

Colorado Department Of TransportationPrinted On: **01/31/2023****Low Bid Summary**

Page 1 of 1

Letting Date: December 22, 2022

Call Order	Contract ID	Project(s)	# of Bids	Low Bidder	Estimated Cost	Corrected Bid	Percent of Estimate	Overrun (+) Underrun (-)
008	C24193	STR096A-050	3	A and S CONSTRUCTION CO.	\$10,300,000.00	\$12,723,069.27	123.52%	\$2,423,069.27
Letting Totals			3		\$10,300,000.00	\$12,723,069.27	123.52%	\$2,423,069.27

Colorado Department Of TransportationPrinted On: **01/31/2023****Vendor Ranking**

Page 1 of 1

Contract ID: C24193

Contract Description:

SH 96 MP 168.99 TO 193.77 - 1 inch leveling course with 1.5 inch overlay; replace guardrail, minor structure repairs

Rank	Vendor ID	Vendor Name	Total Bid	Percent Of Low Bid	Percent Of Estimate
0	-EST-	Engineer's Estimate	\$10,300,000.00	80.96%	100.00%
1	005A	A and S CONSTRUCTION CO.	\$12,723,069.27	100.00%	123.52%
2	766C	MCATEE CONSTRUCTION CO.	\$13,739,043.00	107.99%	133.39%
3	672A	OLDCASTLE SW GROUP, INC.	\$14,232,481.52	111.86%	138.18%

Tabulation of Bids

Page 1 of 10

Contract ID: C24193

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 005A A and S CONSTRUCTION CO.		(2) 766C MCATEE CONSTRUCTION CO.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION: 0001 ROADWAY							LCC:	
202-00090 Removal of Delineator		566.000 EACH	8.10000	4,584.60	6.00000	3,396.00	26.00000	14,716.00
202-00155 Removal of Wall		48.000 LF	95.00000	4,560.00	100.00000	4,800.00	150.00000	7,200.00
202-00240 Removal of Asphalt Mat (Planing)		5,612.000 SY	7.40000	41,528.80	7.00000	39,284.00	6.00000	33,672.00
202-00251 Removal of Pavement Marking (Asphalt Grooving)		32.000 SF	5.00000	160.00	20.00000	640.00	18.00000	576.00
202-00504 Removal of Expansion Device		252.000 LF	220.00000	55,440.00	60.00000	15,120.00	53.00000	13,356.00
202-00505 Removal of Portions of Present Structure		169.000 SF	180.00000	30,420.00	220.00000	37,180.00	195.00000	32,955.00
202-00810 Removal of Ground Sign		156.000 EACH	140.00000	21,840.00	150.00000	23,400.00	265.00000	41,340.00
202-01030 Removal of Road Closure Gate		1.000 EACH	1,700.00000	1,700.00	3,000.00000	3,000.00	3,200.00000	3,200.00
202-01130 Removal of Guardrail Type 3		1,143.500 LF	6.60000	7,547.10	6.00000	6,861.00	8.00000	9,148.00
202-01175 Removal of Guardrail (Special)		84.000 LF	100.00000	8,400.00	75.00000	6,300.00	85.00000	7,140.00
202-01300 Removal of End Anchorage		16.000 EACH	370.00000	5,920.00	600.00000	9,600.00	325.00000	5,200.00
202-04010 Clean Inlet		16.000 EACH	780.00000	12,480.00	300.00000	4,800.00	295.00000	4,720.00
203-00060 Embankment Material (Complete In Place)		506.000 CY	40.00000	20,240.00	66.00000	33,396.00	145.00000	73,370.00
206-00065 Structure Backfill (Flow-Fill)		45.000 CY	260.00000	11,700.00	680.00000	30,600.00	700.00000	31,500.00
207-00702 Topsoil (Offsite)		444.000 CY	140.00000	62,160.00	90.00000	39,960.00	71.00000	31,524.00

