

Colorado Department of TransportationPrinted On: **10/09/2024****Low Bid Summary**

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Letting Date: October 09, 2024

Call Order	Contract ID	Project(s)	# of Bids	Low Bidder	Estimated Cost	Corrected Bid	Percent of Estimate	Overrun (+) Underrun (-)
001	C26599	FSA072A-051	1	STRUCTURES, INC.	\$650,000.00	\$614,456.24	94.53%	-\$35,543.76
Letting Totals			1		\$650,000.00	\$614,456.24	94.53%	-\$35,543.76

Colorado Department of TransportationPrinted On: **10/09/2024****Vendor Ranking**

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Contract Description:
SH 72 AT 80TH AVE

Contract ID: C26599

Rank	Vendor ID	Vendor Name	Total Bid	Percent Of Low Bid	Percent Of Estimate
1	1086A	STRUCTURES, INC.	\$614,456.24	100.00%	94.53%
0	-EST-	Engineer's Estimate	\$650,000.00	105.78%	100.00%

Tabulation of Bids

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Contract ID: C26599

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1086A STRUCTURES, INC.		Unit Price	Amount
			Unit Price	Amount	Unit Price	Amount		
SECTION: 0001 ROADWAY								
202-00000 Removal of Structures and Obstructions		1.000 L S	20,000.00000	20,000.00	20,417.51000	20,417.51		
202-00220 Removal of Asphalt Mat		123.000 SY	43.09651	5,300.87	37.53000	4,616.19		
202-00240 Removal of Asphalt Mat (Planing)		63.000 SY	7.80344	491.62	59.65000	3,757.95		
203-00000 Unclassified Excavation		142.000 CY	50.00000	7,100.00	69.52000	9,871.84		
203-01597 Potholing		50.000 HOUR	354.53360	17,726.68	175.50000	8,775.00		
206-00000 Structure Excavation		142.000 CY	79.77812	11,328.49	106.92000	15,182.64		
206-00065 Structure Backfill (Flow-Fill)		61.000 CY	376.38856	22,959.70	704.44000	42,970.84		
207-00702 Topsoil (Offsite)		21.000 CY	130.95676	2,750.09	83.00000	1,743.00		
208-00012 Erosion Log Type 1 (9 Inch)		190.000 LF	7.01639	1,333.11	10.97000	2,084.30		
208-00041 Rock Check Dam		2.000 EACH	1,524.19004	3,048.38	2,112.48000	4,224.96		
208-00046 Pre-fabricated Concrete Washout Structure (Type 1)		1.000 EACH	3,161.36209	3,161.36	2,880.42000	2,880.42		
208-00070 Vehicle Tracking Pad		2.000 EACH	3,760.03134	7,520.06	6,263.81000	12,527.62		
208-00103 Removal and Disposal of Sediment (Labor)		5.000 HOUR	85.37339	426.87	76.35000	381.75		
208-00105 Removal and Disposal of Sediment (Equipment)		5.000 HOUR	171.09537	855.48	158.96000	794.80		
208-00106 Sweeping (Sediment Removal)		5.000 HOUR	147.32938	736.65	168.56000	842.80		

Tabulation of Bids

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Contract ID: C26599

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1086A STRUCTURES, INC.		Unit Price	Amount
			Unit Price	Amount	Unit Price	Amount		
SECTION: 0001 ROADWAY							LCC:	
208-00207 Erosion Control Management		5.000 DAY	592.26780	2,961.34	702.00000	3,510.00		
212-00700 Organic Fertilizer		30.000 LB	9.74038	292.21	8.64000	259.20		
212-00701 Compost (Mechanically Applied)		7.000 CY	152.42059	1,066.94	108.00000	756.00		
212-00704 Mycorrhizae		6.000 LB	35.02205	210.13	162.09000	972.54		
212-00708 Seeding (Native) Broadcast		0.100 ACRE	9,444.98654	944.50	9,180.00000	918.00		
213-00004 Mulching (Weed Free Straw)		0.100 ACRE	4,146.28073	414.63	9,180.00000	918.00		
213-00061 Mulch Tackifier		10.000 LB	16.04336	160.43	16.20000	162.00		
216-00101 Soil Retention Blanket (Straw-Coconut) (Photodegradable Class 1)		101.000 SY	7.32644	739.97	6.48000	654.48		
304-06007 Aggregate Base Course (Class 6)		97.000 CY	80.00000	7,760.00	80.87000	7,844.39		
403-33841 Hot Mix Asphalt (Grading S) (100) (PG 64-22)		50.000 TON	120.00000	6,000.00	194.40000	9,720.00		
403-34871 Hot Mix Asphalt (Grading SX) (100) (PG 76-28)		32.000 TON	180.00000	5,760.00	270.00000	8,640.00		
411-10255 Emulsified Asphalt (Slow-Setting)		41.000 GAL	6.00000	246.00	19.44000	797.04		
515-00120 Waterproofing (Membrane)		88.000 SY	20.00000	1,760.00	67.75000	5,962.00		
517-00050 Waterproofing (Joint)		300.000 LF	30.00000	9,000.00	19.55000	5,865.00		
601-03030 Concrete Class D (Box Culvert)		40.000 CY	2,200.00000	88,000.00	1,027.49000	41,099.60		

