

Colorado Department Of TransportationPrinted On: **06/07/2022****Low Bid Summary**

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Letting Date: April 21, 2022

Call Order	Contract ID	Project(s)	# of Bids	Low Bidder	Estimated Cost	Corrected Bid	Percent of Estimate	Overrun (+) Underrun (-)
001	C22903	STM1151-038	5	CASTLE ROCK CONSTRUCTION COMPANY OF COLORADO, LLC	\$33,000,000.00	\$39,607,433.98	120.02%	\$6,607,433.98
Letting Totals			5		\$33,000,000.00	\$39,607,433.98	120.02%	\$6,607,433.98

Colorado Department Of TransportationPrinted On: **06/07/2022****Vendor Ranking**

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Contract ID: C22903

Contract Description:

SH 115 MP 27.71 to 37.04.

Roadway pavement is being rehabilitated through a combination of full depth reclamation, HMA overlay, and concrete white topping. The extents of the FDR and HMA overlay treatment are from Sta. 201+00 to Sta. 615+00. The extents of the concrete white topping are from Sta. 615+00 to Sta. 694+17.69. NB and SB passing lanes are being added between Sta. 201+00 and Barrett Road (Sta. 291+00). These passing lanes will require roadway widening with an asphalt pavement section. The addition of passing lanes will require the extension of three box culverts. Roadside ditches will be included in areas of the project. Several cylindrical culverts will be extended to accommodate widening and ditch improvements. Right turn deceleration lanes are being added at Tierra Rojo Drive, Rancho Pave Drive, Paseo Corto, Roca Roja Circle, and Calle Del Fuente. Minor bridge rehabilitation will be completed at Str. J-17-A over Little Turkey Creek and at Str. J-17-AA over Big Turkey Creek. An ITS line will be installed from approximately MP 33.6 to MP 39. The new ITS line will service a weather monitoring station and dynamic message sign. Type 3 and type 9 guardrail will be replaced and added in areas. Existing signage will be replaced, and additional signs added in areas. New striping and rumble strips will also be included.

MP 37.04 to MP 38.94

Roadway pavement is being rebuilt with 8" concrete and widened to 4 lanes with a painted 6' median. A left turn lane will be added NB and a right turn lane SB at Old Canon City Rd. 5 accesses will be updated to meet new roadway in the area. The bridge over Rock Creek will be replaced with a much larger bridge to accommodate the wider roadway. All guardrail, ditches, signage, striping, rumble strips, and delineators will be updated along this portion of the corridor.

Rank	Vendor ID	Vendor Name	Total Bid	Percent Of Low Bid	Percent Of Estimate
0	-EST-	Engineer's Estimate	\$33,000,000.00	83.32%	100.00%
1	1275A	CASTLE ROCK CONSTRUCTION COMPANY OF COLORADO, LLC	\$39,607,433.98	100.00%	120.02%
2	090A	IHC Scott, Inc.	\$41,898,704.82	105.78%	126.97%

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MP 37.04 to MP 38.94

Roadway pavement is being rebuilt with 8" concrete and widened to 4 lanes with a painted 6' median. A left turn lane will be added NB and a right turn lane SB at Old Canon City Rd. 5 accesses will be updated to meet new roadway in the area. The bridge over Rock Creek will be replaced with a much larger bridge to accommodate the wider roadway. All guardrail, ditches, signage, striping, rumble strips, and delineators will be updated along this portion of the corridor.

Rank	Vendor ID	Vendor Name	Total Bid	Percent Of Low Bid	Percent Of Estimate
3	232A	AMERICAN CIVIL CONSTRUCTORS, LLC. dba ACC Mountain West	\$42,125,124.61	106.36%	127.65%
4	870A	SEMA CONSTRUCTION, INC.	\$45,336,111.00	114.46%	137.38%
5	011A	AMES CONSTRUCTION INCORPORATED	\$46,447,800.00	117.27%	140.75%

Tabulation of Bids

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Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1275A CASTLE ROCK CONST. CO. OF COLO, LLC		(2) 090A IHC Scott, Inc.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION: 0001	ROADWAY						LCC:	
201-00000	Clearing and Grubbing	1.000 L S	100,000.00000	100,000.00	182,927.55000	182,927.55	109,009.66000	109,009.66
201-00005	Removal of Debris	1.000 L S	10,000.00000	10,000.00	6,200.61000	6,200.61	12,845.44000	12,845.44
202-00009	Tree Trimming	1.000 L S	10,000.00000	10,000.00	10,000.00000	10,000.00	24,582.29000	24,582.29
202-00010	Removal of Tree	258.000 EACH	340.00000	87,720.00	250.00000	64,500.00	298.55000	77,025.90
202-00015	Removal of Headwall	3.000 EACH	2,300.00000	6,900.00	3,415.68000	10,247.04	651.45000	1,954.35
202-00019	Removal of Inlet	2.000 EACH	1,200.00000	2,400.00	2,424.46000	4,848.92	786.48000	1,572.96
202-00023	Removal of Embankment Protector Type 3	11.000 EACH	1,000.00000	11,000.00	1,082.07000	11,902.77	597.11000	6,568.21
202-00033	Removal of Pipe	9.000 EACH	1,200.00000	10,800.00	1,211.52000	10,903.68	1,032.83000	9,295.47
202-00037	Removal of End Section	19.000 EACH	515.00000	9,785.00	330.87000	6,286.53	509.31000	9,676.89
202-00090	Removal of Delineator	273.000 EACH	5.00000	1,365.00	19.67000	5,369.91	5.20000	1,419.60
202-00150	Removal of Wall	6.000 EACH	500.00000	3,000.00	3,411.36000	20,468.16	4,218.94000	25,313.64
202-00220	Removal of Asphalt Mat	78,045.000 SY	7.00000	546,315.00	3.70000	288,766.50	4.67000	364,470.15
202-00240	Removal of Asphalt Mat (Planing)	8,654.000 SY	7.00000	60,578.00	4.08000	35,308.32	3.52000	30,462.08
202-00246	Removal of Asphalt Mat (Planing) (Special)	314.000 SY	32.00000	10,048.00	33.38000	10,481.32	24.12000	7,573.68
202-00400	Removal of Bridge	1.000 EACH	100,000.00000	100,000.00	73,870.94000	73,870.94	120,613.51000	120,613.51

Tabulation of Bids

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Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1275A CASTLE ROCK CONST. CO. OF COLO, LLC		(2) 090A IHC Scott, Inc.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION: 0001 ROADWAY								
202-00453	Removal of Portions of Present Structure (Class 2)	48.000 SY	746.00000	35,808.00	275.00000	13,200.00	386.19000	18,537.12
202-00460	Removal of Portions of Present Structure (Class 3)	16.000 SY	900.00000	14,400.00	800.00000	12,800.00	1,446.11000	23,137.76
202-00504	Removal of Expansion Device	154.000 LF	170.00000	26,180.00	125.00000	19,250.00	263.52000	40,582.08
202-00505	Removal of Portions of Present Structure	410.000 SF	180.00000	73,800.00	75.00000	30,750.00	145.62000	59,704.20
202-00810	Removal of Ground Sign	158.000 EACH	105.00000	16,590.00	75.00000	11,850.00	77.97000	12,319.26
202-01000	Removal of Fence	257.000 LF	16.00000	4,112.00	8.00000	2,056.00	8.19000	2,104.83
202-01130	Removal of Guardrail Type 3	13,203.000 LF	5.00000	66,015.00	5.60000	73,936.80	4.49000	59,281.47
202-01300	Removal of End Anchorage	50.000 EACH	350.00000	17,500.00	278.00000	13,900.00	544.03000	27,201.50
202-04002	Clean Culvert	62.000 EACH	1,000.00000	62,000.00	2,749.91000	170,494.42	2,765.51000	171,461.62
202-04010	Clean Inlet	8.000 EACH	1,500.00000	12,000.00	906.30000	7,250.40	637.09000	5,096.72
203-00060	Embankment Material (Complete In Place)	137,735.000 CY	16.00000	2,203,760.00	21.34000	2,939,264.90	31.33000	4,315,237.55
203-00450	Rock Removal	19.000 EACH	105.00000	1,995.00	77.74000	1,477.06	2,267.18000	43,076.42
203-01100	Proof Rolling	80.000 HOUR	155.00000	12,400.00	110.00000	8,800.00	99.30000	7,944.00
203-01500	Blading	200.000 HOUR	150.00000	30,000.00	140.00000	28,000.00	163.94000	32,788.00
203-01510	Backhoe	80.000 HOUR	140.00000	11,200.00	130.00000	10,400.00	103.63000	8,290.40

