

**Colorado Department Of Transportation**Printed On: **05/26/2022****Low Bid Summary**

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Letting Date: May 26, 2022

Call Order	Contract ID	Project(s)	# of Bids	Low Bidder	Estimated Cost	Corrected Bid	Percent of Estimate	Overrun (+) Underrun (-)
002	C24444	STAR100-358	3	STRUCTURES, INC.	\$2,391,800.00	\$1,580,730.00	66.09%	-\$811,070.00
Letting Totals			3		\$2,391,800.00	\$1,580,730.00	66.09%	-\$811,070.00

**Colorado Department Of Transportation**Printed On: **05/26/2022****Vendor Ranking**

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Contract ID: C24444

**Contract Description:**

This project will include installing corrugated steel plates to the underside of the decks on three structures in the metro Denver area. Locations include:

SH 88 over Bear Creek (Str F-16-BCC)  
I-70 over Tennyson (Str E-16-DY)  
US 6 over SH 121 (Str F-16-O)

Rank	Vendor ID	Vendor Name	Total Bid	Percent Of Low Bid	Percent Of Estimate
1	1086A	STRUCTURES, INC.	\$1,580,730.00	100.00%	66.09%
2	1174A	HAMILTON CONSTRUCTION CO.	\$1,586,567.00	100.37%	66.33%
3	1415A	RALPH L. WADSWORTH CONSTRUCTION COMPANY, LLC.	\$2,162,261.61	136.79%	90.40%
0	-EST-	Engineer's Estimate	\$2,391,800.00	151.31%	100.00%

## Tabulation of Bids

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Contract ID: C24444

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1086A STRUCTURES, INC.		(2) 1174A HAMILTON CONSTRUCTION CO.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION: 0001 BID ITEMS</b>								
202-00495	Removal of Portions of Present Structure	1.000 L S	3,000.00000	3,000.00	3,337.00000	3,337.00	5,000.00000	5,000.00
203-00850	Expanded Polystyrene Fill (Complete In Place)	8.590 CY	300.00000	2,577.00	1,300.00000	11,167.00	3,200.00000	27,488.00
208-00035	Aggregate Bag	25.000 LF	20.00000	500.00	13.00000	325.00	17.50000	437.50
208-00054	Storm Drain Inlet Protection (Type II)	2.000 EACH	300.00000	600.00	348.00000	696.00	300.00000	600.00
208-00106	Sweeping (Sediment Removal)	5.000 HOUR	200.00000	1,000.00	125.00000	625.00	200.00000	1,000.00
208-00107	Removal of Trash	5.000 HOUR	100.00000	500.00	202.00000	1,010.00	77.50000	387.50
240-00000	Wildlife Biologist	100.000 HOUR	125.00000	12,500.00	85.00000	8,500.00	80.00000	8,000.00
240-00010	Removal of Nests	100.000 HOUR	80.00000	8,000.00	53.00000	5,300.00	75.00000	7,500.00
509-50000	Corrugated Steel Bridge Plank	33,359.000 SF	54.00000	1,801,386.00	32.00000	1,067,488.00	36.00000	1,200,924.00
620-00020	Sanitary Facility	2.000 EACH	2,500.00000	5,000.00	1,568.00000	3,136.00	1,500.00000	3,000.00
626-00000	Mobilization	1.000 L S	199,937.00000	199,937.00	135,092.00000	135,092.00	158,000.00000	158,000.00
626-01113	Public Information Management (Tier III)	150.000 DAY	100.00000	15,000.00	64.00000	9,600.00	75.00000	11,250.00
630-00000	Flagging	1,500.000 HOUR	32.00000	48,000.00	27.00000	40,500.00	20.00000	30,000.00
630-00003	Uniformed Traffic Control	300.000 HOUR	150.00000	45,000.00	148.00000	44,400.00	130.00000	39,000.00
630-00007	Traffic Control Inspection	34.000 DAY	350.00000	11,900.00	265.00000	9,010.00	50.00000	1,700.00

