

Colorado Department Of Transportation

Printed On: 08/06/2020

Low Bid Summary

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Letting Date: July 09, 2020

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Call Order	Contract ID	Project(s)	# of Bids	Low Bidder	Estimated Cost	Corrected Bid	Percent of Estimate	Overrun (+) Underrun (-)
006	C23362	STR012A-053	3	AMERICAN WEST CONSTRUCTION, LLC	\$550,000.00	\$537,943.45	97.81%	-\$12,056.55
Letting Totals			3		\$550,000.00	\$537,943.45	97.81%	-\$12,056.55

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## Vendor Ranking

Contract ID: C23362

## Contract Description:

This project is a critical culverts repair project on 4 locations on SH12. Sites will include various combinations of cleaning, repair and spray applied culvert lining. Please contact Project Engineer, Doug Chatelain, at (719) 859-6531 with questions.

Rank	Vendor ID	Vendor Name	Total Bid	Percent Of Low Bid	Percent Of Estimate
1	1282A	AMERICAN WEST CONSTRUCTION, LLC	\$537,943.45	100.00%	97.81%
0	-EST-	Engineer's Estimate	\$550,000.00	102.24%	100.00%
2	1721	Frontier Environmental Services, LLC	\$599,762.25	111.49%	109.05%
3	1685A	Quadex Lining Systems, LLC	\$654,382.50	121.65%	118.98%

Tabulation of Bids

Contract ID: C23362

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1282A AMERICAN WEST CONSTRUCTION, LLC		(2) 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	3,000.00000	3,000.00	16,000.00000	16,000.00	4,128.00000	4,128.00
202-00035	Removal of Pipe	50.000 LF	51.00000	2,550.00	70.00000	3,500.00	22.00000	1,100.00
202-00220	Removal of Asphalt Mat	36.000 SY	44.00000	1,584.00	57.00000	2,052.00	27.00000	972.00
202-00500	Removal of Portions of Present Structure	1.000 EACH	1,591.00000	1,591.00	1,900.00000	1,900.00	1,225.00000	1,225.00
202-04008	Clean Culvert	554.000 LF	35.00000	19,390.00	68.00000	37,672.00	74.00000	40,996.00
203-01510	Backhoe	4.000 HOUR	141.00000	564.00	120.00000	480.00	125.00000	500.00
203-02330	Laborer	20.000 HOUR	52.00000	1,040.00	35.00000	700.00	45.00000	900.00
207-00205	Topsoil	52.000 CY	53.00000	2,756.00	110.00000	5,720.00	14.00000	728.00
208-00012	Erosion Log Type 1 (9 Inch)	400.000 LF	6.50000	2,600.00	4.00000	1,600.00	4.00000	1,600.00
208-00046	Pre-fabricated Concrete Washout Structure (Type 1)	2.000 EACH	1,613.00000	3,226.00	600.00000	1,200.00	1,200.00000	2,400.00
208-00075	Pre-fabricated Vehicle Tracking Pad	4.000 EACH	2,121.00000	8,484.00	1,600.00000	6,400.00	1,200.00000	4,800.00
208-00107	Removal of Trash	20.000 HOUR	89.00000	1,780.00	46.00000	920.00	215.00000	4,300.00
208-00400	Water Control	1.000 L S	18,000.00000	18,000.00	20,000.00000	20,000.00	15,000.00000	15,000.00
210-00001	Reset Structure	1.000 EACH	2,500.00000	2,500.00	2,200.00000	2,200.00	600.00000	600.00
211-02277	Cement Grout (Voids)	10.000 CY	1,288.00000	12,880.00	650.00000	6,500.00	3,200.00000	32,000.00