Tabulation of Bids

Page 2 of 10

Contract ID: C24193

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 005A A and S CONSTRUCTION CO.		(2) 766C MCATEE CONSTRUCTION CO.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION: 0001	ROADWAY						LCC:	
208-00002	Erosion Log Type 1 (12 Inch)	120.000 LF	7.90000	948.00	12.00000	1,440.00	8.30000	996.00
208-00046	Pre-fabricated Concrete Washout Structure (Type 1)	1.000 EACH	2,500.00000	2,500.00	2,300.00000	2,300.00	2,300.00000	2,300.00
208-00106	Sweeping (Sediment Removal)	20.000 HOUR	160.00000	3,200.00	200.00000	4,000.00	135.00000	2,700.00
212-00702	Biotic Soil Amendments (Hydraulically Applied)	2,250.000 LB	1.50000	3,375.00	2.00000	4,500.00	1.56000	3,510.00
212-00707	Seeding (Native) Hydraulic	0.500 ACRE	1,700.00000	850.00	3,300.00000	1,650.00	2,729.00000	1,364.50
213-00012	Spray-on Mulch Blanket	0.500 ACRE	5,400.00000	2,700.00	5,600.00000	2,800.00	4,532.00000	2,266.00
304-08000	Aggregate Base Course (Shoulder Material)	5,755.000 TON	30.00000	172,650.00	48.00000	276,240.00	75.00000	431,625.00
403-00720	Hot Mix Asphalt (Patching) (Asphalt)	208.850 TON	280.00000	58,478.00	400.00000	83,540.00	240.00000	50,124.00
403-34721	Hot Mix Asphalt (Grading SX) (75) (PG 58-28)	40,331.630 TON	100.00000	4,033,163.00	122.00000	4,920,458.86	148.00000	5,969,081.24
403-36621	Hot Mix Asphalt (Gr ST)(50)(PG 58-28)	27,635.770 TON	120.00000	3,316,292.40	133.00000	3,675,557.41	142.50000	3,938,097.23
411-10255	Emulsified Asphalt (Slow-Setting)	45,498.000 GAL	3.60000	163,792.80	4.00000	181,992.00	2.75000	125,119.50
507-00400	Asphalt Slope and Ditch Paving (Asphalt)	1.000 TON	390.00000	390.00	544.00000	544.00	880.00000	880.00
518-00100	Waterstop	20.000 LF	8.50000	170.00	240.00000	4,800.00	200.00000	4,000.00
518-01001	Bridge Expansion Joint (Asphaltic Plug)	252.000 LF	220.00000	55,440.00	200.00000	50,400.00	185.00000	46,620.00
601-06102	Concrete (Patching)	42.300 CF	120.00000	5,076.00	900.00000	38,070.00	750.00000	31,725.00

Tabulation of Bids

Page 3 of 10

Contract ID: C24193

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 005A A and S CONSTRUCTION CO.		(2) 766C MCATEE CONSTRUCTION CO.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION: 0001 ROADWAY							LCC:	
602-00020 Reinforcing Steel (Epoxy Coated)		39.000 LB	2.50000	97.50	10.00000	390.00	8.08000	315.12
603-10150 15 Inch Corrugated Steel Pipe		104.000 LF	190.00000	19,760.00	100.00000	10,400.00	135.00000	14,040.00
603-10360 36 Inch Corrugated Steel Pipe		136.000 LF	240.00000	32,640.00	150.00000	20,400.00	195.00000	26,520.00
606-00302 Guardrail Type 3 (31 Inch Midwest Guardrail System)		1,187.500 LF	40.00000	47,500.00	66.00000	78,375.00	42.00000	49,875.00
606-01370 Transition Type 3G		4.000 EACH	3,500.00000	14,000.00	4,000.00000	16,000.00	3,500.00000	14,000.00
606-02003 End Anchorage (Nonflared)		20.000 EACH	3,700.00000	74,000.00	6,000.00000	120,000.00	3,600.00000	72,000.00
607-60620 Road Closure Gate		1.000 EACH	16,300.00000	16,300.00	70,000.00000	70,000.00	75,000.00000	75,000.00
609-60011 Curb Type 6 (Section M)		27.000 LF	21.00000	567.00	150.00000	4,050.00	50.00000	1,350.00
612-00041 Delineator (Flexible) (Type I)		516.000 EACH	63.00000	32,508.00	80.00000	41,280.00	110.00000	56,760.00
612-00043 Delineator (Flexible) (Type III)		50.000 EACH	84.00000	4,200.00	84.00000	4,200.00	120.00000	6,000.00
614-00011 Sign Panel (Class I)		438.000 SF	21.00000	9,198.00	26.00000	11,388.00	29.00000	12,702.00
614-00012 Sign Panel (Class II)		950.000 SF	28.00000	26,600.00	30.00000	28,500.00	35.00000	33,250.00
614-01503 Steel Sign Support (2-Inch Round)(Post and Socket)		52.000 EACH	260.00000	13,520.00	400.00000	20,800.00	360.00000	18,720.00
614-01573 Steel Sign Support (2-1/2 Inch Round NP-40)(Post & Slipbase)		71.000 EACH	450.00000	31,950.00	500.00000	35,500.00	535.00000	37,985.00
614-01583 Steel Sign Support (2-1/2 In Round Sch 80) (Post & Slipbase)		10.000 EACH	580.00000	5,800.00	600.00000	6,000.00	670.00000	6,700.00

