

Colorado Department Of Transportation

Printed On: 08/07/2018

Low Bid Summary

Page 1 of 1

Letting Date: August 02, 2018

Call Order	Contract ID	Project(s)	# of Bids	Low Bidder	Estimated Cost	Corrected Bid	Percent of Estimate	Overrun (+) Underrun (-)
002	C22231	NHPP0703-448	2	CRUZ CONSTRUCTION INCORPORATED	\$1,350,001.50	\$1,796,575.52	133.08%	\$446,574.02
Letting Totals			2		\$1,350,001.50	\$1,796,575.52	133.08%	\$446,574.02

Colorado Department Of Transportation

Printed On: 08/07/2018

Vendor Ranking

Page 1 of 1

Letting No: 20180802  
 Letting Date: August 02, 2018  
 Letting Time: 10:00 AM

Contract ID: C22231  
 Region: 1  
 Contract Time: 70 WORKING DAYS

Project(s): NHPP0703-448  
 Counties: DENVER,  
 JEFFERSON

Contract Description:

THE PROJECT INCLUDES THREE (3) SITE LOCATIONS. TWO (2) SITE LOCATIONS ARE IN JEFFERSON COUNTY AND ONE (1) SITE LOCATION IS IN DENVER COUNTY. THE WORK CONSISTS OF MEDIAN GUARDRAIL BARRIER AT EACH OF THE SITES. THE THIRD SITE INCLUDES CONCRETE PAVING FOR A MEDIAN TURNAROUND. THE FIRST SITE IS IN THE MEDIAN OF I-70 (70A) NEAR GENESEE FROM MP 252.7 TO MP 255.3 (~2.6 MILES IN LENGTH). THE SECOND SITE IS IN THE MEDIAN OF I-70 (70A) NEAR MORRISON AND IS FROM MP 258.5 TO MP 259.8 (~1.3 MILES IN LENGTH). THE THIRD SITE IS WEST OF THE I-70 & I-270 INTERCHANGE AND IS IN THE MEDIAN OF I-270 (270A) EAST OF THE QUEBEC ST OVERPASS. THE WORK AREA EXTENDS FROM MP 4.4 TO MP 5.1 (~0.7 MILES IN LENGTH).

Rank	Vendor ID	Vendor Name	Total Bid	Percent Of Low Bid	Percent Of Estimate
0	-EST-	Engineer's Estimate	\$1,350,001.50	75.14%	100.00%
1	074A	CRUZ CONSTRUCTION INCORPORATED	\$1,796,575.52	100.00%	133.08%
2	447A	IDEAL FENCING CORPORATION	\$3,414,775.25	190.07%	252.95%

Tabulation of Bids

Letting No: 20180802  
 Letting Date: August 02, 2018  
 Letting Time: 10:00 AM

Contract ID: C22231  
 Region: 1

Counties: DENVER,  
 JEFFERSON

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 074A CRUZ CONSTRUCTION, INC.		(2) 447A IDEAL FENCING CORPORATION	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001 BID ITEMS					<b>LCC:</b>		
202-00090	Removal of Delineator	30.000 EACH	25.00000	750.00	10.00000	300.00	18.00000	540.00
202-01170	Removal of Guardrail Type 7	10.000 LF	25.00000	250.00	40.00000	400.00	125.00000	1,250.00
202-01300	Removal of End Anchorage	10.000 EACH	250.00000	2,500.00	125.00000	1,250.00	205.00000	2,050.00
203-00065	Embankment Material (Complete In Place) (R20)	200.000 CY	25.00000	5,000.00	40.00000	8,000.00	185.00000	37,000.00
203-01510	Backhoe	10.000 HOUR	185.00000	1,850.00	200.00000	2,000.00	250.00000	2,500.00
203-01582	Truck (Dump)	10.000 HOUR	300.00000	3,000.00	135.00000	1,350.00	250.00000	2,500.00
203-01597	Potholing	80.000 HOUR	200.00000	16,000.00	200.00000	16,000.00	265.00000	21,200.00
203-02330	Laborer	30.000 HOUR	75.00000	2,250.00	70.00000	2,100.00	75.00000	2,250.00
208-00012	Erosion Log Type 1 (9 Inch)	537.000 LF	15.00000	8,055.00	6.20000	3,329.40	9.00000	4,833.00
208-00035	Aggregate Bag	630.000 LF	11.00000	6,930.00	5.00000	3,150.00	16.00000	10,080.00
208-00046	Pre-fabricated Concrete Washout Structure	1.000 EACH	2,000.00000	2,000.00	700.00000	700.00	4,500.00000	4,500.00
208-00106	Sweeping (Sediment Removal)	10.000 HOUR	165.00000	1,650.00	200.00000	2,000.00	310.00000	3,100.00
208-00107	Removal of Trash	10.000 HOUR	100.00000	1,000.00	42.00000	420.00	185.00000	1,850.00
208-00207	Erosion Control Management	70.000 DAY	250.00000	17,500.00	150.00000	10,500.00	310.00000	21,700.00

