

Colorado Department Of Transportation

Printed On: 09/18/2020

Low Bid Summary

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Letting Date: September 17, 2020

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Call Order	Contract ID	Project(s)	# of Bids	Low Bidder	Estimated Cost	Corrected Bid	Percent of Estimate	Overrun (+) Underrun (-)
005	C23053	CR400-374	4	AMERICAN WEST CONSTRUCTION, LLC	\$495,394.00	\$244,123.00	49.28%	-\$251,271.00
Letting Totals			4		\$495,394.00	\$244,123.00	49.28%	-\$251,271.00

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## Vendor Ranking

## Contract Description:

Contract ID: C23053

## VARIOUS CULVERTS THROUGHOUT R4

The proposed work for this project is to slip-line several culverts under the critical culvert plan. The locations of the culverts are as follows: one of SH 52 at MP 35.83, the next two are on SH 66 one at MP 49.62 and the other at MP 50.32.

We are not removing/replacing the culverts in place, so the impacts to roadway and side slopes are minimal to negligible.

We have included a small quantity for seeding and grubbing in case some areas are disturbed and need to be repaired.

Rank	Vendor ID	Vendor Name	Total Bid	Percent Of Low Bid	Percent Of Estimate
1	1282A	AMERICAN WEST CONSTRUCTION, LLC	\$244,123.00	100.00%	49.28%
2	1430A	C and L WATER SOLUTIONS, INC	\$295,260.60	120.95%	59.60%
3	1213A	INSITUFORM TECHNOLOGIES, LLC	\$418,728.64	171.52%	84.52%
0	-EST-	Engineer's Estimate	\$495,394.00	202.93%	100.00%
4	1721	Frontier Environmental Services, LLC	\$688,950.00	282.21%	139.07%

Tabulation of Bids

Contract ID: C23053

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1282A AMERICAN WEST CONSTRUCTION, LLC		(2) 1430A C and L WATER SOLUTIONS, INC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001	BID ITEMS				<b>LCC:</b>		
201-00000	Clearing and Grubbing	1.000 L S	6,000.00000	6,000.00	4,500.00000	4,500.00	5,385.00000	5,385.00
201-00005	Removal of Debris	1.000 L S	3,000.00000	3,000.00	4,500.00000	4,500.00	2,535.00000	2,535.00
202-04002	Clean Culvert	3.000 EACH	1,000.00000	3,000.00	2,400.00000	7,200.00	13,075.00000	39,225.00
203-01500	Blading	9.000 HOUR	156.00000	1,404.00	150.00000	1,350.00	200.00000	1,800.00
208-00002	Erosion Log Type 1 (12 Inch)	1,500.000 LF	6.00000	9,000.00	4.00000	6,000.00	5.60000	8,400.00
208-00075	Pre-fabricated Vehicle Tracking Pad	3.000 EACH	3,000.00000	9,000.00	1,000.00000	3,000.00	1,400.00000	4,200.00
208-00103	Removal and Disposal of Sediment (Labor)	24.000 HOUR	56.00000	1,344.00	35.00000	840.00	65.00000	1,560.00
208-00107	Removal of Trash	3.000 HOUR	117.00000	351.00	35.00000	105.00	165.00000	495.00
212-00006	Seeding (Native)	0.110 ACRE	5,000.00000	550.00	2,500.00000	275.00	10,985.00000	1,208.35
212-00032	Soil Conditioning	0.110 ACRE	7,000.00000	770.00	9,000.00000	990.00	12,625.00000	1,388.75
213-00012	Spray-on Mulch Blanket	0.110 ACRE	8,000.00000	880.00	7,000.00000	770.00	11,950.00000	1,314.50
603-00049	Culvert Lining (48 Inch)(Special)	102.000 LF	1,300.00000	132,600.00	550.00000	56,100.00	470.00000	47,940.00
603-00062	Culvert Lining (60 Inch)(Special)	60.000 LF	1,500.00000	90,000.00	550.00000	33,000.00	1,025.00000	61,500.00
603-00073	Culvert Lining (72 Inch)(Special)	61.000 LF	1,700.00000	103,700.00	650.00000	39,650.00	950.00000	57,950.00
607-11525	Fence (Plastic)	600.000 LF	3.50000	2,100.00	4.25000	2,550.00	2.40000	1,440.00
620-00020	Sanitary Facility	1.000 EACH	2,000.00000	2,000.00	440.00000	440.00	310.00000	310.00

