

Colorado Department Of Transportation

Printed On: 07/23/2020

Low Bid Summary

Page 1 of 1

Letting Date: July 23, 2020

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Call Order	Contract ID	Project(s)	# of Bids	Low Bidder	Estimated Cost	Corrected Bid	Percent of Estimate	Overrun (+) Underrun (-)
002	C23330	STMR200-260	2	Frontier Environmental Services, LLC	\$725,000.00	\$568,652.50	78.43%	-\$156,347.50
Letting Totals			2		\$725,000.00	\$568,652.50	78.43%	-\$156,347.50

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Vendor Ranking

Contract ID: C23330

Contract Description:

SH 9, M.P. 69.94, Clean Culvert, Remove existing Headwall, Spray Line Culvert, and repair crack in headwall at Outlet. US 160, M.P. 279.38, Clean Culvert, Slip Line Culvert, Add Headwall to Outlet.

US 285, M.P. 220.90, Clean Culvert, Spray Line Culvert.

US 285, M.P. 222.25, Clean Culvert, Spray Line Culvert.

Rank	Vendor ID	Vendor Name	Total Bid	Percent Of Low Bid	Percent Of Estimate
1	1721	Frontier Environmental Services, LLC	\$568,652.50	100.00%	78.43%
0	-EST-	Engineer's Estimate	\$725,000.00	127.49%	100.00%
2	1282A	AMERICAN WEST CONSTRUCTION, LLC	\$725,970.90	127.67%	100.13%

Tabulation of Bids

Contract ID: C23330

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1721 Frontier Environmental Services, LLC		(2) 1282A AMERICAN WEST CONSTRUCTION, LLC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001 Culvert Work							
						<b>LCC:</b>		
201-00000	Clearing and Grubbing	1.000 L S	50,000.00000	50,000.00	3,000.00000	3,000.00	23,000.00000	23,000.00
202-04008	Clean Culvert	501.000 LF	65.00000	32,565.00	85.00000	42,585.00	130.00000	65,130.00
203-01594	Combination Loader	30.000 HOUR	210.00000	6,300.00	125.00000	3,750.00	110.00000	3,300.00
203-02330	Laborer	30.000 HOUR	60.00000	1,800.00	45.00000	1,350.00	50.00000	1,500.00
207-00205	Topsoil	296.000 CY	25.00000	7,400.00	55.00000	16,280.00	48.00000	14,208.00
208-00002	Erosion Log Type 1 (12 Inch)	120.000 LF	8.00000	960.00	4.50000	540.00	5.25000	630.00
208-00011	Erosion Bales (Weed Free)	245.000 EACH	25.00000	6,125.00	25.00000	6,125.00	20.75000	5,083.75
208-00045	Concrete Washout Structure	4.000 EACH	2,000.00000	8,000.00	750.00000	3,000.00	980.00000	3,920.00
208-00103	Removal and Disposal of Sediment (Labor)	50.000 HOUR	75.00000	3,750.00	45.00000	2,250.00	50.00000	2,500.00
208-00105	Removal and Disposal of Sediment (Equipment)	50.000 HOUR	150.00000	7,500.00	110.00000	5,500.00	115.00000	5,750.00
208-00107	Removal of Trash	20.000 HOUR	70.00000	1,400.00	45.00000	900.00	68.50000	1,370.00
208-00207	Erosion Control Management	50.000 DAY	300.00000	15,000.00	95.00000	4,750.00	50.00000	2,500.00
208-00400	Water Control	1.000 L S	50,000.00000	50,000.00	15,000.00000	15,000.00	97,000.00000	97,000.00
211-02277	Cement Grout (Voids)	85.000 CY	1,000.00000	85,000.00	750.00000	63,750.00	750.00000	63,750.00
212-00006	Seeding (Native)	0.440 ACRE	1,600.00000	704.00	1,800.00000	792.00	12,000.00000	5,280.00

