		
Item Code	Description	Quan	tity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 ROADWAY						LCC:		
201-00000	Clearing and Grubbing	1.000	LS	30,000.00000	30,000.00	43,800.00000	43,800.00		
202-00015	Removal of Headwall	17.000	EACH	1,250.00000	21,250.00	2,160.00000	36,720.00		
202-00035	Removal of Pipe	20.000	LF	61.00000	1,220.00	107.89000	2,157.80		
202-00090	Removal of Delineator	50.000	EACH	10.00000	500.00	4.32000	216.00		
202-00220	Removal of Asphalt Mat	20,505.000	SY	7.50000	153,787.50	6.93000	142,099.65		
202-00240	Removal of Asphalt Mat (Planing)	196,280.000	SY	3.00000	588,840.00	2.37000	465,183.60		
202-00426	Removal of Bridge Railing (Special)	23.000	LF	20.00000	460.00	55.00000	1,265.00		
202-00503	Removal of Portions of Present Structure	12.000	SY	5,000.00000	60,000.00	1,310.00000	15,720.00		
202-00505	Removal of Portions of Present Structure	80.000	SF	250.00000	20,000.00	148.89000	11,911.20		
202-00810	Removal of Ground Sign	93.000	EACH	90.00000	8,370.00	73.37000	6,823.41		
202-00821	Removal of Sign Panel	7.000	EACH	50.00000	350.00	32.37000	226.59		
202-00827	Removal of Pull Box	7.000	EACH	255.00000	1,785.00	399.21000	2,794.47		
202-01130	Removal of Guardrail Type 3	22,368.000	LF	5.00000	111,840.00	3.24000	72,472.32		
202-01300	Removal of End Anchorage	92.000	EACH	350.00000	32,200.00	350.65000	32,259.80		
202-04002	Clean Culvert	127.000	EACH	1,800.00000	228,600.00	3,025.00000	384,175.00		
203-00010	Unclassified Excavation (Complete In Place)	7,198.000	CY	25.00000	179,950.00	50.85000	366,018.30		

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				(0) -EST- Engineer's Estimate		(1) 637A APC CONSTRUCTION CO., LLC			
Item Code	Description	Qua	ntity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 ROADWAY						LCC:		
203-00050	Unsuitable Material	1,000.000	CY	30.00000	30,000.00	45.32000	45,320.00		
203-00440	Rock Excavation (Special)	36.000	CY	80.00000	2,880.00	1,078.93000	38,841.48		
203-00592	Rock Staining	906.000	SF	6.00000	5,436.00	110.00000	99,660.00		
203-01100	Proof Rolling	80.000	HOUR	100.00000	8,000.00	161.84000	12,947.20		
203-01597	Potholing	300.000	HOUR	250.00000	75,000.00	409.99000	122,997.00		
203-02300	Rock Scaler	56.000	HOUR	300.00000	16,800.00	78.76000	4,410.56		
206-00000	Structure Excavation	95.000	CY	50.00000	4,750.00	99.26000	9,429.70		
206-00065	Structure Backfill (Flow-Fill)	481.000	CY	265.00000	127,465.00	242.76000	116,767.56		
206-00100	Structure Backfill (Class 1)	70.000	CY	50.00000	3,500.00	168.31000	11,781.70		
206-01781	Shoring (Area 1)	1.000	LS	10,000.00000	10,000.00	19,420.81000	19,420.81		
206-01782	Shoring (Area 2)	1.000	LS	10,000.00000	10,000.00	19,420.81000	19,420.81		
207-00210	Stockpile Topsoil	1,882.000	CY	10.00000	18,820.00	17.26000	32,483.32		
207-00700	Topsoil (Onsite)	1,882.000	CY	15.00000	28,230.00	34.53000	64,985.46		
208-00002	Erosion Log Type 1 (12 Inch)	36,455.000	LF	5.50000	200,502.50	3.45000	125,769.75		
208-00013	Erosion Log Type 1 (20 Inch)	10,963.000	LF	8.00000	87,704.00	5.75000	63,037.25		
208-00035	Aggregate Bag	950.000	LF	7.00000	6,650.00	4.62000	4,389.00		

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			(0) -EST- Engineer's Estimate		(1) 637A APC CONSTRUCTION CO., LLC			
Item Code	Description	Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 ROADWAY					LCC:		
208-00046	Pre-fabricated Concrete Washout Structure (Type 1)	2.000 EACH	2,750.00000	5,500.00	3,776.27000	7,552.54		
208-00070	Vehicle Tracking Pad	1.000 EACH	4,000.00000	4,000.00	2,531.18000	2,531.18		
208-00071	Maintenance Aggregate (Vehicle Tracking Pad)	18.000 CY	80.00000	1,440.00	144.10000	2,593.80		
208-00075	Pre-fabricated Vehicle Tracking Pad	2.000 EACH	2,500.00000	5,000.00	2,540.89000	5,081.78		
208-00103	Removal and Disposal of Sediment (Labor)	20.000 HOUR	55.00000	1,100.00	92.03000	1,840.60		
208-00105	Removal and Disposal of Sediment (Equipment)	20.000 HOUR	100.00000	2,000.00	202.41000	4,048.20		
208-00106	Sweeping (Sediment Removal)	60.000 HOUR	150.00000	9,000.00	176.92000	10,615.20		
208-00107	Removal of Trash	30.000 HOUR	75.00000	2,250.00	79.84000	2,395.20		
208-00207	Erosion Control Management	85.000 DAY	240.00000	20,400.00	270.11000	22,959.35		
210-00090	Reset Delineator	675.000 EACH	30.00000	20,250.00	22.66000	15,295.50		
210-00815	Reset Sign Panel	13.000 EACH	300.00000	3,900.00	49.63000	645.19		
211-01115	Rock Reinforcement (Number 10)	350.000 LF	125.00000	43,750.00	154.29000	54,001.50		
212-00702	Biotic Soil Amendments (Hydraulically Applied)	9,800.000 LB	2.00000	19,600.00	0.97000	9,506.00		
212-00703	Humate	560.000 LB	1.00000	560.00	1.11000	621.60		
212-00704	Mycorrhizae	56.000 LB	12.00000	672.00	20.31000	1,137.36		

