# Colorado Department Of Transportation Low Bid Summary

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04/27/2020

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Letting Date: April 02, 2020

Call Order	Contract ID	Project(s)	# of Bids	Low Bidder	Estimated Cost	Corrected Bid	Percent of Estimate	Overrun (+) Underrun (-)
014	C22557	STR0341-101	4	Kilgore Companies, LLC dba Elam Construction	\$7,821,351.50	\$7,604,366.80	97.23%	-\$216,984.70
Letti	ng Totals		4		\$7,821,351.50	\$7,604,366.80	97.23%	-\$216,984.70

#### Vendor Ranking

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Contract ID: C22557

Contract Description:

Rural Road Resurfacing project along SH 34 in Granby, mile marker 0 to 15, includes full width overlay with many access roadways and driveways, compacted shoulder gravel as well as type 3 guardrail replacement and striping. In conjunction with safety improvements to the intersection of SH 34 and US 40. US 40 limits will be between mile marker 210.9 to 211.25 and will include a pavement overlay and new pavement markings.

Rank	Vendor ID	Vendor Name	Total Bid	Percent Of Low Bid	Percent Of Estimate
1	1658	Kilgore Companies, LLC dba Elam Construction	\$7,604,366.80	100.00%	97.23%
0	-EST-	Engineer's Estimate	\$7,821,351.50	102.85%	100.00%
2	672A	OLDCASTLE SW GROUP, INC.	\$7,846,230.60	103.18%	100.32%
3	027A	APC SOUTHERN CONSTRUCTION COMPANY, LLC	\$8,388,684.55	110.31%	107.25%
4	005A	A and S CONSTRUCTION CO.	\$8,767,584.00	115.30%	112.10%

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				(0) -EST- Engineer's Estimate		(1) 1658 Kilgore Companies, LLC dba Elam Construc		(2) 672A OLDCASTLE SW GROUP, INC.	
Item Code	Description	Quant	ity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS						LCC:		
202-00240	Removal of Asphalt Mat (Planing)	2,377.000	SY	2.50000	5,942.50	23.80000	56,572.60	18.30000	43,499.10
202-00250	Removal of Pavement Marking	120,754.000	SF	1.00000	120,754.00	0.75000	90,565.50	0.90000	108,678.60
202-01130	Removal of Guardrail Type 3	3,538.000	LF	5.00000	17,690.00	2.65000	9,375.70	4.30000	15,213.40
202-01300	Removal of End Anchorage	22.000 E	EACH	400.00000	8,800.00	220.00000	4,840.00	756.00000	16,632.00
203-01500	Blading	40.000 H	HOUR	150.00000	6,000.00	119.00000	4,760.00	126.00000	5,040.00
203-01580	Truck	40.000 H	HOUR	125.00000	5,000.00	123.00000	4,920.00	115.00000	4,600.00
203-01594	Combination Loader	40.000 H	HOUR	125.00000	5,000.00	78.80000	3,152.00	122.00000	4,880.00
203-01597	Potholing	40.000 H	HOUR	300.00000	12,000.00	314.00000	12,560.00	324.00000	12,960.00
203-02330	Laborer	40.000 H	HOUR	60.00000	2,400.00	35.00000	1,400.00	39.50000	1,580.00
208-00002	Erosion Log Type 1 (12 Inch)	500.000	LF	10.00000	5,000.00	17.50000	8,750.00	5.15000	2,575.00
208-00035	Aggregate Bag	500.000	LF	15.00000	7,500.00	17.50000	8,750.00	9.25000	4,625.00
208-00103	Removal and Disposal of Sediment (Labor)	40.000 H	HOUR	70.00000	2,800.00	35.00000	1,400.00	39.50000	1,580.00
208-00105	Removal and Disposal of Sediment (Equipment)	40.000 H	HOUR	150.00000	6,000.00	78.80000	3,152.00	107.50000	4,300.00
208-00106	Sweeping (Sediment Removal)	40.000 H	HOUR	180.00000	7,200.00	213.00000	8,520.00	135.00000	5,400.00
208-00107	Removal of Trash	40.000 F	HOUR	80.00000	3,200.00	80.40000	3,216.00	39.50000	1,580.00