Tabulation of Bids

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Contract ID: C26599

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1086A STRUCTURES, INC.		Unit Price	Amount
			Unit Price	Amount	Unit Price	Amount		
SECTION: 0001 ROADWAY								
602-00020	Reinforcing Steel (Epoxy Coated)	3,424.000 LB	3.83836	13,142.54	2.50000	8,560.00		
603-70804	8x4 Foot Concrete Box Culvert (Precast)	61.000 LF	2,800.00000	170,800.00	2,157.84000	131,628.24		
606-00302	Guardrail Type 3 (31 Inch Midwest Guardrail System)	225.000 LF	76.91005	17,304.76	80.30000	18,067.50		
606-01340	End Anchorage Type 3D	1.000 EACH	2,070.27492	2,070.27	3,188.16000	3,188.16		
606-01385	Transition Type 3J	2.000 EACH	1,240.85656	2,481.71	5,989.68000	11,979.36		
606-01390	End Anchorage Type 3K	2.000 EACH	1,214.03157	2,428.06	3,341.52000	6,683.04		
606-02003	End Anchorage (Nonflared)	1.000 EACH	2,447.57658	2,447.58	6,292.08000	6,292.08		
612-00001	Delineator (Type I)	1.000 EACH	48.42350	48.42	152.70000	152.70		
612-00003	Delineator (Type III)	3.000 EACH	48.83723	146.51	158.50000	475.50		
620-00020	Sanitary Facility	1.000 EACH	3,523.95644	3,523.96	1,624.00000	1,624.00		
625-00000	Construction Surveying	1.000 LS	2,500.00000	2,500.00	16,200.00000	16,200.00		
626-00000	Mobilization	1.000 LS	84,922.89000	84,922.89	117,480.98000	117,480.98		
626-01104	Public Information Services (Tier IV)	1.000 LS	5,000.00000	5,000.00	4,158.00000	4,158.00		
627-00005	Epoxy Pavement Marking	8.000 GAL	255.79178	2,046.33	540.00000	4,320.00		
630-00000	Flagging	248.000 HOUR	36.31630	9,006.44	51.30000	12,722.40		

Tabulation of Bids

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Contract ID: C26599

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1086A STRUCTURES, INC.		Unit Price	Amount
			Unit Price	Amount	Unit Price	Amount		
SECTION: 0001 ROADWAY								
630-00007	Traffic Control Inspection	7.000 DAY	600.00000	4,200.00	397.29000	2,781.03		
630-00012	Traffic Control Management	14.000 DAY	1,500.00000	21,000.00	1,180.29000	16,524.06		
630-80335	Barricade (Type 3 M-A) (Temporary)	8.000 EACH	173.87008	1,390.96	21.60000	172.80		
630-80341	Construction Traffic Sign (Panel Size A)	36.000 EACH	47.28733	1,702.34	13.50000	486.00		
630-80342	Construction Traffic Sign (Panel Size B)	10.000 EACH	63.76209	637.62	13.50000	135.00		
630-80343	Construction Traffic Sign (Panel Size C)	8.000 EACH	76.92830	615.43	13.50000	108.00		
630-80350	Vertical Panel	150.000 EACH	30.86273	4,629.41	5.40000	810.00		
630-80355	Portable Message Sign Panel	10.000 EACH	5,532.92340	55,329.23	1,566.00000	15,660.00		
630-80356	Advance Warning Flashing or Sequencing Arrow Panel (A Type)	2.000 EACH	1,285.01376	2,570.03	210.60000	421.20		
632-00000	Night Work Lighting	1.000 L S	10,000.00000	10,000.00	14,676.32000	14,676.32		
Section Totals:			\$650,000.00		\$614,456.24			
Contract Grand Totals			\$650,000.00		\$614,456.24			