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Item Code	Description	Quan	tity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 ROADWAY						LCC:		
212-00705	Elemental Sulfur	168.000	LB	1.00000	168.00	2.05000	344.40		
212-00707	Seeding (Native) Hydraulic	3.000	ACRE	1,000.00000	3,000.00	1,222.79000	3,668.37		
213-00011	Mulching (Hydraulic)	4.000	ACRE	1,050.00000	4,200.00	1,183.05000	4,732.20		
213-00061	Mulch Tackifier	1,260.000	LB	4.00000	5,040.00	2.66000	3,351.60		
216-00201	Soil Retention Blanket (Straw-Coconut) (Biodegradable Class 1)	250.000	SY	5.00000	1,250.00	4.07000	1,017.50		
217-00020	Herbicide Treatment	20.000	HOUR	190.00000	3,800.00	107.89000	2,157.80		
240-00000	Wildlife Biologist	80.000	HOUR	100.00000	8,000.00	91.71000	7,336.80		
240-00010	Removal of Nests	60.000	HOUR	125.00000	7,500.00	91.71000	5,502.60		
304-06000	Aggregate Base Course (Class 6)	13,690.000	TON	20.00000	273,800.00	44.50000	609,205.00		
403-00720	Hot Mix Asphalt (Patching) (Asphalt)	7,894.000	TON	190.00000	1,499,860. 00		834,395.80		
403-00722	Hot Mix Asphalt (Patching)(Asphalt)(Special)	5,280.000	LF	8.00000	42,240.00	14.45000	76,296.00		
403-34871	Hot Mix Asphalt (Grading SX) (100) (PG 76-28)	34,528.000	TON	84.00000	2,900,352. 00	66.55000	2,297,838. 40		
411-10255	Emulsified Asphalt (Slow-Setting)	13,146.000	GAL	3.50000	46,011.00	7.40000	97,280.40		
420-00113	Geotextile (Drainage) (Class 2)	89.000	SY	12.00000	1,068.00	23.74000	2,112.86		
503-00018	Drilled Shaft (18 Inch)	15.000	LF	171.00000	2,565.00	404.60000	6,069.00		

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Item Code	Description	Quant	ity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 ROADWAY						LCC:		
503-00024	Drilled Shaft (24 Inch)	14.000	LF	200.00000	2,800.00	458.55000	6,419.70		
506-00209	Riprap (9 Inch)	21.000	CY	200.00000	4,200.00	228.73000	4,803.33		
601-01050	Concrete Class B (Wall)	23.000	CY	1,350.00000	31,050.00	3,630.61000	83,504.03		
601-03030	Concrete Class D (Box Culvert)	34.000	CY	1,100.00000	37,400.00	1,391.82000	47,321.88		
601-06102	Concrete (Patching)	24.000	CF	400.00000	9,600.00	614.99000	14,759.76		
602-00000	Reinforcing Steel	4,780.000	LB	2.50000	11,950.00	3.56000	17,016.80		
603-00026	Culvert Lining (24 Inch)	374.000	LF	250.00000	93,500.00	381.94000	142,845.56		
603-00048	Culvert Lining (48 Inch)	48.000	LF	350.00000	16,800.00	978.59000	46,972.32		
603-05036	36 Inch Reinforced Concrete End Section	1.000 E	EACH	3,000.00000	3,000.00	4,855.20000	4,855.20		
603-10240	24 Inch Corrugated Steel Pipe	10.000	LF	110.00000	1,100.00	215.79000	2,157.90		
603-10360	36 Inch Corrugated Steel Pipe	10.000	LF	134.00000	1,340.00	269.73000	2,697.30		
604-39000	Manhole Special	7.000 E	EACH	12,000.00000	84,000.00	3,733.11000	26,131.77		
606-00302	Guardrail Type 3 (31 Inch Midwest Guardrail System)	33,100.000	LF	37.00000	1,224,700. 00	29.02000	960,562.00		
606-01370	Transition Type 3G	27.000 E	EACH	3,000.00000	81,000.00	3,074.96000	83,023.92		
606-01400	Transition Type BR10M-GR3	2.000 E	EACH	3,000.00000	6,000.00	3,668.38000	7,336.76		