Tabulation of Bids

Contract ID: C23053

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1282A AMERICAN WEST CONSTRUCTION, LLC		(2) 1430A C and L WATER SOLUTIONS, INC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001	BID ITEMS						
						<b>LCC:</b>		
625-00001	Construction Surveying (Hourly)	12.000 HOUR	300.00000	3,600.00	170.00000	2,040.00	225.00000	2,700.00
626-00000	Mobilization	1.000 L S	50,000.00000	50,000.00	23,000.00000	23,000.00	6,975.00000	6,975.00
626-01114	Public Information Management (Tier IV)	9.000 DAY	700.00000	6,300.00	40.00000	360.00	620.00000	5,580.00
630-00000	Flagging	600.000 HOUR	28.00000	16,800.00	35.00000	21,000.00	32.00000	19,200.00
630-00007	Traffic Control Inspection	9.000 DAY	265.00000	2,385.00	235.00000	2,115.00	480.00000	4,320.00
630-00012	Traffic Control Management	28.000 DAY	950.00000	26,600.00	675.00000	18,900.00	550.00000	15,400.00
630-80341	Construction Traffic Sign (Panel Size A)	8.000 EACH	50.00000	400.00	24.00000	192.00	14.00000	112.00
630-80342	Construction Traffic Sign (Panel Size B)	18.000 EACH	80.00000	1,440.00	32.00000	576.00	14.00000	252.00
630-80350	Vertical Panel	30.000 EACH	20.00000	600.00	26.00000	780.00	14.00000	420.00
630-80355	Portable Message Sign Panel	4.000 EACH	4,000.00000	16,000.00	1,700.00000	6,800.00	685.00000	2,740.00
630-80380	Traffic Cone	60.000 EACH	9.50000	570.00	6.50000	390.00	14.00000	840.00
630-85020	Mobile Attenuator	1.000 EACH	5,000.00000	5,000.00	6,700.00000	6,700.00	70.00000	70.00
<b>Section Totals:</b>				\$495,394.00		\$244,123.00		\$295,260.60
<b>Contract Grand Totals</b>				<b>\$495,394.00</b>		<b>\$244,123.00</b>		<b>\$295,260.60</b>

Tabulation of Bids

Contract ID: C23053

Item Code	Description	Quantity	(3) 1213A INSITUFORM TECHNOLOGIES, LLC		(4) 1721 Frontier Environmental Services, LLC			
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001	BID ITEMS						
								<b>LCC:</b>
201-00000	Clearing and Grubbing	1.000 L S	3,243.00000	3,243.00	9,000.00000	9,000.00		
201-00005	Removal of Debris	1.000 L S	5,403.00000	5,403.00	10,500.00000	10,500.00		
202-04002	Clean Culvert	3.000 EACH	652.00000	1,956.00	5,000.00000	15,000.00		
203-01500	Blading	9.000 HOUR	300.00000	2,700.00	200.00000	1,800.00		
208-00002	Erosion Log Type 1 (12 Inch)	1,500.000 LF	2.00000	3,000.00	7.00000	10,500.00		
208-00075	Pre-fabricated Vehicle Tracking Pad	3.000 EACH	3,602.00000	10,806.00	6,000.00000	18,000.00		
208-00103	Removal and Disposal of Sediment (Labor)	24.000 HOUR	81.00000	1,944.00	100.00000	2,400.00		
208-00107	Removal of Trash	3.000 HOUR	432.00000	1,296.00	60.00000	180.00		
212-00006	Seeding (Native)	0.110 ACRE	4,912.00000	540.32	5,000.00000	550.00		
212-00032	Soil Conditioning	0.110 ACRE	4,912.00000	540.32	12,000.00000	1,320.00		
213-00012	Spray-on Mulch Blanket	0.110 ACRE	6,600.00000	726.00	15,000.00000	1,650.00		
603-00049	Culvert Lining (48 Inch)(Special)	102.000 LF	1,032.00000	105,264.00	1,500.00000	153,000.00		
603-00062	Culvert Lining (60 Inch)(Special)	60.000 LF	1,728.00000	103,680.00	2,300.00000	138,000.00		
603-00073	Culvert Lining (72 Inch)(Special)	61.000 LF	1,758.00000	107,238.00	2,500.00000	152,500.00		
607-11525	Fence (Plastic)	600.000 LF	3.00000	1,800.00	3.50000	2,100.00		
620-00020	Sanitary Facility	1.000 EACH	670.00000	670.00	600.00000	600.00		