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			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION: 0001 ROADWAY								
203-01590	Front End Loader (Rubber Tire)	80.000 HOUR	145.00000	11,600.00	140.00000	11,200.00	133.77000	10,701.60
203-01597	Potholing	100.000 HOUR	275.00000	27,500.00	370.00000	37,000.00	319.57000	31,957.00
206-00000	Structure Excavation	878.000 CY	25.00000	21,950.00	26.01000	22,836.78	40.05000	35,163.90
206-00100	Structure Backfill (Class 1)	1,242.000 CY	60.00000	74,520.00	66.30000	82,344.60	72.04000	89,473.68
206-00200	Structure Backfill (Class 2)	235.000 CY	28.00000	6,580.00	19.86000	4,667.10	43.85000	10,304.75
206-00360	Mechanical Reinforcement of Soil	1,050.000 CY	20.00000	21,000.00	24.99000	26,239.50	44.33000	46,546.50
206-01781	Shoring (Area 1)	1.000 L S	75,000.00000	75,000.00	37,400.00000	37,400.00	51,725.24000	51,725.24
206-01782	Shoring (Area 2)	1.000 L S	35,000.00000	35,000.00	35,750.00000	35,750.00	51,725.24000	51,725.24
207-00700	Topsoil (Onsite)	41,631.000 CY	18.00000	749,358.00	4.81000	200,245.11	16.49000	686,495.19
207-00704	Subgrade Soil Preparation	249,787.000 SY	0.50000	124,893.50	0.52000	129,889.24	0.37000	92,421.19
208-00002	Erosion Log Type 1 (12 Inch)	68,080.000 LF	4.50000	306,360.00	4.24000	288,659.20	4.80000	326,784.00
208-00021	Silt Fence (Reinforced)	4,545.000 LF	3.00000	13,635.00	3.25000	14,771.25	4.26000	19,361.70
208-00035	Aggregate Bag	690.000 LF	8.50000	5,865.00	9.50000	6,555.00	7.27000	5,016.30
208-00046	Pre-fabricated Concrete Washout Structure (Type 1)	5.000 EACH	1,370.00000	6,850.00	2,500.00000	12,500.00	830.39000	4,151.95
208-00075	Pre-fabricated Vehicle Tracking Pad	15.000 EACH	7,000.00000	105,000.00	1,400.00000	21,000.00	5,189.96000	77,849.40

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			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION: 0001 ROADWAY							LCC:	
208-00103 Removal and Disposal of Sediment (Labor)		1,080.000 HOUR	55.00000	59,400.00	50.00000	54,000.00	49.72000	53,697.60
208-00105 Removal and Disposal of Sediment (Equipment)		540.000 HOUR	105.00000	56,700.00	100.00000	54,000.00	133.77000	72,235.80
208-00106 Sweeping (Sediment Removal)		1,125.000 HOUR	175.00000	196,875.00	20.00000	22,500.00	256.11000	288,123.75
208-00107 Removal of Trash		100.000 HOUR	50.00000	5,000.00	50.00000	5,000.00	68.81000	6,881.00
208-00207 Erosion Control Management		150.000 DAY	340.00000	51,000.00	300.00000	45,000.00	172.78000	25,917.00
208-00300 Temporary Berms		500.000 LF	5.00000	2,500.00	1.94000	970.00	5.03000	2,515.00
210-00010 Reset Mailbox Structure		6.000 EACH	435.00000	2,610.00	1,000.00000	6,000.00	102.43000	614.58
212-00702 Biotic Soil Amendments (Hydraulically Applied)		180,600.000 LB	1.50000	270,900.00	0.86000	155,316.00	0.88000	158,928.00
212-00703 Humate		3,870.000 LB	0.85000	3,289.50	0.43000	1,664.10	0.82000	3,173.40
212-00704 Mycorrhizae		1,032.000 LB	17.50000	18,060.00	9.60000	9,907.20	10.28000	10,608.96
212-00707 Seeding (Native) Hydraulic		51.600 ACRE	1,400.00000	72,240.00	1,382.00000	71,311.20	943.53000	48,686.15
213-00012 Spray-on Mulch Blanket		51.600 ACRE	4,090.00000	211,044.00	3,100.00000	159,960.00	3,796.97000	195,923.65
213-00150 Bonded Fiber Matrix		10.000 ACRE	2,956.00000	29,560.00	2,700.00000	27,000.00	3,672.42000	36,724.20
214-00205 Deciduous Tree (5 Gallon Container)		10.000 EACH	500.00000	5,000.00	7.00000	70.00	337.35000	3,373.50
216-00302 Turf Reinforcement Mat (Class 2)		100.000 SY	6.00000	600.00	6.50000	650.00	10.38000	1,038.00

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			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION: 0001 ROADWAY							LCC:	
217-00020	Herbicide Treatment	80.000 HOUR	145.00000	11,600.00	150.00000	12,000.00	259.50000	20,760.00
240-00000	Wildlife Biologist	24.000 HOUR	126.00000	3,024.00	90.00000	2,160.00	163.88000	3,933.12
240-00010	Removal of Nests	8.000 HOUR	190.00000	1,520.00	90.00000	720.00	178.18000	1,425.44
240-00020	Netting	178.000 SY	8.50000	1,513.00	12.00000	2,136.00	8.63000	1,536.14
304-06000	Aggregate Base Course (Class 6)	37,707.000 TON	26.00000	980,382.00	22.69000	855,571.83	29.79000	1,123,291.53
304-09102	Aggregate Base Course (Recycled Asphalt Pavement)	19,371.000 CY	30.00000	581,130.00	11.04000	213,855.84	21.36000	413,764.56
310-00608	Full Depth Reclamation of Hot Mix Asphalt Pavement (0-8")	172,383.000 SY	3.50000	603,340.50	2.71000	467,157.93	2.22000	382,690.26
310-00610	Full Depth Reclamation of Hot Mix Asphalt Pavement (8-12")	43,739.000 SY	3.75000	164,021.25	3.65000	159,647.35	3.62000	158,335.18
310-00614	Full Depth Reclamation Of Hot Mix Asphalt Pavement (12-16")	41,166.000 SY	4.50000	185,247.00	7.33000	301,746.78	5.63000	231,764.58
310-00800	Process Cement Treated Full Depth Reclamation	257,288.000 SY	2.40000	617,491.20	3.13000	805,311.44	4.50000	1,157,796.00
310-00900	Hydraulic Cement	5,019.000 TON	165.00000	828,135.00	240.00000	1,204,560.00	225.00000	1,129,275.00
403-00720	Hot Mix Asphalt (Patching) (Asphalt)	1,000.000 TON	180.00000	180,000.00	165.00000	165,000.00	169.81000	169,810.00
403-00800	Emergency Pothole Repair	100.000 TON	255.00000	25,500.00	200.00000	20,000.00	411.67000	41,167.00
403-33841	Hot Mix Asphalt (Grading S) (100) (PG 64-22)	9,246.000 TON	90.00000	832,140.00	110.00000	1,017,060.00	113.41000	1,048,588.86

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			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION: 0001 ROADWAY							LCC:	
403-34741	Hot Mix Asphalt (Grading SX) (75) (PG 64-22)	16,337.000 TON	85.00000	1,388,645.00	108.00000	1,764,396.00	111.23000	1,817,164.51
403-34851	Hot Mix Asphalt (Grading SX) (100) (PG 64-28)	32,043.000 TON	96.00000	3,076,128.00	115.00000	3,684,945.00	118.43000	3,794,852.49
411-10255	Emulsified Asphalt (Slow-Setting)	41,407.000 GAL	3.50000	144,924.50	5.30000	219,457.10	5.45000	225,668.15
412-00000	Furnish Concrete Pavement	18,267.000 CY	130.00000	2,374,710.00	110.29000	2,014,667.43	137.46000	2,510,981.82
412-00050	Place Concrete Pavement	66,685.000 SY	12.00000	800,220.00	30.07000	2,005,217.95	21.39000	1,426,392.15
412-00800	Concrete Pavement (8 Inch)	85,051.000 SY	48.00000	4,082,448.00	54.79000	4,659,944.29	53.52000	4,551,929.52
420-00112	Geotextile (Drainage) (Class 1)	275.100 SY	10.00000	2,751.00	3.63000	998.61	7.68000	2,112.77
502-00460	Pile Tip	26.000 EACH	210.00000	5,460.00	185.00000	4,810.00	581.96000	15,130.96
502-00500	Complete Joint Penetration (CJP) Splice	26.000 EACH	1,300.00000	33,800.00	1.00000	26.00	909.41000	23,644.66
502-02010	Dynamic Pile Test	2.000 EACH	3,000.00000	6,000.00	2,500.00000	5,000.00	3,067.45000	6,134.90
502-02012	Static Pile Load Test	1.000 EACH	15,000.00000	15,000.00	8,000.00000	8,000.00	3,286.56000	3,286.56
502-11489	Steel Piling (HP 14x89)	1,274.000 LF	150.00000	191,100.00	150.00000	191,100.00	144.17000	183,672.58
503-00036	Drilled Shaft (36 Inch)	32.000 LF	650.00000	20,800.00	720.00000	23,040.00	745.08000	23,842.56
503-00048	Drilled Shaft (48 Inch)	31.000 LF	725.00000	22,475.00	800.00000	24,800.00	827.86000	25,663.66
506-00212	Riprap (12 Inch)	448.500 CY	160.00000	71,760.00	89.20000	40,006.20	263.92000	118,368.12