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Printed On:

			(0) -EST- Engineer's Estimate	(1) 1658 Kilgore Companies, LLC dba Elam Construc	(2) 672A OLDCASTLE SW GROUP, INC.
Item Code	Description	Quantity	Unit Price Amour	t Unit Price Amount	Unit Price Amount
SECTION:	0001 BID ITEMS			LCC:	
210-04010	Adjust Manhole	2.000 EACH	750.00000 1,500	.00 227.00000 454.00	2,210.00000 4,420.00
240-00000	Wildlife Biologist	40.000 HOUR	150.00000 6,000	.00 90.00000 3,600.00	97.00000 3,880.00
304-08002	Aggregate Base Course (Shoulder Material)	1,504.000 CY	50.00000 75,200	.00 90.30000 135,811.20	95.00000 142,880.00
403-00721	Hot Mix Asphalt (Patching) (Asphalt)	1,540.000 SY	50.00000 77,000	.00 31.40000 48,356.00	30.00000 46,200.00
403-34701	Hot Mix Asphalt (Grading SX) (75)	35,472.000 TON	60.00000 2,128,3	20. 65.90000 2,337,604 00 80	
403-36701	Hot Mix Asphalt (Grading ST)(75)	23,733.000 TON	65.00000 1,542,6	45. 70.30000 1,668,429 00 90	64.00000 1,518,912. 00
411-03352	Asphalt Cement Performance Grade (PG 58-28)	1,403.000 TON	450.00000 631,350	.00 405.00000 568,215.00	430.00000 603,290.00
411-03355	Asphalt Cement Performance Grade (PG 58-34)	1,937.000 TON	550.00000 1,065,3	50. 485.00000 939,445.00 00	520.00000 1,007,240. 00
411-10255	Emulsified Asphalt (Slow-Setting)	77,645.000 GAL	3.00000 232,935	.00 2.00000 155,290.00	2.50000 194,112.50
518-03000	Sawing and Sealing Bridge Joint	173.000 LF	30.00000 5,190	.00 22.50000 3,892.50	13.00000 2,249.00
606-00301	Guardrail Type 3 (6-3 Post Spacing)	3,246.000 LF	40.00000 129,840	.00 38.60000 125,295.60	44.50000 144,447.00
606-01370	Transition Type 3G	4.000 EACH	3,500.00000 14,000	.00 2,880.00000 11,520.00	3,100.00000 12,400.00
606-01380	Transition Type 3H	4.000 EACH	2,300.00000 9,200	.00 1,530.00000 6,120.00	2,375.00000 9,500.00
606-01385	Transition Type 3J	2.000 EACH	3,000.00000 6,000	.00 2,955.00000 5,910.00	2,865.00000 5,730.00
606-01390	End Anchorage Type 3K	1.000 EACH	2,500.00000 2,500	.00 2,365.00000 2,365.00	3,900.00000 3,900.00

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Printed On:

Contract ID:

C22557

				(0) -EST- Engineer's Estimate		(1) 1658 Kilgore Companies, LLC dba Elam Construc		(2) 672A OLDCASTLE SW GROUP, INC.	
Item Code	Description	Quan	tity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS						LCC:		
606-02005	End Anchorage (Flared)	21.000	EACH	4,000.00000	84,000.00	4,325.00000	90,825.00	7,100.00000	149,100.00
612-00001	Delineator (Type I)	11.000	EACH	30.00000	330.00	35.00000	385.00	28.00000	308.00
612-00003	Delineator (Type III)	14.000	EACH	30.00000	420.00	40.00000	560.00	35.50000	497.00
614-80391	Rumble Strip (Grinding)(Asphalt)	156,000.000	LF	0.10000	15,600.00	0.12000	18,720.00	0.13000	20,280.00
620-00002	Field Office (Class 2)	1.000	EACH	25,000.00000	25,000.00	20,200.00000	20,200.00	38,000.00000	38,000.00
620-00012	Field Laboratory (Class 2)	1.000	EACH	28,000.00000	28,000.00	18,200.00000	18,200.00	35,000.00000	35,000.00
620-00020	Sanitary Facility	1.000	EACH	5,000.00000	5,000.00	6,840.00000	6,840.00	4,000.00000	4,000.00
626-00000	Mobilization	1.000	L S	870,000.00000	870,000.00	582,780.00000	582,780.00	775,000.00000	775,000.00
626-01113	Public Information Management (Tier III)	225.000	DAY	153.00000	34,425.00	63.20000	14,220.00	50.00000	11,250.00
627-00008	Modified Epoxy Pavement Marking	1,422.000	GAL	90.00000	127,980.00	92.00000	130,824.00	105.00000	149,310.00
627-00013	Pavement Marking Paint (High Build)	2,290.000	GAL	50.00000	114,500.00	28.00000	64,120.00	55.00000	125,950.00
627-30411	Preformed Thermoplastic Pavement Marking (Xwalk-Stop Line) (Special)	180.000	SF	20.00000	3,600.00	20.00000	3,600.00	22.75000	4,095.00
630-00000	Flagging	4,800.000	HOUR	32.00000	153,600.00	31.00000	148,800.00	39.00000	187,200.00
630-00007	Traffic Control Inspection	50.000	DAY	400.00000	20,000.00	295.00000	14,750.00	380.00000	19,000.00
630-00012	Traffic Control Management	108.000	DAY	1,000.00000	108,000.00	985.00000	106,380.00	1,300.00000	140,400.00

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			(0) -EST- Engineer's Estimate		(1) 1658 Kilgore Companies, LLC dba Elam Construc		(2) 672A OLDCASTLE SW GROUP, INC.	
Item Code	Description	Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS					LCC:		
630-80001	Flashing Beacon (Portable)	6.000 EACH	1,500.00000	9,000.00	1,800.00000	10,800.00	865.00000	5,190.00
630-80335	Barricade (Type 3 M-A) (Temporary)	2.000 EACH	300.00000	600.00	350.00000	700.00	435.00000	870.00
630-80341	Construction Traffic Sign (Panel Size A)	12.000 EACH	60.00000	720.00	40.00000	480.00	50.00000	600.00
630-80342	Construction Traffic Sign (Panel Size B)	64.000 EACH	70.00000	4,480.00	60.00000	3,840.00	60.00000	3,840.00
630-80343	Construction Traffic Sign (Panel Size C)	48.000 EACH	75.00000	3,600.00	80.00000	3,840.00	70.00000	3,360.00
630-80344	Construction Traffic Sign (Special)	96.000 SF	30.00000	2,880.00	35.00000	3,360.00	27.00000	2,592.00
630-80355	Portable Message Sign Panel	2.000 EACH	5,000.00000	10,000.00	7,500.00000	15,000.00	17,500.00000	35,000.00
630-80358	Advance Warning Flashing or Sequencing Arrow Panel (C Type)	2.000 EACH	3,000.00000	6,000.00	2,500.00000	5,000.00	1,000.00000	2,000.00
630-80360	Drum Channelizing Device	500.000 EACH	15.00000	7,500.00	20.00000	10,000.00	32.50000	16,250.00
630-80363	Drum Channelizing Device (With Light) (Flashing)	20.000 EACH	30.00000	600.00	60.00000	1,200.00	37.75000	755.00
630-80364	Drum Channelizing Device (With Light) (Steady Burn)	40.000 EACH	30.00000	1,200.00	60.00000	2,400.00	37.75000	1,510.00
630-80367	Portable Traffic Speed Monitor	2.000 EACH	2,000.00000	4,000.00	6,500.00000	13,000.00	1,500.00000	3,000.00
630-80380	Traffic Cone	300.000 EACH	10.00000	3,000.00	1.00000	300.00	10.00000	3,000.00
630-80511	Mobile Pavement Marking Zone	1.000 LS	10,000.00000	10,000.00	21,500.00000	21,500.00	25,000.00000	25,000.00
630-85010	Impact Attenuator (Temporary)	1.000 EACH	5,000.00000	5,000.00	3,500.00000	3,500.00	3,250.00000	3,250.00