Tabulation of Bids

Page 4 of 10

Contract ID: C24193

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 005A A and S CONSTRUCTION CO.		(2) 766C MCATEE CONSTRUCTION CO.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION: 0001 ROADWAY							LCC:	
614-80312 Barricade (Type 3 F-B)		1.000 EACH	2,200.00000	2,200.00	3,700.00000	3,700.00	3,600.00000	3,600.00
615-00050 Embankment Protector Type 5		1.000 EACH	3,000.00000	3,000.00	3,000.00000	3,000.00	2,600.00000	2,600.00
620-00002 Field Office (Class 2)		1.000 EACH	36,500.00000	36,500.00	58,000.00000	58,000.00	30,000.00000	30,000.00
620-00012 Field Laboratory (Class 2)		1.000 EACH	28,200.00000	28,200.00	54,000.00000	54,000.00	30,000.00000	30,000.00
620-00020 Sanitary Facility		1.000 EACH	3,200.00000	3,200.00	9,000.00000	9,000.00	19,027.25000	19,027.25
625-00000 Construction Surveying		1.000 L S	40,000.00000	40,000.00	35,000.00000	35,000.00	85,000.00000	85,000.00
626-00000 Mobilization		(1) L S	1,074,879. 80000	1,074,879. 80	1,761,000. 00000	1,761,000. 00	1,349,700. 16000	1,349,700. 16
626-01114 Public Information Management (Tier IV)		175.000 DAY	68.00000	11,900.00	55.00000	9,625.00	47.00000	8,225.00
627-00001 Pavement Marking Paint HIGH BUILD (TEMPORARY)		3,835.000 GAL	51.00000	195,585.00	54.00000	207,090.00	45.00000	172,575.00
627-00003 Thermoplastic Pavement Marking (Inlaid)		32.000 SF	25.00000	800.00	54.00000	1,728.00	45.00000	1,440.00
627-00013 Pavement Marking Paint (High Build)		2,425.000 GAL	51.00000	123,675.00	54.00000	130,950.00	45.00000	109,125.00
630-00000 Flagging		3,400.000 HOUR	30.00000	102,000.00	36.00000	122,400.00	38.00000	129,200.00
630-00007 Traffic Control Inspection		46.000 DAY	250.00000	11,500.00	400.00000	18,400.00	350.00000	16,100.00
630-00012 Traffic Control Management		115.000 DAY	990.00000	113,850.00	1,400.00000	161,000.00	2,500.00000	287,500.00
630-80002 Flashing Beacon (Solar)		8.000 EACH	900.00000	7,200.00	2,000.00000	16,000.00	1,200.00000	9,600.00

Tabulation of Bids

Page 5 of 10

Contract ID: C24193

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 005A A and S CONSTRUCTION CO.		(2) 766C MCATEE CONSTRUCTION CO.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION: 0001 ROADWAY							LCC:	
630-80335 Barricade (Type 3 M-A) (Temporary)		2.000 EACH	160.00000	320.00	300.00000	600.00	400.00000	800.00
630-80341 Construction Traffic Sign (Panel Size A)		50.000 EACH	54.00000	2,700.00	50.00000	2,500.00	130.00000	6,500.00
630-80342 Construction Traffic Sign (Panel Size B)		10.000 EACH	78.00000	780.00	55.00000	550.00	150.00000	1,500.00
630-80344 Construction Traffic Sign (Special)		64.000 SF	26.00000	1,664.00	26.00000	1,664.00	22.00000	1,408.00
630-80355 Portable Message Sign Panel		4.000 EACH	6,000.00000	24,000.00	14,000.00000	56,000.00	8,000.00000	32,000.00
630-80358 Advance Warning Flashing or Sequencing Arrow Panel (C Type)		2.000 EACH	1,700.00000	3,400.00	2,400.00000	4,800.00	2,100.00000	4,200.00
630-80360 Drum Channelizing Device		150.000 EACH	36.00000	5,400.00	50.00000	7,500.00	66.00000	9,900.00
630-80364 Drum Channelizing Device (With Light) (Steady Burn)		150.000 EACH	40.00000	6,000.00	55.00000	8,250.00	76.00000	11,400.00
630-80380 Traffic Cone		350.000 EACH	10.00000	3,500.00	4.00000	1,400.00	18.00000	6,300.00
630-80511 Mobile Pavement Marking Zone		1.000 L S	10,000.00000	10,000.00	5,000.00000	5,000.00	4,100.00000	4,100.00
630-85020 Mobile Attenuator		2.000 EACH	25,700.00000	51,400.00	35,000.00000	70,000.00	31,000.00000	62,000.00
Section Totals:			\$10,300,000.00		\$12,723,069.27		\$13,739,043.00	
Contract Grand Totals			\$10,300,000.00		\$12,723,069.27		\$13,739,043.00	