## Tabulation of Bids

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Contract ID: C24444

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1086A STRUCTURES, INC.		(2) 1174A HAMILTON CONSTRUCTION CO.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION: 0001 BID ITEMS</b>								
630-00012	Traffic Control Management	86.000 DAY	1,500.00000	129,000.00	1,113.00000	95,718.00	600.00000	51,600.00
630-80001	Flashing Beacon (Portable)	6.000 EACH	1,500.00000	9,000.00	2,120.00000	12,720.00	500.00000	3,000.00
630-80335	Barricade (Type 3 M-A) (Temporary)	4.000 EACH	200.00000	800.00	238.00000	952.00	50.00000	200.00
630-80341	Construction Traffic Sign (Panel Size A)	18.000 EACH	75.00000	1,350.00	51.00000	918.00	10.00000	180.00
630-80342	Construction Traffic Sign (Panel Size B)	47.000 EACH	100.00000	4,700.00	95.00000	4,465.00	50.00000	2,350.00
630-80343	Construction Traffic Sign (Panel Size C)	12.000 EACH	200.00000	2,400.00	132.00000	1,584.00	50.00000	600.00
630-80355	Portable Message Sign Panel	2.000 EACH	7,500.00000	15,000.00	7,950.00000	15,900.00	2,000.00000	4,000.00
630-80358	Advance Warning Flashing or Sequencing Arrow Panel (C Type)	2.000 EACH	1,500.00000	3,000.00	2,120.00000	4,240.00	250.00000	500.00
630-80360	Drum Channelizing Device	50.000 EACH	50.00000	2,500.00	69.00000	3,450.00	30.00000	1,500.00
630-80380	Traffic Cone	200.000 EACH	20.00000	4,000.00	16.00000	3,200.00	1.00000	200.00
630-80393	Stackable Vertical Panels	120.000 EACH	50.00000	6,000.00	48.00000	5,760.00	45.00000	5,400.00
630-85041	Mobile Attenuator	91.000 DAY	650.00000	59,150.00	1,007.00000	91,637.00	250.00000	22,750.00
<b>Section Totals:</b>			\$2,391,800.00		\$1,580,730.00		\$1,586,567.00	
<b>Contract Grand Totals</b>			\$2,391,800.00		\$1,580,730.00		\$1,586,567.00	

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## Tabulation of Bids

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Contract ID: C24444

Item Code	Description	Quantity	(3) 1415A RALPH L. WADSWORTH CONSTRUCTION CO., LLC		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
			LCC:							
<b>SECTION:</b> 0001	BID ITEMS									
202-00495	Removal of Portions of Present Structure	1.000	L S	6,068.66000	6,068.66					
203-00850	Expanded Polystyrene Fill (Complete In Place)	8.590	CY	1,092.05000	9,380.71					
208-00035	Aggregate Bag	25.000	LF	21.10000	527.50					
208-00054	Storm Drain Inlet Protection (Type II)	2.000	EACH	232.21000	464.42					
208-00106	Sweeping (Sediment Removal)	5.000	HOUR	237.84000	1,189.20					
208-00107	Removal of Trash	5.000	HOUR	882.09000	4,410.45					
240-00000	Wildlife Biologist	100.000	HOUR	85.11000	8,511.00					
240-00010	Removal of Nests	100.000	HOUR	79.79000	7,979.00					
509-50000	Corrugated Steel Bridge Plank	33,359.000	SF	40.13000	1,338,696. 67					
620-00020	Sanitary Facility	2.000	EACH	2,127.85000	4,255.70					
626-00000	Mobilization	1.000	L S	425,000.00000	425,000.00					
626-01113	Public Information Management (Tier III)	150.000	DAY	63.84000	9,576.00					
630-00000	Flagging	1,500.000	HOUR	34.05000	51,075.00					
630-00003	Uniformed Traffic Control	300.000	HOUR	148.95000	44,685.00					
630-00007	Traffic Control Inspection	34.000	DAY	265.98000	9,043.32					

## Tabulation of Bids

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Contract ID: C24444

Item Code	Description	Quantity	(3) 1415A RALPH L. WADSWORTH CONSTRUCTION CO., LLC		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
			LCC:							
<b>SECTION: 0001</b>	BID ITEMS									
630-00012	Traffic Control Management	86.000 DAY	1,117.12000	96,072.32						
630-80001	Flashing Beacon (Portable)	6.000 EACH	2,127.85000	12,767.10						
630-80335	Barricade (Type 3 M-A) (Temporary)	4.000 EACH	239.38000	957.52						
630-80341	Construction Traffic Sign (Panel Size A)	18.000 EACH	51.07000	919.26						
630-80342	Construction Traffic Sign (Panel Size B)	47.000 EACH	95.75000	4,500.25						
630-80343	Construction Traffic Sign (Panel Size C)	12.000 EACH	132.99000	1,595.88						
630-80355	Portable Message Sign Panel	2.000 EACH	7,979.46000	15,958.92						
630-80358	Advance Warning Flashing or Sequencing Arrow Panel (C Type)	2.000 EACH	2,127.85000	4,255.70						
630-80360	Drum Channelizing Device	50.000 EACH	69.16000	3,458.00						
630-80380	Traffic Cone	200.000 EACH	15.96000	3,192.00						
630-80393	Stackable Vertical Panels	120.000 EACH	47.88000	5,745.60						
630-85041	Mobile Attenuator	91.000 DAY	1,010.73000	91,976.43						
<b>Section Totals:</b>				\$2,162,261.61						
<b>Contract Grand Totals</b>				<b>\$2,162,261.61</b>						