## **Tabulation of Bids**

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		(0) -ES <sup>-</sup> Engineer's E		(1) 1658 Kilgore Companies, LLC dba Elam Construc		(2) 672A C OLDCASTLE SW GROUP, INC.	
Item Code Description	Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION: 0001 BID ITEMS					LCC:		
630-85020 Mobile Attenuator	1.000 EACH	20,000.00000	20,000.00	54,000.00000	54,000.00	20,000.00000	20,000.00
Section Totals:		\$7,82	21,351.50	\$7,60	04,366.80	\$7,84	46,230.60
Contract Grand Totals		\$7,8	321,351.50	\$7,6	04,366.80	\$7,8	846,230.60

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Printed On:

				(3) 027A APC SOUTHERN CONSTRUCTION		(4) 005A A and S CONSTRUCTION CO.			
Item Code	Description	Quar	itity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS						LCC:		
202-00240	Removal of Asphalt Mat (Planing)	2,377.000	SY	11.63000	27,644.51	26.00000	61,802.00		
202-00250	Removal of Pavement Marking	120,754.000	SF	0.79000	95,395.66	1.50000	181,131.00		
202-01130	Removal of Guardrail Type 3	3,538.000	LF	4.20000	14,859.60	6.00000	21,228.00		
202-01300	Removal of End Anchorage	22.000	EACH	73.50000	1,617.00	600.00000	13,200.00		
203-01500	Blading	40.000	HOUR	157.49000	6,299.60	135.00000	5,400.00		
203-01580	Truck	40.000	HOUR	105.00000	4,200.00	160.00000	6,400.00		
203-01594	Combination Loader	40.000	HOUR	131.24000	5,249.60	150.00000	6,000.00		
203-01597	Potholing	40.000	HOUR	236.24000	9,449.60	300.00000	12,000.00		
203-02330	Laborer	40.000	HOUR	78.75000	3,150.00	75.00000	3,000.00		
208-00002	Erosion Log Type 1 (12 Inch)	500.000	LF	6.30000	3,150.00	12.00000	6,000.00		
208-00035	Aggregate Bag	500.000	LF	10.50000	5,250.00	14.00000	7,000.00		
208-00103	Removal and Disposal of Sediment (Labor)	40.000	HOUR	52.50000	2,100.00	65.00000	2,600.00		
208-00105	Removal and Disposal of Sediment (Equipment)	40.000	HOUR	78.75000	3,150.00	135.00000	5,400.00		
208-00106	Sweeping (Sediment Removal)	40.000	HOUR	183.74000	7,349.60	200.00000	8,000.00		
208-00107	Removal of Trash	40.000	HOUR	78.75000	3,150.00	90.00000	3,600.00		

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Printed On:

		CONTRACT ID. C22	301		
			(3) 027A APC SOUTHERN CONSTRUCTION COMPANY, LLC	(4) 005A A and S CONSTRUCTION CO.	
Item Code	Description	Quantity	Unit Price Amount	Unit Price Amount	Unit Price Amount
SECTION:	0001 BID ITEMS			LCC:	
210-04010	Adjust Manhole	2.000 EACH	1,574.94000 3,149.88	2,200.00000 4,400.00	
240-00000	Wildlife Biologist	40.000 HOUR	131.24000 5,249.60	300.00000 12,000.00	
304-08002	Aggregate Base Course (Shoulder Material)	1,504.000 CY	46.18000 69,454.72	72.00000 108,288.00	
403-00721	Hot Mix Asphalt (Patching) (Asphalt)	1,540.000 SY	45.13000 69,500.20	22.00000 33,880.00	
403-34701	Hot Mix Asphalt (Grading SX) (75)	35,472.000 TON	75.41000 2,674,943. 52	70.00000 2,483,040. 00	
403-36701	Hot Mix Asphalt (Grading ST)(75)	23,733.000 TON	80.55000 1,911,693. 15	76.00000 1,803,708. 00	
411-03352	Asphalt Cement Performance Grade (PG 58-28)	1,403.000 TON	424.66000 595,797.98	440.00000 617,320.00	
411-03355	Asphalt Cement Performance Grade (PG 58-34)	1,937.000 TON	508.29000 984,557.73	520.00000 1,007,240. 00	
411-10255	Emulsified Asphalt (Slow-Setting)	77,645.000 GAL	2.69000 208,865.05	3.00000 232,935.00	
518-03000	Sawing and Sealing Bridge Joint	173.000 LF	23.63000 4,087.99	40.00000 6,920.00	
606-00301	Guardrail Type 3 (6-3 Post Spacing)	3,246.000 LF	38.85000 126,107.10	46.00000 149,316.00	
606-01370	Transition Type 3G	4.000 EACH	2,992.38000 11,969.52	4,000.00000 16,000.00	
606-01380	Transition Type 3H	4.000 EACH	2,309.91000 9,239.64	2,100.00000 8,400.00	
606-01385	Transition Type 3J	2.000 EACH	2,782.39000 5,564.78	3,600.00000 7,200.00	