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Low Bid Item Analysis

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Contract ID: C26599

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0005	202-00000	1.000	20,000.00000	20,417.51000	20,000.00	20,417.51	102.09%	417.51
	Removal of Structures and Obstructions			L S				
0010	202-00220	123.000	43.09651	37.53000	5,300.87	4,616.19	87.08%	-684.68
	Removal of Asphalt Mat			SY				
0015	202-00240	63.000	7.80344	59.65000	491.62	3,757.95	764.40%	3,266.33
	Removal of Asphalt Mat (Planing)			SY				
0020	203-00000	142.000	50.00000	69.52000	7,100.00	9,871.84	139.04%	2,771.84
	Unclassified Excavation			CY				
0025	203-01597	50.000	354.53360	175.50000	17,726.68	8,775.00	49.50%	-8,951.68
	Potholing			HOUR				
0030	206-00000	142.000	79.77812	106.92000	11,328.49	15,182.64	134.02%	3,854.15
	Structure Excavation			CY				
0035	206-00065	61.000	376.38856	704.44000	22,959.70	42,970.84	187.16%	20,011.14
	Structure Backfill (Flow-Fill)			CY				
0040	207-00702	21.000	130.95676	83.00000	2,750.09	1,743.00	63.38%	-1,007.09
	Topsoil (Offsite)			CY				
0045	208-00012	190.000	7.01639	10.97000	1,333.11	2,084.30	156.35%	751.19
	Erosion Log Type 1 (9 Inch)			LF				
0050	208-00041	2.000	1,524.19004	2,112.48000	3,048.38	4,224.96	138.60%	1,176.58
	Rock Check Dam			EACH				
0055	208-00046	1.000	3,161.36209	2,880.42000	3,161.36	2,880.42	91.11%	-280.94
	Pre-fabricated Concrete Washout Structure (Type 1)			EACH				
0060	208-00070	2.000	3,760.03134	6,263.81000	7,520.06	12,527.62	166.59%	5,007.56
	Vehicle Tracking Pad			EACH				

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Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0065	208-00103	5.000	85.37339	76.35000 HOUR	426.87	381.75	89.43%	-45.12
	Removal and Disposal of Sediment (Labor)							
0070	208-00105	5.000	171.09537	158.96000 HOUR	855.48	794.80	92.91%	-60.68
	Removal and Disposal of Sediment (Equipment)							
0075	208-00106	5.000	147.32938	168.56000 HOUR	736.65	842.80	114.41%	106.15
	Sweeping (Sediment Removal)							
0080	208-00207	5.000	592.26780	702.00000 DAY	2,961.34	3,510.00	118.53%	548.66
	Erosion Control Management							
0085	212-00700	30.000	9.74038	8.64000 LB	292.21	259.20	88.70%	-33.01
	Organic Fertilizer							
0090	212-00701	7.000	152.42059	108.00000 CY	1,066.94	756.00	70.86%	-310.94
	Compost (Mechanically Applied)							
0095	212-00704	6.000	35.02205	162.09000 LB	210.13	972.54	462.83%	762.41
	Mycorrhizae							
0100	212-00708	0.100	9,444.98654	9,180.00000 ACRE	944.50	918.00	97.19%	-26.50
	Seeding (Native) Broadcast							
0105	213-00004	0.100	4,146.28073	9,180.00000 ACRE	414.63	918.00	221.40%	503.37
	Mulching (Weed Free Straw)							
0110	213-00061	10.000	16.04336	16.20000 LB	160.43	162.00	100.98%	1.57
	Mulch Tackifier							
0115	216-00101	101.000	7.32644	6.48000 SY	739.97	654.48	88.45%	-85.49
	Soil Retention Blanket (Straw-Coconut) (Photodegradable Class 1)							
0120	304-06007	97.000	80.00000	80.87000 CY	7,760.00	7,844.39	101.09%	84.39
	Aggregate Base Course (Class 6)							