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Item Code	Description	Quantity	(3) 1213A INSITUFORM TECHNOLOGIES, LLC		(4) 1721 Frontier Environmental Services, LLC			
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001	BID ITEMS						
						<b>LCC:</b>		
625-00001	Construction Surveying (Hourly)	12.000 HOUR	432.00000	5,184.00	600.00000	7,200.00		
626-00000	Mobilization	1.000 L S	24,358.00000	24,358.00	65,000.00000	65,000.00		
626-01114	Public Information Management (Tier IV)	9.000 DAY	488.00000	4,392.00	500.00000	4,500.00		
630-00000	Flagging	600.000 HOUR	25.00000	15,000.00	35.00000	21,000.00		
630-00007	Traffic Control Inspection	9.000 DAY	378.00000	3,402.00	350.00000	3,150.00		
630-00012	Traffic Control Management	28.000 DAY	432.00000	12,096.00	1,150.00000	32,200.00		
630-80341	Construction Traffic Sign (Panel Size A)	8.000 EACH	11.00000	88.00	60.00000	480.00		
630-80342	Construction Traffic Sign (Panel Size B)	18.000 EACH	11.00000	198.00	90.00000	1,620.00		
630-80350	Vertical Panel	30.000 EACH	11.00000	330.00	50.00000	1,500.00		
630-80355	Portable Message Sign Panel	4.000 EACH	540.00000	2,160.00	3,650.00000	14,600.00		
630-80380	Traffic Cone	60.000 EACH	11.00000	660.00	10.00000	600.00		
630-85020	Mobile Attenuator	1.000 EACH	54.00000	54.00	20,000.00000	20,000.00		
<b>Section Totals:</b>				\$418,728.64		\$688,950.00		
<b>Contract Grand Totals</b>				<b>\$418,728.64</b>		<b>\$688,950.00</b>		

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Low Bid Item Analysis

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Contract ID: C23053

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION:</b>	0001	BID ITEMS						
0005	201-00000 Clearing and Grubbing	1.000	6,000.00000	4,500.00000 L S	6,000.00	4,500.00	75.00%	-1,500.00
0010	201-00005 Removal of Debris	1.000	3,000.00000	4,500.00000 L S	3,000.00	4,500.00	150.00%	1,500.00
0015	202-04002 Clean Culvert	3.000	1,000.00000	2,400.00000 EACH	3,000.00	7,200.00	240.00%	4,200.00
0020	203-01500 Blading	9.000	156.00000	150.00000 HOUR	1,404.00	1,350.00	96.15%	-54.00
0025	208-00002 Erosion Log Type 1 (12 Inch)	1,500.000	6.00000	4.00000 LF	9,000.00	6,000.00	66.67%	-3,000.00
0030	208-00075 Pre-fabricated Vehicle Tracking Pad	3.000	3,000.00000	1,000.00000 EACH	9,000.00	3,000.00	33.33%	-6,000.00
0035	208-00103 Removal and Disposal of Sediment (Labor)	24.000	56.00000	35.00000 HOUR	1,344.00	840.00	62.50%	-504.00
0040	208-00107 Removal of Trash	3.000	117.00000	35.00000 HOUR	351.00	105.00	29.91%	-246.00
0045	212-00006 Seeding (Native)	0.110	5,000.00000	2,500.00000 ACRE	550.00	275.00	50.00%	-275.00
0050	212-00032 Soil Conditioning	0.110	7,000.00000	9,000.00000 ACRE	770.00	990.00	128.57%	220.00
0055	213-00012 Spray-on Mulch Blanket	0.110	8,000.00000	7,000.00000 ACRE	880.00	770.00	87.50%	-110.00
0060	603-00049 Culvert Lining (48 Inch)(Special)	102.000	1,300.00000	550.00000 LF	132,600.00	56,100.00	42.31%	-76,500.00