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			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION: 0001	ROADWAY						LCC:	
507-00400	Asphalt Slope and Ditch Paving (Asphalt)	24.500 TON	250.00000	6,125.00	198.40000	4,860.80	205.83000	5,042.84
515-00120	Waterproofing (Membrane)	363.000 SY	27.00000	9,801.00	40.00000	14,520.00	30.67000	11,133.21
518-00000	Bridge Compression Joint Sealer	148.000 LF	240.00000	35,520.00	135.00000	19,980.00	51.47000	7,617.56
518-01004	Bridge Expansion Device (0-4 Inch)	154.000 LF	300.00000	46,200.00	375.00000	57,750.00	355.95000	54,816.30
519-03035	Place Thin Bonded Overlay (Polyester Concrete)	1,247.000 SY	55.00000	68,585.00	73.00000	91,031.00	79.97000	99,722.59
519-03055	Furnish Thin Bonded Overlay (Polyester Concrete)	702.000 CF	175.00000	122,850.00	167.00000	117,234.00	182.95000	128,430.90
601-01000	Concrete Class B	7.100 CY	1,500.00000	10,650.00	1,750.00000	12,425.00	2,348.40000	16,673.64
601-03030	Concrete Class D (Box Culvert)	39.000 CY	1,500.00000	58,500.00	1,750.00000	68,250.00	2,368.54000	92,373.06
601-03040	Concrete Class D (Bridge)	82.200 CY	1,300.00000	106,860.00	1,000.00000	82,200.00	1,298.18000	106,710.40
601-03050	Concrete Class D (Wall)	41.000 CY	1,500.00000	61,500.00	1,750.00000	71,750.00	1,881.06000	77,123.46
601-03057	Concrete Class DR	23.000 CY	2,300.00000	52,900.00	2,250.00000	51,750.00	2,975.25000	68,430.75
601-04550	Concrete Class G	481.400 CY	990.00000	476,586.00	1,100.00000	529,540.00	856.43000	412,285.40
601-06102	Concrete (Patching)	48.000 CF	500.00000	24,000.00	450.00000	21,600.00	906.43000	43,508.64
601-51005	Galvanic Anodes	320.000 EACH	40.00000	12,800.00	10.00000	3,200.00	26.14000	8,364.80
602-00000	Reinforcing Steel	32,751.000 LB	1.25000	40,938.75	1.50000	49,126.50	2.16000	70,742.16

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			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION: 0001 ROADWAY								
602-00020	Reinforcing Steel (Epoxy Coated)	99,633.000	LB	1.80000 179,339.40		1.70000 169,376.10		1.99000 198,269.67
603-01180	18 Inch Reinforced Concrete Pipe	365.000	LF	125.00000 45,625.00		151.64000 55,348.60		214.40000 78,256.00
603-01240	24 Inch Reinforced Concrete Pipe	457.000	LF	100.00000 45,700.00		265.04000 121,123.28		265.72000 121,434.04
603-01420	42 Inch Reinforced Concrete Pipe	51.000	LF	240.00000 12,240.00		396.15000 20,203.65		363.36000 18,531.36
603-05018	18 Inch Reinforced Concrete End Section	2.000	EACH	1,600.00000 3,200.00		2,269.98000 4,539.96		3,424.26000 6,848.52
603-05024	24 Inch Reinforced Concrete End Section	17.000	EACH	1,500.00000 25,500.00		2,481.15000 42,179.55		3,634.44000 61,785.48
603-05042	42 Inch Reinforced Concrete End Section	1.000	EACH	2,700.00000 2,700.00		3,674.15000 3,674.15		4,614.90000 4,614.90
603-10120	12 Inch Corrugated Steel Pipe	24.000	LF	95.00000 2,280.00		177.64000 4,263.36		146.70000 3,520.80
603-10150	15 Inch Corrugated Steel Pipe	96.000	LF	105.00000 10,080.00		178.50000 17,136.00		213.38000 20,484.48
603-10180	18 Inch Corrugated Steel Pipe	866.000	LF	135.00000 116,910.00		190.98000 165,388.68		162.44000 140,673.04
603-10240	24 Inch Corrugated Steel Pipe	152.000	LF	150.00000 22,800.00		406.71000 61,819.92		215.02000 32,683.04
603-10360	36 Inch Corrugated Steel Pipe	30.000	LF	200.00000 6,000.00		308.89000 9,266.70		215.94000 6,478.20
603-10420	42 Inch Corrugated Steel Pipe	15.000	LF	250.00000 3,750.00		571.64000 8,574.60		282.63000 4,239.45
603-30012	12 Inch Steel End Section	2.000	EACH	750.00000 1,500.00		1,271.28000 2,542.56		471.30000 942.60
603-30015	15 Inch Steel End Section	2.000	EACH	800.00000 1,600.00		1,289.76000 2,579.52		617.99000 1,235.98
603-30018	18 Inch Steel End Section	6.000	EACH	440.00000 2,640.00		1,335.78000 8,014.68		666.88000 4,001.28

Tabulation of Bids

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Contract ID: C22903

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1275A CASTLE ROCK CONST. CO. OF COLO, LLC		(2) 090A IHC Scott, Inc.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION: 0001 ROADWAY							LCC:	
603-30024	24 Inch Steel End Section	7.000 EACH	900.00000	6,300.00	1,450.59000	10,154.13	925.23000	6,476.61
603-30036	36 Inch Steel End Section	2.000 EACH	1,530.00000	3,060.00	2,070.86000	4,141.72	1,875.68000	3,751.36
603-30042	42 Inch Steel End Section	1.000 EACH	2,000.00000	2,000.00	2,881.90000	2,881.90	2,904.44000	2,904.44
604-00505	Inlet Type D (5 Foot)	5.000 EACH	6,700.00000	33,500.00	7,013.49000	35,067.45	6,080.68000	30,403.40
604-00510	Inlet Type D (10 Foot)	1.000 EACH	8,000.00000	8,000.00	12,194.50000	12,194.50	8,118.20000	8,118.20
604-30015	Manhole Slab Base (15 Foot)	1.000 EACH	8,500.00000	8,500.00	13,872.24000	13,872.24	15,937.29000	15,937.29
604-39050	Manhole (Traffic Management System)	5.000 EACH	7,600.00000	38,000.00	11,152.00000	55,760.00	13,455.04000	67,275.20
606-00302	Guardrail Type 3 (31 Inch Midwest Guardrail System)	21,800.000 LF	32.00000	697,600.00	29.40000	640,920.00	40.78000	889,004.00
606-00910	Guardrail Type 9 (Style CA)	2,743.000 LF	125.00000	342,875.00	150.00000	411,450.00	234.46000	643,123.78
606-01340	End Anchorage Type 3D	1.000 EACH	2,200.00000	2,200.00	1,280.00000	1,280.00	3,111.74000	3,111.74
606-01370	Transition Type 3G	37.000 EACH	3,300.00000	122,100.00	3,375.00000	124,875.00	4,761.59000	176,178.83
606-01372	Transition Type GR9-GR3	11.000 EACH	6,000.00000	66,000.00	3,000.00000	33,000.00	3,654.73000	40,202.03
606-01385	Transition Type 3J	7.000 EACH	1,900.00000	13,300.00	1,597.00000	11,179.00	2,020.54000	14,143.78
606-01390	End Anchorage Type 3K	7.000 EACH	2,400.00000	16,800.00	1,849.00000	12,943.00	2,751.49000	19,260.43
606-01402	Transition Type BR10B-GR3	4.000 EACH	4,000.00000	16,000.00	1,000.00000	4,000.00	10,393.29000	41,573.16

