

Colorado Department of Transportation

Printed On: 06/28/2024

Low Bid Summary

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Letting Date: May 09, 2024

Call Order	Contract ID	Project(s)	# of Bids	Low Bidder	Estimated Cost	Corrected Bid	Percent of Estimate	Overrun (+) Underrun (-)
004	C24417S	FSA070A-039	5	Martin Marietta Materials, Inc.	\$30,939,340.00	\$34,726,159.27	112.24%	\$3,786,819.27
Letting Totals			5		\$30,939,340.00	\$34,726,159.27	112.24%	\$3,786,819.27

Colorado Department of TransportationPrinted On: **06/28/2024****Vendor Ranking**

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Contract ID: C24417S

Contract Description:

Project scope is to resurface EB and WB I-70 from Chief Hosa (MP 252.4) to Colfax (MP 258.7). The resurfacing project will include mill and fill, guardrail improvements, erosion control, and signing and striping. Bridge deck repair is planned for the bridge at the eastern extent of the project (MP 258.7).

Additionally, the project will implement safety strategies defined in the I-70 EB Active Traffic Management (ATM) Concept of Operations, including Variable Speed Limit (VSL) signs, Variable Message Signs (VMS), Microwave Vehicle Radar Detection (MVRD), friction sensors, and sign installations on EB I-70 between Genesee (MP 253) and Colfax Ave (MP 262).

A mandatory pre-bid conference/meeting will held April, 15th 2024 at 9:00 am at 425A Corporate Circle, Golden, CO 80401.

Rank	Vendor ID	Vendor Name	Total Bid	Percent Of Low Bid	Percent Of Estimate
0	-EST-	Engineer's Estimate	\$30,939,340.00	89.10%	100.00%
1	757A	Martin Marietta Materials, Inc.	\$34,726,159.27	100.00%	112.24%
2	028B	Holcim -WCR, Inc. Aggregate Industries - WCR, Inc.	\$39,239,579.90	113.00%	126.83%
3	032A	BRANNAN SAND AND GRAVEL, LLC	\$40,648,531.32	117.05%	131.38%
4	672A	OLDCASTLE SW GROUP, INC.	\$42,000,000.00	120.95%	135.75%
5	695A	KIEWIT INFRASTRUCTURE CO.	\$48,986,717.95	141.07%	158.33%

Tabulation of Bids

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Contract ID: C24417S

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 757A MARTIN MARIETTA MATERIALS		(2) 028B Holcim-WCR, Inc.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS			LCC:			
202-00019	Removal of Inlet	4.000 EACH	4,000.00000	16,000.00	5,607.57000	22,430.28	2,750.00000	11,000.00
202-00026	Removal of Slope and Ditch Paving	189.000 SY	50.00000	9,450.00	140.19000	26,495.91	223.30000	42,203.70
202-00090	Removal of Delineator	713.000 EACH	10.00000	7,130.00	11.80000	8,413.40	11.00000	7,843.00
202-00201	Removal of Curb	2,857.000 LF	8.00000	22,856.00	3.91000	11,170.87	22.15000	63,282.55
202-00220	Removal of Asphalt Mat	2,464.000 SY	10.00000	24,640.00	17.03000	41,961.92	220.35000	542,942.40
202-00240	Removal of Asphalt Mat (Planing)	367,351.000 SY	3.00000	1,102,053.00	2.92000	1,072,664.92	2.40000	881,642.40
202-00246	Removal of Asphalt Mat (Planing) (Special)	2,996.000 SY	20.00000	59,920.00	10.34000	30,978.64	14.90000	44,640.40
202-00250	Removal of Pavement Marking	119,858.000 SF	1.50000	179,787.00	0.59000	70,716.22	1.35000	161,808.30
202-00453	Removal of Portions of Present Structure (Class 2)	225.000 SY	500.00000	112,500.00	985.24000	221,679.00	918.50000	206,662.50
202-00460	Removal of Portions of Present Structure (Class 3)	75.000 SY	1,000.00000	75,000.00	1,327.42000	99,556.50	1,237.00000	92,775.00
202-00810	Removal of Ground Sign	28.000 EACH	200.00000	5,600.00	294.98000	8,259.44	166.10000	4,650.80
202-00821	Removal of Sign Panel	299.000 EACH	70.00000	20,930.00	147.49000	44,099.51	55.00000	16,445.00
202-01130	Removal of Guardrail Type 3	39,352.000 LF	5.00000	196,760.00	3.85000	151,505.20	11.00000	432,872.00
202-01300	Removal of End Anchorage	64.000 EACH	400.00000	25,600.00	557.31000	35,667.84	2,750.00000	176,000.00
202-04002	Clean Culvert	30.000 EACH	5,000.00000	150,000.00	8,937.06000	268,111.80	6,328.00000	189,840.00

Tabulation of Bids

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Contract ID: C24417S

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 757A MARTIN MARIETTA MATERIALS		(2) 028B Holcim-WCR, Inc.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS			LCC:			
202-04010	Clean Inlet	30.000 EACH	1,500.00000	45,000.00	2,336.49000	70,094.70	6,328.00000	189,840.00
202-05030	Sawing Asphalt Material (10 Inch)	5,140.000 LF	5.00000	25,700.00	6.26000	32,176.40	5.50000	28,270.00
203-00010	Unclassified Excavation (Complete In Place)	3,981.000 CY	32.00000	127,392.00	134.35000	534,847.35	161.95000	644,722.95
203-00060	Embankment Material (Complete In Place)	191.000 CY	100.00000	19,100.00	332.95000	63,593.45	860.25000	164,307.75
203-00400	Rock Excavation	703.000 CY	140.00000	98,420.00	245.33000	172,466.99	485.80000	341,517.40
203-01510	Backhoe	60.000 HOUR	125.00000	7,500.00	158.36000	9,501.60	331.75000	19,905.00
203-01580	Truck	40.000 HOUR	150.00000	6,000.00	105.14000	4,205.60	126.50000	5,060.00
203-01590	Front End Loader (Rubber Tire)	60.000 HOUR	150.00000	9,000.00	158.36000	9,501.60	331.75000	19,905.00
203-01597	Potholing	250.000 HOUR	600.00000	150,000.00	438.09000	109,522.50	275.00000	68,750.00
206-00065	Structure Backfill (Flow-Fill)	2.000 CY	270.00000	540.00	554.92000	1,109.84	2,750.00000	5,500.00
207-00205	Topsoil	600.000 CY	30.00000	18,000.00	88.80000	53,280.00	128.40000	77,040.00
208-00002	Erosion Log Type 1 (12 Inch)	3,230.000 LF	8.00000	25,840.00	6.02000	19,444.60	8.80000	28,424.00
208-00013	Erosion Log Type 1 (20 Inch)	4,600.000 LF	8.50000	39,100.00	8.56000	39,376.00	19.80000	91,080.00
208-00020	Silt Fence	200.000 LF	3.50000	700.00	1.74000	348.00	7.15000	1,430.00
208-00035	Aggregate Bag	3,700.000 LF	11.00000	40,700.00	8.78000	32,486.00	19.80000	73,260.00

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Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 757A MARTIN MARIETTA MATERIALS		(2) 028B Holcim-WCR, Inc.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS				LCC:			
208-00046	Pre-fabricated Concrete Washout Structure (Type 1)	2.000 EACH	1,600.00000	3,200.00	3,609.87000	7,219.74	5,500.00000	11,000.00
208-00051	Storm Drain Inlet Protection (Type I)	50.000 LF	130.00000	6,500.00	8.78000	439.00	22.00000	1,100.00
208-00075	Pre-fabricated Vehicle Tracking Pad	1.000 EACH	14,300.00000	14,300.00	1,168.24000	1,168.24	13,200.00000	13,200.00
208-00103	Removal and Disposal of Sediment (Labor)	40.000 HOUR	130.00000	5,200.00	77.38000	3,095.20	443.10000	17,724.00
208-00105	Removal and Disposal of Sediment (Equipment)	40.000 HOUR	200.00000	8,000.00	219.65000	8,786.00	118.25000	4,730.00
208-00106	Sweeping (Sediment Removal)	20.000 HOUR	285.00000	5,700.00	207.77000	4,155.40	275.00000	5,500.00
208-00107	Removal of Trash	40.000 HOUR	125.00000	5,000.00	207.77000	8,310.80	628.90000	25,156.00
208-00207	Erosion Control Management	200.000 DAY	540.00000	108,000.00	673.84000	134,768.00	825.00000	165,000.00
212-00701	Compost (Mechanically Applied)	218.000 CY	100.00000	21,800.00	81.82000	17,836.76	77.00000	16,786.00
212-00702	Biotic Soil Amendments (Hydraulically Applied)	6,705.000 LB	1.50000	10,057.50	1.25000	8,381.25	11.00000	73,755.00
212-00703	Humate	615.000 LB	5.00000	3,075.00	2.05000	1,260.75	5.50000	3,382.50
212-00704	Mycorrhizae	97.000 LB	25.00000	2,425.00	12.88000	1,249.36	27.50000	2,667.50
212-00707	Seeding (Native) Hydraulic	1.590 ACRE	6,000.00000	9,540.00	1,173.21000	1,865.40	4,180.00000	6,646.20
212-00708	Seeding (Native) Broadcast	3.350 ACRE	3,050.00000	10,217.50	1,281.50000	4,293.03	4,950.00000	16,582.50
213-00011	Mulching (Hydraulic)	2.980 ACRE	7,000.00000	20,860.00	1,973.40000	5,880.73	4,400.00000	13,112.00

Tabulation of Bids

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Contract ID: C24417S

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 757A MARTIN MARIETTA MATERIALS		(2) 028B Holcim-WCR, Inc.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS			LCC:			
213-00012	Spray-on Mulch Blanket	2.850 ACRE	5,000.00000	14,250.00	4,349.90000	12,397.22	6,600.00000	18,810.00
213-00061	Mulch Tackifier	400.000 LB	6.00000	2,400.00	3.37000	1,348.00	11.00000	4,400.00
214-00000	Landscape Maintenance	1.000 L S	15,000.00000	15,000.00	19,493.31000	19,493.31	54,999.00000	54,999.00
216-00201	Soil Retention Blanket (Straw-Coconut) (Biodegradable Class 1)	25.000 SY	30.00000	750.00	3.79000	94.75	16.50000	412.50
216-00301	Turf Reinforcement Mat (Class 1)	250.000 SY	5.00000	1,250.00	7.46000	1,865.00	16.50000	4,125.00
240-00000	Wildlife Biologist	20.000 HOUR	170.00000	3,400.00	186.92000	3,738.40	220.00000	4,400.00
240-00010	Removal of Nests	20.000 HOUR	170.00000	3,400.00	186.92000	3,738.40	220.00000	4,400.00
304-06007	Aggregate Base Course (Class 6)	363.000 CY	80.00000	29,040.00	461.46000	167,509.98	174.15000	63,216.45
403-00720	Hot Mix Asphalt (Patching) (Asphalt)	2,255.000 TON	500.00000	1,127,500.00	262.44000	591,802.20	589.00000	1,328,195.00
403-00800	Emergency Pothole Repair	100.000 TON	600.00000	60,000.00	563.33000	56,333.00	595.70000	59,570.00
403-09221	Stone Matrix Asphalt (Fibers)(Asphalt)	50,922.000 TON	135.00000	6,874,470.00	134.83000	6,865,813.26	129.40000	6,589,306.80
408-01100	Joint Sealant	234.000 LF	40.00000	9,360.00	56.64000	13,253.76	52.80000	12,355.20
411-10255	Emulsified Asphalt (Slow-Setting)	18,337.000 GAL	5.00000	91,685.00	3.50000	64,179.50	7.70000	141,194.90
503-00024	Drilled Shaft (24 Inch)	24.000 LF	770.00000	18,480.00	1,168.24000	28,037.76	566.50000	13,596.00
503-00048	Drilled Shaft (48 Inch)	32.000 LF	1,100.00000	35,200.00	1,986.01000	63,552.32	1,008.00000	32,256.00

