

**Colorado Department Of Transportation**Printed On: **03/17/2022****Low Bid Summary**

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Letting Date: March 17, 2022

Call Order	Contract ID	Project(s)	# of Bids	Low Bidder	Estimated Cost	Corrected Bid	Percent of Estimate	Overrun (+) Underrun (-)
008	C24109S	M R100-351	2	KRAEMER NORTH AMERICA, LLC	\$1,200,000.00	\$1,217,455.60	101.45%	\$17,455.60
Letting Totals			2		\$1,200,000.00	\$1,217,455.60	101.45%	\$17,455.60

**Colorado Department Of Transportation**Printed On: **03/17/2022****Vendor Ranking**

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Contract ID: C24109S

Contract Description:

PROJECT MTCE R100-351, SUBACCOUNT 24109

This project will replace (3) overhead sign structures on I-70 between the Kipling St & Wadsworth Blvd interchanges, with (5) cantilever overhead sign structures. One cantilever sign structure will have a special caisson design to attach it to the existing overhead sign structure's caisson.

This project will also replace overhead and ground-mounted Class III sign panels on I-70 between the I-76/Wadsworth and I-25 interchanges.

Rank	Vendor ID	Vendor Name	Total Bid	Percent Of Low Bid	Percent Of Estimate
0	-EST-	Engineer's Estimate	\$1,200,000.00	98.57%	100.00%
1	1581	KRAEMER NORTH AMERICA, LLC	\$1,217,455.60	100.00%	101.45%
2	1086A	STRUCTURES, INC.	\$1,217,804.00	100.03%	101.48%

## Tabulation of Bids

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Contract ID: C24109S

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1581 KRAEMER NORTH AMERICA, LLC		(2) 1086A STRUCTURES, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b> 0001 ROADWAY							<b>LCC:</b>	
201-00000 Clearing and Grubbing		1.000 LS	20,000.00000	20,000.00	1,709.00000	1,709.00	3,700.00000	3,700.00
202-00805 Removal of Overhead Sign Structure		4.000 EACH	15,000.00000	60,000.00	14,347.00000	57,388.00	17,750.00000	71,000.00
202-00810 Removal of Ground Sign		3.000 EACH	2,000.00000	6,000.00	2,088.00000	6,264.00	4,005.00000	12,015.00
202-00821 Removal of Sign Panel		32.000 EACH	1,000.00000	32,000.00	1,114.00000	35,648.00	788.00000	25,216.00
202-01170 Removal of Guardrail Type 7		361.000 LF	100.00000	36,100.00	95.00000	34,295.00	196.00000	70,756.00
203-01597 Potholing		50.000 HOUR	400.00000	20,000.00	439.00000	21,950.00	395.00000	19,750.00
208-00012 Erosion Log Type 1 (9 Inch)		200.000 LF	22.00000	4,400.00	25.00000	5,000.00	13.00000	2,600.00
208-00046 Pre-fabricated Concrete Washout Structure (Type 1)		1.000 EACH	10,800.00000	10,800.00	10,828.00000	10,828.00	2,304.00000	2,304.00
208-00103 Removal and Disposal of Sediment (Labor)		10.000 HOUR	100.00000	1,000.00	100.00000	1,000.00	57.00000	570.00
208-00106 Sweeping (Sediment Removal)		10.000 HOUR	300.00000	3,000.00	271.00000	2,710.00	118.00000	1,180.00
208-00107 Removal of Trash		10.000 HOUR	95.00000	950.00	100.00000	1,000.00	136.00000	1,360.00
212-00006 Seeding (Native)		0.100 ACRE	12,000.00000	1,200.00	10,371.00000	1,037.10	8,960.00000	896.00
212-00032 Soil Conditioning		0.100 ACRE	14,500.00000	1,450.00	17,401.00000	1,740.10	14,310.00000	1,431.00
213-00002 Mulching (Weed Free Hay)		0.100 ACRE	9,800.00000	980.00	8,144.00000	814.40	7,260.00000	726.00
213-00061 Mulch Tackifier		20.000 LB	35.00000	700.00	38.00000	760.00	30.00000	600.00