Tabulation of Bids

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Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1282A AMERICAN WEST CONSTRUCTION, LLC		(2) 1721 Frontier Environmental Services, LLC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001	BID ITEMS						
						<b>LCC:</b>		
212-00006	Seeding (Native)	1.100 ACRE	1,500.00000	1,650.00	8,000.00000	8,800.00	5,000.00000	5,500.00
213-00004	Mulching (Weed Free Straw)	1.220 ACRE	3,100.00000	3,782.00	3,700.00000	4,514.00	2,000.00000	2,440.00
216-00221	Soil Retention Blanket (Coconut) (Biodegradable Class 1)	555.000 SY	4.75000	2,636.25	4.00000	2,220.00	4.00000	2,220.00
403-00721	Hot Mix Asphalt (Patching) (Asphalt)	36.000 SY	175.00000	6,300.00	180.00000	6,480.00	210.00000	7,560.00
603-00052	Culvert Lining (48 Inch)(Spray Applied)	491.000 LF	350.00000	171,850.00	280.00000	137,480.00	435.00000	213,585.00
603-02305	38x24 Inch Reinforced Concrete Pipe Elliptical (Complete In Place)	120.000 LF	335.00000	40,200.00	250.00000	30,000.00	185.00000	22,200.00
603-05130	38x24 Inch Reinforced Concrete End Section Elliptical	4.000 EACH	2,200.00000	8,800.00	2,600.00000	10,400.00	3,500.00000	14,000.00
607-11525	Fence (Plastic)	673.000 LF	4.25000	2,860.25	3.40000	2,288.20	2.25000	1,514.25
614-10120	Variable Message Sign	4.000 EACH	6,500.00000	26,000.00	4,500.00000	18,000.00	5,200.00000	20,800.00
620-00020	Sanitary Facility	2.000 EACH	2,121.00000	4,242.00	160.00000	320.00	300.00000	600.00
621-00411	Structure Temporary Access Road (Location 1)	1.000 L S	35,000.00000	35,000.00	24,000.00000	24,000.00	15,250.00000	15,250.00
626-00000	Mobilization	1.000 L S	65,655.50000	65,655.50	95,000.00000	95,000.00	36,000.00000	36,000.00
626-01114	Public Information Management (Tier IV)	90.000 DAY	70.00000	6,300.00	50.00000	4,500.00	80.00000	7,200.00
627-00004	Epoxy Pavement Marking	14.000 SF	15.00000	210.00	170.00000	2,380.00	850.00000	11,900.00
630-00000	Flagging	696.000 HOUR	29.00000	20,184.00	22.00000	15,312.00	34.00000	23,664.00

Tabulation of Bids

Contract ID: C23362

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1282A AMERICAN WEST CONSTRUCTION, LLC		(2) 1721 Frontier Environmental Services, LLC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001	BID ITEMS						
						<b>LCC:</b>		
630-00007	Traffic Control Inspection	32.000 DAY	200.00000	6,400.00	80.00000	2,560.00	450.00000	14,400.00
630-00012	Traffic Control Management	45.000 DAY	800.00000	36,000.00	675.00000	30,375.00	950.00000	42,750.00
630-80341	Construction Traffic Sign (Panel Size A)	57.000 EACH	50.00000	2,850.00	12.00000	684.00	50.00000	2,850.00
630-80380	Traffic Cone	75.000 EACH	8.20000	615.00	1.15000	86.25	12.00000	900.00
630-85041	Mobile Attenuator	68.000 DAY	390.00000	26,520.00	525.00000	35,700.00	635.00000	43,180.00
<b>Section Totals:</b>				\$550,000.00		\$537,943.45		\$599,762.25
<b>Contract Grand Totals</b>				<b>\$550,000.00</b>		<b>\$537,943.45</b>		<b>\$599,762.25</b>

Tabulation of Bids

Contract ID: C23362

Item Code	Description	Quantity	(3) 1685A Quadex Lining Systems, 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	500.00000	500.00				
202-00035	Removal of Pipe	50.000 LF	40.00000	2,000.00				
202-00220	Removal of Asphalt Mat	36.000 SY	10.00000	360.00				
202-00500	Removal of Portions of Present Structure	1.000 EACH	250.00000	250.00				
202-04008	Clean Culvert	554.000 LF	35.00000	19,390.00				
203-01510	Backhoe	4.000 HOUR	250.00000	1,000.00				
203-02330	Laborer	20.000 HOUR	75.00000	1,500.00				
207-00205	Topsoil	52.000 CY	40.00000	2,080.00				
208-00012	Erosion Log Type 1 (9 Inch)	400.000 LF	4.50000	1,800.00				
208-00046	Pre-fabricated Concrete Washout Structure (Type 1)	2.000 EACH	5,000.00000	10,000.00				
208-00075	Pre-fabricated Vehicle Tracking Pad	4.000 EACH	2,500.00000	10,000.00				
208-00107	Removal of Trash	20.000 HOUR	125.00000	2,500.00				
208-00400	Water Control	1.000 L S	9,000.00000	9,000.00				
210-00001	Reset Structure	1.000 EACH	500.00000	500.00				
211-02277	Cement Grout (Voids)	10.000 CY	100.00000	1,000.00				