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Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 757A MARTIN MARIETTA MATERIALS		(2) 028B Holcim-WCR, Inc.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS				LCC:			
507-00700	Slope and Ditch Paving (Special)	26.000 CY	1,500.00000	39,000.00	3,212.67000	83,529.42	27.50000	715.00
509-00001	Structural Steel (Galvanized)	160.000 LB	15.00000	2,400.00	11.86000	1,897.60	93.50000	14,960.00
515-00120	Waterproofing (Membrane)	2,996.000 SY	25.00000	74,900.00	29.50000	88,382.00	38.50000	115,346.00
601-03057	Concrete Class DR	36.000 CY	2,200.00000	79,200.00	5,073.68000	182,652.48	4,730.00000	170,280.00
601-40300	Structural Concrete Coating	6,511.000 SY	22.00000	143,242.00	29.50000	192,074.50	44.00000	286,484.00
601-51005	Galvanic Anodes	1,498.000 EACH	30.00000	44,940.00	49.56000	74,240.88	46.20000	69,207.60
602-00000	Reinforcing Steel	1,873.000 LB	3.00000	5,619.00	5.90000	11,050.70	5.50000	10,301.50
603-01185	18 Inch Reinforced Concrete Pipe (Complete In Place)	3,761.000 LF	120.00000	451,320.00	350.47000	1,318,117.67	412.50000	1,551,412.50
603-03180	18 Inch Reinforced Concrete Pipe Special	313.000 LF	200.00000	62,600.00	963.80000	301,669.40	880.00000	275,440.00
604-25000	Vane Grate Inlet Special	40.000 EACH	6,500.00000	260,000.00	17,523.65000	700,946.00	19,800.00000	792,000.00
604-30005	Manhole Slab Base (5 Foot)	1.000 EACH	6,500.00000	6,500.00	18,691.90000	18,691.90	19,800.00000	19,800.00
606-00302	Guardrail Type 3 (31 Inch Midwest Guardrail System)	33,398.000 LF	30.00000	1,001,940.00	45.36000	1,514,933.28	60.50000	2,020,579.00
606-00350	Guardrail Type 3 (Double) (6-3 Post Spacing)	1,836.000 LF	63.00000	115,668.00	73.52000	134,982.72	82.50000	151,470.00
606-00940	Guardrail Type 9 (Style CE)	5,140.000 LF	320.00000	1,644,800.00	582.88000	2,996,003.20	547.80000	2,815,692.00
606-01340	End Anchorage Type 3D	22.000 EACH	2,600.00000	57,200.00	3,545.44000	77,999.68	1,980.00000	43,560.00

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Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 757A MARTIN MARIETTA MATERIALS		(2) 028B Holcim-WCR, Inc.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS			LCC:			
606-01370	Transition Type 3G	16.000 EACH	3,800.00000	60,800.00	7,713.42000	123,414.72	6,050.00000	96,800.00
606-01372	Transition Type GR9-GR3	6.000 EACH	8,500.00000	51,000.00	5,794.03000	34,764.18	11,000.00000	66,000.00
606-01380	Transition Type 3H	6.000 EACH	2,500.00000	15,000.00	7,713.42000	46,280.52	2,420.00000	14,520.00
606-01402	Transition Type BR10B-GR3	4.000 EACH	17,000.00000	68,000.00	33,037.93000	132,151.72	5,500.00000	22,000.00
606-01460	Median Terminal	4.000 EACH	11,200.00000	44,800.00	9,272.70000	37,090.80	16,500.00000	66,000.00
606-02003	End Anchorage (Nonflared)	4.000 EACH	4,900.00000	19,600.00	6,604.72000	26,418.88	4,950.00000	19,800.00
606-02005	End Anchorage (Flared)	20.000 EACH	11,500.00000	230,000.00	6,604.72000	132,094.40	4,950.00000	99,000.00
607-11525	Fence (Plastic)	100.000 LF	14.00000	1,400.00	2.41000	241.00	11.00000	1,100.00
609-60011	Curb Type 6 (Section M)	2,857.000 LF	18.00000	51,426.00	22.29000	63,682.53	38.30000	109,423.10
612-00010	Delineator (Special)	12.000 EACH	170.00000	2,040.00	135.69000	1,628.28	176.00000	2,112.00
612-00021	Delineator (Type I) (Barrier)	26.000 EACH	150.00000	3,900.00	117.99000	3,067.74	82.50000	2,145.00
612-00023	Delineator (Type III) (Barrier)	32.000 EACH	200.00000	6,400.00	117.99000	3,775.68	82.50000	2,640.00
612-00041	Delineator (Flexible) (Type I)	522.000 EACH	85.00000	44,370.00	135.69000	70,830.18	66.00000	34,452.00
612-00042	Delineator (Flexible) (Type II)	77.000 EACH	90.00000	6,930.00	135.69000	10,448.13	68.20000	5,251.40
612-00043	Delineator (Flexible) (Type III)	102.000 EACH	95.00000	9,690.00	135.69000	13,840.38	70.40000	7,180.80
612-00260	Location Marker (Fiber Optic)(Dome)	34.000 EACH	310.00000	10,540.00	300.24000	10,208.16	389.40000	13,239.60

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			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS				LCC:			
612-00270	Location Marker (Utility)(Flat Slat)	16.000 EACH	270.00000	4,320.00	221.97000	3,551.52	393.80000	6,300.80
613-00206	2 Inch Electrical Conduit (Bored)	23,682.000 LF	100.00000	2,368,200.00	103.97000	2,462,217.54	68.20000	1,615,112.40
613-00306	3 Inch Electrical Conduit (Bored)	1,927.000 LF	100.00000	192,700.00	140.19000	270,146.13	88.00000	169,576.00
613-01200	2 Inch Electrical Conduit (Plastic)	3,600.000 LF	50.00000	180,000.00	151.87000	546,732.00	62.70000	225,720.00
613-03500	Electrical Conduit (Plastic) (Multiduct) (Special)	2,175.000 LF	50.00000	108,750.00	257.01000	558,996.75	105.60000	229,680.00
613-04100	Electrical System Modifications	1.000 L S	300,000.00000	300,000.00	18,423.20000	18,423.20	4,457.00000	4,457.00
613-07001	Type One Pull Box	34.000 EACH	2,900.00000	98,600.00	1,886.71000	64,148.14	1,478.00000	50,252.00
613-07004	Type Four Pull Box	53.000 EACH	4,400.00000	233,200.00	3,852.87000	204,202.11	3,506.00000	185,818.00
613-10000	Wiring	1.000 L S	1,000,000.00000	1,000,000.00	233,648.71000	233,648.71	192,686.00000	192,686.00
613-10015	Breakaway Wiring System	22.000 EACH	4,200.00000	92,400.00	882.02000	19,404.44	2,163.00000	47,586.00
613-32400	Light Standard Steel (40 Foot)	11.000 EACH	5,300.00000	58,300.00	7,126.29000	78,389.19	6,180.00000	67,980.00
613-40010	Light Standard Foundation	11.000 EACH	6,000.00000	66,000.00	14,200.00000	156,200.00	4,931.00000	54,241.00
613-80124	Load Center (120/240 Volt, 1-Phase, 60 Ampere, 16 Circuit)	12.000 EACH	5,800.00000	69,600.00	1,662.41000	19,948.92	5,554.00000	66,648.00
613-80130	Service Meter Cabinet	9.000 EACH	10,000.00000	90,000.00	14,381.08000	129,429.72	14,475.00000	130,275.00

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			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS			LCC:			
613-81699	Safety Switch NEMA 3R, 30 Ampere, 2-pole, 240 Volt	40.000 EACH	3,800.00000	152,000.00	683.42000	27,336.80	2,034.00000	81,360.00
613-81700	Safety Switch NEMA 3R, 60A, 2-pole, 240 V f(for VMS Maint Disconnect	2.000 EACH	3,800.00000	7,600.00	963.80000	1,927.60	2,269.00000	4,538.00
614-00011	Sign Panel (Class I)	368.000 SF	170.00000	62,560.00	29.50000	10,856.00	45.10000	16,596.80
614-00012	Sign Panel (Class II)	2,744.000 SF	70.00000	192,080.00	40.12000	110,089.28	52.80000	144,883.20
614-00013	Sign Panel (Class III)	3,911.000 SF	100.00000	391,100.00	57.23000	223,826.53	60.50000	236,615.50
614-01226	Steel Signpost (W 12x26)	404.000 LF	190.00000	76,760.00	218.29000	88,189.16	192.50000	77,770.00
614-01583	Steel Sign Support (2-1/2 In Round Sch 80) (Post & Slipbase)	25.000 EACH	2,600.00000	65,000.00	707.96000	17,699.00	775.50000	19,387.50
614-03007	Concrete Footing (Type 7)	24.000 EACH	3,900.00000	93,600.00	16,267.79000	390,426.96	4,829.00000	115,896.00
614-10115	Dynamic Message Sign (Color LED)(Overhead)	1.000 EACH	140,000.00000	140,000.00	172,900.04000	172,900.04	151,508.00000	151,508.00
614-10125	Variable Message Sign (Ground Mounted)	22.000 EACH	33,000.00000	726,000.00	33,995.89000	747,909.58	30,929.00000	680,438.00
614-10127	Variable Speed Limit Sign	2.000 EACH	18,000.00000	36,000.00	20,794.74000	41,589.48	18,943.00000	37,886.00
614-32400	Monotube Overhead Sign Cantilever (24 Inch Diameter)	1.000 EACH	85,000.00000	85,000.00	102,221.31000	102,221.31	91,025.00000	91,025.00
614-70024	1310nm SFP Optic Module	20.000 EACH	900.00000	18,000.00	584.12000	11,682.40	269.50000	5,390.00
614-70026	CWDM Multiplexor Demultiplexor Module	4.000 EACH	25,000.00000	100,000.00	10,356.48000	41,425.92	9,565.00000	38,260.00