Tabulation of Bids

Page 6 of 10

Contract ID: C24193

Item Code	Description	Quantity	(3) 672A OLDCASTLE SW GROUP, INC.		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
			LCC:							
SECTION: 0001 ROADWAY										
202-00090 Removal of Delineator		566.000 EACH			27.00000	15,282.00				
202-00155 Removal of Wall		48.000 LF			156.00000	7,488.00				
202-00240 Removal of Asphalt Mat (Planing)		5,612.000 SY			11.00000	61,732.00				
202-00251 Removal of Pavement Marking (Asphalt Grooving)		32.000 SF			110.00000	3,520.00				
202-00504 Removal of Expansion Device		252.000 LF			54.00000	13,608.00				
202-00505 Removal of Portions of Present Structure		169.000 SF			205.00000	34,645.00				
202-00810 Removal of Ground Sign		156.000 EACH			270.00000	42,120.00				
202-01030 Removal of Road Closure Gate		1.000 EACH			3,100.00000	3,100.00				
202-01130 Removal of Guardrail Type 3		1,143.500 LF			5.00000	5,717.50				
202-01175 Removal of Guardrail (Special)		84.000 LF			86.00000	7,224.00				
202-01300 Removal of End Anchorage		16.000 EACH			486.00000	7,776.00				
202-04010 Clean Inlet		16.000 EACH			308.00000	4,928.00				
203-00060 Embankment Material (Complete In Place)		506.000 CY			190.00000	96,140.00				
206-00065 Structure Backfill (Flow-Fill)		45.000 CY			700.00000	31,500.00				
207-00702 Topsoil (Offsite)		444.000 CY			150.00000	66,600.00				

Tabulation of Bids

Page 7 of 10

Contract ID: C24193

Item Code	Description	Quantity	(3) 672A OLDCASTLE SW GROUP, INC.		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION: 0001 ROADWAY									LCC:	
208-00002 Erosion Log Type 1 (12 Inch)		120.000 LF	8.30000	996.00						
208-00046 Pre-fabricated Concrete Washout Structure (Type 1)		1.000 EACH	2,250.00000	2,250.00						
208-00106 Sweeping (Sediment Removal)		20.000 HOUR	360.00000	7,200.00						
212-00702 Biotic Soil Amendments (Hydraulically Applied)		2,250.000 LB	1.70000	3,825.00						
212-00707 Seeding (Native) Hydraulic		0.500 ACRE	2,950.00000	1,475.00						
213-00012 Spray-on Mulch Blanket		0.500 ACRE	4,900.00000	2,450.00						
304-08000 Aggregate Base Course (Shoulder Material)		5,755.000 TON	55.00000	316,525.00						
403-00720 Hot Mix Asphalt (Patching) (Asphalt)		208.850 TON	290.00000	60,566.50						
403-34721 Hot Mix Asphalt (Grading SX) (75) (PG 58-28)		40,331.630 TON	155.00000	6,251,402.65						
403-36621 Hot Mix Asphalt (Gr ST)(50)(PG 58-28)		27,635.770 TON	156.00000	4,311,180.12						
411-10255 Emulsified Asphalt (Slow-Setting)		45,498.000 GAL	3.00000	136,494.00						
507-00400 Asphalt Slope and Ditch Paving (Asphalt)		1.000 TON	2,500.00000	2,500.00						
518-00100 Waterstop		20.000 LF	210.00000	4,200.00						
518-01001 Bridge Expansion Joint (Asphaltic Plug)		252.000 LF	189.00000	47,628.00						
601-06102 Concrete (Patching)		42.300 CF	783.00000	33,120.90						