## Tabulation of Bids

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Contract ID: C24109S

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1581 KRAEMER NORTH AMERICA, LLC		(2) 1086A STRUCTURES, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b> 0001 ROADWAY							<b>LCC:</b>	
217-00020	Herbicide Treatment	10.000 HOUR	160.00000	1,600.00	209.00000	2,090.00	90.00000	900.00
503-00042	Drilled Shaft (42 Inch)	19.000 LF	1,500.00000	28,500.00	1,618.00000	30,742.00	1,336.00000	25,384.00
503-00048	Drilled Shaft (48 Inch)	69.000 LF	1,750.00000	120,750.00	1,540.00000	106,260.00	1,472.00000	101,568.00
503-00060	Drilled Shaft (60 Inch)	33.000 LF	2,100.00000	69,300.00	1,984.00000	65,472.00	2,076.00000	68,508.00
606-00710	Guardrail Type 7 (Style CA)	494.000 LF	300.00000	148,200.00	280.00000	138,320.00	216.00000	106,704.00
613-01200	2 Inch Electrical Conduit (Plastic)	60.000 LF	60.00000	3,600.00	56.00000	3,360.00	63.00000	3,780.00
613-07005	Type Five Pull Box	3.000 EACH	7,400.00000	22,200.00	7,874.00000	23,622.00	2,500.00000	7,500.00
614-00027	Sign Panel (Class II) (Install Only)	24.000 SF	24.00000	576.00	13.00000	312.00	17.00000	408.00
614-00028	Sign Panel (Class III) (Install Only)	4,534.000 SF	9.00000	40,806.00	9.00000	40,806.00	21.00000	95,214.00
614-00615	Steel Signpost (W 6x15)	58.000 LF	150.00000	8,700.00	157.00000	9,106.00	130.00000	7,540.00
614-00818	Steel Signpost (W 8x18)	31.000 LF	160.00000	4,960.00	163.00000	5,053.00	136.00000	4,216.00
614-03002	Concrete Footing (Type 2)	4.000 EACH	2,400.00000	9,600.00	2,923.00000	11,692.00	2,609.00000	10,436.00
614-03003	Concrete Footing (Type 3)	2.000 EACH	3,200.00000	6,400.00	3,132.00000	6,264.00	2,656.00000	5,312.00
614-10050	Modification of Overhead Sign Structure	4.000 EACH	7,500.00000	30,000.00	8,179.00000	32,716.00	9,350.00000	37,400.00
614-32900	Monotube Overhead Sign Cantilever (Install Only)	5.000 EACH	11,000.00000	55,000.00	11,516.00000	57,580.00	8,148.00000	40,740.00