Tabulation of Bids

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Contract ID: C24417S

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 757A MARTIN MARIETTA MATERIALS		(2) 028B Holcim-WCR, Inc.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS			LCC:			
614-70028	CWDM SFP Optic Module	38.000 EACH	1,500.00000	57,000.00	1,314.27000	49,942.26	1,083.00000	41,154.00
614-70030	Optical Attenuator	56.000 EACH	900.00000	50,400.00	321.27000	17,991.12	11.00000	616.00
614-70032	Optical Filter	52.000 EACH	900.00000	46,800.00	1,156.56000	60,141.12	403.70000	20,992.40
614-72830	Communications Cabinet	14.000 EACH	23,000.00000	322,000.00	40,304.40000	564,261.60	50,891.00000	712,474.00
614-72831	Communications Cabinet (Type 1)	2.000 EACH	13,000.00000	26,000.00	16,939.53000	33,879.06	25,781.00000	51,562.00
614-72875	Loop Detector Wire	1,712.000 LF	27.00000	46,224.00	17.52000	29,994.24	24.20000	41,430.40
614-72887	Microwave Vehicle Radar Detector	17.000 EACH	10,000.00000	170,000.00	17,395.15000	295,717.55	15,119.00000	257,023.00
614-80000	Flashing Beacon	24.000 EACH	3,100.00000	74,400.00	1,168.24000	28,037.76	3,907.00000	93,768.00
614-80385	Rumble Strip	56,376.000 LF	0.50000	28,188.00	0.23000	12,966.48	1.35000	76,107.60
614-86737	Surface Sensor	2.000 EACH	11,000.00000	22,000.00	45,678.32000	91,356.64	7,397.00000	14,794.00
614-87006	Fiber Optic Termination Panel (6 Fiber)	2.000 EACH	2,000.00000	4,000.00	1,120.35000	2,240.70	1,622.00000	3,244.00
614-87010	Fiber Optic Cable (Single Mode) (12 Fiber)	20,905.000 LF	5.00000	104,525.00	7.01000	146,544.05	8.80000	183,964.00
614-87012	Fiber Optic Termination Panel (12 Fiber)	12.000 EACH	1,300.00000	15,600.00	1,285.07000	15,420.84	1,647.00000	19,764.00
614-87350	Test Fiber Optic Cable	1.000 L S	40,000.00000	40,000.00	32,126.70000	32,126.70	37,930.00000	37,930.00
614-87402	Breakaway Tapered ITS Pole Steel (40 Feet)	2.000 EACH	9,500.00000	19,000.00	11,583.13000	23,166.26	11,262.00000	22,524.00

Tabulation of Bids

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Contract ID: C24417S

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 757A MARTIN MARIETTA MATERIALS		(2) 028B Holcim-WCR, Inc.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS			LCC:			
614-87691	Ethernet Switch Type I	2.000 EACH	7,000.00000	14,000.00	6,366.93000	12,733.86	18,900.00000	37,800.00
614-87692	Ethernet Switch Type II	12.000 EACH	6,000.00000	72,000.00	7,003.62000	84,043.44	17,739.00000	212,868.00
620-00005	Field Office (Special)	1.000 EACH	70,000.00000	70,000.00	70,211.44000	70,211.44	115,497.00000	115,497.00
620-00012	Field Laboratory (Class 2)	1.000 EACH	100,000.00000	100,000.00	64,019.75000	64,019.75	104,498.00000	104,498.00
620-00020	Sanitary Facility	2.000 EACH	17,000.00000	34,000.00	6,542.16000	13,084.32	5,280.00000	10,560.00
625-00000	Construction Surveying	1.000 L S	150,000.00000	150,000.00	248,079.44000	248,079.44	357,492.00000	357,492.00
626-00000	Mobilization	1.000 L S	3,500,000.00000	3,500,000.00	2,673,452.05000	2,673,452.05	6,410,523.00000	6,410,523.00
626-01113	Public Information Management (Tier III)	502.000 DAY	100.00000	50,200.00	75.94000	38,121.88	110.00000	55,220.00
627-00008	Modified Epoxy Pavement Marking	1,181.000 GAL	180.00000	212,580.00	171.09000	202,057.29	165.00000	194,865.00
627-00013	Pavement Marking Paint (High Build)	1,692.000 GAL	55.00000	93,060.00	100.29000	169,690.68	93.50000	158,202.00
627-01010	Preformed Plastic Pavement Marking (Type I)(Inlaid)	16,392.000 SF	25.00000	409,800.00	23.30000	381,933.60	19.80000	324,561.60
627-30205	Thermoplastic Pavement Marking (Word-Symbol)	434.000 SF	22.00000	9,548.00	21.24000	9,218.16	38.50000	16,709.00
627-30210	Thermoplastic Pavement Marking (Xwalk-Stopline)	444.000 SF	23.00000	10,212.00	14.75000	6,549.00	38.50000	17,094.00
630-00000	Flagging	500.000 HOUR	80.00000	40,000.00	59.00000	29,500.00	60.50000	30,250.00
630-00003	Uniformed Traffic Control	500.000 HOUR	180.00000	90,000.00	235.99000	117,995.00	137.50000	68,750.00

Tabulation of Bids

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Contract ID: C24417S

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 757A MARTIN MARIETTA MATERIALS		(2) 028B Holcim-WCR, Inc.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS			LCC:			
630-00006	Uniformed Traffic Control (Vehicle)	500.000 HOUR	40.00000	20,000.00	147.49000	73,745.00	110.00000	55,000.00
630-00007	Traffic Control Inspection	168.000 DAY	750.00000	126,000.00	442.47000	74,334.96	715.00000	120,120.00
630-00012	Traffic Control Management	320.000 DAY	1,800.00000	576,000.00	2,123.87000	679,638.40	1,980.00000	633,600.00
630-00015	Uniformed Traffic Control Coordination	35.000 HOUR	50.00000	1,750.00	59.00000	2,065.00	82.50000	2,887.50
630-10122	Portable Variable Message Sign Panel (SWZ)	800.000 DAY	250.00000	200,000.00	312.68000	250,144.00	550.00000	440,000.00
630-72887	Portable Microwave Vehicle Radar Detector (SWZ)	360.000 DAY	330.00000	118,800.00	253.68000	91,324.80	550.00000	198,000.00
630-80002	Flashing Beacon (Solar)	8.000 EACH	2,500.00000	20,000.00	5,899.63000	47,197.04	2,200.00000	17,600.00
630-80335	Barricade (Type 3 M-A) (Temporary)	4.000 EACH	110.00000	440.00	530.97000	2,123.88	330.00000	1,320.00
630-80341	Construction Traffic Sign (Panel Size A)	87.000 EACH	95.00000	8,265.00	123.89000	10,778.43	82.50000	7,177.50
630-80342	Construction Traffic Sign (Panel Size B)	76.000 EACH	100.00000	7,600.00	147.49000	11,209.24	88.00000	6,688.00
630-80343	Construction Traffic Sign (Panel Size C)	8.000 EACH	150.00000	1,200.00	171.09000	1,368.72	93.50000	748.00
630-80344	Construction Traffic Sign (Special)	15.000 SF	45.00000	675.00	28.32000	424.80	49.50000	742.50
630-80355	Portable Message Sign Panel	2.000 EACH	15,000.00000	30,000.00	17,108.93000	34,217.86	54,999.00000	109,998.00
630-80363	Drum Channelizing Device (With Light) (Flashing)	150.000 EACH	110.00000	16,500.00	88.49000	13,273.50	55.00000	8,250.00
630-80370	Barrier (Temporary)	5,000.000 LF	45.00000	225,000.00	129.79000	648,950.00	60.50000	302,500.00

Tabulation of Bids

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Contract ID: C24417S

				(0) -EST- Engineer's Estimate		(1) 757A MARTIN MARIETTA MATERIALS		(2) 028B Holcim-WCR, Inc.	
Item Code	Description	Quantity		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION: 0001 BID ITEMS						LCC:			
630-80380	Traffic Cone	450.000	EACH	22.00000	9,900.00	23.60000	10,620.00	22.00000	9,900.00
630-80388	Advance Warning Flashing / Sequencing Arrow Panel (C Type) (SWZ)	360.000	DAY	390.00000	140,400.00	106.19000	38,228.40	110.00000	39,600.00
630-80393	Stackable Vertical Panels	100.000	EACH	180.00000	18,000.00	64.90000	6,490.00	22.00000	2,200.00
630-80417	Sequential Flashing Warning Light	100.000	EACH	180.00000	18,000.00	29.50000	2,950.00	165.00000	16,500.00
630-85010	Impact Attenuator (Temporary)	2.000	EACH	5,000.00000	10,000.00	10,029.37000	20,058.74	11,000.00000	22,000.00
630-85041	Mobile Attenuator	640.000	DAY	1,000.00000	640,000.00	884.94000	566,361.60	550.00000	352,000.00
630-88011	SWZ Data Processing Software	1.000	L S	5,000.00000	5,000.00	35,987.74000	35,987.74	32,999.00000	32,999.00
632-00000	Night Work Lighting	1.000	L S	100,000.00000	100,000.00	52,031.11000	52,031.11	179,516.00000	179,516.00
Section Totals:				\$30,939,340.00		\$34,726,159.27		\$39,239,579.90	
Contract Grand Totals				\$30,939,340.00		\$34,726,159.27		\$39,239,579.90	

Tabulation of Bids

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Contract ID: C24417S

Item Code	Description	Quantity	(3) 032A BRANNAN SAND AND GRAVEL, LLC		(4) 672A OLDCASTLE SW GROUP, INC.		(5) 695A KIEWIT INFRASTRUCTURE CO.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS				LCC:			
202-00019	Removal of Inlet	4.000 EACH	6,123.78000	24,495.12	5,833.66000	23,334.64	1,200.00000	4,800.00
202-00026	Removal of Slope and Ditch Paving	189.000 SY	306.19000	57,869.91	145.84000	27,563.76	50.00000	9,450.00
202-00090	Removal of Delineator	713.000 EACH	12.76000	9,097.88	12.15000	8,662.95	9.00000	6,417.00
202-00201	Removal of Curb	2,857.000 LF	5.69000	16,256.33	21.91000	62,596.87	7.00000	19,999.00
202-00220	Removal of Asphalt Mat	2,464.000 SY	82.93000	204,339.52	79.00000	194,656.00	22.00000	54,208.00
202-00240	Removal of Asphalt Mat (Planing)	367,351.000 SY	3.24000	1,190,217.24	4.23000	1,553,894.73	4.60000	1,689,814.60
202-00246	Removal of Asphalt Mat (Planing) (Special)	2,996.000 SY	8.63000	25,855.48	27.49000	82,360.04	30.00000	89,880.00
202-00250	Removal of Pavement Marking	119,858.000 SF	0.96000	115,063.68	0.91000	109,070.78	0.85000	101,879.30
202-00453	Removal of Portions of Present Structure (Class 2)	225.000 SY	1,076.04000	242,109.00	1,014.81000	228,332.25	500.00000	112,500.00
202-00460	Removal of Portions of Present Structure (Class 3)	75.000 SY	1,449.76000	108,732.00	1,367.26000	102,544.50	750.00000	56,250.00
202-00810	Removal of Ground Sign	28.000 EACH	192.64000	5,393.92	183.52000	5,138.56	350.00000	9,800.00
202-00821	Removal of Sign Panel	299.000 EACH	574.10000	171,655.90	60.77000	18,170.23	100.00000	29,900.00
202-01130	Removal of Guardrail Type 3	39,352.000 LF	4.21000	165,671.92	3.95000	155,440.40	3.60000	141,667.20
202-01300	Removal of End Anchorage	64.000 EACH	608.75000	38,960.00	571.21000	36,557.44	525.00000	33,600.00
202-04002	Clean Culvert	30.000 EACH	9,823.57000	294,707.10	9,297.40000	278,922.00	4,000.00000	120,000.00