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			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001 BID ITEMS							
					<b>LCC:</b>			
212-00006	Seeding (Native)	0.740 ACRE	2,500.00000	1,850.00	900.00000	666.00	12,915.00000	9,557.10
213-00003	Mulching (Weed Free)	0.740 ACRE	2,500.00000	1,850.00	750.00000	555.00	5,100.00000	3,774.00
213-00061	Mulch Tackifier	150.000 LB	3.50000	525.00	3.50000	525.00	15.50000	2,325.00
304-06000	Aggregate Base Course (Class 6)	47.000 TON	25.00000	1,175.00	55.00000	2,585.00	310.00000	14,570.00
403-00720	Hot Mix Asphalt (Patching) (Asphalt)	780.000 TON	150.00000	117,000.00	250.00000	195,000.00	555.00000	432,900.00
412-00805	Concrete Pavement (8 Inch) (Fast Track)	158.000 SY	75.00000	11,850.00	400.00000	63,200.00	495.00000	78,210.00
606-00301	Guardrail Type 3 (6-3 Post Spacing)	1,393.000 LF	20.00000	27,860.00	32.94000	45,885.42	53.25000	74,177.25
606-00350	Guardrail Type 3 (Double) (6-3 Post Spacing)	17,684.000 LF	40.00000	707,360.00	53.50000	946,094.00	98.90000	1,748,947.60
606-00710	Guardrail Type 7 (Style CA)	12.000 LF	170.00000	2,040.00	795.00000	9,540.00	680.00000	8,160.00
606-01340	End Anchorage Type 3D	3.000 EACH	2,000.00000	6,000.00	1,750.00000	5,250.00	1,385.00000	4,155.00
606-01380	Transition Type 3H	2.000 EACH	1,300.00000	2,600.00	3,110.00000	6,220.00	1,875.00000	3,750.00
606-01460	Median Terminal	18.000 EACH	4,000.00000	72,000.00	7,500.00000	135,000.00	11,950.00000	215,100.00
612-00001	Delineator (Type I)	25.000 EACH	50.00000	1,250.00	25.00000	625.00	35.00000	875.00
612-00003	Delineator (Type III)	5.000 EACH	55.00000	275.00	35.00000	175.00	75.00000	375.00

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			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001 BID ITEMS							
						<b>LCC:</b>		
614-80391	Rumble Strip (Grinding)(Asphalt)	10,694.000 LF	0.25000	2,673.50	0.65000	6,951.10	1.60000	17,110.40
614-80392	Rumble Strip (Grinding)(Concrete)	2,348.000 LF	1.00000	2,348.00	0.95000	2,230.60	4.05000	9,509.40
620-00002	Field Office (Class 2)	1.000 EACH	28,000.00000	28,000.00	10,000.00000	10,000.00	67,600.00000	67,600.00
620-00020	Sanitary Facility	1.000 EACH	3,000.00000	3,000.00	1,600.00000	1,600.00	7,375.00000	7,375.00
625-00000	Construction Surveying	1.000 L S	25,000.00000	25,000.00	7,500.00000	7,500.00	61,455.00000	61,455.00
626-00000	Mobilization	1.000 L S	140,000.00000	140,000.00	219,000.00000	219,000.00	341,000.00000	341,000.00
626-01103	Public Information Services (Tier III)	1.000 L S	2,500.00000	2,500.00	6,000.00000	6,000.00	10,500.00000	10,500.00
630-00000	Flagging	150.000 HOUR	25.00000	3,750.00	27.50000	4,125.00	30.75000	4,612.50
630-00003	Uniformed Traffic Control	32.000 HOUR	100.00000	3,200.00	126.00000	4,032.00	142.00000	4,544.00
630-00007	Traffic Control Inspection	30.000 DAY	175.00000	5,250.00	110.00000	3,300.00	250.00000	7,500.00
630-00012	Traffic Control Management	70.000 DAY	650.00000	45,500.00	420.00000	29,400.00	855.00000	59,850.00
630-80335	Barricade (Type 3 M-A) (Temporary)	3.000 EACH	150.00000	450.00	27.00000	81.00	250.00000	750.00
630-80341	Construction Traffic Sign (Panel Size A)	8.000 EACH	55.00000	440.00	27.00000	216.00	70.00000	560.00
630-80342	Construction Traffic Sign (Panel Size B)	56.000 EACH	95.00000	5,320.00	120.00000	6,720.00	255.00000	14,280.00