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Item Code	Description	Quantity	у	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 ROADWAY						LCC:		
606-02003	End Anchorage (Nonflared)	26.000 EA	СН	3,500.00000	91,000.00	3,128.91000	81,351.66		
606-02005	End Anchorage (Flared)	58.000 EA	СН	2,850.00000	165,300.00	3,344.70000	193,992.60		
606-11037	Bridge Rail Type 10R MASH	23.000	LF	325.00000	7,475.00	809.20000	18,611.60		
607-11525	Fence (Plastic)	2,025.000	LF	3.00000	6,075.00	2.22000	4,495.50		
607-60620	Road Closure Gate	2.000 EA	СН	15,000.00000	30,000.00	16,237.96000	32,475.92		
609-21020	Curb and Gutter Type 2 (Section II-B)	4,284.000	LF	50.00000	214,200.00	26.16000	112,069.44		
612-00001	Delineator (Type I)	33.000 EA	СН	30.00000	990.00	20.50000	676.50		
612-00002	Delineator (Type II)	5.000 EA	СН	35.00000	175.00	21.58000	107.90		
612-00003	Delineator (Type III)	21.000 EA	СН	35.00000	735.00	22.66000	475.86		
613-00200	2 Inch Electrical Conduit	1,200.000	LF	18.00000	21,600.00	30.21000	36,252.00		
613-07004	Type Four Pull Box	4.000 EA	СН	1,900.00000	7,600.00	2,060.76000	8,243.04		
613-10000	Wiring	1.000	LS	12,000.00000	12,000.00	3,096.54000	3,096.54		
614-00011	Sign Panel (Class I)	351.000	SF	45.00000	15,795.00	19.42000	6,816.42		
614-00012	Sign Panel (Class II)	768.000	SF	55.00000	42,240.00	24.82000	19,061.76		
614-01512	Steel Sign Support (2-Inch Round)(Post)	699.000	LF	15.00000	10,485.00	14.03000	9,806.97		
614-01522	Steel Sign Support (2-Inch Round)(Socket)	63.000 EA	СН	225.00000	14,175.00	135.95000	8,564.85		

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				(0) -EST- Engineer's Estimate		(1) 637A APC CONSTRUCTION CO., LLC			
Item Code	Description	Quant	ity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 ROADWAY						LCC:		
614-01575	Steel Sign Support (2-1/2 Inch Round NP-40)(Post)	800.000	LF	20.00000	16,000.00	19.42000	15,536.00		
614-01578	Steel Sign Support (2-1/2 Inch Round NP-40)(Slipbase)	81.000	EACH	245.00000	19,845.00	263.26000	21,324.06		
614-72741	Blank Out Sign (LED)(SPEED RADAR)	3.000	EACH	6,000.00000	18,000.00	47,796.78000	143,390.34		
614-72885	Traffic Signal Vehicle Detector (Special)	8.000 I	EACH	10,000.00000	80,000.00	9,014.49000	72,115.92		
614-80000	Flashing Beacon	3.000	EACH	3,000.00000	9,000.00	998.01000	2,994.03		
614-80391	Rumble Strip (Grinding)(Asphalt)	171,791.000	LF	0.25000	42,947.75	0.11000	18,897.01		
620-00002	Field Office (Class 2)	1.000	EACH	37,000.00000	37,000.00	49,755.00000	49,755.00		
620-00012	Field Laboratory (Class 2)	1.000	EACH	30,000.00000	30,000.00	50,800.00000	50,800.00		
620-00020	Sanitary Facility	5.000	EACH	3,000.00000	15,000.00	1,620.00000	8,100.00		
625-00000	Construction Surveying	1.000	LS	30,000.00000	30,000.00	404,000.00000	404,000.00		
626-00000	Mobilization	1.000	LS	775,000.00000	775,000.00	678,750.00000	678,750.00		
626-01113	Public Information Management (Tier III)	369.000	DAY	40.00000	14,760.00	124.08000	45,785.52		
627-00008	Modified Epoxy Pavement Marking	1,236.000	GAL	100.00000	123,600.00	102.50000	126,690.00		
627-00014	Pavement Marking Paint (Low Temperature)	10,300.000	GAL	45.00000	463,500.00	26.97000	277,791.00		
627-01010	Preformed Plastic Pavement Marking (Type I)(Inlaid)	720.000	SF	17.00000	12,240.00	21.58000	15,537.60		