Tabulation of Bids

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Contract ID: C24417S

Item Code	Description	Quantity	(3) 032A BRANNAN SAND AND GRAVEL, LLC		(4) 672A OLDCASTLE SW GROUP, INC.		(5) 695A KIEWIT INFRASTRUCTURE CO.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS			LCC:			
202-04010	Clean Inlet	30.000 EACH	2,679.15000	80,374.50	2,430.69000	72,920.70	1,000.00000	30,000.00
202-05030	Sawing Asphalt Material (10 Inch)	5,140.000 LF	8.80000	45,232.00	4.86000	24,980.40	3.50000	17,990.00
203-00010	Unclassified Excavation (Complete In Place)	3,981.000 CY	153.09000	609,451.29	139.76000	556,384.56	80.00000	318,480.00
203-00060	Embankment Material (Complete In Place)	191.000 CY	382.74000	73,103.34	346.37000	66,156.67	180.00000	34,380.00
203-00400	Rock Excavation	703.000 CY	274.29000	192,825.87	255.22000	179,419.66	190.00000	133,570.00
203-01510	Backhoe	60.000 HOUR	246.24000	14,774.40	243.07000	14,584.20	175.00000	10,500.00
203-01580	Truck	40.000 HOUR	133.33000	5,333.20	243.07000	9,722.80	130.00000	5,200.00
203-01590	Front End Loader (Rubber Tire)	60.000 HOUR	155.65000	9,339.00	243.07000	14,584.20	190.00000	11,400.00
203-01597	Potholing	250.000 HOUR	546.04000	136,510.00	455.75000	113,937.50	600.00000	150,000.00
206-00065	Structure Backfill (Flow-Fill)	2.000 CY	159.48000	318.96	577.29000	1,154.58	1,000.00000	2,000.00
207-00205	Topsoil	600.000 CY	159.47000	95,682.00	121.53000	72,918.00	200.00000	120,000.00
208-00002	Erosion Log Type 1 (12 Inch)	3,230.000 LF	6.18000	19,961.40	5.71000	18,443.30	7.25000	23,417.50
208-00013	Erosion Log Type 1 (20 Inch)	4,600.000 LF	10.72000	49,312.00	9.91000	45,586.00	8.25000	37,950.00
208-00020	Silt Fence	200.000 LF	6.31000	1,262.00	5.83000	1,166.00	3.50000	700.00
208-00035	Aggregate Bag	3,700.000 LF	12.63000	46,731.00	11.67000	43,179.00	7.20000	26,640.00

Tabulation of Bids

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Contract ID: C24417S

Item Code	Description	Quantity	(3) 032A BRANNAN SAND AND GRAVEL, LLC		(4) 672A OLDCASTLE SW GROUP, INC.		(5) 695A KIEWIT INFRASTRUCTURE CO.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS				LCC:			
208-00046	Pre-fabricated Concrete Washout Structure (Type 1)	2.000 EACH	4,261.40000	8,522.80	3,937.72000	7,875.44	6,000.00000	12,000.00
208-00051	Storm Drain Inlet Protection (Type I)	50.000 LF	20.36000	1,018.00	18.81000	940.50	7.00000	350.00
208-00075	Pre-fabricated Vehicle Tracking Pad	1.000 EACH	8,864.75000	8,864.75	8,191.43000	8,191.43	2,000.00000	2,000.00
208-00103	Removal and Disposal of Sediment (Labor)	40.000 HOUR	119.09000	4,763.60	109.99000	4,399.60	190.00000	7,600.00
208-00105	Removal and Disposal of Sediment (Equipment)	40.000 HOUR	259.10000	10,364.00	239.42000	9,576.80	150.00000	6,000.00
208-00106	Sweeping (Sediment Removal)	20.000 HOUR	456.29000	9,125.80	286.82000	5,736.40	150.00000	3,000.00
208-00107	Removal of Trash	40.000 HOUR	135.47000	5,418.80	125.18000	5,007.20	300.00000	12,000.00
208-00207	Erosion Control Management	200.000 DAY	542.54000	108,508.00	501.33000	100,266.00	50.00000	10,000.00
212-00701	Compost (Mechanically Applied)	218.000 CY	103.90000	22,650.20	96.01000	20,930.18	50.00000	10,900.00
212-00702	Biotic Soil Amendments (Hydraulically Applied)	6,705.000 LB	2.81000	18,841.05	2.60000	17,433.00	1.20000	8,046.00
212-00703	Humate	615.000 LB	2.58000	1,586.70	2.38000	1,463.70	0.60000	369.00
212-00704	Mycorrhizae	97.000 LB	26.30000	2,551.10	24.31000	2,358.07	11.00000	1,067.00
212-00707	Seeding (Native) Hydraulic	1.590 ACRE	8,602.86000	13,678.55	7,949.43000	12,639.59	1,075.00000	1,709.25
212-00708	Seeding (Native) Broadcast	3.350 ACRE	5,581.90000	18,699.37	5,133.62000	17,197.63	1,700.00000	5,695.00
213-00011	Mulching (Hydraulic)	2.980 ACRE	6,417.34000	19,123.67	5,929.90000	17,671.10	1,800.00000	5,364.00

Tabulation of Bids

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Contract ID: C24417S

Item Code	Description	Quantity	(3) 032A BRANNAN SAND AND GRAVEL, LLC		(4) 672A OLDCASTLE SW GROUP, INC.		(5) 695A KIEWIT INFRASTRUCTURE CO.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS				LCC:			
213-00012	Spray-on Mulch Blanket	2.850 ACRE	8,906.75000	25,384.24	8,230.24000	23,456.18	4,500.00000	12,825.00
213-00061	Mulch Tackifier	400.000 LB	3.59000	1,436.00	3.32000	1,328.00	2.00000	800.00
214-00000	Landscape Maintenance	1.000 L S	38,405.15000	38,405.15	35,488.10000	35,488.10	20,000.00000	20,000.00
216-00201	Soil Retention Blanket (Straw-Coconut) (Biodegradable Class 1)	25.000 SY	26.31000	657.75	24.31000	607.75	3.50000	87.50
216-00301	Turf Reinforcement Mat (Class 1)	250.000 SY	8.55000	2,137.50	7.90000	1,975.00	4.25000	1,062.50
240-00000	Wildlife Biologist	20.000 HOUR	215.61000	4,312.20	194.46000	3,889.20	200.00000	4,000.00
240-00010	Removal of Nests	20.000 HOUR	204.13000	4,082.60	182.30000	3,646.00	200.00000	4,000.00
304-06007	Aggregate Base Course (Class 6)	363.000 CY	503.94000	182,930.22	480.06000	174,261.78	220.00000	79,860.00
403-00720	Hot Mix Asphalt (Patching) (Asphalt)	2,255.000 TON	469.52000	1,058,767.60	249.54000	562,712.70	300.00000	676,500.00
403-00800	Emergency Pothole Repair	100.000 TON	2,276.66000	227,666.00	1,171.99000	117,199.00	700.00000	70,000.00
403-09221	Stone Matrix Asphalt (Fibers)(Asphalt)	50,922.000 TON	134.97000	6,872,942.34	174.77000	8,899,637.94	225.50000	11,482,911.00
408-01100	Joint Sealant	234.000 LF	61.86000	14,475.24	58.34000	13,651.56	37.00000	8,658.00
411-10255	Emulsified Asphalt (Slow-Setting)	18,337.000 GAL	6.86000	125,791.82	4.70000	86,183.90	4.00000	73,348.00
503-00024	Drilled Shaft (24 Inch)	24.000 LF	670.44000	16,090.56	1,215.35000	29,168.40	1,250.00000	30,000.00
503-00048	Drilled Shaft (48 Inch)	32.000 LF	1,192.47000	38,159.04	2,066.09000	66,114.88	1,450.00000	46,400.00

Tabulation of Bids

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Contract ID: C24417S

Item Code	Description	Quantity	(3) 032A BRANNAN SAND AND GRAVEL, LLC		(4) 672A OLDCASTLE SW GROUP, INC.		(5) 695A KIEWIT INFRASTRUCTURE CO.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS				LCC:			
507-00700	Slope and Ditch Paving (Special)	26.000 CY	3,508.42000	91,218.92	3,342.20000	86,897.20	1,400.00000	36,400.00
509-00001	Structural Steel (Galvanized)	160.000 LB	57.41000	9,185.60	30.38000	4,860.80	46.00000	7,360.00
515-00120	Waterproofing (Membrane)	2,996.000 SY	32.22000	96,531.12	30.38000	91,018.48	28.00000	83,888.00
601-03057	Concrete Class DR	36.000 CY	5,541.30000	199,486.80	5,225.99000	188,135.64	3,000.00000	108,000.00
601-40300	Structural Concrete Coating	6,511.000 SY	38.66000	251,715.26	36.46000	237,391.06	16.00000	104,176.00
601-51005	Galvanic Anodes	1,498.000 EACH	54.12000	81,071.76	51.04000	76,457.92	23.00000	34,454.00
602-00000	Reinforcing Steel	1,873.000 LB	6.44000	12,062.12	6.08000	11,387.84	8.50000	15,920.50
603-01185	18 Inch Reinforced Concrete Pipe (Complete In Place)	3,761.000 LF	389.12000	1,463,480.32	364.60000	1,371,260.60	175.00000	658,175.00
603-03180	18 Inch Reinforced Concrete Pipe Special	313.000 LF	1,065.28000	333,432.64	1,002.66000	313,832.58	420.00000	131,460.00
604-25000	Vane Grate Inlet Special	40.000 EACH	19,774.71000	790,988.40	18,230.19000	729,207.60	13,000.00000	520,000.00
604-30005	Manhole Slab Base (5 Foot)	1.000 EACH	21,050.50000	21,050.50	19,445.54000	19,445.54	10,000.00000	10,000.00
606-00302	Guardrail Type 3 (31 Inch Midwest Guardrail System)	33,398.000 LF	54.62000	1,824,198.76	46.49000	1,552,673.02	59.50000	1,987,181.00
606-00350	Guardrail Type 3 (Double) (6-3 Post Spacing)	1,836.000 LF	80.30000	147,430.80	75.35000	138,342.60	74.00000	135,864.00
606-00940	Guardrail Type 9 (Style CE)	5,140.000 LF	662.46000	3,405,044.40	600.38000	3,085,953.20	900.00000	4,626,000.00
606-01340	End Anchorage Type 3D	22.000 EACH	3,872.70000	85,199.40	3,633.88000	79,945.36	3,500.00000	77,000.00