Tabulation of Bids

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Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1721 Frontier Environmental Services, LLC		(2) 1282A AMERICAN WEST CONSTRUCTION, LLC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001 Culvert Work				<b>LCC:</b>			
212-00032	Soil Conditioning	0.440 ACRE	3,000.00000	1,320.00	3,000.00000	1,320.00	5,500.00000	2,420.00
213-00002	Mulching (Weed Free Hay)	0.270 ACRE	2,500.00000	675.00	2,200.00000	594.00	2,500.00000	675.00
213-00061	Mulch Tackifier	54.000 LB	3.50000	189.00	5.00000	270.00	8.25000	445.50
216-00201	Soil Retention Blanket (Straw-Coconut) (Biodegradable Class 1)	1,047.000 SY	5.00000	5,235.00	3.50000	3,664.50	4.00000	4,188.00
601-03000	Concrete Class D	5.000 CY	1,500.00000	7,500.00	1,200.00000	6,000.00	3,600.00000	18,000.00
601-06102	Concrete (Patching)	1.000 CF	400.00000	400.00	375.00000	375.00	2,000.00000	2,000.00
602-00000	Reinforcing Steel	434.000 LB	2.00000	868.00	2.00000	868.00	2.35000	1,019.90
603-00051	Culvert Lining (48 Inch)(Slip)	136.000 LF	600.00000	81,600.00	300.00000	40,800.00	420.00000	57,120.00
603-00052	Culvert Lining (48 Inch)(Spray Applied)	278.000 LF	330.00000	91,740.00	430.00000	119,540.00	280.00000	77,840.00
603-00065	Culvert Lining (60 Inch)(Spray Applied)	86.000 LF	700.00000	60,200.00	710.00000	61,060.00	370.00000	31,820.00
607-11525	Fence (Plastic)	236.000 LF	5.00000	1,180.00	2.75000	649.00	3.25000	767.00
620-00020	Sanitary Facility	2.000 EACH	3,000.00000	6,000.00	700.00000	1,400.00	440.00000	880.00
625-00000	Construction Surveying	1.000 L S	20,000.00000	20,000.00	3,000.00000	3,000.00	7,000.00000	7,000.00
626-00000	Mobilization	1.000 L S	50,969.00000	50,969.00	50,000.00000	50,000.00	110,000.00000	110,000.00
626-01114	Public Information Management (Tier IV)	88.000 DAY	70.00000	6,160.00	55.00000	4,840.00	50.00000	4,400.00

Tabulation of Bids

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Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1721 Frontier Environmental Services, LLC		(2) 1282A AMERICAN WEST CONSTRUCTION, LLC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001 Culvert Work				<b>LCC:</b>			
630-00000	Flagging	400.000 HOUR	35.00000	14,000.00	30.00000	12,000.00	28.00000	11,200.00
630-00007	Traffic Control Inspection	20.000 DAY	300.00000	6,000.00	350.00000	7,000.00	350.00000	7,000.00
630-00012	Traffic Control Management	50.000 DAY	750.00000	37,500.00	875.00000	43,750.00	800.00000	40,000.00
630-80001	Flashing Beacon (Portable)	8.000 EACH	700.00000	5,600.00	1,400.00000	11,200.00	1,400.00000	11,200.00
630-80335	Barricade (Type 3 M-A) (Temporary)	3.000 EACH	180.00000	540.00	175.00000	525.00	180.00000	540.00
630-80341	Construction Traffic Sign (Panel Size A)	4.000 EACH	50.00000	200.00	50.00000	200.00	46.75000	187.00
630-80342	Construction Traffic Sign (Panel Size B)	44.000 EACH	80.00000	3,520.00	75.00000	3,300.00	75.75000	3,333.00
630-80350	Vertical Panel	60.000 EACH	40.00000	2,400.00	45.00000	2,700.00	46.75000	2,805.00
630-80354	Vertical Panel (With Light) (Steady Burn)	20.000 EACH	45.00000	900.00	60.00000	1,200.00	58.25000	1,165.00
630-80358	Advance Warning Flashing or Sequencing Arrow Panel (C Type)	2.000 EACH	2,000.00000	4,000.00	600.00000	1,200.00	580.00000	1,160.00
630-80360	Drum Channelizing Device	30.000 EACH	35.00000	1,050.00	50.00000	1,500.00	46.75000	1,402.50
630-80380	Traffic Cone	75.000 EACH	10.00000	750.00	6.00000	450.00	11.75000	881.25
630-85040	Impact Attenuator (Truck Mounted Attenuator) (Temporary)	2.000 EACH	9,000.00000	18,000.00	8,750.00000	17,500.00	8,800.00000	17,600.00
632-00000	Night Work Lighting	1.000 L S	20,000.00000	20,000.00	2,175.00000	2,175.00	14,000.00000	14,000.00
<b>Section Totals:</b>				\$725,000.00		\$568,652.50		\$725,970.90