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			(0) -EST- Engineer's Estimate		(1) 637A APC CONSTRUCTION CO., LLC			
Item Code	Description	Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 ROADWAY					LCC:		
627-30324	Preformed Plastic Pavement Marking (Word-Symbol) (Type I)	774.000 SF	20.00000	15,480.00	43.16000	33,405.84		
627-30329	Preformed Plastic Pavement Marking (Xwalk-Stop Line) (Type I)	528.000 SF	16.00000	8,448.00	12.95000	6,837.60		
630-00000	Flagging	4,560.000 HOUR	33.00000 1	150,480.00	33.45000	152,532.00		
630-00001	Pilot Car Operation	2,280.000 HOUR	45.00000 1	102,600.00	53.95000	123,006.00		
630-00003	Uniformed Traffic Control	120.000 HOUR	115.00000	13,800.00	92.79000	11,134.80		
630-00006	Uniformed Traffic Control (Vehicle)	120.000 HOUR	50.00000	6,000.00	21.58000	2,589.60		
630-00007	Traffic Control Inspection	100.000 DAY	250.00000	25,000.00	378.00000	37,800.00		
630-00012	Traffic Control Management	200.000 DAY	950.00000 1	190,000.00	1,640.00000	328,000.00		
630-00015	Uniformed Traffic Control Coordination	6.000 HOUR	50.00000	300.00	10.79000	64.74		
630-80001	Flashing Beacon (Portable)	2.000 EACH	2,000.00000	4,000.00	755.25000	1,510.50		
630-80305	Flagging Station Light	2.000 EACH	1,500.00000	3,000.00	12,990.37000	25,980.74		
630-80335	Barricade (Type 3 M-A) (Temporary)	11.000 EACH	180.00000	1,980.00	97.10000	1,068.10		
630-80336	Barricade (Type 3 M-B) (Temporary)	4.000 EACH	250.00000	1,000.00	97.10000	388.40		
630-80337	Barricade (Type 3 M-C) (Temporary)	3.000 EACH	400.00000	1,200.00	97.10000	291.30		
630-80341	Construction Traffic Sign (Panel Size A)	83.000 EACH	50.00000	4,150.00	53.95000	4,477.85		

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			(0) -EST Engineer's Es		(1) 637A APC CONSTRUCTION CO., LLC			
Item Code	Description	Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 ROADWAY					LCC:		
630-80342	Construction Traffic Sign (Panel Size B)	71.000 EACH	65.00000	4,615.00	53.95000	3,830.45		
630-80343	Construction Traffic Sign (Panel Size C)	10.000 EACH	75.00000	750.00	53.95000	539.50		
630-80344	Construction Traffic Sign (Special)	284.000 SF	35.00000	9,940.00	20.50000	5,822.00		
630-80355	Portable Message Sign Panel	10.000 EACH	5,000.00000	50,000.00	6,139.13000	61,391.30		
630-80357	Advance Warning Flashing or Sequencing Arrow Panel (B Type)	2.000 EACH	1,350.00000	2,700.00	1,704.72000	3,409.44		
630-80360	Drum Channelizing Device	150.000 EACH	40.00000	6,000.00	26.97000	4,045.50		
630-80370	Barrier (Temporary)	2,750.000 LF	35.00000	96,250.00	55.00000	151,250.00		
630-80380	Traffic Cone	100.000 EACH	10.00000	1,000.00	6.47000	647.00		
630-80393	Stackable Vertical Panels	150.000 EACH	40.00000	6,000.00	32.37000	4,855.50		
630-85010	Impact Attenuator (Temporary)	4.000 EACH	6,000.00000	24,000.00	16,500.00000	66,000.00		
630-85041	Mobile Attenuator	190.000 DAY	450.00000	85,500.00	787.62000	149,647.80		
Section To	tals:		\$11,76	2,536.75	\$11,56	66,137.70		
Contract (	Grand Totals		\$11,70	62,536.75	\$11,50	66,137.70		

## Low Bid Item Analysis

Printed On: **04/15/2021**Page 1 of 12

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0005	201-00000 Clearing and Gru	1.000 ubbing	30,000.00000	43,800.00000 L S	30,000.00	43,800.00	146.00%	13,800.00
0010	202-00015 Removal of Head	17.000 dwall	1,250.00000	2,160.00000 EACH	21,250.00	36,720.00	172.80%	15,470.00
0015	202-00035 Removal of Pipe	20.000	61.00000	107.89000 LF	1,220.00	2,157.80	176.87%	937.80
0020	202-00090 Removal of Delir	50.000 neator	10.00000	4.32000 EACH	500.00	216.00	43.20%	-284.00
0025	202-00220 Removal of Asph	20,505.000 nalt Mat	7.50000	6.93000 SY	153,787.50	142,099.65	92.40%	-11,687.85
0030	202-00240 Removal of Asph	196,280.00 nalt Mat (Planing)	3.00000	2.37000 SY	588,840.00	465,183.60	79.00%	-123,656.40
0035	202-00426 Removal of Bridge	23.000 ge Railing (Special)	20.00000	55.00000 LF	460.00	1,265.00	275.00%	805.00
0040	202-00503 Removal of Porti	12.000 ons of Present Stru	5,000.00000 cture	1,310.00000 SY	60,000.00	15,720.00	26.20%	-44,280.00
0045	202-00505 Removal of Porti	80.000 ons of Present Stru	250.00000 cture	148.89000 SF	20,000.00	11,911.20	59.56%	-8,088.80
0050	202-00810 Removal of Grou	93.000 ınd Sign	90.00000	73.37000 EACH	8,370.00	6,823.41	81.52%	-1,546.59
0055	202-00821 Removal of Sign	7.000 Panel	50.00000	32.37000 EACH	350.00	226.59	64.74%	-123.41
0060	202-00827 Removal of Pull	7.000 Box	255.00000	399.21000 EACH	1,785.00	2,794.47	156.55%	1,009.47

## Low Bid Item Analysis

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Printed On:

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0065	202-01130 Removal of Gua	22,368.000 rdrail Type 3	5.00000	3.24000 LF	111,840.00	72,472.32	64.80%	-39,367.68
0070	202-01300 Removal of End	92.000 Anchorage	350.00000	350.65000 EACH	32,200.00	32,259.80	100.19%	59.80
0075	202-04002 Clean Culvert	127.000	1,800.00000	3,025.00000 EACH	228,600.00	384,175.00	168.06%	155,575.00
0800	203-00010 Unclassified Exc	7,198.000 avation (Complete I	25.00000 n Place)	50.85000 CY	179,950.00	366,018.30	203.40%	186,068.30
0085	203-00050 Unsuitable Mate	1,000.000 rial	30.00000	45.32000 CY	30,000.00	45,320.00	151.07%	15,320.00
0090	203-00440 Rock Excavation	36.000 n (Special)	80.00000	1,078.93000 CY	2,880.00	38,841.48	1348.66%	35,961.48
0095	203-00592 Rock Staining	906.000	6.00000	110.00000 SF	5,436.00	99,660.00	1833.33%	94,224.00
0100	203-01100 Proof Rolling	80.000	100.00000	161.84000 HOUR	8,000.00	12,947.20	161.84%	4,947.20
0105	203-01597 Potholing	300.000	250.00000	409.99000 HOUR	75,000.00	122,997.00	164.00%	47,997.00
0110	203-02300 Rock Scaler	56.000	300.00000	78.76000 HOUR	16,800.00	4,410.56	26.25%	-12,389.44
0115	206-00000 Structure Excava	95.000 ation	50.00000	99.26000 CY	4,750.00	9,429.70	198.52%	4,679.70
0120	206-00065 Structure Backfil	481.000 I (Flow-Fill)	265.00000	242.76000 CY	127,465.00	116,767.56	91.61%	-10,697.44

## Low Bid Item Analysis

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Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0125	206-00100 Structure Backfill	70.000 (Class 1)	50.00000	168.31000 CY	3,500.00	11,781.70	336.62%	8,281.70
0130	206-01781 Shoring (Area 1)	1.000	10,000.00000	19,420.81000 L S	10,000.00	19,420.81	194.21%	9,420.81
0135	206-01782 Shoring (Area 2)	1.000	10,000.00000	19,420.81000 L S	10,000.00	19,420.81	194.21%	9,420.81
0140	207-00210 Stockpile Topsoil	1,882.000	10.00000	17.26000 CY	18,820.00	32,483.32	172.60%	13,663.32
0145	207-00700 Topsoil (Onsite)	1,882.000	15.00000	34.53000 CY	28,230.00	64,985.46	230.20%	36,755.46
0150	208-00002 Erosion Log Type	36,455.000 at 1 (12 Inch)	5.50000	3.45000 LF	200,502.50	125,769.75	62.73%	-74,732.75
0155	208-00013 Erosion Log Type	10,963.000 e 1 (20 Inch)	8.00000	5.75000 LF	87,704.00	63,037.25	71.88%	-24,666.75
0160	208-00035 Aggregate Bag	950.000	7.00000	4.62000 LF	6,650.00	4,389.00	66.00%	-2,261.00
0165	208-00046 Pre-fabricated Co (Type 1)	2.000 oncrete Washout St	2,750.00000 cructure	3,776.27000 EACH	5,500.00	7,552.54	137.32%	2,052.54
0170	208-00070 Vehicle Tracking	1.000 Pad	4,000.00000	2,531.18000 EACH	4,000.00	2,531.18	63.28%	-1,468.82
0175	208-00071 Maintenance Agg	18.000 gregate (Vehicle Tra	80.00000 acking Pad)	144.10000 CY	1,440.00	2,593.80	180.13%	1,153.80
0180	208-00075 Pre-fabricated Ve	2.000 chicle Tracking Pad	2,500.00000	2,540.89000 EACH	5,000.00	5,081.78	101.64%	81.78

## Low Bid Item Analysis

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Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0185	208-00103 Removal and Dis	20.000 posal of Sediment (	55.00000 Labor)	92.03000 HOUR	1,100.00	1,840.60	167.33%	740.60
0190	208-00105 Removal and Dis	20.000 posal of Sediment (	100.00000 Equipment)	202.41000 HOUR	2,000.00	4,048.20	202.41%	2,048.20
0195	208-00106 Sweeping (Sedin	60.000 nent Removal)	150.00000	176.92000 HOUR	9,000.00	10,615.20	117.95%	1,615.20
0200	208-00107 Removal of Trasi	30.000 า	75.00000	79.84000 HOUR	2,250.00	2,395.20	106.45%	145.20
0205	208-00207 Erosion Control N	85.000 Management	240.00000	270.11000 DAY	20,400.00	22,959.35	112.55%	2,559.35
0210	210-00090 Reset Delineator	675.000	30.00000	22.66000 EACH	20,250.00	15,295.50	75.53%	-4,954.50
0215	210-00815 Reset Sign Pane	13.000 I	300.00000	49.63000 EACH	3,900.00	645.19	16.54%	-3,254.81
0220	211-01115 Rock Reinforcem	350.000 ent (Number 10)	125.00000	154.29000 LF	43,750.00	54,001.50	123.43%	10,251.50
0225	212-00702 Biotic Soil Amend	9,800.000 dments (Hydraulical	2.00000 y Applied)	0.97000 LB	19,600.00	9,506.00	48.50%	-10,094.00
0230	212-00703 Humate	560.000	1.00000	1.11000 LB	560.00	621.60	111.00%	61.60
0235	212-00704 Mycorrhizae	56.000	12.00000	20.31000 LB	672.00	1,137.36	169.25%	465.36
0240	212-00705 Elemental Sulfur	168.000	1.00000	2.05000 LB	168.00	344.40	205.00%	176.40