Tabulation of Bids

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Contract ID: C24417S

Item Code	Description	Quantity	(3) 032A BRANNAN SAND AND GRAVEL, LLC		(4) 672A OLDCASTLE SW GROUP, INC.		(5) 695A KIEWIT INFRASTRUCTURE CO.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS			LCC:			
606-01370	Transition Type 3G	16.000 EACH	8,425.38000	134,806.08	7,905.83000	126,493.28	7,200.00000	115,200.00
606-01372	Transition Type GR9-GR3	6.000 EACH	25,773.49000	154,640.94	5,967.96000	35,807.76	9,600.00000	57,600.00
606-01380	Transition Type 3H	6.000 EACH	3,587.75000	21,526.50	3,366.51000	20,199.06	3,200.00000	19,200.00
606-01402	Transition Type BR10B-GR3	4.000 EACH	36,082.89000	144,331.56	34,029.69000	136,118.76	12,000.00000	48,000.00
606-01460	Median Terminal	4.000 EACH	15,542.59000	62,170.36	14,584.15000	58,336.60	14,000.00000	56,000.00
606-02003	End Anchorage (Nonflared)	4.000 EACH	10,128.59000	40,514.36	9,504.01000	38,016.04	9,000.00000	36,000.00
606-02005	End Anchorage (Flared)	20.000 EACH	7,214.35000	144,287.00	6,769.48000	135,389.60	6,400.00000	128,000.00
607-11525	Fence (Plastic)	100.000 LF	19.14000	1,914.00	60.77000	6,077.00	6.00000	600.00
609-60011	Curb Type 6 (Section M)	2,857.000 LF	10.19000	29,112.83	28.90000	82,567.30	13.00000	37,141.00
612-00010	Delineator (Special)	12.000 EACH	204.13000	2,449.56	194.46000	2,333.52	425.00000	5,100.00
612-00021	Delineator (Type I) (Barrier)	26.000 EACH	95.68000	2,487.68	91.15000	2,369.90	115.00000	2,990.00
612-00023	Delineator (Type III) (Barrier)	32.000 EACH	95.68000	3,061.76	91.15000	2,916.80	120.00000	3,840.00
612-00041	Delineator (Flexible) (Type I)	522.000 EACH	76.55000	39,959.10	72.92000	38,064.24	100.00000	52,200.00
612-00042	Delineator (Flexible) (Type II)	77.000 EACH	79.10000	6,090.70	75.35000	5,801.95	105.00000	8,085.00
612-00043	Delineator (Flexible) (Type III)	102.000 EACH	81.65000	8,328.30	77.78000	7,933.56	110.00000	11,220.00
612-00260	Location Marker (Fiber Optic)(Dome)	34.000 EACH	460.85000	15,668.90	312.34000	10,619.56	500.00000	17,000.00

Tabulation of Bids

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Contract ID: C24417S

Item Code	Description	Quantity	(3) 032A BRANNAN SAND AND GRAVEL, LLC		(4) 672A OLDCASTLE SW GROUP, INC.		(5) 695A KIEWIT INFRASTRUCTURE CO.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS				LCC:			
612-00270	Location Marker (Utility)(Flat Slat)	16.000 EACH	466.05000	7,456.80	230.92000	3,694.72	500.00000	8,000.00
613-00206	2 Inch Electrical Conduit (Bored)	23,682.000 LF	80.71000	1,911,374.22	108.17000	2,561,681.94	115.00000	2,723,430.00
613-00306	3 Inch Electrical Conduit (Bored)	1,927.000 LF	104.15000	200,697.05	145.84000	281,033.68	150.00000	289,050.00
613-01200	2 Inch Electrical Conduit (Plastic)	3,600.000 LF	74.20000	267,120.00	157.99000	568,764.00	50.00000	180,000.00
613-03500	Electrical Conduit (Plastic) (Multiduct) (Special)	2,175.000 LF	124.98000	271,831.50	267.38000	581,551.50	100.00000	217,500.00
613-04100	Electrical System Modifications	1.000 L S	5,274.99000	5,274.99	19,166.01000	19,166.01	30,000.00000	30,000.00
613-07001	Type One Pull Box	34.000 EACH	1,749.65000	59,488.10	1,962.78000	66,734.52	4,000.00000	136,000.00
613-07004	Type Four Pull Box	53.000 EACH	4,148.91000	219,892.23	4,008.21000	212,435.13	6,000.00000	318,000.00
613-10000	Wiring	1.000 L S	228,044.46000	228,044.46	243,069.21000	243,069.21	600,000.00000	600,000.00
613-10015	Breakaway Wiring System	22.000 EACH	2,559.39000	56,306.58	917.59000	20,186.98	3,000.00000	66,000.00
613-32400	Light Standard Steel (40 Foot)	11.000 EACH	7,313.65000	80,450.15	7,413.61000	81,549.71	7,500.00000	82,500.00
613-40010	Light Standard Foundation	11.000 EACH	5,836.08000	64,196.88	14,772.53000	162,497.83	15,000.00000	165,000.00
613-80124	Load Center (120/240 Volt, 1-Phase, 60 Ampere, 16 Circuit)	12.000 EACH	6,572.91000	78,874.92	1,729.44000	20,753.28	7,000.00000	84,000.00
613-80130	Service Meter Cabinet	9.000 EACH	17,130.71000	154,176.39	14,960.91000	134,648.19	15,000.00000	135,000.00
613-81699	Safety Switch NEMA 3R, 30 Ampere, 2-pole, 240 Volt	40.000 EACH	2,407.07000	96,282.80	710.98000	28,439.20	5,000.00000	200,000.00

Tabulation of Bids

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Contract ID: C24417S

Item Code	Description	Quantity	(3) 032A BRANNAN SAND AND GRAVEL, LLC		(4) 672A OLDCASTLE SW GROUP, INC.		(5) 695A KIEWIT INFRASTRUCTURE CO.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS				LCC:			
613-81700	Safety Switch NEMA 3R, 60A, 2-pole, 240 V f(for VMS Maint Disconnect	2.000 EACH	2,685.67000	5,371.34	1,002.66000	2,005.32	5,000.00000	10,000.00
614-00011	Sign Panel (Class I)	368.000 SF	53.58000	19,717.44	30.38000	11,179.84	30.00000	11,040.00
614-00012	Sign Panel (Class II)	2,744.000 SF	63.79000	175,039.76	36.46000	100,046.24	40.00000	109,760.00
614-00013	Sign Panel (Class III)	3,911.000 SF	74.00000	289,414.00	60.77000	237,671.47	60.00000	234,660.00
614-01226	Steel Signpost (W 12x26)	404.000 LF	239.54000	96,774.16	236.99000	95,743.96	350.00000	141,400.00
614-01583	Steel Sign Support (2-1/2 In Round Sch 80) (Post & Slipbase)	25.000 EACH	1,435.26000	35,881.50	30.38000	759.50	1,000.00000	25,000.00
614-03007	Concrete Footing (Type 7)	24.000 EACH	5,715.01000	137,160.24	16,923.69000	406,168.56	11,000.00000	264,000.00
614-10115	Dynamic Message Sign (Color LED)(Overhead)	1.000 EACH	179,310.67000	179,310.67	179,871.21000	179,871.21	200,000.00000	200,000.00
614-10125	Variable Message Sign (Ground Mounted)	22.000 EACH	36,604.69000	805,303.18	35,366.57000	778,064.54	45,000.00000	990,000.00
614-10127	Variable Speed Limit Sign	2.000 EACH	22,418.72000	44,837.44	21,633.16000	43,266.32	25,000.00000	50,000.00
614-32400	Monotube Overhead Sign Cantilever (24 Inch Diameter)	1.000 EACH	107,728.57000	107,728.57	106,342.78000	106,342.78	100,000.00000	100,000.00
614-70024	1310nm SFP Optic Module	20.000 EACH	318.95000	6,379.00	607.67000	12,153.40	1,400.00000	28,000.00
614-70026	CWDM Multiplexor Demultiplexor Module	4.000 EACH	11,320.66000	45,282.64	10,774.04000	43,096.16	10,000.00000	40,000.00
614-70028	CWDM SFP Optic Module	38.000 EACH	1,282.30000	48,727.40	1,367.26000	51,955.88	2,500.00000	95,000.00
614-70030	Optical Attenuator	56.000 EACH	13.02000	729.12	334.22000	18,716.32	800.00000	44,800.00

Tabulation of Bids

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Contract ID: C24417S

Item Code	Description	Quantity	(3) 032A BRANNAN SAND AND GRAVEL, LLC		(4) 672A OLDCASTLE SW GROUP, INC.		(5) 695A KIEWIT INFRASTRUCTURE CO.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS			LCC:			
614-70032	Optical Filter	52.000 EACH	477.77000	24,844.04	1,203.19000	62,565.88	2,500.00000	130,000.00
614-72830	Communications Cabinet	14.000 EACH	60,230.20000	843,222.80	41,929.44000	587,012.16	45,000.00000	630,000.00
614-72831	Communications Cabinet (Type 1)	2.000 EACH	30,513.46000	61,026.92	17,622.52000	35,245.04	50,000.00000	100,000.00
614-72875	Loop Detector Wire	1,712.000 LF	28.64000	49,031.68	18.23000	31,209.76	14.00000	23,968.00
614-72887	Microwave Vehicle Radar Detector	17.000 EACH	17,893.57000	304,190.69	18,096.50000	307,640.50	20,000.00000	340,000.00
614-80000	Flashing Beacon	24.000 EACH	4,264.08000	102,337.92	1,215.35000	29,168.40	5,000.00000	120,000.00
614-80385	Rumble Strip	56,376.000 LF	0.37000	20,859.12	0.35000	19,731.60	0.60000	33,825.60
614-86737	Surface Sensor	2.000 EACH	8,754.77000	17,509.54	47,520.03000	95,040.06	50,000.00000	100,000.00
614-87006	Fiber Optic Termination Panel (6 Fiber)	2.000 EACH	1,920.19000	3,840.38	1,165.52000	2,331.04	2,000.00000	4,000.00
614-87010	Fiber Optic Cable (Single Mode) (12 Fiber)	20,905.000 LF	10.41000	217,621.05	7.29000	152,397.45	11.00000	229,955.00
614-87012	Fiber Optic Termination Panel (12 Fiber)	12.000 EACH	1,948.83000	23,385.96	1,336.88000	16,042.56	3,000.00000	36,000.00
614-87350	Test Fiber Optic Cable	1.000 L S	44,890.79000	44,890.79	33,422.02000	33,422.02	60,000.00000	60,000.00
614-87402	Breakaway Tapered ITS Pole Steel (40 Feet)	2.000 EACH	13,328.08000	26,656.16	12,050.16000	24,100.32	15,000.00000	30,000.00
614-87691	Ethernet Switch Type I	2.000 EACH	22,367.95000	44,735.90	6,623.64000	13,247.28	10,000.00000	20,000.00
614-87692	Ethernet Switch Type II	12.000 EACH	20,994.52000	251,934.24	7,286.00000	87,432.00	9,000.00000	108,000.00

Tabulation of Bids

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Contract ID: C24417S

Item Code	Description	Quantity	(3) 032A BRANNAN SAND AND GRAVEL, LLC		(4) 672A OLDCASTLE SW GROUP, INC.		(5) 695A KIEWIT INFRASTRUCTURE CO.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS				LCC:			
620-00005	Field Office (Special)	1.000 EACH	342,447.73000	342,447.73	69,019.50000	69,019.50	160,000.00000	160,000.00
620-00012	Field Laboratory (Class 2)	1.000 EACH	88,853.90000	88,853.90	73,722.89000	73,722.89	160,000.00000	160,000.00
620-00020	Sanitary Facility	2.000 EACH	18,428.76000	36,857.52	12,305.38000	24,610.76	15,000.00000	30,000.00
625-00000	Construction Surveying	1.000 L S	249,518.58000	249,518.58	252,006.96000	252,006.96	500,000.00000	500,000.00
626-00000	Mobilization	1.000 L S	3,200,935.56000	3,200,935.56	4,200,000.00000	4,200,000.00	4,850,000.00000	4,850,000.00
626-01113	Public Information Management (Tier III)	502.000 DAY	122.48000	61,484.96	168.85000	84,762.70	75.00000	37,650.00
627-00008	Modified Epoxy Pavement Marking	1,181.000 GAL	165.85000	195,868.85	157.99000	186,586.19	170.00000	200,770.00
627-00013	Pavement Marking Paint (High Build)	1,692.000 GAL	98.24000	166,222.08	93.58000	158,337.36	100.00000	169,200.00
627-01010	Preformed Plastic Pavement Marking (Type I)(Inlaid)	16,392.000 SF	28.07000	460,123.44	26.74000	438,322.08	30.00000	491,760.00
627-30205	Thermoplastic Pavement Marking (Word-Symbol)	434.000 SF	29.34000	12,733.56	27.95000	12,130.30	30.00000	13,020.00
627-30210	Thermoplastic Pavement Marking (Xwalk-Stopline)	444.000 SF	19.14000	8,498.16	18.23000	8,094.12	20.00000	8,880.00
630-00000	Flagging	500.000 HOUR	62.51000	31,255.00	59.55000	29,775.00	75.00000	37,500.00
630-00003	Uniformed Traffic Control	500.000 HOUR	255.16000	127,580.00	243.07000	121,535.00	160.00000	80,000.00
630-00006	Uniformed Traffic Control (Vehicle)	500.000 HOUR	63.79000	31,895.00	60.77000	30,385.00	60.00000	30,000.00
630-00007	Traffic Control Inspection	168.000 DAY	363.60000	61,084.80	346.37000	58,190.16	200.00000	33,600.00