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				(3) 027A  APC SOUTHERN CONSTRUCTION COMPANY, LLC  (4) 005A A and S CONSTRUCTION CO.					
Item Code	Description	Quan	tity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS						LCC:		
606-01390	End Anchorage Type 3K	1.000	EACH	3,779.85000	3,779.85	1,900.00000	1,900.00		
606-02005	End Anchorage (Flared)	21.000	EACH	3,044.88000	63,942.48	6,500.00000	136,500.00		
612-00001	Delineator (Type I)	11.000	EACH	37.48000	412.28	30.00000	330.00		
612-00003	Delineator (Type III)	14.000	EACH	40.70000	569.80	44.00000	616.00		
614-80391	Rumble Strip (Grinding)(Asphalt)	156,000.000	LF	0.11000	17,160.00	0.10000	15,600.00		
620-00002	Field Office (Class 2)	1.000	EACH	16,799.34000	16,799.34	28,000.00000	28,000.00		
620-00012	Field Laboratory (Class 2)	1.000	EACH	20,999.18000	20,999.18	26,000.00000	26,000.00		
620-00020	Sanitary Facility	1.000	EACH	6,299.75000	6,299.75	7,000.00000	7,000.00		
626-00000	Mobilization	1.000	LS	665,422.27000	665,422.27	939,000.00000	939,000.00		
626-01113	Public Information Management (Tier III)	225.000	DAY	78.75000	17,718.75	66.00000	14,850.00		
627-00008	Modified Epoxy Pavement Marking	1,422.000	GAL	105.00000	149,310.00	120.00000	170,640.00		
627-00013	Pavement Marking Paint (High Build)	2,290.000	GAL	42.00000	96,180.00	34.00000	77,860.00		
627-30411	Preformed Thermoplastic Pavement Marking (Xwalk-Stop Line) (Special)	180.000	SF	29.40000	5,292.00	30.00000	5,400.00		
630-00000	Flagging	4,800.000	HOUR	38.55000	185,040.00	40.00000	192,000.00		
630-00007	Traffic Control Inspection	50.000	DAY	374.84000	18,742.00	500.00000	25,000.00		

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Printed On:

			(3) 027A APC SOUTHERN CONSTRUCTION COMPANY, LLC		(4) 005A A and S CONSTRUCTION CO.			
Item Code	Description	Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS					LCC:		
630-00012	Traffic Control Management	108.000 DAY	1,285.15000	138,796.20	1,400.00000	151,200.00		
630-80001	Flashing Beacon (Portable)	6.000 EACH	856.77000	5,140.62	1,500.00000	9,000.00		
630-80335	Barricade (Type 3 M-A) (Temporary)	2.000 EACH	428.38000	856.76	700.00000	1,400.00		
630-80341	Construction Traffic Sign (Panel Size A)	12.000 EACH	48.19000	578.28	50.00000	600.00		
630-80342	Construction Traffic Sign (Panel Size B)	64.000 EACH	58.90000	3,769.60	60.00000	3,840.00		
630-80343	Construction Traffic Sign (Panel Size C)	48.000 EACH	69.61000	3,341.28	70.00000	3,360.00		
630-80344	Construction Traffic Sign (Special)	96.000 SF	26.77000	2,569.92	30.00000	2,880.00		
630-80355	Portable Message Sign Panel	2.000 EACH	16,064.37000	32,128.74	20,000.00000	40,000.00		
630-80358	Advance Warning Flashing or Sequencing Arrow Panel (C Type)	2.000 EACH	267.74000	535.48	1,000.00000	2,000.00		
630-80360	Drum Channelizing Device	500.000 EACH	32.13000	16,065.00	35.00000	17,500.00		
630-80363	Drum Channelizing Device (With Light) (Flashing)	20.000 EACH	37.48000	749.60	40.00000	800.00		
630-80364	Drum Channelizing Device (With Light) (Steady Burn)	40.000 EACH	37.48000	1,499.20	40.00000	1,600.00		
630-80367	Portable Traffic Speed Monitor	2.000 EACH	910.31000	1,820.62	3,000.00000	6,000.00		
630-80380	Traffic Cone	300.000 EACH	10.71000	3,213.00	11.00000	3,300.00		