Tabulation of Bids

Contract ID: C23330

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<b>Contract Grand Totals</b>	<b>\$725,000.00</b>	<b>\$568,652.50</b>	<b>\$725,970.90</b>
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Colorado Department Of Transportation

Printed On: 07/23/2020

Low Bid Item Analysis

Page 1 of 4

Contract ID: C23330

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION:</b>	0001	Culvert Work						
0005	201-00000 Clearing and Grubbing	1.000	50,000.00000	3,000.00000 L S	50,000.00	3,000.00	6.00%	-47,000.00
0010	202-04008 Clean Culvert	501.000	65.00000	85.00000 LF	32,565.00	42,585.00	130.77%	10,020.00
0015	203-01594 Combination Loader	30.000	210.00000	125.00000 HOUR	6,300.00	3,750.00	59.52%	-2,550.00
0020	203-02330 Laborer	30.000	60.00000	45.00000 HOUR	1,800.00	1,350.00	75.00%	-450.00
0025	207-00205 Topsoil	296.000	25.00000	55.00000 CY	7,400.00	16,280.00	220.00%	8,880.00
0030	208-00002 Erosion Log Type 1 (12 Inch)	120.000	8.00000	4.50000 LF	960.00	540.00	56.25%	-420.00
0035	208-00011 Erosion Bales (Weed Free)	245.000	25.00000	25.00000 EACH	6,125.00	6,125.00	100.00%	0.00
0040	208-00045 Concrete Washout Structure	4.000	2,000.00000	750.00000 EACH	8,000.00	3,000.00	37.50%	-5,000.00
0045	208-00103 Removal and Disposal of Sediment (Labor)	50.000	75.00000	45.00000 HOUR	3,750.00	2,250.00	60.00%	-1,500.00
0050	208-00105 Removal and Disposal of Sediment (Equipment)	50.000	150.00000	110.00000 HOUR	7,500.00	5,500.00	73.33%	-2,000.00
0055	208-00107 Removal of Trash	20.000	70.00000	45.00000 HOUR	1,400.00	900.00	64.29%	-500.00
0060	208-00207 Erosion Control Management	50.000	300.00000	95.00000 DAY	15,000.00	4,750.00	31.67%	-10,250.00

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Low Bid Item Analysis

Page 2 of 4

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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	Culvert Work						
0065	208-00400 Water Control	1.000	50,000.00000	15,000.00000 L S	50,000.00	15,000.00	30.00%	-35,000.00
0070	211-02277 Cement Grout (Voids)	85.000	1,000.00000	750.00000 CY	85,000.00	63,750.00	75.00%	-21,250.00
0075	212-00006 Seeding (Native)	0.440	1,600.00000	1,800.00000 ACRE	704.00	792.00	112.50%	88.00
0080	212-00032 Soil Conditioning	0.440	3,000.00000	3,000.00000 ACRE	1,320.00	1,320.00	100.00%	0.00
0085	213-00002 Mulching (Weed Free Hay)	0.270	2,500.00000	2,200.00000 ACRE	675.00	594.00	88.00%	-81.00
0090	213-00061 Mulch Tackifier	54.000	3.50000	5.00000 LB	189.00	270.00	142.86%	81.00
0095	216-00201 Soil Retention Blanket (Straw-Coconut) (Biodegradable Class 1)	1,047.000	5.00000	3.50000 SY	5,235.00	3,664.50	70.00%	-1,570.50
0100	601-03000 Concrete Class D	5.000	1,500.00000	1,200.00000 CY	7,500.00	6,000.00	80.00%	-1,500.00
0105	601-06102 Concrete (Patching)	1.000	400.00000	375.00000 CF	400.00	375.00	93.75%	-25.00
0110	602-00000 Reinforcing Steel	434.000	2.00000	2.00000 LB	868.00	868.00	100.00%	0.00
0115	603-00051 Culvert Lining (48 Inch)(Slip)	136.000	600.00000	300.00000 LF	81,600.00	40,800.00	50.00%	-40,800.00
0120	603-00052 Culvert Lining (48 Inch)(Spray Applied)	278.000	330.00000	430.00000 LF	91,740.00	119,540.00	130.30%	27,800.00