## Tabulation of Bids

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Contract ID: C24109S

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1581 KRAEMER NORTH AMERICA, LLC		(2) 1086A STRUCTURES, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b> 0001 ROADWAY							<b>LCC:</b>	
620-00020 Sanitary Facility		1.000 EACH	2,000.00000	2,000.00	1,566.00000	1,566.00	1,434.00000	1,434.00
625-00000 Construction Surveying		1.000 L S	19,000.00000	19,000.00	16,594.00000	16,594.00	31,800.00000	31,800.00
626-00000 Mobilization		1.000 L S	73,077.00000	73,077.00	153,524.00000	153,524.00	106,950.00000	106,950.00
626-01114 Public Information Management (Tier IV)		86.000 DAY	100.00000	8,600.00	96.00000	8,256.00	73.00000	6,278.00
630-00000 Flagging		50.000 HOUR	55.00000	2,750.00	53.00000	2,650.00	42.00000	2,100.00
630-00003 Uniformed Traffic Control		20.000 HOUR	120.00000	2,400.00	146.00000	2,920.00	132.00000	2,640.00
630-00006 Uniformed Traffic Control (Vehicle)		20.000 HOUR	30.00000	600.00	35.00000	700.00	53.00000	1,060.00
630-00007 Traffic Control Inspection		16.000 DAY	100.00000	1,600.00	313.00000	5,008.00	186.00000	2,976.00
630-00012 Traffic Control Management		60.000 DAY	1,600.00000	96,000.00	1,462.00000	87,720.00	1,260.00000	75,600.00
630-80335 Barricade (Type 3 M-A) (Temporary)		4.000 EACH	220.00000	880.00	104.00000	416.00	64.00000	256.00
630-80341 Construction Traffic Sign (Panel Size A)		27.000 EACH	52.00000	1,404.00	63.00000	1,701.00	87.00000	2,349.00
630-80342 Construction Traffic Sign (Panel Size B)		27.000 EACH	71.00000	1,917.00	77.00000	2,079.00	199.00000	5,373.00
630-80343 Construction Traffic Sign (Panel Size C)		14.000 EACH	100.00000	1,400.00	90.00000	1,260.00	228.00000	3,192.00
630-80348 Construction Information Sign		2.000 EACH	11,350.00000	22,700.00	696.00000	1,392.00	339.00000	678.00
630-80350 Vertical Panel		50.000 EACH	30.00000	1,500.00	35.00000	1,750.00	15.00000	750.00
630-80355 Portable Message Sign Panel		2.000 EACH	8,000.00000	16,000.00	7,796.00000	15,592.00	2,332.00000	4,664.00

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Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1581 KRAEMER NORTH AMERICA, LLC		(2) 1086A STRUCTURES, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION: 0001 ROADWAY</b>								
630-80360	Drum Channelizing Device	50.000 EACH	40.00000	2,000.00	42.00000	2,100.00	24.00000	1,200.00
630-80372	Concrete Barrier (Temporary) (Furnish and Install)	3,600.000 LF	30.00000	108,000.00	34.00000	122,400.00	25.00000	90,000.00
630-80380	Traffic Cone	600.000 EACH	12.00000	7,200.00	11.00000	6,600.00	7.00000	4,200.00
630-80415	Advanced Warning Flashing or Sequencing Panel (C Type)	40.000 DAY	130.00000	5,200.00	90.00000	3,600.00	48.00000	1,920.00
630-80417	Sequential Flashing Warning Light	100.000 EACH	35.00000	3,500.00	35.00000	3,500.00	6.00000	600.00
630-85010	Impact Attenuator (Temporary)	5.000 EACH	6,000.00000	30,000.00	3,356.00000	16,780.00	9,460.00000	47,300.00
630-85041	Mobile Attenuator	50.000 DAY	620.00000	31,000.00	696.00000	34,800.00	901.00000	45,050.00
632-00000	Night Work Lighting	1.000 L S	12,500.00000	12,500.00	9,009.00000	9,009.00	49,720.00000	49,720.00
<b>Section Totals:</b>			\$1,200,000.00		\$1,217,455.60		\$1,217,804.00	
<b>Contract Grand Totals</b>			\$1,200,000.00		\$1,217,455.60		\$1,217,804.00	