## **Tabulation of Bids**

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Printed On:

		(3) 027A APC SOUTHERN CONSTRUCTION COMPANY, LLC	(4) 005A A and S CONSTRUCTION CO.	
Item Code Description	Quantity	Unit Price Amount	Unit Price Amount	Unit Price Amount
SECTION: 0001 BID ITEMS			LCC:	
630-80511 Mobile Pavement Marking Zone	1.000 LS	13,124.49000 13,124.49	24,000.00000 24,000.00	
630-85010 Impact Attenuator (Temporary)	1.000 EACH	3,212.87000 3,212.87	4,000.00000 4,000.00	
630-85020 Mobile Attenuator	1.000 EACH	21,419.16000 21,419.16	22,000.00000 22,000.00	
Section Totals:		\$8,388,684.55	\$8,767,584.00	
Contract Grand Totals		\$8,388,684.55	\$8,767,584.00	

# Low Bid Item Analysis

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Printed On:

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0005	202-00240 Removal of Asph	2,377.000 nalt Mat (Planing)	2.50000	23.80000 SY	5,942.50	56,572.60	952.00%	50,630.10
0010	202-00250 Removal of Pave	120,754.00 ement Marking	1.00000	0.75000 SF	120,754.00	90,565.50	75.00%	-30,188.50
0015	202-01130 Removal of Guar	3,538.000 rdrail Type 3	5.00000	2.65000 LF	17,690.00	9,375.70	53.00%	-8,314.30
0020	202-01300 Removal of End	22.000 Anchorage	400.00000	220.00000 EACH	8,800.00	4,840.00	55.00%	-3,960.00
0025	203-01500 Blading	40.000	150.00000	119.00000 HOUR	6,000.00	4,760.00	79.33%	-1,240.00
0030	203-01580 Truck	40.000	125.00000	123.00000 HOUR	5,000.00	4,920.00	98.40%	-80.00
0035	203-01594 Combination Loa	40.000 ader	125.00000	78.80000 HOUR	5,000.00	3,152.00	63.04%	-1,848.00
0040	203-01597 Potholing	40.000	300.00000	314.00000 HOUR	12,000.00	12,560.00	104.67%	560.00
0045	203-02330 Laborer	40.000	60.00000	35.00000 HOUR	2,400.00	1,400.00	58.33%	-1,000.00
0050	208-00002 Erosion Log Type	500.000 e 1 (12 Inch)	10.00000	17.50000 LF	5,000.00	8,750.00	175.00%	3,750.00
0055	208-00035 Aggregate Bag	500.000	15.00000	17.50000 LF	7,500.00	8,750.00	116.67%	1,250.00
0060	208-00103 Removal and Dis	40.000 sposal of Sediment (	70.00000 Labor)	35.00000 HOUR	2,800.00	1,400.00	50.00%	-1,400.00