Tabulation of Bids

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Contract ID: C24417S

Item Code	Description	Quantity	(3) 032A BRANNAN SAND AND GRAVEL, LLC		(4) 672A OLDCASTLE SW GROUP, INC.		(5) 695A KIEWIT INFRASTRUCTURE CO.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS				LCC:			
630-00012	Traffic Control Management	320.000 DAY	4,076.14000	1,304,364.80	6,821.13000	2,182,761.60	8,000.00000	2,560,000.00
630-00015	Uniformed Traffic Control Coordination	35.000 HOUR	70.17000	2,455.95	66.84000	2,339.40	150.00000	5,250.00
630-10122	Portable Variable Message Sign Panel (SWZ)	800.000 DAY	228.37000	182,696.00	217.55000	174,040.00	550.00000	440,000.00
630-72887	Portable Microwave Vehicle Radar Detector (SWZ)	360.000 DAY	373.81000	134,571.60	356.10000	128,196.00	500.00000	180,000.00
630-80002	Flashing Beacon (Solar)	8.000 EACH	4,184.58000	33,476.64	3,986.33000	31,890.64	30,000.00000	240,000.00
630-80335	Barricade (Type 3 M-A) (Temporary)	4.000 EACH	612.38000	2,449.52	583.37000	2,333.48	1,500.00000	6,000.00
630-80341	Construction Traffic Sign (Panel Size A)	87.000 EACH	149.27000	12,986.49	142.20000	12,371.40	350.00000	30,450.00
630-80342	Construction Traffic Sign (Panel Size B)	76.000 EACH	447.80000	34,032.80	426.59000	32,420.84	750.00000	57,000.00
630-80343	Construction Traffic Sign (Panel Size C)	8.000 EACH	834.37000	6,674.96	794.84000	6,358.72	1,500.00000	12,000.00
630-80344	Construction Traffic Sign (Special)	15.000 SF	112.27000	1,684.05	106.95000	1,604.25	150.00000	2,250.00
630-80355	Portable Message Sign Panel	2.000 EACH	25,260.60000	50,521.20	24,063.85000	48,127.70	100,000.00000	200,000.00
630-80363	Drum Channelizing Device (With Light) (Flashing)	150.000 EACH	406.98000	61,047.00	387.70000	58,155.00	250.00000	37,500.00
630-80370	Barrier (Temporary)	5,000.000 LF	379.66000	1,898,300.00	121.53000	607,650.00	170.00000	850,000.00
630-80380	Traffic Cone	450.000 EACH	75.27000	33,871.50	71.71000	32,269.50	100.00000	45,000.00

Tabulation of Bids

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Contract ID: C24417S

				(3) 032A BRANNAN SAND AND GRAVEL, LLC		(4) 672A OLDCASTLE SW GROUP, INC.		(5) 695A KIEWIT INFRASTRUCTURE CO.	
Item Code	Description	Quantity		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS					LCC:			
630-80388	Advance Warning Flashing / Sequencing Arrow Panel (C Type) (SWZ)	360.000	DAY	151.82000	54,655.20	144.63000	52,066.80	250.00000	90,000.00
630-80393	Stackable Vertical Panels	100.000	EACH	133.96000	13,396.00	127.61000	12,761.00	150.00000	15,000.00
630-80417	Sequential Flashing Warning Light	100.000	EACH	190.09000	19,009.00	181.09000	18,109.00	70.00000	7,000.00
630-85010	Impact Attenuator (Temporary)	2.000	EACH	10,405.33000	20,810.66	9,912.36000	19,824.72	30,000.00000	60,000.00
630-85041	Mobile Attenuator	640.000	DAY	1,565.39000	1,001,849.60	1,491.23000	954,387.20	3,000.00000	1,920,000.00
630-88011	SWZ Data Processing Software	1.000	L S	121,199.84000	121,199.84	115,457.87000	115,457.87	250,000.00000	250,000.00
632-00000	Night Work Lighting	1.000	L S	306,871.61000	306,871.61	120,319.27000	120,319.27	500,000.00000	500,000.00
Section Totals:				\$40,648,531.32		\$42,000,000.00		\$48,986,717.95	
Contract Grand Totals				\$40,648,531.32		\$42,000,000.00		\$48,986,717.95	

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Low Bid Item Analysis

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Contract ID: C24417S

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0005	202-00019 Removal of Inlet	4.000	4,000.00000	5,607.57000 EACH	16,000.00	22,430.28	140.19%	6,430.28
0010	202-00026 Removal of Slope and Ditch Paving	189.000	50.00000	140.19000 SY	9,450.00	26,495.91	280.38%	17,045.91
0015	202-00090 Removal of Delineator	713.000	10.00000	11.80000 EACH	7,130.00	8,413.40	118.00%	1,283.40
0020	202-00201 Removal of Curb	2,857.000	8.00000	3.91000 LF	22,856.00	11,170.87	48.88%	-11,685.13
0025	202-00220 Removal of Asphalt Mat	2,464.000	10.00000	17.03000 SY	24,640.00	41,961.92	170.30%	17,321.92
0030	202-00240 Removal of Asphalt Mat (Planing)	367,351.00	3.00000	2.92000 SY	1,102,053.00	1,072,664.92	97.33%	-29,388.08
0035	202-00246 Removal of Asphalt Mat (Planing) (Special)	2,996.000	20.00000	10.34000 SY	59,920.00	30,978.64	51.70%	-28,941.36
0040	202-00250 Removal of Pavement Marking	119,858.00	1.50000	0.59000 SF	179,787.00	70,716.22	39.33%	-109,070.78
0045	202-00453 Removal of Portions of Present Structure (Class 2)	225.000	500.00000	985.24000 SY	112,500.00	221,679.00	197.05%	109,179.00
0050	202-00460 Removal of Portions of Present Structure (Class 3)	75.000	1,000.00000	1,327.42000 SY	75,000.00	99,556.50	132.74%	24,556.50
0055	202-00810 Removal of Ground Sign	28.000	200.00000	294.98000 EACH	5,600.00	8,259.44	147.49%	2,659.44

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Low Bid Item Analysis

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Contract ID: C24417S

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0060	202-00821 Removal of Sign Panel	299.000	70.00000	147.49000 EACH	20,930.00	44,099.51	210.70%	23,169.51
0065	202-01130 Removal of Guardrail Type 3	39,352.000	5.00000	3.85000 LF	196,760.00	151,505.20	77.00%	-45,254.80
0070	202-01300 Removal of End Anchorage	64.000	400.00000	557.31000 EACH	25,600.00	35,667.84	139.33%	10,067.84
0075	202-04002 Clean Culvert	30.000	5,000.00000	8,937.06000 EACH	150,000.00	268,111.80	178.74%	118,111.80
0080	202-04010 Clean Inlet	30.000	1,500.00000	2,336.49000 EACH	45,000.00	70,094.70	155.77%	25,094.70
0085	202-05030 Sawing Asphalt Material (10 Inch)	5,140.000	5.00000	6.26000 LF	25,700.00	32,176.40	125.20%	6,476.40
0090	203-00010 Unclassified Excavation (Complete In Place)	3,981.000	32.00000	134.35000 CY	127,392.00	534,847.35	419.84%	407,455.35
0095	203-00060 Embankment Material (Complete In Place)	191.000	100.00000	332.95000 CY	19,100.00	63,593.45	332.95%	44,493.45
0100	203-00400 Rock Excavation	703.000	140.00000	245.33000 CY	98,420.00	172,466.99	175.24%	74,046.99
0105	203-01510 Backhoe	60.000	125.00000	158.36000 HOUR	7,500.00	9,501.60	126.69%	2,001.60
0110	203-01580 Truck	40.000	150.00000	105.14000 HOUR	6,000.00	4,205.60	70.09%	-1,794.40
0115	203-01590 Front End Loader (Rubber Tire)	60.000	150.00000	158.36000 HOUR	9,000.00	9,501.60	105.57%	501.60

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SECTION:	0001	BID ITEMS						
0120	203-01597 Potholing	250.000	600.00000	438.09000 HOUR	150,000.00	109,522.50	73.02%	-40,477.50
0125	206-00065 Structure Backfill (Flow-Fill)	2.000	270.00000	554.92000 CY	540.00	1,109.84	205.53%	569.84
0130	207-00205 Topsoil	600.000	30.00000	88.80000 CY	18,000.00	53,280.00	296.00%	35,280.00
0135	208-00002 Erosion Log Type 1 (12 Inch)	3,230.000	8.00000	6.02000 LF	25,840.00	19,444.60	75.25%	-6,395.40
0140	208-00013 Erosion Log Type 1 (20 Inch)	4,600.000	8.50000	8.56000 LF	39,100.00	39,376.00	100.71%	276.00
0145	208-00020 Silt Fence	200.000	3.50000	1.74000 LF	700.00	348.00	49.71%	-352.00
0150	208-00035 Aggregate Bag	3,700.000	11.00000	8.78000 LF	40,700.00	32,486.00	79.82%	-8,214.00
0155	208-00046 Pre-fabricated Concrete Washout Structure (Type 1)	2.000	1,600.00000	3,609.87000 EACH	3,200.00	7,219.74	225.62%	4,019.74
0160	208-00051 Storm Drain Inlet Protection (Type I)	50.000	130.00000	8.78000 LF	6,500.00	439.00	6.75%	-6,061.00
0165	208-00075 Pre-fabricated Vehicle Tracking Pad	1.000	14,300.00000	1,168.24000 EACH	14,300.00	1,168.24	8.17%	-13,131.76
0170	208-00103 Removal and Disposal of Sediment (Labor)	40.000	130.00000	77.38000 HOUR	5,200.00	3,095.20	59.52%	-2,104.80
0175	208-00105 Removal and Disposal of Sediment (Equipment)	40.000	200.00000	219.65000 HOUR	8,000.00	8,786.00	109.83%	786.00