Tabulation of Bids

Page 8 of 10

Contract ID: C24193

Item Code	Description	Quantity	(3) 672A OLDCASTLE SW GROUP, INC.		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
			LCC:							
SECTION: 0001 ROADWAY										
602-00020 Reinforcing Steel (Epoxy Coated)		39.000 LB		8.65000	337.35					
603-10150 15 Inch Corrugated Steel Pipe		104.000 LF		138.00000	14,352.00					
603-10360 36 Inch Corrugated Steel Pipe		136.000 LF		200.00000	27,200.00					
606-00302 Guardrail Type 3 (31 Inch Midwest Guardrail System)		1,187.500 LF		43.00000	51,062.50					
606-01370 Transition Type 3G		4.000 EACH		3,375.00000	13,500.00					
606-02003 End Anchorage (Nonflared)		20.000 EACH		3,565.00000	71,300.00					
607-60620 Road Closure Gate		1.000 EACH		73,000.00000	73,000.00					
609-60011 Curb Type 6 (Section M)		27.000 LF		107.00000	2,889.00					
612-00041 Delineator (Flexible) (Type I)		516.000 EACH		113.00000	58,308.00					
612-00043 Delineator (Flexible) (Type III)		50.000 EACH		124.00000	6,200.00					
614-00011 Sign Panel (Class I)		438.000 SF		29.00000	12,702.00					
614-00012 Sign Panel (Class II)		950.000 SF		35.00000	33,250.00					
614-01503 Steel Sign Support (2-Inch Round)(Post and Socket)		52.000 EACH		378.00000	19,656.00					
614-01573 Steel Sign Support (2-1/2 Inch Round NP-40)(Post & Slipbase)		71.000 EACH		562.00000	39,902.00					
614-01583 Steel Sign Support (2-1/2 In Round Sch 80) (Post & Slipbase)		10.000 EACH		702.00000	7,020.00					

Tabulation of Bids

Page 9 of 10

Contract ID: C24193

Item Code	Description	Quantity	(3) 672A OLDCASTLE SW GROUP, INC.		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
			LCC:							
SECTION: 0001	ROADWAY									
614-80312	Barricade (Type 3 F-B)	1.000 EACH	3,780.00000	3,780.00						
615-00050	Embankment Protector Type 5	1.000 EACH	1,075.00000	1,075.00						
620-00002	Field Office (Class 2)	1.000 EACH	48,000.00000	48,000.00						
620-00012	Field Laboratory (Class 2)	1.000 EACH	47,000.00000	47,000.00						
620-00020	Sanitary Facility	1.000 EACH	5,000.00000	5,000.00						
625-00000	Construction Surveying	1.000 L S	40,000.00000	40,000.00						
626-00000	Mobilization	(1) L S	1,100,000.00000	1,100,000.00						
626-01114	Public Information Management (Tier IV)	175.000 DAY	64.00000	11,200.00						
627-00001	Pavement Marking Paint HIGH BUILD (TEMPORARY)	3,835.000 GAL	72.00000	276,120.00						
627-00003	Thermoplastic Pavement Marking (Inlaid)	32.000 SF	50.00000	1,600.00						
627-00013	Pavement Marking Paint (High Build)	2,425.000 GAL	46.00000	111,550.00						
630-00000	Flagging	3,400.000 HOUR	39.00000	132,600.00						
630-00007	Traffic Control Inspection	46.000 DAY	340.00000	15,640.00						
630-00012	Traffic Control Management	115.000 DAY	2,400.00000	276,000.00						
630-80002	Flashing Beacon (Solar)	8.000 EACH	1,000.00000	8,000.00						

Tabulation of Bids

Page 10 of 10

Contract ID: C24193

Item Code	Description	Quantity	(3) 672A OLDCASTLE SW GROUP, INC.		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
			LCC:							
SECTION: 0001 ROADWAY										
630-80335	Barricade (Type 3 M-A) (Temporary)	2.000 EACH	350.00000	700.00						
630-80341	Construction Traffic Sign (Panel Size A)	50.000 EACH	125.00000	6,250.00						
630-80342	Construction Traffic Sign (Panel Size B)	10.000 EACH	145.00000	1,450.00						
630-80344	Construction Traffic Sign (Special)	64.000 SF	21.00000	1,344.00						
630-80355	Portable Message Sign Panel	4.000 EACH	7,500.00000	30,000.00						
630-80358	Advance Warning Flashing or Sequencing Arrow Panel (C Type)	2.000 EACH	2,000.00000	4,000.00						
630-80360	Drum Channelizing Device	150.000 EACH	65.00000	9,750.00						
630-80364	Drum Channelizing Device (With Light) (Steady Burn)	150.000 EACH	75.00000	11,250.00						
630-80380	Traffic Cone	350.000 EACH	18.00000	6,300.00						
630-80511	Mobile Pavement Marking Zone	1.000 L S	10,000.00000	10,000.00						
630-85020	Mobile Attenuator	2.000 EACH	30,000.00000	60,000.00						
Section Totals:			\$14,232,481.52							
Contract Grand Totals			\$14,232,481.52							