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Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0065	208-00105 Removal and Dis	40.000 sposal of Sediment (	150.00000 Equipment)	78.80000 HOUR	6,000.00	3,152.00	52.53%	-2,848.00
0070	208-00106 Sweeping (Sedin	40.000 nent Removal)	180.00000	213.00000 HOUR	7,200.00	8,520.00	118.33%	1,320.00
0075	208-00107 Removal of Trasl	40.000 h	80.00000	80.40000 HOUR	3,200.00	3,216.00	100.50%	16.00
0800	210-04010 Adjust Manhole	2.000	750.00000	227.00000 EACH	1,500.00	454.00	30.27%	-1,046.00
0085	240-00000 Wildlife Biologist	40.000	150.00000	90.00000 HOUR	6,000.00	3,600.00	60.00%	-2,400.00
0090	304-08002 Aggregate Base	1,504.000 Course (Shoulder M	50.00000 aterial)	90.30000 CY	75,200.00	135,811.20	180.60%	60,611.20
0095	403-00721 Hot Mix Asphalt (	1,540.000 (Patching) (Asphalt)	50.00000	31.40000 SY	77,000.00	48,356.00	62.80%	-28,644.00
0100	403-34701 Hot Mix Asphalt (	35,472.000 (Grading SX) (75)	60.00000	65.90000 TON	2,128,320.00	2,337,604.80	109.83%	209,284.80
0105	403-36701 Hot Mix Asphalt (	23,733.000 (Grading ST)(75)	65.00000	70.30000 TON	1,542,645.00	1,668,429.90	108.15%	125,784.90
0110	411-03352 Asphalt Cement	1,403.000 Performance Grade	450.00000 (PG 58-28)	405.00000 TON	631,350.00	568,215.00	90.00%	-63,135.00
0115	411-03355 Asphalt Cement	1,937.000 Performance Grade	550.00000 (PG 58-34)	485.00000 TON	1,065,350.00	939,445.00	88.18%	-125,905.00
0120	411-10255 Emulsified Aspha	77,645.000 alt (Slow-Setting)	3.00000	2.00000 GAL	232,935.00	155,290.00	66.67%	-77,645.00

# Low Bid Item Analysis

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Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0125	518-03000 Sawing and Sea	173.000 ling Bridge Joint	30.00000	22.50000 LF	5,190.00	3,892.50	75.00%	-1,297.50
0130	606-00301 Guardrail Type 3	3,246.000 3 (6-3 Post Spacing)	40.00000	38.60000 LF	129,840.00	125,295.60	96.50%	-4,544.40
0135	606-01370 Transition Type	4.000 3G	3,500.00000	2,880.00000 EACH	14,000.00	11,520.00	82.29%	-2,480.00
0140	606-01380 Transition Type	4.000 3H	2,300.00000	1,530.00000 EACH	9,200.00	6,120.00	66.52%	-3,080.00
0145	606-01385 Transition Type	2.000 3J	3,000.00000	2,955.00000 EACH	6,000.00	5,910.00	98.50%	-90.00
0150	606-01390 End Anchorage	1.000 Type 3K	2,500.00000	2,365.00000 EACH	2,500.00	2,365.00	94.60%	-135.00
0155	606-02005 End Anchorage	21.000 (Flared)	4,000.00000	4,325.00000 EACH	84,000.00	90,825.00	108.13%	6,825.00
0160	612-00001 Delineator (Type	11.000 : I)	30.00000	35.00000 EACH	330.00	385.00	116.67%	55.00
0165	612-00003 Delineator (Type	14.000 : III)	30.00000	40.00000 EACH	420.00	560.00	133.33%	140.00
0170	614-80391 Rumble Strip (G	156,000.00 rinding)(Asphalt)	0.10000	0.12000 LF	15,600.00	18,720.00	120.00%	3,120.00
0175	620-00002 Field Office (Cla	1.000 ss 2)	25,000.00000	20,200.00000 EACH	25,000.00	20,200.00	80.80%	-4,800.00
0180	620-00012 Field Laboratory	1.000 (Class 2)	28,000.00000	18,200.00000 EACH	28,000.00	18,200.00	65.00%	-9,800.00