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## Low Bid Item Analysis

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Contract ID: C24109S

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION:</b>	0001	ROADWAY						
0005	201-00000	1.000	20,000.00000	1,709.00000	20,000.00	1,709.00	8.55%	-18,291.00
	Clearing and Grubbing			L S				
0010	202-00805	4.000	15,000.00000	14,347.00000	60,000.00	57,388.00	95.65%	-2,612.00
	Removal of Overhead Sign Structure			EACH				
0015	202-00810	3.000	2,000.00000	2,088.00000	6,000.00	6,264.00	104.40%	264.00
	Removal of Ground Sign			EACH				
0020	202-00821	32.000	1,000.00000	1,114.00000	32,000.00	35,648.00	111.40%	3,648.00
	Removal of Sign Panel			EACH				
0025	202-01170	361.000	100.00000	95.00000	36,100.00	34,295.00	95.00%	-1,805.00
	Removal of Guardrail Type 7			LF				
0030	203-01597	50.000	400.00000	439.00000	20,000.00	21,950.00	109.75%	1,950.00
	Potholing			HOUR				
0035	208-00012	200.000	22.00000	25.00000	4,400.00	5,000.00	113.64%	600.00
	Erosion Log Type 1 (9 Inch)			LF				
0040	208-00046	1.000	10,800.00000	10,828.00000	10,800.00	10,828.00	100.26%	28.00
	Pre-fabricated Concrete Washout Structure (Type 1)			EACH				
0045	208-00103	10.000	100.00000	100.00000	1,000.00	1,000.00	100.00%	0.00
	Removal and Disposal of Sediment (Labor)			HOUR				
0050	208-00106	10.000	300.00000	271.00000	3,000.00	2,710.00	90.33%	-290.00
	Sweeping (Sediment Removal)			HOUR				
0055	208-00107	10.000	95.00000	100.00000	950.00	1,000.00	105.26%	50.00
	Removal of Trash			HOUR				
0060	212-00006	0.100	12,000.00000	10,371.00000	1,200.00	1,037.10	86.43%	-162.90
	Seeding (Native)			ACRE				

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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	ROADWAY						
0065	212-00032	0.100	14,500.00000	17,401.00000	1,450.00	1,740.10	120.01%	290.10
	Soil Conditioning			ACRE				
0070	213-00002	0.100	9,800.00000	8,144.00000	980.00	814.40	83.10%	-165.60
	Mulching (Weed Free Hay)			ACRE				
0075	213-00061	20.000	35.00000	38.00000	700.00	760.00	108.57%	60.00
	Mulch Tackifier			LB				
0080	217-00020	10.000	160.00000	209.00000	1,600.00	2,090.00	130.63%	490.00
	Herbicide Treatment			HOUR				
0085	503-00042	19.000	1,500.00000	1,618.00000	28,500.00	30,742.00	107.87%	2,242.00
	Drilled Shaft (42 Inch)			LF				
0090	503-00048	69.000	1,750.00000	1,540.00000	120,750.00	106,260.00	88.00%	-14,490.00
	Drilled Shaft (48 Inch)			LF				
0095	503-00060	33.000	2,100.00000	1,984.00000	69,300.00	65,472.00	94.48%	-3,828.00
	Drilled Shaft (60 Inch)			LF				
0100	606-00710	494.000	300.00000	280.00000	148,200.00	138,320.00	93.33%	-9,880.00
	Guardrail Type 7 (Style CA)			LF				
0105	613-01200	60.000	60.00000	56.00000	3,600.00	3,360.00	93.33%	-240.00
	2 Inch Electrical Conduit (Plastic)			LF				
0110	613-07005	3.000	7,400.00000	7,874.00000	22,200.00	23,622.00	106.41%	1,422.00
	Type Five Pull Box			EACH				
0115	614-00027	24.000	24.00000	13.00000	576.00	312.00	54.17%	-264.00
	Sign Panel (Class II) (Install Only)			SF				
0120	614-00028	4,534.000	9.00000	9.00000	40,806.00	40,806.00	100.00%	0.00
	Sign Panel (Class III) (Install Only)			SF				

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## Low Bid Item Analysis

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Contract ID: C24109S

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION:</b>	0001	ROADWAY						
0125	614-00615	58.000	150.00000	157.00000 LF	8,700.00	9,106.00	104.67%	406.00
0130	614-00818	31.000	160.00000	163.00000 LF	4,960.00	5,053.00	101.88%	93.00
0135	614-03002	4.000	2,400.00000	2,923.00000 EACH	9,600.00	11,692.00	121.79%	2,092.00
0140	614-03003	2.000	3,200.00000	3,132.00000 EACH	6,400.00	6,264.00	97.88%	-136.00
0145	614-10050	4.000	7,500.00000	8,179.00000 EACH	30,000.00	32,716.00	109.05%	2,716.00
0150	614-32900	5.000	11,000.00000	11,516.00000 EACH	55,000.00	57,580.00	104.69%	2,580.00
0155	620-00020	1.000	2,000.00000	1,566.00000 EACH	2,000.00	1,566.00	78.30%	-434.00
0160	625-00000	1.000	19,000.00000	16,594.00000 L S	19,000.00	16,594.00	87.34%	-2,406.00
0165	626-00000	1.000	73,077.00000	153,524.00000 L S	73,077.00	153,524.00	210.09%	80,447.00
0170	626-01114	86.000	100.00000	96.00000 DAY	8,600.00	8,256.00	96.00%	-344.00
0175	630-00000	50.000	55.00000	53.00000 HOUR	2,750.00	2,650.00	96.36%	-100.00
0180	630-00003	20.000	120.00000	146.00000 HOUR	2,400.00	2,920.00	121.67%	520.00