Tabulation of Bids

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Contract ID: C22903

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1275A CASTLE ROCK CONST. CO. OF COLO, LLC		(2) 090A IHC Scott, Inc.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION: 0001 ROADWAY							LCC:	
606-02003 End Anchorage (Nonflared)		76.000 EACH	3,200.00000	243,200.00	3,152.00000	239,552.00	3,900.12000	296,409.12
606-11035 Bridge Rail Type 10 MASH		302.000 LF	240.00000	72,480.00	440.00000	132,880.00	335.20000	101,230.40
607-01050 Fence Wire With Metal Posts		200.000 LF	12.00000	2,400.00	16.00000	3,200.00	16.39000	3,278.00
607-11525 Fence (Plastic)		1,000.000 LF	2.50000	2,500.00	10.39000	10,390.00	5.12000	5,120.00
607-55110 Safety Rail (Cable)		152.000 LF	70.00000	10,640.00	66.00000	10,032.00	67.60000	10,275.20
609-24004 Gutter Type 2 (4 Foot)		1,039.000 LF	40.00000	41,560.00	84.72000	88,024.08	67.78000	70,423.42
609-60011 Curb Type 6 (Section M)		8,079.000 LF	17.00000	137,343.00	9.90000	79,982.10	10.39000	83,940.81
612-00001 Delineator (Type I)		241.000 EACH	20.00000	4,820.00	20.00000	4,820.00	20.79000	5,010.39
612-00002 Delineator (Type II)		171.000 EACH	25.00000	4,275.00	21.00000	3,591.00	21.83000	3,732.93
612-00003 Delineator (Type III)		33.000 EACH	30.00000	990.00	39.03000	1,287.99	23.91000	789.03
612-00260 Location Marker (Fiber Optic)(Dome)		44.000 EACH	120.00000	5,280.00	370.00000	16,280.00	382.89000	16,847.16
612-00270 Location Marker (Utility)(Flat Slat)		3.000 EACH	100.00000	300.00	260.00000	780.00	269.06000	807.18
613-00200 2 Inch Electrical Conduit		5,550.000 LF	17.00000	94,350.00	30.00000	166,500.00	31.04000	172,272.00
613-00206 2 Inch Electrical Conduit (Bored)		55,890.000 LF	11.00000	614,790.00	30.00000	1,676,700.00	31.04000	1,734,825.60
613-00207 2 Inch Electrical Conduit (Bridge) (Special)		360.000 LF	50.00000	18,000.00	130.00000	46,800.00	134.53000	48,430.80

Tabulation of Bids

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Contract ID: C22903

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1275A CASTLE ROCK CONST. CO. OF COLO, LLC		(2) 090A IHC Scott, Inc.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION: 0001 ROADWAY							LCC:	
613-00300 3 Inch Electrical Conduit		674.000 LF	35.000000	23,590.00	33.000000	22,242.00	34.150000	23,017.10
613-01200 2 Inch Electrical Conduit (Plastic)		914.000 LF	20.000000	18,280.00	41.000000	37,474.00	42.430000	38,781.02
613-07001 Type One Pull Box		5.000 EACH	950.000000	4,750.00	1,600.000000	8,000.00	1,655.730000	8,278.65
613-07002 Type Two Pull Box		12.000 EACH	1,100.000000	13,200.00	1,700.000000	20,400.00	1,759.210000	21,110.52
613-07004 Type Four Pull Box		46.000 EACH	1,500.000000	69,000.00	3,100.000000	142,600.00	3,207.970000	147,566.62
613-07005 Type Five Pull Box		1.000 EACH	2,500.000000	2,500.00	3,699.000000	3,699.00	3,827.830000	3,827.83
613-07011 Pull Box (11"x18"x12")		8.000 EACH	1,100.000000	8,800.00	1,600.000000	12,800.00	1,655.730000	13,245.84
613-07034 Pull Box (24"x36"x18")		4.000 EACH	1,500.000000	6,000.00	2,600.000000	10,400.00	2,690.560000	10,762.24
613-10000 Wiring		1.000 L S	100,000.000000	100,000.00	97,000.000000	97,000.00	100,378.430000	100,378.43
613-13016 Luminaire (LED) (16,000 Lumens)		11.000 EACH	1,000.000000	11,000.00	950.000000	10,450.00	983.090000	10,813.99
613-34400 Light Standard Metal (40 Foot)		11.000 EACH	4,200.000000	46,200.00	4,100.000000	45,100.00	4,242.800000	46,670.80
613-40010 Light Standard Foundation		11.000 EACH	1,600.000000	17,600.00	6,250.000000	68,750.00	6,467.680000	71,144.48
613-50100 Lighting Control Center		1.000 EACH	9,200.000000	9,200.00	11,000.000000	11,000.00	11,383.120000	11,383.12
613-50109 Meter Power Pedestal		4.000 EACH	8,000.000000	32,000.00	11,000.000000	44,000.00	11,383.120000	45,532.48
613-80130 Service Meter Cabinet		3.000 EACH	6,500.000000	19,500.00	11,000.000000	33,000.00	11,383.120000	34,149.36
614-00011 Sign Panel (Class I)		66.000 SF	25.000000	1,650.00	21.000000	1,386.00	21.830000	1,440.78

Tabulation of Bids

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Contract ID: C22903

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1275A CASTLE ROCK CONST. CO. OF COLO, LLC		(2) 090A IHC Scott, Inc.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION: 0001 ROADWAY							LCC:	
614-00012	Sign Panel (Class II)	1,533.000 SF	27.00000	41,391.00	24.00000	36,792.00	24.95000	38,248.35
614-00013	Sign Panel (Class III)	132.000 SF	43.00000	5,676.00	33.00000	4,356.00	34.31000	4,528.92
614-01226	Steel Signpost (W 12x26)	93.000 LF	190.00000	17,670.00	120.00000	11,160.00	124.76000	11,602.68
614-01503	Steel Sign Support (2-Inch Round)(Post and Socket)	22.000 EACH	270.00000	5,940.00	300.00000	6,600.00	311.89000	6,861.58
614-01573	Steel Sign Support (2-1/2 Inch Round NP-40)(Post & Slipbase)	135.000 EACH	450.00000	60,750.00	475.00000	64,125.00	493.82000	66,665.70
614-03007	Concrete Footing (Type 7)	8.000 EACH	4,000.00000	32,000.00	3,300.00000	26,400.00	3,430.77000	27,446.16
614-10147	Variable Message Sign LED (Overhead)	1.000 EACH	70,000.00000	70,000.00	88,250.00000	88,250.00	91,323.67000	91,323.67
614-32400	Monotube Overhead Sign Cantilever (24 Inch Diameter)	1.000 EACH	44,000.00000	44,000.00	90,000.00000	90,000.00	93,134.62000	93,134.62
614-70024	1310nm SFP Optic Module	8.000 EACH	475.00000	3,800.00	700.00000	5,600.00	724.38000	5,795.04
614-72832	Communications Cabinet (Type 2)	2.000 EACH	10,000.00000	20,000.00	22,250.00000	44,500.00	23,024.95000	46,049.90
614-72875	Loop Detector Wire	1,400.000 LF	10.00000	14,000.00	11.00000	15,400.00	11.38000	15,932.00
614-72887	Microwave Vehicle Radar Detector	1.000 EACH	10,500.00000	10,500.00	11,500.00000	11,500.00	11,900.54000	11,900.54
614-80385	Rumble Strip	116,100.000 LF	0.25000	29,025.00	0.12000	13,932.00	0.25000	29,025.00
614-86741	Weather Monitoring System	1.000 EACH	60,000.00000	60,000.00	68,000.00000	68,000.00	70,368.38000	70,368.38
614-87010	Fiber Optic Cable (Single Mode) (12 Fiber)	675.000 LF	7.00000	4,725.00	6.00000	4,050.00	6.21000	4,191.75