Colorado Department Of Transportation

Printed On: 01/31/2023

Low Bid Item Analysis

Page 1 of 7

Contract ID: C24193

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0005	202-00090	566.000	8.10000	6.00000 EACH	4,584.60	3,396.00	74.07%	-1,188.60
	Removal of Delineator							
0010	202-00155	48.000	95.00000	100.00000 LF	4,560.00	4,800.00	105.26%	240.00
	Removal of Wall							
0015	202-00240	5,612.000	7.40000	7.00000 SY	41,528.80	39,284.00	94.59%	-2,244.80
	Removal of Asphalt Mat (Planing)							
0020	202-00251	32.000	5.00000	20.00000 SF	160.00	640.00	400.00%	480.00
	Removal of Pavement Marking (Asphalt Grooving)							
0025	202-00504	252.000	220.00000	60.00000 LF	55,440.00	15,120.00	27.27%	-40,320.00
	Removal of Expansion Device							
0030	202-00505	169.000	180.00000	220.00000 SF	30,420.00	37,180.00	122.22%	6,760.00
	Removal of Portions of Present Structure							
0035	202-00810	156.000	140.00000	150.00000 EACH	21,840.00	23,400.00	107.14%	1,560.00
	Removal of Ground Sign							
0040	202-01030	1.000	1,700.00000	3,000.00000 EACH	1,700.00	3,000.00	176.47%	1,300.00
	Removal of Road Closure Gate							
0045	202-01130	1,143.500	6.60000	6.00000 LF	7,547.10	6,861.00	90.91%	-686.10
	Removal of Guardrail Type 3							
0050	202-01175	84.000	100.00000	75.00000 LF	8,400.00	6,300.00	75.00%	-2,100.00
	Removal of Guardrail (Special)							
0055	202-01300	16.000	370.00000	600.00000 EACH	5,920.00	9,600.00	162.16%	3,680.00
	Removal of End Anchorage							
0060	202-04010	16.000	780.00000	300.00000 EACH	12,480.00	4,800.00	38.46%	-7,680.00
	Clean Inlet							

Colorado Department Of Transportation

Printed On: 01/31/2023

Low Bid Item Analysis

Page 2 of 7

Contract ID: C24193

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0065	203-00060	506.000	40.00000	66.000000	20,240.00	33,396.00	165.00%	13,156.00
				CY				
0070	206-00065	45.000	260.00000	680.000000	11,700.00	30,600.00	261.54%	18,900.00
				CY				
0075	207-00702	444.000	140.00000	90.000000	62,160.00	39,960.00	64.29%	-22,200.00
				CY				
0080	208-00002	120.000	7.90000	12.000000	948.00	1,440.00	151.90%	492.00
				LF				
0085	208-00046	1.000	2,500.00000	2,300.000000	2,500.00	2,300.00	92.00%	-200.00
				EACH				
0090	208-00106	20.000	160.00000	200.000000	3,200.00	4,000.00	125.00%	800.00
				HOUR				
0095	212-00702	2,250.000	1.50000	2.00000	3,375.00	4,500.00	133.33%	1,125.00
				LB				
0100	212-00707	0.500	1,700.00000	3,300.000000	850.00	1,650.00	194.12%	800.00
				ACRE				
0105	213-00012	0.500	5,400.00000	5,600.000000	2,700.00	2,800.00	103.70%	100.00
				ACRE				
0110	304-08000	5,755.000	30.00000	48.00000	172,650.00	276,240.00	160.00%	103,590.00
				TON				
0115	403-00720	208.850	280.00000	400.00000	58,478.00	83,540.00	142.86%	25,062.00
				TON				
0120	403-34721	40,331.63C	100.00000	122.00000	4,033,163.00	4,920,458.86	122.00%	887,295.86
				TON				