Tabulation of Bids

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Item Code	Description	Quantity	(3) 1685A Quadex Lining Systems, LLC.					
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001	BID ITEMS						<b>LCC:</b>
212-00006	Seeding (Native)	1.100 ACRE	10,000.00000	11,000.00				
213-00004	Mulching (Weed Free Straw)	1.220 ACRE	5,000.00000	6,100.00				
216-00221	Soil Retention Blanket (Coconut) (Biodegradable Class 1)	555.000 SY	4.00000	2,220.00				
403-00721	Hot Mix Asphalt (Patching) (Asphalt)	36.000 SY	70.00000	2,520.00				
603-00052	Culvert Lining (48 Inch)(Spray Applied)	491.000 LF	597.00000	293,127.00				
603-02305	38x24 Inch Reinforced Concrete Pipe Elliptical (Complete In Place)	120.000 LF	350.00000	42,000.00				
603-05130	38x24 Inch Reinforced Concrete End Section Elliptical	4.000 EACH	3,500.00000	14,000.00				
607-11525	Fence (Plastic)	673.000 LF	3.50000	2,355.50				
614-10120	Variable Message Sign	4.000 EACH	9,600.00000	38,400.00				
620-00020	Sanitary Facility	2.000 EACH	3,000.00000	6,000.00				
621-00411	Structure Temporary Access Road (Location 1)	1.000 L S	5,000.00000	5,000.00				
626-00000	Mobilization	1.000 L S	55,000.00000	55,000.00				
626-01114	Public Information Management (Tier IV)	90.000 DAY	97.50000	8,775.00				
627-00004	Epoxy Pavement Marking	14.000 SF	360.00000	5,040.00				
630-00000	Flagging	696.000 HOUR	40.00000	27,840.00				

Tabulation of Bids

Contract ID: C23362

				(3) 1685A Quadex Lining Systems, LLC.					
Item Code	Description	Quantity		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001	BID ITEMS				<b>LCC:</b>			
630-00007	Traffic Control Inspection	32.000	DAY	400.00000	12,800.00				
630-00012	Traffic Control Management	45.000	DAY	775.00000	34,875.00				
630-80341	Construction Traffic Sign (Panel Size A)	57.000	EACH	25.00000	1,425.00				
630-80380	Traffic Cone	75.000	EACH	3.00000	225.00				
630-85041	Mobile Attenuator	68.000	DAY	350.00000	23,800.00				
<b>Section Totals:</b>				\$654,382.50					
<b>Contract Grand Totals</b>				<b>\$654,382.50</b>					



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Low Bid Item Analysis

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Contract ID: C23362

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	3,000.00000	16,000.00000 L S	3,000.00	16,000.00	533.33%	13,000.00
0010	202-00035 Removal of Pipe	50.000	51.00000	70.00000 LF	2,550.00	3,500.00	137.25%	950.00
0015	202-00220 Removal of Asphalt Mat	36.000	44.00000	57.00000 SY	1,584.00	2,052.00	129.55%	468.00
0020	202-00500 Removal of Portions of Present Structure	1.000	1,591.00000	1,900.00000 EACH	1,591.00	1,900.00	119.42%	309.00
0025	202-04008 Clean Culvert	554.000	35.00000	68.00000 LF	19,390.00	37,672.00	194.29%	18,282.00
0030	203-01510 Backhoe	4.000	141.00000	120.00000 HOUR	564.00	480.00	85.11%	-84.00
0035	203-02330 Laborer	20.000	52.00000	35.00000 HOUR	1,040.00	700.00	67.31%	-340.00
0040	207-00205 Topsoil	52.000	53.00000	110.00000 CY	2,756.00	5,720.00	207.55%	2,964.00
0045	208-00012 Erosion Log Type 1 (9 Inch)	400.000	6.50000	4.00000 LF	2,600.00	1,600.00	61.54%	-1,000.00
0050	208-00046 Pre-fabricated Concrete Washout Structure (Type 1)	2.000	1,613.00000	600.00000 EACH	3,226.00	1,200.00	37.20%	-2,026.00
0055	208-00075 Pre-fabricated Vehicle Tracking Pad	4.000	2,121.00000	1,600.00000 EACH	8,484.00	6,400.00	75.44%	-2,084.00
0060	208-00107 Removal of Trash	20.000	89.00000	46.00000 HOUR	1,780.00	920.00	51.69%	-860.00