Tabulation of Bids

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Contract ID: C22903

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1275A CASTLE ROCK CONST. CO. OF COLO, LLC		(2) 090A IHC Scott, Inc.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION: 0001 ROADWAY							LCC:	
614-87015 Buffer Tube Fan Out Kit		3.000 EACH	450.000000	1,350.00	380.000000	1,140.00	393.24000	1,179.72
614-87024 Fiber Optic Termination Panel (24 Fiber)		3.000 EACH	1,020.000000	3,060.00	1,720.000000	5,160.00	1,779.91000	5,339.73
614-87100 Automatic Traffic Recording Station		1.000 EACH	15,000.000000	15,000.00	35,500.000000	35,500.00	36,736.43000	36,736.43
614-87320 Closed Circuit Television		4.000 EACH	5,000.000000	20,000.00	5,700.000000	22,800.00	5,898.53000	23,594.12
614-87325 Closed Circuit Television Pole		2.000 EACH	6,700.000000	13,400.00	56,000.000000	112,000.00	57,950.43000	115,900.86
614-87350 Test Fiber Optic Cable		1.000 L S	10,000.000000	10,000.00	22,500.000000	22,500.00	23,283.66000	23,283.66
614-87496 Fiber Optic Cable (Single Mode) (96 Strands)		31,205.000 LF	4.500000	140,422.50	5.000000	156,025.00	5.17000	161,329.85
614-87691 Ethernet Switch Type I		1.000 EACH	3,500.000000	3,500.00	6,500.000000	6,500.00	6,726.39000	6,726.39
614-87692 Ethernet Switch Type II		2.000 EACH	7,500.000000	15,000.00	6,500.000000	13,000.00	6,726.39000	13,452.78
615-00030 Embankment Protector Type 3		14.000 EACH	4,000.000000	56,000.00	1,331.35000	18,638.90	2,348.40000	32,877.60
618-01163 Prestressed Concrete I (CBT63)		875.000 LF	425.000000	371,875.00	550.000000	481,250.00	441.52000	386,330.00
620-00002 Field Office (Class 2)		1.000 EACH	30,000.000000	30,000.00	88,888.000000	88,888.00	46,219.83000	46,219.83
620-00012 Field Laboratory (Class 2)		1.000 EACH	25,000.000000	25,000.00	74,618.000000	74,618.00	63,903.72000	63,903.72
620-00020 Sanitary Facility		10.000 EACH	2,700.000000	27,000.00	2,100.000000	21,000.00	4,609.18000	46,091.80
621-00450 Detour Pavement		7,800.000 SY	50.000000	390,000.00	53.48000	417,144.00	62.73000	489,294.00

Tabulation of Bids

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Contract ID: C22903

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1275A CASTLE ROCK CONST. CO. OF COLO, LLC		(2) 090A IHC Scott, Inc.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION: 0001 ROADWAY							LCC:	
625-00000 Construction Surveying		1.000 L S	310,000.00000	310,000.00	250,975.00000	250,975.00	614,557.30000	614,557.30
626-00000 Mobilization		1.000 L S	1,507,599. 90000	1,507,599. 90	3,608,092. 00000	3,608,092. 00	1,569,617. 74000	1,569,617. 74
627-00009 Modified Epoxy Pavement Marking(Inlaid)		1,461.000 GAL	120.00000	175,320.00	165.00000	241,065.00	150.75000	220,245.75
627-00011 Pavement Marking Paint (Waterborne)		2,900.000 GAL	45.00000	130,500.00	58.50000	169,650.00	74.59000	216,311.00
627-01010 Preformed Plastic Pavement Marking (Type I)(Inlaid)		19,116.000 SF	15.00000	286,740.00	16.75000	320,193.00	12.48000	238,567.68
627-30407 Preformed Thermoplastic Pavement Marking (Word-Symbol) (Special)		1,649.000 SF	24.00000	39,576.00	16.50000	27,208.50	17.67000	29,137.83
630-00000 Flagging		6,300.000 HOUR	31.00000	195,300.00	32.00000	201,600.00	33.26000	209,538.00
630-00001 Pilot Car Operation		600.000 HOUR	52.00000	31,200.00	120.00000	72,000.00	124.71000	74,826.00
630-00003 Uniformed Traffic Control		800.000 HOUR	110.00000	88,000.00	115.00000	92,000.00	119.51000	95,608.00
630-00007 Traffic Control Inspection		230.000 DAY	250.00000	57,500.00	150.00000	34,500.00	155.89000	35,854.70
630-00012 Traffic Control Management		310.000 DAY	1,000.00000	310,000.00	1,250.00000	387,500.00	1,299.07000	402,711.70
630-00017 Traffic Control Management (Special)		24.000 DAY	2,000.00000	48,000.00	4,200.00000	100,800.00	4,364.87000	104,756.88
630-00031 Courtesy Patrol		144.000 HOUR	100.00000	14,400.00	200.00000	28,800.00	256.07000	36,874.08
630-00040 Traffic Incident Management Plan Development		1.000 L S	3,500.00000	3,500.00	5,000.00000	5,000.00	5,121.31000	5,121.31

Tabulation of Bids

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Contract ID: C22903

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1275A CASTLE ROCK CONST. CO. OF COLO, LLC		(2) 090A IHC Scott, Inc.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION: 0001 ROADWAY							LCC:	
630-00041	Traffic Incident Management Plan Implementation	18.000 MON	1,500.00000	27,000.00	500.00000	9,000.00	2,048.52000	36,873.36
630-80001	Flashing Beacon (Portable)	20.000 EACH	850.00000	17,000.00	850.00000	17,000.00	883.37000	17,667.40
630-80310	Automated Flagging Assistance Device	2.000 EACH	10,000.00000	20,000.00	12,000.00000	24,000.00	14,549.58000	29,099.16
630-80335	Barricade (Type 3 M-A) (Temporary)	4.000 EACH	150.00000	600.00	350.00000	1,400.00	363.74000	1,454.96
630-80336	Barricade (Type 3 M-B) (Temporary)	4.000 EACH	360.00000	1,440.00	400.00000	1,600.00	415.70000	1,662.80
630-80341	Construction Traffic Sign (Panel Size A)	170.000 EACH	100.00000	17,000.00	65.00000	11,050.00	67.55000	11,483.50
630-80342	Construction Traffic Sign (Panel Size B)	40.000 EACH	70.00000	2,800.00	100.00000	4,000.00	103.93000	4,157.20
630-80350	Vertical Panel	200.000 EACH	29.00000	5,800.00	45.00000	9,000.00	46.77000	9,354.00
630-80355	Portable Message Sign Panel	6.000 EACH	6,500.00000	39,000.00	8,500.00000	51,000.00	8,833.67000	53,002.02
630-80357	Advance Warning Flashing or Sequencing Arrow Panel (B Type)	6.000 EACH	1,200.00000	7,200.00	1,500.00000	9,000.00	1,558.88000	9,353.28
630-80370	Barrier (Temporary)	1,500.000 LF	36.00000	54,000.00	50.22000	75,330.00	70.30000	105,450.00
630-80384	Tubular Marker	500.000 EACH	20.00000	10,000.00	65.00000	32,500.00	67.55000	33,775.00
630-80511	Mobile Pavement Marking Zone	1.000 L S	10,000.00000	10,000.00	5,000.00000	5,000.00	20,792.52000	20,792.52
630-85010	Impact Attenuator (Temporary)	5.000 EACH	8,500.00000	42,500.00	6,800.00000	34,000.00	7,066.94000	35,334.70
Section Totals:			\$33,000,000.00		\$39,607,433.98		\$41,898,704.82	

Tabulation of Bids

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Contract ID: C22903

Contract Grand Totals	\$33,000,000.00	\$39,607,433.98	\$41,898,704.82
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Tabulation of Bids

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Contract ID: C22903

Item Code	Description	Quantity	(3) 232A AMERICAN CIVIL CONSTRUCTORS, LLC		(4) 870A SEMA CONSTRUCTION, INC.		(5) 011A AMES CONSTRUCTION, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION: 0001 ROADWAY							LCC:	
201-00000 Clearing and Grubbing		1.000 L S	98,375.33000	98,375.33	596,694.35000	596,694.35	230,000.00000	230,000.00
201-00005 Removal of Debris		1.000 L S	7,834.61000	7,834.61	92,000.00000	92,000.00	30,000.00000	30,000.00
202-00009 Tree Trimming		1.000 L S	28,068.20000	28,068.20	36,700.00000	36,700.00	28,000.00000	28,000.00
202-00010 Removal of Tree		258.000 EACH	292.38000	75,434.04	230.00000	59,340.00	360.00000	92,880.00
202-00015 Removal of Headwall		3.000 EACH	5,036.78000	15,110.34	4,400.00000	13,200.00	4,100.00000	12,300.00
202-00019 Removal of Inlet		2.000 EACH	2,094.66000	4,189.32	1,300.00000	2,600.00	1,300.00000	2,600.00
202-00023 Removal of Embankment Protector Type 3		11.000 EACH	1,570.99000	17,280.89	780.00000	8,580.00	1,350.00000	14,850.00
202-00033 Removal of Pipe		9.000 EACH	2,094.65000	18,851.85	2,400.00000	21,600.00	1,400.00000	12,600.00
202-00037 Removal of End Section		19.000 EACH	523.66000	9,949.54	130.00000	2,470.00	880.00000	16,720.00
202-00090 Removal of Delineator		273.000 EACH	4.10000	1,119.30	5.00000	1,365.00	6.00000	1,638.00
202-00150 Removal of Wall		6.000 EACH	2,377.98000	14,267.88	2,800.00000	16,800.00	5,500.00000	33,000.00
202-00220 Removal of Asphalt Mat		78,045.000 SY	3.55000	277,059.75	6.00000	468,270.00	6.00000	468,270.00
202-00240 Removal of Asphalt Mat (Planing)		8,654.000 SY	3.25000	28,125.50	2.70000	23,365.80	9.00000	77,886.00
202-00246 Removal of Asphalt Mat (Planing) (Special)		314.000 SY	27.61000	8,669.54	39.00000	12,246.00	27.00000	8,478.00
202-00400 Removal of Bridge		1.000 EACH	100,610.38000	100,610.38	150,800.00000	150,800.00	129,000.00000	129,000.00