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Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0245	212-00707 Seeding (Native)	3.000 Hydraulic	1,000.00000	1,222.79000 ACRE	3,000.00	3,668.37	122.28%	668.37
0250	213-00011 Mulching (Hydra	4.000 ulic)	1,050.00000	1,183.05000 ACRE	4,200.00	4,732.20	112.67%	532.20
0255	213-00061 Mulch Tackifier	1,260.000	4.00000	2.66000 LB	5,040.00	3,351.60	66.50%	-1,688.40
0260	216-00201 Soil Retention BI (Biodegradable 0	250.000 anket (Straw-Cocon Class 1)	5.00000 ut)	4.07000 SY	1,250.00	1,017.50	81.40%	-232.50
0265	217-00020 Herbicide Treatm	20.000 nent	190.00000	107.89000 HOUR	3,800.00	2,157.80	56.78%	-1,642.20
0270	240-00000 Wildlife Biologist	80.000	100.00000	91.71000 HOUR	8,000.00	7,336.80	91.71%	-663.20
0275	240-00010 Removal of Nest	60.000 s	125.00000	91.71000 HOUR	7,500.00	5,502.60	73.37%	-1,997.40
0280	304-06000 Aggregate Base	13,690.000 Course (Class 6)	20.00000	44.50000 TON	273,800.00	609,205.00	222.50%	335,405.00
0285	403-00720 Hot Mix Asphalt	7,894.000 (Patching) (Asphalt)	190.00000	105.70000 TON	1,499,860.00	834,395.80	55.63%	-665,464.20
0290	403-00722 Hot Mix Asphalt	5,280.000 (Patching)(Asphalt)(	8.00000 Special)	14.45000 LF	42,240.00	76,296.00	180.63%	34,056.00
0295	403-34871 Hot Mix Asphalt	34,528.000 (Grading SX) (100)	84.00000 (PG 76-28)	66.55000 TON	2,900,352.00	2,297,838.40	79.23%	-602,513.60
0300	411-10255 Emulsified Aspha	13,146.000 alt (Slow-Setting)	3.50000	7.40000 GAL	46,011.00	97,280.40	211.43%	51,269.40

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Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0305	420-00113 Geotextile (Drain	89.000 age) (Class 2)	12.00000	23.74000 SY	1,068.00	2,112.86	197.83%	1,044.86
0310	503-00018 Drilled Shaft (18	15.000 Inch)	171.00000	404.60000 LF	2,565.00	6,069.00	236.61%	3,504.00
0315	503-00024 Drilled Shaft (24	14.000 Inch)	200.00000	458.55000 LF	2,800.00	6,419.70	229.28%	3,619.70
0320	506-00209 Riprap (9 Inch)	21.000	200.00000	228.73000 CY	4,200.00	4,803.33	114.37%	603.33
0325	601-01050 Concrete Class E	23.000 3 (Wall)	1,350.00000	3,630.61000 CY	31,050.00	83,504.03	268.93%	52,454.03
0330	601-03030 Concrete Class I	34.000 D (Box Culvert)	1,100.00000	1,391.82000 CY	37,400.00	47,321.88	126.53%	9,921.88
0335	601-06102 Concrete (Patchi	24.000 ng)	400.00000	614.99000 CF	9,600.00	14,759.76	153.75%	5,159.76
0340	602-00000 Reinforcing Stee	4,780.000 I	2.50000	3.56000 LB	11,950.00	17,016.80	142.40%	5,066.80
0345	603-00026 Culvert Lining (2	374.000 4 Inch)	250.00000	381.94000 LF	93,500.00	142,845.56	152.78%	49,345.56
0350	603-00048 Culvert Lining (4	48.000 8 Inch)	350.00000	978.59000 LF	16,800.00	46,972.32	279.60%	30,172.32
0355	603-05036 36 Inch Reinford	1.000 ed Concrete End Se	3,000.00000 ection	4,855.20000 EACH	3,000.00	4,855.20	161.84%	1,855.20
0360	603-10240 24 Inch Corrugat	10.000 ed Steel Pipe	110.00000	215.79000 LF	1,100.00	2,157.90	196.17%	1,057.90