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Page 3 of 4

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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	Culvert Work						
0125	603-00065 Culvert Lining (60 Inch)(Spray Applied)	86.000	700.00000	710.00000 LF	60,200.00	61,060.00	101.43%	860.00
0130	607-11525 Fence (Plastic)	236.000	5.00000	2.75000 LF	1,180.00	649.00	55.00%	-531.00
0135	620-00020 Sanitary Facility	2.000	3,000.00000	700.00000 EACH	6,000.00	1,400.00	23.33%	-4,600.00
0140	625-00000 Construction Surveying	1.000	20,000.00000	3,000.00000 L S	20,000.00	3,000.00	15.00%	-17,000.00
0145	626-00000 Mobilization	1.000	50,969.00000	50,000.00000 L S	50,969.00	50,000.00	98.10%	-969.00
0150	626-01114 Public Information Management (Tier IV)	88.000	70.00000	55.00000 DAY	6,160.00	4,840.00	78.57%	-1,320.00
0155	630-00000 Flagging	400.000	35.00000	30.00000 HOUR	14,000.00	12,000.00	85.71%	-2,000.00
0160	630-00007 Traffic Control Inspection	20.000	300.00000	350.00000 DAY	6,000.00	7,000.00	116.67%	1,000.00
0165	630-00012 Traffic Control Management	50.000	750.00000	875.00000 DAY	37,500.00	43,750.00	116.67%	6,250.00
0170	630-80001 Flashing Beacon (Portable)	8.000	700.00000	1,400.00000 EACH	5,600.00	11,200.00	200.00%	5,600.00
0175	630-80335 Barricade (Type 3 M-A) (Temporary)	3.000	180.00000	175.00000 EACH	540.00	525.00	97.22%	-15.00
0180	630-80341 Construction Traffic Sign (Panel Size A)	4.000	50.00000	50.00000 EACH	200.00	200.00	100.00%	0.00

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Low Bid Item Analysis

Page 4 of 4

Contract ID: C23330

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION:</b>	0001	Culvert Work						
0185	630-80342 Construction Traffic Sign (Panel Size B)	44.000	80.00000	75.00000 EACH	3,520.00	3,300.00	93.75%	-220.00
0190	630-80350 Vertical Panel	60.000	40.00000	45.00000 EACH	2,400.00	2,700.00	112.50%	300.00
0195	630-80354 Vertical Panel (With Light) (Steady Burn)	20.000	45.00000	60.00000 EACH	900.00	1,200.00	133.33%	300.00
0200	630-80358 Advance Warning Flashing or Sequencing Arrow Panel (C Type)	2.000	2,000.00000	600.00000 EACH	4,000.00	1,200.00	30.00%	-2,800.00
0205	630-80360 Drum Channelizing Device	30.000	35.00000	50.00000 EACH	1,050.00	1,500.00	142.86%	450.00
0210	630-80380 Traffic Cone	75.000	10.00000	6.00000 EACH	750.00	450.00	60.00%	-300.00
0215	630-85040 Impact Attenuator (Truck Mounted Attenuator) (Temporary)	2.000	9,000.00000	8,750.00000 EACH	18,000.00	17,500.00	97.22%	-500.00
0220	632-00000 Night Work Lighting	1.000	20,000.00000	2,175.00000 L S	20,000.00	2,175.00	10.88%	-17,825.00
<b>Section 0001 Subtotal</b>					<b>\$725,000.00</b>	<b>\$568,652.50</b>	<b>78.43%</b>	<b>-\$156,347.50</b>
<b>Contract Total for Calculated Low Bidders Bid Items</b>					<b>\$725,000.00</b>	<b>\$568,652.50</b>	<b>78.43%</b>	<b>-\$156,347.50</b>