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SECTION:	0001	BID ITEMS						
0180	208-00106 Sweeping (Sediment Removal)	20.000	285.00000	207.77000 HOUR	5,700.00	4,155.40	72.90%	-1,544.60
0185	208-00107 Removal of Trash	40.000	125.00000	207.77000 HOUR	5,000.00	8,310.80	166.22%	3,310.80
0190	208-00207 Erosion Control Management	200.000	540.00000	673.84000 DAY	108,000.00	134,768.00	124.79%	26,768.00
0195	212-00701 Compost (Mechanically Applied)	218.000	100.00000	81.82000 CY	21,800.00	17,836.76	81.82%	-3,963.24
0200	212-00702 Biotic Soil Amendments (Hydraulically Applied)	6,705.000	1.50000	1.25000 LB	10,057.50	8,381.25	83.33%	-1,676.25
0205	212-00703 Humate	615.000	5.00000	2.05000 LB	3,075.00	1,260.75	41.00%	-1,814.25
0210	212-00704 Mycorrhizae	97.000	25.00000	12.88000 LB	2,425.00	1,249.36	51.52%	-1,175.64
0215	212-00707 Seeding (Native) Hydraulic	1.590	6,000.00000	1,173.21000 ACRE	9,540.00	1,865.40	19.55%	-7,674.60
0220	212-00708 Seeding (Native) Broadcast	3.350	3,050.00000	1,281.50000 ACRE	10,217.50	4,293.03	42.02%	-5,924.47
0225	213-00011 Mulching (Hydraulic)	2.980	7,000.00000	1,973.40000 ACRE	20,860.00	5,880.73	28.19%	-14,979.27
0230	213-00012 Spray-on Mulch Blanket	2.850	5,000.00000	4,349.90000 ACRE	14,250.00	12,397.22	87.00%	-1,852.78
0235	213-00061 Mulch Tackifier	400.000	6.00000	3.37000 LB	2,400.00	1,348.00	56.17%	-1,052.00

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SECTION:	0001	BID ITEMS						
0240	214-00000 Landscape Maintenance	1.000	15,000.00000	19,493.31000 L S	15,000.00	19,493.31	129.96%	4,493.31
0245	216-00201 Soil Retention Blanket (Straw-Coconut) (Biodegradable Class 1)	25.000	30.00000	3.79000 SY	750.00	94.75	12.63%	-655.25
0250	216-00301 Turf Reinforcement Mat (Class 1)	250.000	5.00000	7.46000 SY	1,250.00	1,865.00	149.20%	615.00
0255	240-00000 Wildlife Biologist	20.000	170.00000	186.92000 HOUR	3,400.00	3,738.40	109.95%	338.40
0260	240-00010 Removal of Nests	20.000	170.00000	186.92000 HOUR	3,400.00	3,738.40	109.95%	338.40
0265	304-06007 Aggregate Base Course (Class 6)	363.000	80.00000	461.46000 CY	29,040.00	167,509.98	576.83%	138,469.98
0270	403-00720 Hot Mix Asphalt (Patching) (Asphalt)	2,255.000	500.00000	262.44000 TON	1,127,500.00	591,802.20	52.49%	-535,697.80
0275	403-00800 Emergency Pothole Repair	100.000	600.00000	563.33000 TON	60,000.00	56,333.00	93.89%	-3,667.00
0280	403-09221 Stone Matrix Asphalt (Fibers)(Asphalt)	50,922.000	135.00000	134.83000 TON	6,874,470.00	6,865,813.26	99.87%	-8,656.74
0285	408-01100 Joint Sealant	234.000	40.00000	56.64000 LF	9,360.00	13,253.76	141.60%	3,893.76
0290	411-10255 Emulsified Asphalt (Slow-Setting)	18,337.000	5.00000	3.50000 GAL	91,685.00	64,179.50	70.00%	-27,505.50
0295	503-00024 Drilled Shaft (24 Inch)	24.000	770.00000	1,168.24000 LF	18,480.00	28,037.76	151.72%	9,557.76

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SECTION:	0001	BID ITEMS						
0300	503-00048 Drilled Shaft (48 Inch)	32.000	1,100.00000	1,986.01000 LF	35,200.00	63,552.32	180.55%	28,352.32
0305	507-00700 Slope and Ditch Paving (Special)	26.000	1,500.00000	3,212.67000 CY	39,000.00	83,529.42	214.18%	44,529.42
0310	509-00001 Structural Steel (Galvanized)	160.000	15.00000	11.86000 LB	2,400.00	1,897.60	79.07%	-502.40
0315	515-00120 Waterproofing (Membrane)	2,996.000	25.00000	29.50000 SY	74,900.00	88,382.00	118.00%	13,482.00
0320	601-03057 Concrete Class DR	36.000	2,200.00000	5,073.68000 CY	79,200.00	182,652.48	230.62%	103,452.48
0325	601-40300 Structural Concrete Coating	6,511.000	22.00000	29.50000 SY	143,242.00	192,074.50	134.09%	48,832.50
0330	601-51005 Galvanic Anodes	1,498.000	30.00000	49.56000 EACH	44,940.00	74,240.88	165.20%	29,300.88
0335	602-00000 Reinforcing Steel	1,873.000	3.00000	5.90000 LB	5,619.00	11,050.70	196.67%	5,431.70
0340	603-01185 18 Inch Reinforced Concrete Pipe (Complete In Place)	3,761.000	120.00000	350.47000 LF	451,320.00	1,318,117.67	292.06%	866,797.67
0345	603-03180 18 Inch Reinforced Concrete Pipe Special	313.000	200.00000	963.80000 LF	62,600.00	301,669.40	481.90%	239,069.40
0350	604-25000 Vane Grate Inlet Special	40.000	6,500.00000	17,523.65000 EACH	260,000.00	700,946.00	269.59%	440,946.00
0355	604-30005 Manhole Slab Base (5 Foot)	1.000	6,500.00000	18,691.90000 EACH	6,500.00	18,691.90	287.57%	12,191.90

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SECTION:	0001	BID ITEMS						
0360	606-00302 Guardrail Type 3 (31 Inch Midwest Guardrail System)	33,398.000	30.00000	45.36000 LF	1,001,940.00	1,514,933.28	151.20%	512,993.28
0365	606-00350 Guardrail Type 3 (Double) (6-3 Post Spacing)	1,836.000	63.00000	73.52000 LF	115,668.00	134,982.72	116.70%	19,314.72
0370	606-00940 Guardrail Type 9 (Style CE)	5,140.000	320.00000	582.88000 LF	1,644,800.00	2,996,003.20	182.15%	1,351,203.20
0375	606-01340 End Anchorage Type 3D	22.000	2,600.00000	3,545.44000 EACH	57,200.00	77,999.68	136.36%	20,799.68
0380	606-01370 Transition Type 3G	16.000	3,800.00000	7,713.42000 EACH	60,800.00	123,414.72	202.98%	62,614.72
0385	606-01372 Transition Type GR9-GR3	6.000	8,500.00000	5,794.03000 EACH	51,000.00	34,764.18	68.17%	-16,235.82
0390	606-01380 Transition Type 3H	6.000	2,500.00000	7,713.42000 EACH	15,000.00	46,280.52	308.54%	31,280.52
0395	606-01402 Transition Type BR10B-GR3	4.000	17,000.00000	33,037.93000 EACH	68,000.00	132,151.72	194.34%	64,151.72
0400	606-01460 Median Terminal	4.000	11,200.00000	9,272.70000 EACH	44,800.00	37,090.80	82.79%	-7,709.20
0405	606-02003 End Anchorage (Nonflared)	4.000	4,900.00000	6,604.72000 EACH	19,600.00	26,418.88	134.79%	6,818.88
0410	606-02005 End Anchorage (Flared)	20.000	11,500.00000	6,604.72000 EACH	230,000.00	132,094.40	57.43%	-97,905.60
0415	607-11525 Fence (Plastic)	100.000	14.00000	2.41000 LF	1,400.00	241.00	17.21%	-1,159.00

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SECTION:	0001	BID ITEMS						
0420	609-60011 Curb Type 6 (Section M)	2,857.000	18.00000	22.29000 LF	51,426.00	63,682.53	123.83%	12,256.53
0425	612-00010 Delineator (Special)	12.000	170.00000	135.69000 EACH	2,040.00	1,628.28	79.82%	-411.72
0430	612-00021 Delineator (Type I) (Barrier)	26.000	150.00000	117.99000 EACH	3,900.00	3,067.74	78.66%	-832.26
0435	612-00023 Delineator (Type III) (Barrier)	32.000	200.00000	117.99000 EACH	6,400.00	3,775.68	59.00%	-2,624.32
0440	612-00041 Delineator (Flexible) (Type I)	522.000	85.00000	135.69000 EACH	44,370.00	70,830.18	159.64%	26,460.18
0445	612-00042 Delineator (Flexible) (Type II)	77.000	90.00000	135.69000 EACH	6,930.00	10,448.13	150.77%	3,518.13
0450	612-00043 Delineator (Flexible) (Type III)	102.000	95.00000	135.69000 EACH	9,690.00	13,840.38	142.83%	4,150.38
0455	612-00260 Location Marker (Fiber Optic)(Dome)	34.000	310.00000	300.24000 EACH	10,540.00	10,208.16	96.85%	-331.84
0460	612-00270 Location Marker (Utility)(Flat Slat)	16.000	270.00000	221.97000 EACH	4,320.00	3,551.52	82.21%	-768.48
0465	613-00206 2 Inch Electrical Conduit (Bored)	23,682.000	100.00000	103.97000 LF	2,368,200.00	2,462,217.54	103.97%	94,017.54
0470	613-00306 3 Inch Electrical Conduit (Bored)	1,927.000	100.00000	140.19000 LF	192,700.00	270,146.13	140.19%	77,446.13
0475	613-01200 2 Inch Electrical Conduit (Plastic)	3,600.000	50.00000	151.87000 LF	180,000.00	546,732.00	303.74%	366,732.00

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SECTION:	0001	BID ITEMS						
0480	613-03500 Electrical Conduit (Plastic) (Multiduct) (Special)	2,175.000	50.00000	257.01000 LF	108,750.00	558,996.75	514.02%	450,246.75
0485	613-04100 Electrical System Modifications	1.000	300,000.00000	18,423.20000 L S	300,000.00	18,423.20	6.14%	-281,576.80
0490	613-07001 Type One Pull Box	34.000	2,900.00000	1,886.71000 EACH	98,600.00	64,148.14	65.06%	-34,451.86
0495	613-07004 Type Four Pull Box	53.000	4,400.00000	3,852.87000 EACH	233,200.00	204,202.11	87.57%	-28,997.89
0500	613-10000 Wiring	1.000	1,000,000.00000	233,648.71000 L S	1,000,000.00	233,648.71	23.36%	-766,351.29
0505	613-10015 Breakaway Wiring System	22.000	4,200.00000	882.02000 EACH	92,400.00	19,404.44	21.00%	-72,995.56
0510	613-32400 Light Standard Steel (40 Foot)	11.000	5,300.00000	7,126.29000 EACH	58,300.00	78,389.19	134.46%	20,089.19
0515	613-40010 Light Standard Foundation	11.000	6,000.00000	14,200.00000 EACH	66,000.00	156,200.00	236.67%	90,200.00
0520	613-80124 Load Center (120/240 Volt, 1-Phase, 60 Ampere, 16 Circuit)	12.000	5,800.00000	1,662.41000 EACH	69,600.00	19,948.92	28.66%	-49,651.08
0525	613-80130 Service Meter Cabinet	9.000	10,000.00000	14,381.08000 EACH	90,000.00	129,429.72	143.81%	39,429.72
0530	613-81699 Safety Switch NEMA 3R, 30 Ampere, 2-pole, 240 Volt	40.000	3,800.00000	683.42000 EACH	152,000.00	27,336.80	17.98%	-124,663.20