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Contract ID: C26599

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0125	403-33841	50.000	120.00000	194.40000 TON	6,000.00	9,720.00	162.00%	3,720.00
	Hot Mix Asphalt (Grading S) (100) (PG 64-22)							
0130	403-34871	32.000	180.00000	270.00000 TON	5,760.00	8,640.00	150.00%	2,880.00
	Hot Mix Asphalt (Grading SX) (100) (PG 76-28)							
0135	411-10255	41.000	6.00000	19.44000 GAL	246.00	797.04	324.00%	551.04
	Emulsified Asphalt (Slow-Setting)							
0140	515-00120	88.000	20.00000	67.75000 SY	1,760.00	5,962.00	338.75%	4,202.00
	Waterproofing (Membrane)							
0145	517-00050	300.000	30.00000	19.55000 LF	9,000.00	5,865.00	65.17%	-3,135.00
	Waterproofing (Joint)							
0150	601-03030	40.000	2,200.00000	1,027.49000 CY	88,000.00	41,099.60	46.70%	-46,900.40
	Concrete Class D (Box Culvert)							
0155	602-00020	3,424.000	3.83836	2.50000 LB	13,142.54	8,560.00	65.13%	-4,582.54
	Reinforcing Steel (Epoxy Coated)							
0160	603-70804	61.000	2,800.00000	2,157.84000 LF	170,800.00	131,628.24	77.07%	-39,171.76
	8x4 Foot Concrete Box Culvert (Precast)							
0165	606-00302	225.000	76.91005	80.30000 LF	17,304.76	18,067.50	104.41%	762.74
	Guardrail Type 3 (31 Inch Midwest Guardrail System)							
0170	606-01340	1.000	2,070.27492	3,188.16000 EACH	2,070.27	3,188.16	154.00%	1,117.89
	End Anchorage Type 3D							
0175	606-01385	2.000	1,240.85656	5,989.68000 EACH	2,481.71	11,979.36	482.71%	9,497.65
	Transition Type 3J							
0180	606-01390	2.000	1,214.03157	3,341.52000 EACH	2,428.06	6,683.04	275.24%	4,254.98
	End Anchorage Type 3K							

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Low Bid Item Analysis

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Contract ID: C26599								
Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0185	606-02003	1.000	2,447.57658	6,292.08000 EACH	2,447.58	6,292.08	257.07%	3,844.50
	End Anchorage (Nonflared)							
0190	612-00001	1.000	48.42350	152.70000 EACH	48.42	152.70	315.37%	104.28
	Delineator (Type I)							
0195	612-00003	3.000	48.83723	158.50000 EACH	146.51	475.50	324.55%	328.99
	Delineator (Type III)							
0200	620-00020	1.000	3,523.95644	1,624.00000 EACH	3,523.96	1,624.00	46.08%	-1,899.96
	Sanitary Facility							
0205	625-00000	1.000	2,500.00000	16,200.00000 L S	2,500.00	16,200.00	648.00%	13,700.00
	Construction Surveying							
0210	626-00000	1.000	84,922.89000	117,480.98000 L S	84,922.89	117,480.98	138.34%	32,558.09
	Mobilization							
0215	626-01104	1.000	5,000.00000	4,158.00000 L S	5,000.00	4,158.00	83.16%	-842.00
	Public Information Services (Tier IV)							
0220	627-00005	8.000	255.79178	540.00000 GAL	2,046.33	4,320.00	211.11%	2,273.67
	Epoxy Pavement Marking							
0225	630-00000	248.000	36.31630	51.30000 HOUR	9,006.44	12,722.40	141.26%	3,715.96
	Flagging							
0230	630-00007	7.000	600.00000	397.29000 DAY	4,200.00	2,781.03	66.22%	-1,418.97
	Traffic Control Inspection							
0235	630-00012	14.000	1,500.00000	1,180.29000 DAY	21,000.00	16,524.06	78.69%	-4,475.94
	Traffic Control Management							
0240	630-80335	8.000	173.87008	21.60000 EACH	1,390.96	172.80	12.42%	-1,218.16
	Barricade (Type 3 M-A) (Temporary)							

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Low Bid Item Analysis

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Contract ID: C26599

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0245	630-80341	36.000	47.28733	13.50000 EACH	1,702.34	486.00	28.55%	-1,216.34
	Construction Traffic Sign (Panel Size A)							
0250	630-80342	10.000	63.76209	13.50000 EACH	637.62	135.00	21.17%	-502.62
	Construction Traffic Sign (Panel Size B)							
0255	630-80343	8.000	76.92830	13.50000 EACH	615.43	108.00	17.55%	-507.43
	Construction Traffic Sign (Panel Size C)							
0260	630-80350	150.000	30.86273	5.40000 EACH	4,629.41	810.00	17.50%	-3,819.41
	Vertical Panel							
0265	630-80355	10.000	5,532.92340	1,566.00000 EACH	55,329.23	15,660.00	28.30%	-39,669.23
	Portable Message Sign Panel							
0270	630-80356	2.000	1,285.01376	210.60000 EACH	2,570.03	421.20	16.39%	-2,148.83
	Advance Warning Flashing or Sequencing Arrow Panel (A Type)							
0275	632-00000	1.000	10,000.00000	14,676.32000 L S	10,000.00	14,676.32	146.76%	4,676.32
	Night Work Lighting							
Section 0001 Subtotal					\$650,000.00	\$614,456.24	94.53%	-\$35,543.76
Contract Total for Calculated Low Bidders Bid Items					\$650,000.00	\$614,456.24	94.53%	-\$35,543.76