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			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001 BID ITEMS				<b>LCC:</b>			
630-80343	Construction Traffic Sign (Panel Size C)	20.000 EACH	100.00000	2,000.00	120.00000	2,400.00	255.00000	5,100.00
630-80355	Portable Message Sign Panel	4.000 EACH	5,500.00000	22,000.00	2,500.00000	10,000.00	7,400.00000	29,600.00
630-80358	Advance Warning Flashing or Sequencing Arrow Panel (C Type)	2.000 EACH	1,500.00000	3,000.00	750.00000	1,500.00	1,900.00000	3,800.00
630-80360	Drum Channelizing Device	200.000 EACH	38.00000	7,600.00	37.00000	7,400.00	62.00000	12,400.00
630-80380	Traffic Cone	100.000 EACH	11.00000	1,100.00	8.00000	800.00	16.00000	1,600.00
630-85041	Mobile Attenuator	70.000 DAY	350.00000	24,500.00	150.00000	10,500.00	620.00000	43,400.00
<b>Section Totals:</b>				\$1,350,001.50		\$1,796,575.52		\$3,414,775.25
<b>Contract Grand Totals</b>				<b>\$1,350,001.50</b>		<b>\$1,796,575.52</b>		<b>\$3,414,775.25</b>

Colorado Department Of Transportation

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Low Bid Item Analysis

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Letting No: 20180802  
 Letting Date: August 02, 2018  
 Letting Time: 10:00 AM

Contract ID: C22231  
 Region: 1  
 Contract Time: 70 WORKING DAYS

Counties: DENVER,  
 JEFFERSON  
 Project(s): NHPP0703-448

Contract Description:

THE PROJECT INCLUDES THREE (3) SITE LOCATIONS. TWO (2) SITE LOCATIONS ARE IN JEFFERSON COUNTY AND ONE (1) SITE LOCATION IS IN DENVER COUNTY. THE WORK CONSISTS OF MEDIAN GUARDRAIL BARRIER AT EACH OF THE SITES. THE THIRD SITE INCLUDES CONCRETE PAVING FOR A MEDIAN TURNAROUND. THE FIRST SITE IS IN THE MEDIAN OF I-70 (70A) NEAR GENESEE FROM MP 252.7 TO MP 255.3 (~2.6 MILES IN LENGTH). THE SECOND SITE IS IN THE MEDIAN OF I-70 (70A) NEAR MORRISON AND IS FROM MP 258.5 TO MP 259.8 (~1.3 MILES IN LENGTH). THE THIRD SITE IS WEST OF THE I-70 & I-270 INTERCHANGE AND IS IN THE MEDIAN OF I-270 (270A) EAST OF THE QUEBEC ST OVERPASS. THE WORK AREA EXTENDS FROM MP 4.4 TO MP 5.1 (~0.7 MILES IN LENGTH).

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION:</b>	0001	BID ITEMS						
0005	202-00090 Removal of Delineator	30.000	25.00000	10.00000 EACH	750.00	300.00	40.00%	-450.00
0010	202-01170 Removal of Guardrail Type 7	10.000	25.00000	40.00000 LF	250.00	400.00	160.00%	150.00
0015	202-01300 Removal of End Anchorage	10.000	250.00000	125.00000 EACH	2,500.00	1,250.00	50.00%	-1,250.00
0020	203-00065 Embankment Material (Complete In Place) (R20)	200.000	25.00000	40.00000 CY	5,000.00	8,000.00	160.00%	3,000.00
0025	203-01510 Backhoe	10.000	185.00000	200.00000 HOUR	1,850.00	2,000.00	108.11%	150.00
0030	203-01582 Truck (Dump)	10.000	300.00000	135.00000 HOUR	3,000.00	1,350.00	45.00%	-1,650.00