Tabulation of Bids

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Contract ID: C22903

Item Code	Description	Quantity	(3) 232A AMERICAN CIVIL CONSTRUCTORS, LLC dba A		(4) 870A SEMA CONSTRUCTION, INC.		(5) 011A AMES CONSTRUCTION, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION: 0001 ROADWAY								
202-00453	Removal of Portions of Present Structure (Class 2)	48.000 SY	415.87000	19,961.76	340.00000	16,320.00	640.00000	30,720.00
202-00460	Removal of Portions of Present Structure (Class 3)	16.000 SY	631.72000	10,107.52	1,100.00000	17,600.00	1,800.00000	28,800.00
202-00504	Removal of Expansion Device	154.000 LF	173.80000	26,765.20	160.00000	24,640.00	264.00000	40,656.00
202-00505	Removal of Portions of Present Structure	410.000 SF	160.72000	65,895.20	140.00000	57,400.00	98.00000	40,180.00
202-00810	Removal of Ground Sign	158.000 EACH	92.58000	14,627.64	78.00000	12,324.00	81.00000	12,798.00
202-01000	Removal of Fence	257.000 LF	9.25000	2,377.25	8.50000	2,184.50	10.00000	2,570.00
202-01130	Removal of Guardrail Type 3	13,203.000 LF	6.40000	84,499.20	5.00000	66,015.00	6.50000	85,819.50
202-01300	Removal of End Anchorage	50.000 EACH	317.86000	15,893.00	420.00000	21,000.00	310.00000	15,500.00
202-04002	Clean Culvert	62.000 EACH	2,750.00000	170,500.00	2,900.00000	179,800.00	2,200.00000	136,400.00
202-04010	Clean Inlet	8.000 EACH	357.85000	2,862.80	830.00000	6,640.00	1,600.00000	12,800.00
203-00060	Embankment Material (Complete In Place)	137,735.000 CY	20.00000	2,754,700.00	24.45000	3,367,620.75	19.70000	2,713,379.50
203-00450	Rock Removal	19.000 EACH	1,177.39000	22,370.41	150.00000	2,850.00	530.00000	10,070.00
203-01100	Proof Rolling	80.000 HOUR	189.35000	15,148.00	100.00000	8,000.00	238.00000	19,040.00
203-01500	Blading	200.000 HOUR	271.03000	54,206.00	190.00000	38,000.00	248.00000	49,600.00

Tabulation of Bids

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Contract ID: C22903

Item Code	Description	Quantity	(3) 232A AMERICAN CIVIL CONSTRUCTORS, LLC dba A		(4) 870A SEMA CONSTRUCTION, INC.		(5) 011A AMES CONSTRUCTION, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION: 0001	ROADWAY					LCC:		
203-01510	Backhoe	80.000 HOUR	218.15000	17,452.00	200.00000	16,000.00	252.00000	20,160.00
203-01590	Front End Loader (Rubber Tire)	80.000 HOUR	218.15000	17,452.00	130.00000	10,400.00	221.00000	17,680.00
203-01597	Potholing	100.000 HOUR	360.08000	36,008.00	340.00000	34,000.00	380.00000	38,000.00
206-00000	Structure Excavation	878.000 CY	12.15000	10,667.70	25.00000	21,950.00	30.00000	26,340.00
206-00100	Structure Backfill (Class 1)	1,242.000 CY	58.55000	72,719.10	66.00000	81,972.00	68.00000	84,456.00
206-00200	Structure Backfill (Class 2)	235.000 CY	26.98000	6,340.30	22.00000	5,170.00	42.00000	9,870.00
206-00360	Mechanical Reinforcement of Soil	1,050.000 CY	26.95000	28,297.50	20.00000	21,000.00	23.00000	24,150.00
206-01781	Shoring (Area 1)	1.000 L S	40,041.45000	40,041.45	70,100.00000	70,100.00	51,000.00000	51,000.00
206-01782	Shoring (Area 2)	1.000 L S	27,398.64000	27,398.64	69,800.00000	69,800.00	51,000.00000	51,000.00
207-00700	Topsoil (Onsite)	41,631.000 CY	7.60000	316,395.60	8.50000	353,863.50	11.00000	457,941.00
207-00704	Subgrade Soil Preparation	249,787.000 SY	0.75000	187,340.25	0.25000	62,446.75	0.60000	149,872.20
208-00002	Erosion Log Type 1 (12 Inch)	68,080.000 LF	5.50000	374,440.00	4.80000	326,784.00	10.00000	680,800.00
208-00021	Silt Fence (Reinforced)	4,545.000 LF	9.71000	44,131.95	4.30000	19,543.50	8.00000	36,360.00
208-00035	Aggregate Bag	690.000 LF	8.95000	6,175.50	7.50000	5,175.00	18.00000	12,420.00
208-00046	Pre-fabricated Concrete Washout Structure (Type 1)	5.000 EACH	1,815.93000	9,079.65	5,400.00000	27,000.00	7,500.00000	37,500.00

Tabulation of Bids

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Contract ID: C22903

Item Code	Description	Quantity	(3) 232A AMERICAN CIVIL CONSTRUCTORS, LLC dba A		(4) 870A SEMA CONSTRUCTION, INC.		(5) 011A AMES CONSTRUCTION, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION: 0001 ROADWAY								
208-00075	Pre-fabricated Vehicle Tracking Pad	15.000 EACH	3,987.13000	59,806.95	16,800.00000	252,000.00	3,700.00000	55,500.00
208-00103	Removal and Disposal of Sediment (Labor)	1,080.000 HOUR	85.00000	91,800.00	43.00000	46,440.00	65.00000	70,200.00
208-00105	Removal and Disposal of Sediment (Equipment)	540.000 HOUR	163.40000	88,236.00	120.00000	64,800.00	300.00000	162,000.00
208-00106	Sweeping (Sediment Removal)	1,125.000 HOUR	145.00000	163,125.00	190.00000	213,750.00	160.00000	180,000.00
208-00107	Removal of Trash	100.000 HOUR	102.52000	10,252.00	91.00000	9,100.00	185.00000	18,500.00
208-00207	Erosion Control Management	150.000 DAY	891.72000	133,758.00	420.00000	63,000.00	650.00000	97,500.00
208-00300	Temporary Berms	500.000 LF	6.05000	3,025.00	6.00000	3,000.00	19.00000	9,500.00
210-00010	Reset Mailbox Structure	6.000 EACH	342.43000	2,054.58	460.00000	2,760.00	530.00000	3,180.00
212-00702	Biotic Soil Amendments (Hydraulically Applied)	180,600.000 LB	1.30000	234,780.00	0.90000	162,540.00	1.40000	252,840.00
212-00703	Humate	3,870.000 LB	0.79000	3,057.30	0.85000	3,289.50	0.80000	3,096.00
212-00704	Mycorrhizae	1,032.000 LB	13.05000	13,467.60	10.00000	10,320.00	13.00000	13,416.00
212-00707	Seeding (Native) Hydraulic	51.600 ACRE	1,841.82000	95,037.91	950.00000	49,020.00	1,800.00000	92,880.00
213-00012	Spray-on Mulch Blanket	51.600 ACRE	4,000.00000	206,400.00	3,800.00000	196,080.00	4,300.00000	221,880.00
213-00150	Bonded Fiber Matrix	10.000 ACRE	4,729.47000	47,294.70	3,700.00000	37,000.00	4,600.00000	46,000.00
214-00205	Deciduous Tree (5 Gallon Container)	10.000 EACH	81.34000	813.40	340.00000	3,400.00	80.00000	800.00