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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						
0535	613-81700 Safety Switch NEMA 3R, 60A, 2-pole, 240 V f(for VMS Maint Disconnect	2.000	3,800.00000	963.80000 EACH	7,600.00	1,927.60	25.36%	-5,672.40
0540	614-00011 Sign Panel (Class I)	368.000	170.00000	29.50000 SF	62,560.00	10,856.00	17.35%	-51,704.00
0545	614-00012 Sign Panel (Class II)	2,744.000	70.00000	40.12000 SF	192,080.00	110,089.28	57.31%	-81,990.72
0550	614-00013 Sign Panel (Class III)	3,911.000	100.00000	57.23000 SF	391,100.00	223,826.53	57.23%	-167,273.47
0555	614-01226 Steel Signpost (W 12x26)	404.000	190.00000	218.29000 LF	76,760.00	88,189.16	114.89%	11,429.16
0560	614-01583 Steel Sign Support (2-1/2 In Round Sch 80) (Post & Slipbase)	25.000	2,600.00000	707.96000 EACH	65,000.00	17,699.00	27.23%	-47,301.00
0565	614-03007 Concrete Footing (Type 7)	24.000	3,900.00000	16,267.79000 EACH	93,600.00	390,426.96	417.12%	296,826.96
0570	614-10115 Dynamic Message Sign (Color LED)(Overhead)	1.000	140,000.00000	172,900.04000 EACH	140,000.00	172,900.04	123.50%	32,900.04
0575	614-10125 Variable Message Sign (Ground Mounted)	22.000	33,000.00000	33,995.89000 EACH	726,000.00	747,909.58	103.02%	21,909.58
0580	614-10127 Variable Speed Limit Sign	2.000	18,000.00000	20,794.74000 EACH	36,000.00	41,589.48	115.53%	5,589.48
0585	614-32400 Monotube Overhead Sign Cantilever (24 Inch Diameter)	1.000	85,000.00000	102,221.31000 EACH	85,000.00	102,221.31	120.26%	17,221.31

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SECTION:	0001	BID ITEMS						
0590	614-70024 1310nm SFP Optic Module	20.000	900.00000	584.12000 EACH	18,000.00	11,682.40	64.90%	-6,317.60
0595	614-70026 CWDM Multiplexor Demultiplexor Module	4.000	25,000.00000	10,356.48000 EACH	100,000.00	41,425.92	41.43%	-58,574.08
0600	614-70028 CWDM SFP Optic Module	38.000	1,500.00000	1,314.27000 EACH	57,000.00	49,942.26	87.62%	-7,057.74
0605	614-70030 Optical Attenuator	56.000	900.00000	321.27000 EACH	50,400.00	17,991.12	35.70%	-32,408.88
0610	614-70032 Optical Filter	52.000	900.00000	1,156.56000 EACH	46,800.00	60,141.12	128.51%	13,341.12
0615	614-72830 Communications Cabinet	14.000	23,000.00000	40,304.40000 EACH	322,000.00	564,261.60	175.24%	242,261.60
0620	614-72831 Communications Cabinet (Type 1)	2.000	13,000.00000	16,939.53000 EACH	26,000.00	33,879.06	130.30%	7,879.06
0625	614-72875 Loop Detector Wire	1,712.000	27.00000	17.52000 LF	46,224.00	29,994.24	64.89%	-16,229.76
0630	614-72887 Microwave Vehicle Radar Detector	17.000	10,000.00000	17,395.15000 EACH	170,000.00	295,717.55	173.95%	125,717.55
0635	614-80000 Flashing Beacon	24.000	3,100.00000	1,168.24000 EACH	74,400.00	28,037.76	37.69%	-46,362.24
0640	614-80385 Rumble Strip	56,376.000	0.50000	0.23000 LF	28,188.00	12,966.48	46.00%	-15,221.52
0645	614-86737 Surface Sensor	2.000	11,000.00000	45,678.32000 EACH	22,000.00	91,356.64	415.26%	69,356.64

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SECTION:	0001	BID ITEMS						
0650	614-87006 Fiber Optic Termination Panel (6 Fiber)	2.000	2,000.00000	1,120.35000 EACH	4,000.00	2,240.70	56.02%	-1,759.30
0655	614-87010 Fiber Optic Cable (Single Mode) (12 Fiber)	20,905.000	5.00000	7.01000 LF	104,525.00	146,544.05	140.20%	42,019.05
0660	614-87012 Fiber Optic Termination Panel (12 Fiber)	12.000	1,300.00000	1,285.07000 EACH	15,600.00	15,420.84	98.85%	-179.16
0665	614-87350 Test Fiber Optic Cable	1.000	40,000.00000	32,126.70000 L S	40,000.00	32,126.70	80.32%	-7,873.30
0670	614-87402 Breakaway Tapered ITS Pole Steel (40 Feet)	2.000	9,500.00000	11,583.13000 EACH	19,000.00	23,166.26	121.93%	4,166.26
0675	614-87691 Ethernet Switch Type I	2.000	7,000.00000	6,366.93000 EACH	14,000.00	12,733.86	90.96%	-1,266.14
0680	614-87692 Ethernet Switch Type II	12.000	6,000.00000	7,003.62000 EACH	72,000.00	84,043.44	116.73%	12,043.44
0685	620-00005 Field Office (Special)	1.000	70,000.00000	70,211.44000 EACH	70,000.00	70,211.44	100.30%	211.44
0690	620-00012 Field Laboratory (Class 2)	1.000	100,000.00000	64,019.75000 EACH	100,000.00	64,019.75	64.02%	-35,980.25
0695	620-00020 Sanitary Facility	2.000	17,000.00000	6,542.16000 EACH	34,000.00	13,084.32	38.48%	-20,915.68
0700	625-00000 Construction Surveying	1.000	150,000.00000	248,079.44000 L S	150,000.00	248,079.44	165.39%	98,079.44
0705	626-00000 Mobilization	1.000	3,500,000.00000	2,673,452.05000 L S	3,500,000.00	2,673,452.05	76.38%	-826,547.95

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SECTION: 0001 BID ITEMS								
0710	626-01113 Public Information Management (Tier III)	502.000	100.00000	75.94000 DAY	50,200.00	38,121.88	75.94%	-12,078.12
0715	627-00008 Modified Epoxy Pavement Marking	1,181.000	180.00000	171.09000 GAL	212,580.00	202,057.29	95.05%	-10,522.71
0720	627-00013 Pavement Marking Paint (High Build)	1,692.000	55.00000	100.29000 GAL	93,060.00	169,690.68	182.35%	76,630.68
0725	627-01010 Preformed Plastic Pavement Marking (Type I)(Inlaid)	16,392.000	25.00000	23.30000 SF	409,800.00	381,933.60	93.20%	-27,866.40
0730	627-30205 Thermoplastic Pavement Marking (Word-Symbol)	434.000	22.00000	21.24000 SF	9,548.00	9,218.16	96.55%	-329.84
0735	627-30210 Thermoplastic Pavement Marking (Xwalk-Stopline)	444.000	23.00000	14.75000 SF	10,212.00	6,549.00	64.13%	-3,663.00
0740	630-00000 Flagging	500.000	80.00000	59.00000 HOUR	40,000.00	29,500.00	73.75%	-10,500.00
0745	630-00003 Uniformed Traffic Control	500.000	180.00000	235.99000 HOUR	90,000.00	117,995.00	131.11%	27,995.00
0750	630-00006 Uniformed Traffic Control (Vehicle)	500.000	40.00000	147.49000 HOUR	20,000.00	73,745.00	368.73%	53,745.00
0755	630-00007 Traffic Control Inspection	168.000	750.00000	442.47000 DAY	126,000.00	74,334.96	59.00%	-51,665.04
0760	630-00012 Traffic Control Management	320.000	1,800.00000	2,123.87000 DAY	576,000.00	679,638.40	117.99%	103,638.40

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Low Bid Item Analysis

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Contract ID: C24417S

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0765	630-00015 Uniformed Traffic Control Coordination	35.000	50.00000	59.00000 HOUR	1,750.00	2,065.00	118.00%	315.00
0770	630-10122 Portable Variable Message Sign Panel (SWZ)	800.000	250.00000	312.68000 DAY	200,000.00	250,144.00	125.07%	50,144.00
0775	630-72887 Portable Microwave Vehicle Radar Detector (SWZ)	360.000	330.00000	253.68000 DAY	118,800.00	91,324.80	76.87%	-27,475.20
0780	630-80002 Flashing Beacon (Solar)	8.000	2,500.00000	5,899.63000 EACH	20,000.00	47,197.04	235.99%	27,197.04
0785	630-80335 Barricade (Type 3 M-A) (Temporary)	4.000	110.00000	530.97000 EACH	440.00	2,123.88	482.70%	1,683.88
0790	630-80341 Construction Traffic Sign (Panel Size A)	87.000	95.00000	123.89000 EACH	8,265.00	10,778.43	130.41%	2,513.43
0795	630-80342 Construction Traffic Sign (Panel Size B)	76.000	100.00000	147.49000 EACH	7,600.00	11,209.24	147.49%	3,609.24
0800	630-80343 Construction Traffic Sign (Panel Size C)	8.000	150.00000	171.09000 EACH	1,200.00	1,368.72	114.06%	168.72
0805	630-80344 Construction Traffic Sign (Special)	15.000	45.00000	28.32000 SF	675.00	424.80	62.93%	-250.20
0810	630-80355 Portable Message Sign Panel	2.000	15,000.00000	17,108.93000 EACH	30,000.00	34,217.86	114.06%	4,217.86
0815	630-80363 Drum Channelizing Device (With Light) (Flashing)	150.000	110.00000	88.49000 EACH	16,500.00	13,273.50	80.45%	-3,226.50

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Low Bid Item Analysis

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Contract ID: C24417S

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0820	630-80370 Barrier (Temporary)	5,000.000	45.00000	129.79000 LF	225,000.00	648,950.00	288.42%	423,950.00
0825	630-80380 Traffic Cone	450.000	22.00000	23.60000 EACH	9,900.00	10,620.00	107.27%	720.00
0830	630-80388 Advance Warning Flashing / Sequencing Arrow Panel (C Type) (SWZ)	360.000	390.00000	106.19000 DAY	140,400.00	38,228.40	27.23%	-102,171.60
0835	630-80393 Stackable Vertical Panels	100.000	180.00000	64.90000 EACH	18,000.00	6,490.00	36.06%	-11,510.00
0840	630-80417 Sequential Flashing Warning Light	100.000	180.00000	29.50000 EACH	18,000.00	2,950.00	16.39%	-15,050.00
0845	630-85010 Impact Attenuator (Temporary)	2.000	5,000.00000	10,029.37000 EACH	10,000.00	20,058.74	200.59%	10,058.74
0850	630-85041 Mobile Attenuator	640.000	1,000.00000	884.94000 DAY	640,000.00	566,361.60	88.49%	-73,638.40
0855	630-88011 SWZ Data Processing Software	1.000	5,000.00000	35,987.74000 L S	5,000.00	35,987.74	719.75%	30,987.74
0860	632-00000 Night Work Lighting	1.000	100,000.00000	52,031.11000 L S	100,000.00	52,031.11	52.03%	-47,968.89
Section 0001 Subtotal					\$30,939,340.00	\$34,726,159.27	112.24%	\$3,786,819.27
Contract Total for Calculated Low Bidders Bid Items					\$30,939,340.00	\$34,726,159.27	112.24%	\$3,786,819.27