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Low Bid Item Analysis

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Contract ID: C23362

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION:</b>	0001	BID ITEMS						
0065	208-00400 Water Control	1.000	18,000.00000	20,000.00000 L S	18,000.00	20,000.00	111.11%	2,000.00
0070	210-00001 Reset Structure	1.000	2,500.00000	2,200.00000 EACH	2,500.00	2,200.00	88.00%	-300.00
0075	211-02277 Cement Grout (Voids)	10.000	1,288.00000	650.00000 CY	12,880.00	6,500.00	50.47%	-6,380.00
0080	212-00006 Seeding (Native)	1.100	1,500.00000	8,000.00000 ACRE	1,650.00	8,800.00	533.33%	7,150.00
0085	213-00004 Mulching (Weed Free Straw)	1.220	3,100.00000	3,700.00000 ACRE	3,782.00	4,514.00	119.35%	732.00
0090	216-00221 Soil Retention Blanket (Coconut) (Biodegradable Class 1)	555.000	4.75000	4.00000 SY	2,636.25	2,220.00	84.21%	-416.25
0095	403-00721 Hot Mix Asphalt (Patching) (Asphalt)	36.000	175.00000	180.00000 SY	6,300.00	6,480.00	102.86%	180.00
0100	603-00052 Culvert Lining (48 Inch)(Spray Applied)	491.000	350.00000	280.00000 LF	171,850.00	137,480.00	80.00%	-34,370.00
0105	603-02305 38x24 Inch Reinforced Concrete Pipe Elliptical (Complete In Place)	120.000	335.00000	250.00000 LF	40,200.00	30,000.00	74.63%	-10,200.00
0110	603-05130 38x24 Inch Reinforced Concrete End Section Elliptical	4.000	2,200.00000	2,600.00000 EACH	8,800.00	10,400.00	118.18%	1,600.00
0115	607-11525 Fence (Plastic)	673.000	4.25000	3.40000 LF	2,860.25	2,288.20	80.00%	-572.05

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Low Bid Item Analysis

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Contract ID: C23362

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION:</b>	0001	BID ITEMS						
0120	614-10120 Variable Message Sign	4.000	6,500.00000	4,500.00000 EACH	26,000.00	18,000.00	69.23%	-8,000.00
0125	620-00020 Sanitary Facility	2.000	2,121.00000	160.00000 EACH	4,242.00	320.00	7.54%	-3,922.00
0130	621-00411 Structure Temporary Access Road (Location 1)	1.000	35,000.00000	24,000.00000 L S	35,000.00	24,000.00	68.57%	-11,000.00
0135	626-00000 Mobilization	1.000	65,655.50000	95,000.00000 L S	65,655.50	95,000.00	144.69%	29,344.50
0140	626-01114 Public Information Management (Tier IV)	90.000	70.00000	50.00000 DAY	6,300.00	4,500.00	71.43%	-1,800.00
0145	627-00004 Epoxy Pavement Marking	14.000	15.00000	170.00000 SF	210.00	2,380.00	1133.33%	2,170.00
0150	630-00000 Flagging	696.000	29.00000	22.00000 HOUR	20,184.00	15,312.00	75.86%	-4,872.00
0155	630-00007 Traffic Control Inspection	32.000	200.00000	80.00000 DAY	6,400.00	2,560.00	40.00%	-3,840.00
0160	630-00012 Traffic Control Management	45.000	800.00000	675.00000 DAY	36,000.00	30,375.00	84.38%	-5,625.00
0165	630-80341 Construction Traffic Sign (Panel Size A)	57.000	50.00000	12.00000 EACH	2,850.00	684.00	24.00%	-2,166.00
0170	630-80380 Traffic Cone	75.000	8.20000	1.15000 EACH	615.00	86.25	14.02%	-528.75
0175	630-85041 Mobile Attenuator	68.000	390.00000	525.00000 DAY	26,520.00	35,700.00	134.62%	9,180.00

Low Bid Item Analysis

Contract ID: C23362

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>Section 0001 Subtotal</b>					\$550,000.00	\$537,943.45	97.81%	-\$12,056.55
<b>Contract Total for Calculated Low Bidders Bid Items</b>					<b>\$550,000.00</b>	<b>\$537,943.45</b>	<b>97.81%</b>	<b>-\$12,056.55</b>