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SECTION:	0001	BID ITEMS						
0185	620-00020 Sanitary Facility	1.000	5,000.00000	6,840.00000 EACH	5,000.00	6,840.00	136.80%	1,840.00
0190	626-00000 Mobilization	1.000	870,000.00000	582,780.00000 L S	870,000.00	582,780.00	66.99%	-287,220.00
0195	626-01113 Public Information	225.000 on Management (Tie	153.00000 er III)	63.20000 DAY	34,425.00	14,220.00	41.31%	-20,205.00
0200	627-00008 Modified Epoxy I	1,422.000 Pavement Marking	90.00000	92.00000 GAL	127,980.00	130,824.00	102.22%	2,844.00
0205	627-00013 Pavement Marki	2,290.000 ng Paint (High Build	50.00000 )	28.00000 GAL	114,500.00	64,120.00	56.00%	-50,380.00
0210	627-30411 Preformed Therr (Xwalk-Stop Line	180.000 noplastic Pavement e) (Special)	20.00000 Marking	20.00000 SF	3,600.00	3,600.00	100.00%	0.00
0215	630-00000 Flagging	4,800.000	32.00000	31.00000 HOUR	153,600.00	148,800.00	96.88%	-4,800.00
0220	630-00007 Traffic Control In	50.000 spection	400.00000	295.00000 DAY	20,000.00	14,750.00	73.75%	-5,250.00
0225	630-00012 Traffic Control M	108.000 anagement	1,000.00000	985.00000 DAY	108,000.00	106,380.00	98.50%	-1,620.00
0230	630-80001 Flashing Beacon	6.000 (Portable)	1,500.00000	1,800.00000 EACH	9,000.00	10,800.00	120.00%	1,800.00
0235	630-80335 Barricade (Type	2.000 3 M-A) (Temporary	300.00000	350.00000 EACH	600.00	700.00	116.67%	100.00
0240	630-80341 Construction Tra	12.000 ffic Sign (Panel Size	60.00000 e A)	40.00000 EACH	720.00	480.00	66.67%	-240.00

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SECTION:	0001	BID ITEMS						
0245	630-80342 Construction Tra	64.000 iffic Sign (Panel Size	70.00000 e B)	60.00000 EACH	4,480.00	3,840.00	85.71%	-640.00
0250	630-80343 Construction Tra	48.000 iffic Sign (Panel Size	75.00000 e C)	80.00000 EACH	3,600.00	3,840.00	106.67%	240.00
0255	630-80344 Construction Tra	96.000 Iffic Sign (Special)	30.00000	35.00000 SF	2,880.00	3,360.00	116.67%	480.00
0260	630-80355 Portable Messag	2.000 ge Sign Panel	5,000.00000	7,500.00000 EACH	10,000.00	15,000.00	150.00%	5,000.00
0265	630-80358 Advance Warnin Panel (C Type)	2.000 g Flashing or Seque	3,000.00000 encing Arrow	2,500.00000 EACH	6,000.00	5,000.00	83.33%	-1,000.00
0270	630-80360 Drum Channeliz	500.000 ing Device	15.00000	20.00000 EACH	7,500.00	10,000.00	133.33%	2,500.00
0275	630-80363 Drum Channeliz (Flashing)	20.000 ing Device (With Lig	30.00000 ht)	60.00000 EACH	600.00	1,200.00	200.00%	600.00
0280	630-80364 Drum Channeliz Burn)	40.000 ing Device (With Lig	30.00000 ht) (Steady	60.00000 EACH	1,200.00	2,400.00	200.00%	1,200.00
0285	630-80367 Portable Traffic S	2.000 Speed Monitor	2,000.00000	6,500.00000 EACH	4,000.00	13,000.00	325.00%	9,000.00
0290	630-80380 Traffic Cone	300.000	10.00000	1.00000 EACH	3,000.00	300.00	10.00%	-2,700.00
0295	630-80511 Mobile Pavemer	1.000 at Marking Zone	10,000.00000	21,500.00000 L S	10,000.00	21,500.00	215.00%	11,500.00

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Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0300	630-85010 Impact Attenuate	1.000 or (Temporary)	5,000.00000	3,500.00000 EACH	5,000.00	3,500.00	70.00%	-1,500.00
0305	630-85020 Mobile Attenuate	1.000 or	20,000.00000	54,000.00000 EACH	20,000.00	54,000.00	270.00%	34,000.00
Section 0	001 Subtotal				\$7,821,351.50	\$7,604,366.80	97.23%	-\$216,984.70
Contra	ct Total for Cald	culated Low Bidd	lers Bid Items		\$7,821,351.50	\$7,604,366.80	97.23%	-\$216,984.70