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## Low Bid Item Analysis

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Contract ID: C24444

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION:</b> 0001 BID ITEMS								
0005	202-00495	1.000	3,000.00000	3,337.00000	3,000.00	3,337.00	111.23%	337.00
	Removal of Portions of Present Structure			L S				
0010	203-00850	8.590	300.00000	1,300.00000	2,577.00	11,167.00	433.33%	8,590.00
	Expanded Polystyrene Fill (Complete In Place)			CY				
0015	208-00035	25.000	20.00000	13.00000	500.00	325.00	65.00%	-175.00
	Aggregate Bag			LF				
0020	208-00054	2.000	300.00000	348.00000	600.00	696.00	116.00%	96.00
	Storm Drain Inlet Protection (Type II)			EACH				
0025	208-00106	5.000	200.00000	125.00000	1,000.00	625.00	62.50%	-375.00
	Sweeping (Sediment Removal)			HOUR				
0030	208-00107	5.000	100.00000	202.00000	500.00	1,010.00	202.00%	510.00
	Removal of Trash			HOUR				
0035	240-00000	100.000	125.00000	85.00000	12,500.00	8,500.00	68.00%	-4,000.00
	Wildlife Biologist			HOUR				
0040	240-00010	100.000	80.00000	53.00000	8,000.00	5,300.00	66.25%	-2,700.00
	Removal of Nests			HOUR				
0045	509-50000	33,359.00C	54.00000	32.00000	1,801,386.00	1,067,488.00	59.26%	-733,898.00
	Corrugated Steel Bridge Plank			SF				
0050	620-00020	2.000	2,500.00000	1,568.00000	5,000.00	3,136.00	62.72%	-1,864.00
	Sanitary Facility			EACH				
0055	626-00000	1.000	199,937.00000	135,092.00000	199,937.00	135,092.00	67.57%	-64,845.00
	Mobilization			L S				
0060	626-01113	150.000	100.00000	64.00000	15,000.00	9,600.00	64.00%	-5,400.00
	Public Information Management (Tier III)			DAY				

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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 <b>BID ITEMS</b>								
0065	630-00000	1,500.000	32.00000	27.00000 HOUR	48,000.00	40,500.00	84.38%	-7,500.00
	Flagging							
0070	630-00003	300.000	150.00000	148.00000 HOUR	45,000.00	44,400.00	98.67%	-600.00
	Uniformed Traffic Control							
0075	630-00007	34.000	350.00000	265.00000 DAY	11,900.00	9,010.00	75.71%	-2,890.00
	Traffic Control Inspection							
0080	630-00012	86.000	1,500.00000	1,113.00000 DAY	129,000.00	95,718.00	74.20%	-33,282.00
	Traffic Control Management							
0085	630-80001	6.000	1,500.00000	2,120.00000 EACH	9,000.00	12,720.00	141.33%	3,720.00
	Flashing Beacon (Portable)							
0090	630-80335	4.000	200.00000	238.00000 EACH	800.00	952.00	119.00%	152.00
	Barricade (Type 3 M-A) (Temporary)							
0095	630-80341	18.000	75.00000	51.00000 EACH	1,350.00	918.00	68.00%	-432.00
	Construction Traffic Sign (Panel Size A)							
0100	630-80342	47.000	100.00000	95.00000 EACH	4,700.00	4,465.00	95.00%	-235.00
	Construction Traffic Sign (Panel Size B)							
0105	630-80343	12.000	200.00000	132.00000 EACH	2,400.00	1,584.00	66.00%	-816.00
	Construction Traffic Sign (Panel Size C)							
0110	630-80355	2.000	7,500.00000	7,950.00000 EACH	15,000.00	15,900.00	106.00%	900.00
	Portable Message Sign Panel							
0115	630-80358	2.000	1,500.00000	2,120.00000 EACH	3,000.00	4,240.00	141.33%	1,240.00
	Advance Warning Flashing or Sequencing Arrow Panel (C Type)							
0120	630-80360	50.000	50.00000	69.00000 EACH	2,500.00	3,450.00	138.00%	950.00
	Drum Channelizing Device							

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## Low Bid Item Analysis

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Contract ID: C24444

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION: 0001 BID ITEMS</b>								
0125	630-80380 Traffic Cone	200.000	20.00000	16.00000 EACH	4,000.00	3,200.00	80.00%	-800.00
0130	630-80393 Stackable Vertical Panels	120.000	50.00000	48.00000 EACH	6,000.00	5,760.00	96.00%	-240.00
0135	630-85041 Mobile Attenuator	91.000	650.00000	1,007.00000 DAY	59,150.00	91,637.00	154.92%	32,487.00
<b>Section 0001 Subtotal</b>						\$2,391,800.00	\$1,580,730.00	66.09% -\$811,070.00
<b>Contract Total for Calculated Low Bidders Bid Items</b>						<b>\$2,391,800.00</b>	<b>\$1,580,730.00</b>	<b>66.09% -\$811,070.00</b>