Colorado Department Of Transportation

Printed On: 01/31/2023

Low Bid Item Analysis

Page 3 of 7

Contract ID: C24193

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0125	403-36621	27,635.770	120.00000	133.00000 TON	3,316,292.40	3,675,557.41	110.83%	359,265.01
0130	Hot Mix Asphalt (Gr ST)(50)(PG 58-28)							
0135	411-10255	45,498.000	3.60000	4.00000 GAL	163,792.80	181,992.00	111.11%	18,199.20
0140	507-00400	1.000	390.00000	544.00000 TON	390.00	544.00	139.49%	154.00
0145	Asphalt Slope and Ditch Paving (Asphalt)							
0150	518-00100	20.000	8.50000	240.00000 LF	170.00	4,800.00	2823.53%	4,630.00
0155	Waterstop							
0160	518-01001	252.000	220.00000	200.00000 LF	55,440.00	50,400.00	90.91%	-5,040.00
0165	601-06102	42.300	120.00000	900.00000 CF	5,076.00	38,070.00	750.00%	32,994.00
0170	Concrete (Patching)							
0175	602-00020	39.000	2.50000	10.00000 LB	97.50	390.00	400.00%	292.50
0180	603-10150	104.000	190.00000	100.00000 LF	19,760.00	10,400.00	52.63%	-9,360.00
0185	603-10360	136.000	240.00000	150.00000 LF	32,640.00	20,400.00	62.50%	-12,240.00
0190	606-00302	1,187.500	40.00000	66.00000 LF	47,500.00	78,375.00	165.00%	30,875.00
0195	606-01370	4.000	3,500.00000	4,000.00000 EACH	14,000.00	16,000.00	114.29%	2,000.00
0200	606-02003	20.000	3,700.00000	6,000.00000 EACH	74,000.00	120,000.00	162.16%	46,000.00
0205	Guardrail Type 3 (31 Inch Midwest Guardrail System)							
0210	606-02004	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0215	606-02005	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0220	606-02006	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0225	606-02007	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0230	606-02008	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0235	606-02009	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0240	606-02010	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0245	606-02011	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0250	606-02012	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0255	606-02013	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0260	606-02014	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0265	606-02015	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0270	606-02016	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0275	606-02017	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0280	606-02018	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0285	606-02019	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0290	606-02020	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0295	606-02021	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0300	606-02022	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0305	606-02023	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0310	606-02024	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0315	606-02025	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0320	606-02026	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0325	606-02027	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0330	606-02028	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0335	606-02029	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0340	606-02030	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0345	606-02031	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0350	606-02032	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0355	606-02033	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0360	606-02034	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0365	606-02035	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0370	606-02036	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0375	606-02037	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0380	606-02038	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0385	606-02039	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0390	606-02040	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0395	606-02041	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0400	606-02042	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0405	606-02043	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0410	606-02044	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0415	606-02045	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0420	606-02046	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0425	606-02047	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0430	606-02048	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0435	606-02049	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0440	606-02050	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0445	606-02051	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0450	606-02052	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0455	606-02053	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0460	606-02054	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0465	606-02055	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0470	606-02056	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0475	606-02057	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0480	606-02058	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0485	606-02059	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0490	606-02060	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0495	606-02061	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0500	606-02062	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0505	606-02063	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0510	606-02064	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0515	606-02065	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0520	606-02066	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0525	606-02067	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0530	606-02068	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0535	606-02069	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0540	606-02070	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0545	606-02071	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0550	606-02072	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0555	606-02073	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0560	606-02074	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0565	606-02075	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0570	606-02076	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0575	606-02077	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0580	606-02078	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	100.00%	0.00
0585	606-02079	1.000	1,000.00000	1,000.00000 EACH	1,000.00	1,000.00	10	

Colorado Department Of Transportation

Printed On: 01/31/2023

Low Bid Item Analysis

Page 4 of 7

Contract ID: C24193

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0185	607-60620	1.000	16,300.00000	70,000.00000 EACH	16,300.00	70,000.00	429.45%	53,700.00
	Road Closure Gate							
0190	609-60011	27.000	21.00000	150.00000 LF	567.00	4,050.00	714.29%	3,483.00
	Curb Type 6 (Section M)							
0195	612-00041	516.000	63.00000	80.00000 EACH	32,508.00	41,280.00	126.98%	8,772.00
	Delineator (Flexible) (Type I)							
0200	612-00043	50.000	84.00000	84.00000 EACH	4,200.00	4,200.00	100.00%	0.00
	Delineator (Flexible) (Type III)							
0205	614-00011	438.000	21.00000	26.00000 SF	9,198.00	11,388.00	123.81%	2,190.00
	Sign Panel (Class I)							
0210	614-00012	950.000	28.00000	30.00000 SF	26,600.00	28,500.00	107.14%	1,900.00
	Sign Panel (Class II)							
0215	614-01503	52.000	260.00000	400.00000 EACH	13,520.00	20,800.00	153.85%	7,280.00
	Steel Sign Support (2-Inch Round)(Post and Socket)							
0220	614-01573	71.000	450.00000	500.00000 EACH	31,950.00	35,500.00	111.11%	3,550.00
	Steel Sign Support (2-1/2 Inch Round NP- 40)(Post & Slipbase)							
0225	614-01583	10.000	580.00000	600.00000 EACH	5,800.00	6,000.00	103.45%	200.00
	Steel Sign Support (2-1/2 In Round Sch 80) (Post & Slipbase)							
0230	614-80312	1.000	2,200.00000	3,700.00000 EACH	2,200.00	3,700.00	168.18%	1,500.00
	Barricade (Type 3 F-B)							
0235	615-00050	1.000	3,000.00000	3,000.00000 EACH	3,000.00	3,000.00	100.00%	0.00
	Embankment Protector Type 5							