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Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0365	603-10360 36 Inch Corruga	10.000 ted Steel Pipe	134.00000	269.73000 LF	1,340.00	2,697.30	201.29%	1,357.30
0370	604-39000 Manhole Specia	7.000 I	12,000.00000	3,733.11000 EACH	84,000.00	26,131.77	31.11%	-57,868.23
0375	606-00302 Guardrail Type 3 System)	33,100.000 3 (31 Inch Midwest Gu	37.00000 uardrail	29.02000 LF	1,224,700.00	960,562.00	78.43%	-264,138.00
0380	606-01370 Transition Type	27.000 3G	3,000.00000	3,074.96000 EACH	81,000.00	83,023.92	102.50%	2,023.92
0385	606-01400 Transition Type	2.000 BR10M-GR3	3,000.00000	3,668.38000 EACH	6,000.00	7,336.76	122.28%	1,336.76
0390	606-02003 End Anchorage	26.000 (Nonflared)	3,500.00000	3,128.91000 EACH	91,000.00	81,351.66	89.40%	-9,648.34
0395	606-02005 End Anchorage	58.000 (Flared)	2,850.00000	3,344.70000 EACH	165,300.00	193,992.60	117.36%	28,692.60
0400	606-11037 Bridge Rail Type	23.000 10R MASH	325.00000	809.20000 LF	7,475.00	18,611.60	248.98%	11,136.60
0405	607-11525 Fence (Plastic)	2,025.000	3.00000	2.22000 LF	6,075.00	4,495.50	74.00%	-1,579.50
0410	607-60620 Road Closure G	2.000 ate	15,000.00000	16,237.96000 EACH	30,000.00	32,475.92	108.25%	2,475.92
0415	609-21020 Curb and Gutter	4,284.000 Type 2 (Section II-B)	50.00000	26.16000 LF	214,200.00	112,069.44	52.32%	-102,130.56
0420	612-00001 Delineator (Type	33.000	30.00000	20.50000 EACH	990.00	676.50	68.33%	-313.50

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Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0425	612-00002 Delineator (Type	5.000 e II)	35.00000	21.58000 EACH	175.00	107.90	61.66%	-67.10
0430	612-00003 Delineator (Type	21.000 e III)	35.00000	22.66000 EACH	735.00	475.86	64.74%	-259.14
0435	613-00200 2 Inch Electrical	1,200.000 Conduit	18.00000	30.21000 LF	21,600.00	36,252.00	167.83%	14,652.00
0440	613-07004 Type Four Pull E	4.000 Box	1,900.00000	2,060.76000 EACH	7,600.00	8,243.04	108.46%	643.04
0445	613-10000 Wiring	1.000	12,000.00000	3,096.54000 L S	12,000.00	3,096.54	25.80%	-8,903.46
0450	614-00011 Sign Panel (Clas	351.000 ss I)	45.00000	19.42000 SF	15,795.00	6,816.42	43.16%	-8,978.58
0455	614-00012 Sign Panel (Clas	768.000 ss II)	55.00000	24.82000 SF	42,240.00	19,061.76	45.13%	-23,178.24
0460	614-01512 Steel Sign Supp	699.000 ort (2-Inch Round)(F	15.00000 Post)	14.03000 LF	10,485.00	9,806.97	93.53%	-678.03
0465	614-01522 Steel Sign Supp	63.000 ort (2-Inch Round)(S	225.00000 Socket)	135.95000 EACH	14,175.00	8,564.85	60.42%	-5,610.15
0470	614-01575 Steel Sign Supp 40)(Post)	800.000 ort (2-1/2 Inch Roun	20.00000 d NP-	19.42000 LF	16,000.00	15,536.00	97.10%	-464.00
0475	614-01578	81.000 ort (2-1/2 Inch Roun	245.00000 d NP-	263.26000 EACH	19,845.00	21,324.06	107.45%	1,479.06

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Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0480	614-72741 Blank Out Sign (l	3.000 LED)(SPEED RADA	6,000.00000 AR)	47,796.78000 EACH	18,000.00	143,390.34	796.61%	125,390.34
0485	614-72885 Traffic Signal Ve	8.000 hicle Detector (Spe	10,000.00000 cial)	9,014.49000 EACH	80,000.00	72,115.92	90.14%	-7,884.08
0490	614-80000 Flashing Beacon	3.000	3,000.00000	998.01000 EACH	9,000.00	2,994.03	33.27%	-6,005.97
0495	614-80391 Rumble Strip (Gr	171,791.00 inding)(Asphalt)	0.25000	0.11000 LF	42,947.75	18,897.01	44.00%	-24,050.74
0500	620-00002 Field Office (Clas	1.000 ss 2)	37,000.00000	49,755.00000 EACH	37,000.00	49,755.00	134.47%	12,755.00
0505	620-00012 Field Laboratory	1.000 (Class 2)	30,000.00000	50,800.00000 EACH	30,000.00	50,800.00	169.33%	20,800.00
0510	620-00020 Sanitary Facility	5.000	3,000.00000	1,620.00000 EACH	15,000.00	8,100.00	54.00%	-6,900.00
0515	625-00000 Construction Sur	1.000 veying	30,000.00000	404,000.00000 L S	30,000.00	404,000.00	1346.67%	374,000.00
0520	626-00000 Mobilization	1.000	775,000.00000	678,750.00000 L S	775,000.00	678,750.00	87.58%	-96,250.00
0525	626-01113 Public Informatio	369.000 n Management (Tie	40.00000 er III)	124.08000 DAY	14,760.00	45,785.52	310.20%	31,025.52
0530	627-00008 Modified Epoxy F	1,236.000 Pavement Marking	100.00000	102.50000 GAL	123,600.00	126,690.00	102.50%	3,090.00
0535	627-00014 Pavement Markii	10,300.000 ng Paint (Low Temp	45.00000 perature)	26.97000 GAL	463,500.00	277,791.00	59.93%	-185,709.00