Tabulation of Bids

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Contract ID: C22903

Item Code	Description	Quantity	(3) 232A AMERICAN CIVIL CONSTRUCTORS, LLC dba A		(4) 870A SEMA CONSTRUCTION, INC.		(5) 011A AMES CONSTRUCTION, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION: 0001 ROADWAY							LCC:	
216-00302 Turf Reinforcement Mat (Class 2)		100.000 SY	7.15000	715.00	12.00000	1,200.00	7.00000	700.00
217-00020 Herbicide Treatment		80.000 HOUR	267.27000	21,381.60	150.00000	12,000.00	260.00000	20,800.00
240-00000 Wildlife Biologist		24.000 HOUR	161.90000	3,885.60	93.00000	2,232.00	96.00000	2,304.00
240-00010 Removal of Nests		8.000 HOUR	138.77000	1,110.16	220.00000	1,760.00	96.00000	768.00
240-00020 Netting		178.000 SY	28.91000	5,145.98	15.00000	2,670.00	13.00000	2,314.00
304-06000 Aggregate Base Course (Class 6)		37,707.000 TON	23.00000	867,261.00	30.00000	1,131,210.00	23.00000	867,261.00
304-09102 Aggregate Base Course (Recycled Asphalt Pavement)		19,371.000 CY	16.00000	309,936.00	13.00000	251,823.00	66.00000	1,278,486.00
310-00608 Full Depth Reclamation of Hot Mix Asphalt Pavement (0-8")		172,383.000 SY	0.80000	137,906.40	1.25000	215,478.75	1.60000	275,812.80
310-00610 Full Depth Reclamation of Hot Mix Asphalt Pavement (8-12")		43,739.000 SY	1.25000	54,673.75	1.60000	69,982.40	2.30000	100,599.70
310-00614 Full Depth Reclamation Of Hot Mix Asphalt Pavement (12-16")		41,166.000 SY	2.10000	86,448.60	3.10000	127,614.60	4.50000	185,247.00
310-00800 Process Cement Treated Full Depth Reclamation		257,288.000 SY	1.42000	365,348.96	3.90000	1,003,423.20	4.30000	1,106,338.40
310-00900 Hydraulic Cement		5,019.000 TON	230.00000	1,154,370.00	190.00000	953,610.00	258.00000	1,294,902.00
403-00720 Hot Mix Asphalt (Patching) (Asphalt)		1,000.000 TON	191.00000	191,000.00	180.00000	180,000.00	267.00000	267,000.00

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Item Code	Description	Quantity	(3) 232A AMERICAN CIVIL CONSTRUCTORS, LLC dba A		(4) 870A SEMA CONSTRUCTION, INC.		(5) 011A AMES CONSTRUCTION, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION: 0001 ROADWAY								
403-00800	Emergency Pothole Repair	100.000 TON	353.12000	35,312.00	180.00000	18,000.00	480.00000	48,000.00
403-33841	Hot Mix Asphalt (Grading S) (100) (PG 64-22)	9,246.000 TON	115.00000	1,063,290.00	110.00000	1,017,060.00	118.00000	1,091,028.00
403-34741	Hot Mix Asphalt (Grading SX) (75) (PG 64-22)	16,337.000 TON	115.00000	1,878,755.00	110.00000	1,797,070.00	116.00000	1,895,092.00
403-34851	Hot Mix Asphalt (Grading SX) (100) (PG 64-28)	32,043.000 TON	120.00000	3,845,160.00	120.00000	3,845,160.00	123.00000	3,941,289.00
411-10255	Emulsified Asphalt (Slow-Setting)	41,407.000 GAL	6.15000	254,653.05	5.50000	227,738.50	5.60000	231,879.20
412-00000	Furnish Concrete Pavement	18,267.000 CY	150.00000	2,740,050.00	130.00000	2,374,710.00	183.00000	3,342,861.00
412-00050	Place Concrete Pavement	66,685.000 SY	34.00000	2,267,290.00	36.00000	2,400,660.00	36.00000	2,400,660.00
412-00800	Concrete Pavement (8 Inch)	85,051.000 SY	67.00000	5,698,417.00	66.00000	5,613,366.00	80.00000	6,804,080.00
420-00112	Geotextile (Drainage) (Class 1)	275.100 SY	19.92000	5,479.99	23.00000	6,327.30	9.00000	2,475.90
502-00460	Pile Tip	26.000 EACH	159.47000	4,146.22	150.00000	3,900.00	265.00000	6,890.00
502-00500	Complete Joint Penetration (CJP) Splice	26.000 EACH	1,650.72000	42,918.72	1,200.00000	31,200.00	550.00000	14,300.00
502-02010	Dynamic Pile Test	2.000 EACH	3,986.83000	7,973.66	2,600.00000	5,200.00	6,200.00000	12,400.00
502-02012	Static Pile Load Test	1.000 EACH	34,708.26000	34,708.26	10,300.00000	10,300.00	22,000.00000	22,000.00
502-11489	Steel Piling (HP 14x89)	1,274.000 LF	67.90000	86,504.60	130.00000	165,620.00	136.00000	173,264.00

Tabulation of Bids

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Contract ID: C22903

Item Code	Description	Quantity	(3) 232A AMERICAN CIVIL CONSTRUCTORS, LLC dba A		(4) 870A SEMA CONSTRUCTION, INC.		(5) 011A AMES CONSTRUCTION, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION: 0001 ROADWAY								
503-00036	Drilled Shaft (36 Inch)	32.000	LF	881.48000 28,207.36	750.00000 24,000.00	700.00000 22,400.00		
503-00048	Drilled Shaft (48 Inch)	31.000	LF	979.42000 30,362.02	830.00000 25,730.00	960.00000 29,760.00		
506-00212	Riprap (12 Inch)	448.500	CY	188.33000 84,466.01	91.00000 40,813.50	140.00000 62,790.00		
507-00400	Asphalt Slope and Ditch Paving (Asphalt)	24.500	TON	261.99000 6,418.76	220.00000 5,390.00	270.00000 6,615.00		
515-00120	Waterproofing (Membrane)	363.000	SY	74.59000 27,076.17	29.00000 10,527.00	25.00000 9,075.00		
518-00000	Bridge Compression Joint Sealer	148.000	LF	52.02000 7,698.96	61.00000 9,028.00	62.00000 9,176.00		
518-01004	Bridge Expansion Device (0-4 Inch)	154.000	LF	221.95000 34,180.30	260.00000 40,040.00	320.00000 49,280.00		
519-03035	Place Thin Bonded Overlay (Polyester Concrete)	1,247.000	SY	85.00000 105,995.00	76.00000 94,772.00	84.00000 104,748.00		
519-03055	Furnish Thin Bonded Overlay (Polyester Concrete)	702.000	CF	195.00000 136,890.00	170.00000 119,340.00	160.00000 112,320.00		
601-01000	Concrete Class B	7.100	CY	966.97000 6,865.49	2,000.00000 14,200.00	3,100.00000 22,010.00		
601-03030	Concrete Class D (Box Culvert)	39.000	CY	1,391.11000 54,253.29	1,400.00000 54,600.00	2,700.00000 105,300.00		
601-03040	Concrete Class D (Bridge)	82.200	CY	934.29000 76,798.64	1,700.00000 139,740.00	1,000.00000 82,200.00		
601-03050	Concrete Class D (Wall)	41.000	CY	1,613.88000 66,169.08	1,200.00000 49,200.00	2,800.00000 114,800.00		
601-03057	Concrete Class DR	23.000	CY	274.68000 6,317.64	1,400.00000 32,200.00	2,100.00000 48,300.00		
601-04550	Concrete Class G	481.400	CY	650.00000 312,910.00	1,300.00000 625,820.00	990.00000 476,586.00		

Tabulation of Bids

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Contract ID: C22903

Item Code	Description	Quantity	(3) 232A AMERICAN CIVIL CONSTRUCTORS, LLC dba A		(4) 870A SEMA CONSTRUCTION, INC.		(5) 011A AMES CONSTRUCTION, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION: 0001	ROADWAY					LCC:		
601-06102	Concrete (Patching)	48.000 CF	329.73000	15,827.04	380.00000	18,240.00	520.00000	24,960.00
601-51005	Galvanic Anodes	320.000 EACH	41.21000	13,187.20	25.00000	8,000.00	40.00000	12,800.00
602-00000	Reinforcing Steel	32,751.000 LB	1.70000	55,676.70	1.50000	49,126.50	1.70000	55,676.70
602-00020	Reinforcing Steel (Epoxy Coated)	99,633.000 LB	1.80000	179,339.40	1.70000	169,376.10	1.90000	189,302.70
603-01180	18 Inch Reinforced Concrete Pipe	365.000 LF	76.48000	27,915.20	100.00000	36,500.00	95.00000	34,675.00
603-01240	24 Inch Reinforced Concrete Pipe	457.000 LF	119.34000	54,538.38	220.00000	100,540.00	190.00000	86,830.00
603-01420	42 Inch Reinforced Concrete Pipe	51.000 LF	246.94000	12,593.94	290.00000	14,790.00	275.00000	14,025.00
603-05018	18 Inch Reinforced Concrete End Section	2.000 EACH	1,820.84000	3,641.68	1,400.00000	2,800.00	1,300.00000	2,600.00
603-05024	24 Inch Reinforced Concrete End Section	17.000 EACH	2,015.21000	34,258.57	1,600.00000	27,200.00	1,500.00000	25,500.00
603-05042	42 Inch Reinforced Concrete End Section	1.000 EACH	2,921.90000	2,921.90	2,800.00000	2,800.00	2,700.00000	2,700.00
603-10120	12 Inch Corrugated Steel Pipe	24.000 LF	114.19000	2,740.56	120.00000	2,880.00	140.00000	3,360.00
603-10150	15 Inch Corrugated Steel Pipe	96.000 LF	96.93000	9,305.28	130.00000	12,480.00	150.00000	14,400.00
603-10180	18 Inch Corrugated Steel Pipe	866.000 LF	123.30000	106,777.80	100.00000	86,600.00	130.00000	112,580.00
603-10240	24 Inch Corrugated Steel Pipe	152.000 LF	158.42000	24,079.84	210.00000	31,920.00	200.00000	30,400.00
603-10360	36 Inch Corrugated Steel Pipe	30.000 LF	214.08000	6,422.40	280.00000	8,400.00	270.00000	8,100.00