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Low Bid Item Analysis

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Letting No: 20180802  
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Counties: DENVER,  
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Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) / Underrun (-)
<b>SECTION:</b>	0001	BID ITEMS						
0035	203-01597 Potholing	80.000	200.00000	200.00000 HOUR	16,000.00	16,000.00	100.00%	0.00
0040	203-02330 Laborer	30.000	75.00000	70.00000 HOUR	2,250.00	2,100.00	93.33%	-150.00
0045	208-00012 Erosion Log Type 1 (9 Inch)	537.000	15.00000	6.20000 LF	8,055.00	3,329.40	41.33%	-4,725.60
0050	208-00035 Aggregate Bag	630.000	11.00000	5.00000 LF	6,930.00	3,150.00	45.45%	-3,780.00
0055	208-00046 Pre-fabricated Concrete Washout Structure	1.000	2,000.00000	700.00000 EACH	2,000.00	700.00	35.00%	-1,300.00
0060	208-00106 Sweeping (Sediment Removal)	10.000	165.00000	200.00000 HOUR	1,650.00	2,000.00	121.21%	350.00



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Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) / Underrun (-)
<b>SECTION:</b>	0001	BID ITEMS						
0065	208-00107 Removal of Trash	10.000	100.00000	42.00000 HOUR	1,000.00	420.00	42.00%	-580.00
0070	208-00207 Erosion Control Management	70.000	250.00000	150.00000 DAY	17,500.00	10,500.00	60.00%	-7,000.00
0075	212-00006 Seeding (Native)	0.740	2,500.00000	900.00000 ACRE	1,850.00	666.00	36.00%	-1,184.00
0080	213-00003 Mulching (Weed Free)	0.740	2,500.00000	750.00000 ACRE	1,850.00	555.00	30.00%	-1,295.00
0085	213-00061 Mulch Tackifier	150.000	3.50000	3.50000 LB	525.00	525.00	100.00%	0.00
0090	304-06000 Aggregate Base Course (Class 6)	47.000	25.00000	55.00000 TON	1,175.00	2,585.00	220.00%	1,410.00

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<b>SECTION:</b>	0001	BID ITEMS						
0095	403-00720 Hot Mix Asphalt (Patching) (Asphalt)	780.000	150.00000	250.00000 TON	117,000.00	195,000.00	166.67%	78,000.00
0100	412-00805 Concrete Pavement (8 Inch) (Fast Track)	158.000	75.00000	400.00000 SY	11,850.00	63,200.00	533.33%	51,350.00
0105	606-00301 Guardrail Type 3 (6-3 Post Spacing)	1,393.000	20.00000	32.94000 LF	27,860.00	45,885.42	164.70%	18,025.42
0110	606-00350 Guardrail Type 3 (Double) (6-3 Post Spacing)	17,684.000	40.00000	53.50000 LF	707,360.00	946,094.00	133.75%	238,734.00
0115	606-00710 Guardrail Type 7 (Style CA)	12.000	170.00000	795.00000 LF	2,040.00	9,540.00	467.65%	7,500.00
0120	606-01340 End Anchorage Type 3D	3.000	2,000.00000	1,750.00000 EACH	6,000.00	5,250.00	87.50%	-750.00

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<b>SECTION:</b>	0001	BID ITEMS						
0125	606-01380 Transition Type 3H	2.000	1,300.00000	3,110.00000 EACH	2,600.00	6,220.00	239.23%	3,620.00
0130	606-01460 Median Terminal	18.000	4,000.00000	7,500.00000 EACH	72,000.00	135,000.00	187.50%	63,000.00
0135	612-00001 Delineator (Type I)	25.000	50.00000	25.00000 EACH	1,250.00	625.00	50.00%	-625.00
0140	612-00003 Delineator (Type III)	5.000	55.00000	35.00000 EACH	275.00	175.00	63.64%	-100.00
0145	614-80391 Rumble Strip (Grinding)(Asphalt)	10,694.000	0.25000	0.65000 LF	2,673.50	6,951.10	260.00%	4,277.60
0150	614-80392 Rumble Strip (Grinding)(Concrete)	2,348.000	1.00000	0.95000 LF	2,348.00	2,230.60	95.00%	-117.40

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<b>SECTION:</b>	0001	BID ITEMS						
0155	620-00002 Field Office (Class 2)	1.000	28,000.00000	10,000.00000 EACH	28,000.00	10,000.00	35.71%	-18,000.00
0160	620-00020 Sanitary Facility	1.000	3,000.00000	1,600.00000 EACH	3,000.00	1,600.00	53.33%	-1,400.00
0165	625-00000 Construction Surveying	1.000	25,000.00000	7,500.00000 L S	25,000.00	7,500.00	30.00%	-17,500.00
0170	626-00000 Mobilization	1.000	140,000.00000	219,000.00000 L S	140,000.00	219,000.00	156.43%	79,000.00
0175	626-01103 Public Information Services (Tier III)	1.000	2,500.00000	6,000.00000 L S	2,500.00	6,000.00	240.00%	3,500.00
0180	630-00000 Flagging	150.000	25.00000	27.50000 HOUR	3,750.00	4,125.00	110.00%	375.00