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Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0540	627-01010 Preformed Plast I)(Inlaid)	720.000 ic Pavement Markin	17.00000 g (Type	21.58000 SF	12,240.00	15,537.60	126.94%	3,297.60
0545	627-30324 Preformed Plast Symbol) (Type I)	774.000 ic Pavement Markin	20.00000 g (Word-	43.16000 SF	15,480.00	33,405.84	215.80%	17,925.84
0550	627-30329 Preformed Plast Stop Line) (Type	528.000 ic Pavement Markin I)	16.00000 g (Xwalk-	12.95000 SF	8,448.00	6,837.60	80.94%	-1,610.40
0555	630-00000 Flagging	4,560.000	33.00000	33.45000 HOUR	150,480.00	152,532.00	101.36%	2,052.00
0560	630-00001 Pilot Car Operat	2,280.000 ion	45.00000	53.95000 HOUR	102,600.00	123,006.00	119.89%	20,406.00
0565	630-00003 Uniformed Traffi	120.000 c Control	115.00000	92.79000 HOUR	13,800.00	11,134.80	80.69%	-2,665.20
0570	630-00006 Uniformed Traffi	120.000 c Control (Vehicle)	50.00000	21.58000 HOUR	6,000.00	2,589.60	43.16%	-3,410.40
0575	630-00007 Traffic Control In	100.000 spection	250.00000	378.00000 DAY	25,000.00	37,800.00	151.20%	12,800.00
0580	630-00012 Traffic Control M	200.000 anagement	950.00000	1,640.00000 DAY	190,000.00	328,000.00	172.63%	138,000.00
0585	630-00015 Uniformed Traffi	6.000 c Control Coordinati	50.00000 on	10.79000 HOUR	300.00	64.74	21.58%	-235.26
0590	630-80001 Flashing Beacor	2.000 (Portable)	2,000.00000	755.25000 EACH	4,000.00	1,510.50	37.76%	-2,489.50

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Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0595	630-80305 Flagging Station	2.000 Light	1,500.00000	12,990.37000 EACH	3,000.00	25,980.74	866.02%	22,980.74
0600	630-80335 Barricade (Type	11.000 3 M-A) (Temporary)	180.00000	97.10000 EACH	1,980.00	1,068.10	53.94%	-911.90
0605	630-80336 Barricade (Type	4.000 3 M-B) (Temporary)	250.00000	97.10000 EACH	1,000.00	388.40	38.84%	-611.60
0610	630-80337 Barricade (Type	3.000 3 M-C) (Temporary)	400.00000	97.10000 EACH	1,200.00	291.30	24.28%	-908.70
0615	630-80341 Construction Tra	83.000 iffic Sign (Panel Size	50.00000 e A)	53.95000 EACH	4,150.00	4,477.85	107.90%	327.85
0620	630-80342 Construction Tra	71.000 iffic Sign (Panel Size	65.00000 e B)	53.95000 EACH	4,615.00	3,830.45	83.00%	-784.55
0625	630-80343 Construction Tra	10.000 iffic Sign (Panel Size	75.00000 e C)	53.95000 EACH	750.00	539.50	71.93%	-210.50
0630	630-80344 Construction Tra	284.000 Iffic Sign (Special)	35.00000	20.50000 SF	9,940.00	5,822.00	58.57%	-4,118.00
0635	630-80355 Portable Messag	10.000 ge Sign Panel	5,000.00000	6,139.13000 EACH	50,000.00	61,391.30	122.78%	11,391.30
0640	630-80357 Advance Warnin Panel (B Type)	2.000 g Flashing or Seque	1,350.00000 encing Arrow	1,704.72000 EACH	2,700.00	3,409.44	126.28%	709.44
0645	630-80360 Drum Channeliz	150.000 ing Device	40.00000	26.97000 EACH	6,000.00	4,045.50	67.43%	-1,954.50
0650	630-80370 Barrier (Tempora	2,750.000 ary)	35.00000	55.00000 LF	96,250.00	151,250.00	157.14%	55,000.00

## **Colorado Department Of Transportation** Low Bid Item Analysis

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Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0655	630-80380 Traffic Cone	100.000	10.00000	6.47000 EACH	1,000.00	647.00	64.70%	-353.00
0660	630-80393 Stackable Vertic	150.000 al Panels	40.00000	32.37000 EACH	6,000.00	4,855.50	80.93%	-1,144.50
0665	630-85010 Impact Attenuate	4.000 or (Temporary)	6,000.00000	16,500.00000 EACH	24,000.00	66,000.00	275.00%	42,000.00
0670	630-85041 Mobile Attenuate	190.000 or	450.00000	787.62000 DAY	85,500.00	149,647.80	175.03%	64,147.80
Section 00	001 Subtotal				\$11,762,536.75	\$11,566,137.70	98.33%	-\$196,399.05
Contrac	Contract Total for Calculated Low Bidders Bid Items					\$11,566,137.70	98.33%	-\$196,399.05