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Low Bid Item Analysis

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Contract ID: C23053

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION:</b>	0001	BID ITEMS						
0065	603-00062 Culvert Lining (60 Inch)(Special)	60.000	1,500.00000	550.00000 LF	90,000.00	33,000.00	36.67%	-57,000.00
0070	603-00073 Culvert Lining (72 Inch)(Special)	61.000	1,700.00000	650.00000 LF	103,700.00	39,650.00	38.24%	-64,050.00
0075	607-11525 Fence (Plastic)	600.000	3.50000	4.25000 LF	2,100.00	2,550.00	121.43%	450.00
0080	620-00020 Sanitary Facility	1.000	2,000.00000	440.00000 EACH	2,000.00	440.00	22.00%	-1,560.00
0085	625-00001 Construction Surveying (Hourly)	12.000	300.00000	170.00000 HOUR	3,600.00	2,040.00	56.67%	-1,560.00
0090	626-00000 Mobilization	1.000	50,000.00000	23,000.00000 L S	50,000.00	23,000.00	46.00%	-27,000.00
0095	626-01114 Public Information Management (Tier IV)	9.000	700.00000	40.00000 DAY	6,300.00	360.00	5.71%	-5,940.00
0100	630-00000 Flagging	600.000	28.00000	35.00000 HOUR	16,800.00	21,000.00	125.00%	4,200.00
0105	630-00007 Traffic Control Inspection	9.000	265.00000	235.00000 DAY	2,385.00	2,115.00	88.68%	-270.00
0110	630-00012 Traffic Control Management	28.000	950.00000	675.00000 DAY	26,600.00	18,900.00	71.05%	-7,700.00
0115	630-80341 Construction Traffic Sign (Panel Size A)	8.000	50.00000	24.00000 EACH	400.00	192.00	48.00%	-208.00
0120	630-80342 Construction Traffic Sign (Panel Size B)	18.000	80.00000	32.00000 EACH	1,440.00	576.00	40.00%	-864.00



Low Bid Item Analysis

Contract ID: C23053

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION:</b>	0001	BID ITEMS						
0125	630-80350 Vertical Panel	30.000	20.00000	26.00000 EACH	600.00	780.00	130.00%	180.00
0130	630-80355 Portable Message Sign Panel	4.000	4,000.00000	1,700.00000 EACH	16,000.00	6,800.00	42.50%	-9,200.00
0135	630-80380 Traffic Cone	60.000	9.50000	6.50000 EACH	570.00	390.00	68.42%	-180.00
0140	630-85020 Mobile Attenuator	1.000	5,000.00000	6,700.00000 EACH	5,000.00	6,700.00	134.00%	1,700.00
<b>Section 0001 Subtotal</b>					\$495,394.00	\$244,123.00	49.28%	-\$251,271.00
<b>Contract Total for Calculated Low Bidders Bid Items</b>					<b>\$495,394.00</b>	<b>\$244,123.00</b>	<b>49.28%</b>	<b>-\$251,271.00</b>