Colorado Department Of Transportation

Printed On: 01/31/2023

Low Bid Item Analysis

Page 5 of 7

Contract ID: C24193

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0240	620-00002	1.000	36,500.00000	58,000.00000 EACH	36,500.00	58,000.00	158.90%	21,500.00
	Field Office (Class 2)							
0245	620-00012	1.000	28,200.00000	54,000.00000 EACH	28,200.00	54,000.00	191.49%	25,800.00
	Field Laboratory (Class 2)							
0250	620-00020	1.000	3,200.00000	9,000.00000 EACH	3,200.00	9,000.00	281.25%	5,800.00
	Sanitary Facility							
0255	625-00000	1.000	40,000.00000	35,000.00000 L S	40,000.00	35,000.00	87.50%	-5,000.00
	Construction Surveying							
0260	626-00000	(1)	1,074,879.80000	1,761,000.00000 L S	1,074,879.80	1,761,000.00	163.83%	686,120.20
	Mobilization							
0265	626-01114	175.000	68.00000	55.00000 DAY	11,900.00	9,625.00	80.88%	-2,275.00
	Public Information Management (Tier IV)							
0270	627-00001	3,835.000	51.00000	54.00000 GAL	195,585.00	207,090.00	105.88%	11,505.00
	Pavement Marking Paint HIGH BUILD (TEMPORARY)							
0275	627-00003	32.000	25.00000	54.00000 SF	800.00	1,728.00	216.00%	928.00
	Thermoplastic Pavement Marking (Inlaid)							
0280	627-00013	2,425.000	51.00000	54.00000 GAL	123,675.00	130,950.00	105.88%	7,275.00
	Pavement Marking Paint (High Build)							
0285	630-00000	3,400.000	30.00000	36.00000 HOUR	102,000.00	122,400.00	120.00%	20,400.00
	Flagging							
0290	630-00007	46.000	250.00000	400.00000 DAY	11,500.00	18,400.00	160.00%	6,900.00
	Traffic Control Inspection							
0295	630-00012	115.000	990.00000	1,400.00000 DAY	113,850.00	161,000.00	141.41%	47,150.00
	Traffic Control Management							

Colorado Department Of Transportation

Printed On: 01/31/2023

Low Bid Item Analysis

Page 6 of 7

Contract ID: C24193

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0300	630-80002	8.000	900.00000	2,000.00000 EACH	7,200.00	16,000.00	222.22%	8,800.00
	Flashing Beacon (Solar)							
0305	630-80335	2.000	160.00000	300.00000 EACH	320.00	600.00	187.50%	280.00
	Barricade (Type 3 M-A) (Temporary)							
0310	630-80341	50.000	54.00000	50.00000 EACH	2,700.00	2,500.00	92.59%	-200.00
	Construction Traffic Sign (Panel Size A)							
0315	630-80342	10.000	78.00000	55.00000 EACH	780.00	550.00	70.51%	-230.00
	Construction Traffic Sign (Panel Size B)							
0320	630-80344	64.000	26.00000	26.00000 SF	1,664.00	1,664.00	100.00%	0.00
	Construction Traffic Sign (Special)							
0325	630-80355	4.000	6,000.00000	14,000.00000 EACH	24,000.00	56,000.00	233.33%	32,000.00
	Portable Message Sign Panel							
0330	630-80358	2.000	1,700.00000	2,400.00000 EACH	3,400.00	4,800.00	141.18%	1,400.00
	Advance Warning Flashing or Sequencing Arrow Panel (C Type)							
0335	630-80360	150.000	36.00000	50.00000 EACH	5,400.00	7,500.00	138.89%	2,100.00
	Drum Channelizing Device							
0340	630-80364	150.000	40.00000	55.00000 EACH	6,000.00	8,250.00	137.50%	2,250.00
	Drum Channelizing Device (With Light) (Steady Burn)							
0345	630-80380	350.000	10.00000	4.00000 EACH	3,500.00	1,400.00	40.00%	-2,100.00
	Traffic Cone							
0350	630-80511	1.000	10,000.00000	5,000.00000 L S	10,000.00	5,000.00	50.00%	-5,000.00
	Mobile Pavement Marking Zone							

Colorado Department Of Transportation

Printed On: 01/31/2023

Low Bid Item Analysis

Page 7 of 7

Contract ID: C24193

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0355	630-85020	2.000	25,700.00000	35,000.00000 EACH	51,400.00	70,000.00	136.19%	18,600.00
	Mobile Attenuator				\$10,300,000.00	\$12,723,069.27	123.52%	\$2,423,069.27
Section 0001 Subtotal								
Contract Total for Calculated Low Bidders Bid Items					\$10,300,000.00	\$12,723,069.27	123.52%	\$2,423,069.27