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Low Bid Item Analysis

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Letting No: 20180802  
 Letting Date: August 02, 2018  
 Letting Time: 10:00 AM

Contract ID: C22231  
 Region: 1  
 Contract Time: 70 WORKING DAYS

Counties: DENVER,  
 JEFFERSON  
 Project(s): NHPP0703-448

Contract Description:

THE PROJECT INCLUDES THREE (3) SITE LOCATIONS. TWO (2) SITE LOCATIONS ARE IN JEFFERSON COUNTY AND ONE (1) SITE LOCATION IS IN DENVER COUNTY. THE WORK CONSISTS OF MEDIAN GUARDRAIL BARRIER AT EACH OF THE SITES. THE THIRD SITE INCLUDES CONCRETE PAVING FOR A MEDIAN TURNAROUND. THE FIRST SITE IS IN THE MEDIAN OF I-70 (70A) NEAR GENESEE FROM MP 252.7 TO MP 255.3 (~2.6 MILES IN LENGTH). THE SECOND SITE IS IN THE MEDIAN OF I-70 (70A) NEAR MORRISON AND IS FROM MP 258.5 TO MP 259.8 (~1.3 MILES IN LENGTH). THE THIRD SITE IS WEST OF THE I-70 & I-270 INTERCHANGE AND IS IN THE MEDIAN OF I-270 (270A) EAST OF THE QUEBEC ST OVERPASS. THE WORK AREA EXTENDS FROM MP 4.4 TO MP 5.1 (~0.7 MILES IN LENGTH).

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) / Underrun (-)
<b>SECTION:</b>	0001	BID ITEMS						
0185	630-00003 Uniformed Traffic Control	32.000	100.00000	126.00000 HOUR	3,200.00	4,032.00	126.00%	832.00
0190	630-00007 Traffic Control Inspection	30.000	175.00000	110.00000 DAY	5,250.00	3,300.00	62.86%	-1,950.00
0195	630-00012 Traffic Control Management	70.000	650.00000	420.00000 DAY	45,500.00	29,400.00	64.62%	-16,100.00
0200	630-80335 Barricade (Type 3 M-A) (Temporary)	3.000	150.00000	27.00000 EACH	450.00	81.00	18.00%	-369.00
0205	630-80341 Construction Traffic Sign (Panel Size A)	8.000	55.00000	27.00000 EACH	440.00	216.00	49.09%	-224.00
0210	630-80342 Construction Traffic Sign (Panel Size B)	56.000	95.00000	120.00000 EACH	5,320.00	6,720.00	126.32%	1,400.00

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Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) / Underrun (-)
<b>SECTION:</b>	0001	BID ITEMS						
0215	630-80343 Construction Traffic Sign (Panel Size C)	20.000	100.00000	120.00000 EACH	2,000.00	2,400.00	120.00%	400.00
0220	630-80355 Portable Message Sign Panel	4.000	5,500.00000	2,500.00000 EACH	22,000.00	10,000.00	45.45%	-12,000.00
0225	630-80358 Advance Warning Flashing or Sequencing Arrow Panel (C Type)	2.000	1,500.00000	750.00000 EACH	3,000.00	1,500.00	50.00%	-1,500.00
0230	630-80360 Drum Channelizing Device	200.000	38.00000	37.00000 EACH	7,600.00	7,400.00	97.37%	-200.00
0235	630-80380 Traffic Cone	100.000	11.00000	8.00000 EACH	1,100.00	800.00	72.73%	-300.00

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Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION:</b>	0001	BID ITEMS						
0240	630-85041 Mobile Attenuator	70.000	350.00000	150.00000 DAY	24,500.00	10,500.00	42.86%	-14,000.00
<b>Section 0001 Subtotal</b>					\$1,350,001.50	\$1,796,575.52	133.08%	\$446,574.02
<b>Contract Total for Calculated Low Bidders Bid Items</b>					<b>\$1,350,001.50</b>	<b>\$1,796,575.52</b>	<b>133.08%</b>	<b>\$446,574.02</b>