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Contract ID: C24109S								
Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION:</b>	0001	ROADWAY						
0185	630-00006	20.000	30.00000	35.00000 HOUR	600.00	700.00	116.67%	100.00
	Uniformed Traffic Control (Vehicle)							
0190	630-00007	16.000	100.00000	313.00000 DAY	1,600.00	5,008.00	313.00%	3,408.00
0195	630-00012	60.000	1,600.00000	1,462.00000 DAY	96,000.00	87,720.00	91.38%	-8,280.00
	Traffic Control Management							
0200	630-80335	4.000	220.00000	104.00000 EACH	880.00	416.00	47.27%	-464.00
	Barricade (Type 3 M-A) (Temporary)							
0205	630-80341	27.000	52.00000	63.00000 EACH	1,404.00	1,701.00	121.15%	297.00
	Construction Traffic Sign (Panel Size A)							
0210	630-80342	27.000	71.00000	77.00000 EACH	1,917.00	2,079.00	108.45%	162.00
	Construction Traffic Sign (Panel Size B)							
0215	630-80343	14.000	100.00000	90.00000 EACH	1,400.00	1,260.00	90.00%	-140.00
	Construction Traffic Sign (Panel Size C)							
0220	630-80348	2.000	11,350.00000	696.00000 EACH	22,700.00	1,392.00	6.13%	-21,308.00
	Construction Information Sign							
0225	630-80350	50.000	30.00000	35.00000 EACH	1,500.00	1,750.00	116.67%	250.00
	Vertical Panel							
0230	630-80355	2.000	8,000.00000	7,796.00000 EACH	16,000.00	15,592.00	97.45%	-408.00
	Portable Message Sign Panel							
0235	630-80360	50.000	40.00000	42.00000 EACH	2,000.00	2,100.00	105.00%	100.00
	Drum Channelizing Device							
0240	630-80372	3,600.000	30.00000	34.00000 LF	108,000.00	122,400.00	113.33%	14,400.00
	Concrete Barrier (Temporary) (Furnish and Install)							

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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	ROADWAY						
0245	630-80380 Traffic Cone	600.000	12.00000	11.00000 EACH	7,200.00	6,600.00	91.67%	-600.00
0250	630-80415 Advanced Warning Flashing or Sequencing Panel (C Type)	40.000	130.00000	90.00000 DAY	5,200.00	3,600.00	69.23%	-1,600.00
0255	630-80417 Sequential Flashing Warning Light	100.000	35.00000	35.00000 EACH	3,500.00	3,500.00	100.00%	0.00
0260	630-85010 Impact Attenuator (Temporary)	5.000	6,000.00000	3,356.00000 EACH	30,000.00	16,780.00	55.93%	-13,220.00
0265	630-85041 Mobile Attenuator	50.000	620.00000	696.00000 DAY	31,000.00	34,800.00	112.26%	3,800.00
0270	632-00000 Night Work Lighting	1.000	12,500.00000	9,009.00000 L S	12,500.00	9,009.00	72.07%	-3,491.00
<b>Section 0001 Subtotal</b>					\$1,200,000.00	\$1,217,455.60	101.45%	\$17,455.60
<b>Contract Total for Calculated Low Bidders Bid Items</b>					<b>\$1,200,000.00</b>	<b>\$1,217,455.60</b>	<b>101.45%</b>	<b>\$17,455.60</b>