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Item Code	Description	Quantity	(3) 232A AMERICAN CIVIL CONSTRUCTORS, LLC dba A		(4) 870A SEMA CONSTRUCTION, INC.		(5) 011A AMES CONSTRUCTION, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION: 0001 ROADWAY								
603-10420	42 Inch Corrugated Steel Pipe	15.000 LF	368.78000	5,531.70	350.00000	5,250.00	360.00000	5,400.00
603-30012	12 Inch Steel End Section	2.000 EACH	970.70000	1,941.40	300.00000	600.00	320.00000	640.00
603-30015	15 Inch Steel End Section	2.000 EACH	970.70000	1,941.40	310.00000	620.00	330.00000	660.00
603-30018	18 Inch Steel End Section	6.000 EACH	970.69000	5,824.14	500.00000	3,000.00	370.00000	2,220.00
603-30024	24 Inch Steel End Section	7.000 EACH	1,074.85000	7,523.95	460.00000	3,220.00	470.00000	3,290.00
603-30036	36 Inch Steel End Section	2.000 EACH	1,828.58000	3,657.16	980.00000	1,960.00	1,300.00000	2,600.00
603-30042	42 Inch Steel End Section	1.000 EACH	2,436.24000	2,436.24	2,200.00000	2,200.00	2,100.00000	2,100.00
604-00505	Inlet Type D (5 Foot)	5.000 EACH	4,565.05000	22,825.25	4,700.00000	23,500.00	5,800.00000	29,000.00
604-00510	Inlet Type D (10 Foot)	1.000 EACH	7,467.50000	7,467.50	6,500.00000	6,500.00	8,100.00000	8,100.00
604-30015	Manhole Slab Base (15 Foot)	1.000 EACH	9,887.27000	9,887.27	9,600.00000	9,600.00	11,000.00000	11,000.00
604-39050	Manhole (Traffic Management System)	5.000 EACH	13,653.15000	68,265.75	11,600.00000	58,000.00	8,000.00000	40,000.00
606-00302	Guardrail Type 3 (31 Inch Midwest Guardrail System)	21,800.000 LF	31.00000	675,800.00	39.00000	850,200.00	35.00000	763,000.00
606-00910	Guardrail Type 9 (Style CA)	2,743.000 LF	175.00000	480,025.00	130.00000	356,590.00	170.00000	466,310.00
606-01340	End Anchorage Type 3D	1.000 EACH	1,463.51000	1,463.51	2,000.00000	2,000.00	1,400.00000	1,400.00
606-01370	Transition Type 3G	37.000 EACH	3,858.86000	142,777.82	3,900.00000	144,300.00	4,000.00000	148,000.00

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Contract ID: C22903

Item Code	Description	Quantity	(3) 232A AMERICAN CIVIL CONSTRUCTORS, LLC dba A		(4) 870A SEMA CONSTRUCTION, INC.		(5) 011A AMES CONSTRUCTION, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION: 0001 ROADWAY								
606-01372	Transition Type GR9-GR3	11.000 EACH	5,668.45000	62,352.95	14,200.00000	156,200.00	14,000.00000	154,000.00
606-01385	Transition Type 3J	7.000 EACH	1,825.96000	12,781.72	1,500.00000	10,500.00	1,800.00000	12,600.00
606-01390	End Anchorage Type 3K	7.000 EACH	2,114.09000	14,798.63	2,300.00000	16,100.00	2,100.00000	14,700.00
606-01402	Transition Type BR10B-GR3	4.000 EACH	714.61000	2,858.44	7,100.00000	28,400.00	7,100.00000	28,400.00
606-02003	End Anchorage (Nonflared)	76.000 EACH	3,200.00000	243,200.00	3,700.00000	281,200.00	3,600.00000	273,600.00
606-11035	Bridge Rail Type 10 MASH	302.000 LF	329.72000	99,575.44	320.00000	96,640.00	199.00000	60,098.00
607-01050	Fence Wire With Metal Posts	200.000 LF	18.50000	3,700.00	17.00000	3,400.00	20.00000	4,000.00
607-11525	Fence (Plastic)	1,000.000 LF	2.50000	2,500.00	5.50000	5,500.00	6.00000	6,000.00
607-55110	Safety Rail (Cable)	152.000 LF	76.33000	11,602.16	70.00000	10,640.00	80.00000	12,160.00
609-24004	Gutter Type 2 (4 Foot)	1,039.000 LF	51.25000	53,248.75	47.00000	48,833.00	53.00000	55,067.00
609-60011	Curb Type 6 (Section M)	8,079.000 LF	11.40000	92,100.60	9.50000	76,750.50	11.00000	88,869.00
612-00001	Delineator (Type I)	241.000 EACH	24.69000	5,950.29	21.00000	5,061.00	22.00000	5,302.00
612-00002	Delineator (Type II)	171.000 EACH	25.92000	4,432.32	22.00000	3,762.00	22.00000	3,762.00
612-00003	Delineator (Type III)	33.000 EACH	28.39000	936.87	24.00000	792.00	24.00000	792.00
612-00260	Location Marker (Fiber Optic)(Dome)	44.000 EACH	452.98000	19,931.12	390.00000	17,160.00	85.00000	3,740.00

Tabulation of Bids

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Contract ID: C22903

Item Code	Description	Quantity	(3) 232A AMERICAN CIVIL CONSTRUCTORS, LLC dba A		(4) 870A SEMA CONSTRUCTION, INC.		(5) 011A AMES CONSTRUCTION, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION: 0001 ROADWAY								
612-00270	Location Marker (Utility)(Flat Slat)	3.000 EACH	318.31000	954.93	270.00000	810.00	106.00000	318.00
613-00200	2 Inch Electrical Conduit	5,550.000 LF	33.00000	183,150.00	31.00000	172,050.00	16.00000	88,800.00
613-00206	2 Inch Electrical Conduit (Bored)	55,890.000 LF	33.00000	1,844,370.00	31.00000	1,732,590.00	21.00000	1,173,690.00
613-00207	2 Inch Electrical Conduit (Bridge) (Special)	360.000 LF	159.16000	57,297.60	140.00000	50,400.00	16.00000	5,760.00
613-00300	3 Inch Electrical Conduit	674.000 LF	40.40000	27,229.60	34.00000	22,916.00	19.00000	12,806.00
613-01200	2 Inch Electrical Conduit (Plastic)	914.000 LF	50.20000	45,882.80	43.00000	39,302.00	16.00000	14,624.00
613-07001	Type One Pull Box	5.000 EACH	1,958.85000	9,794.25	1,700.00000	8,500.00	1,300.00000	6,500.00
613-07002	Type Two Pull Box	12.000 EACH	2,081.27000	24,975.24	1,800.00000	21,600.00	1,600.00000	19,200.00
613-07004	Type Four Pull Box	46.000 EACH	3,795.26000	174,581.96	3,200.00000	147,200.00	2,700.00000	124,200.00
613-07005	Type Five Pull Box	1.000 EACH	4,528.60000	4,528.60	3,800.00000	3,800.00	3,000.00000	3,000.00
613-07011	Pull Box (11"x18"x12")	8.000 EACH	1,958.85000	15,670.80	1,700.00000	13,600.00	1,100.00000	8,800.00
613-07034	Pull Box (24"x36"x18")	4.000 EACH	3,183.12000	12,732.48	2,700.00000	10,800.00	1,600.00000	6,400.00
613-10000	Wiring	1.000 L S	105,000.00000	105,000.00	100,900.00000	100,900.00	107,000.00000	107,000.00
613-13016	Luminaire (LED) (16,000 Lumens)	11.000 EACH	1,163.06000	12,793.66	990.00000	10,890.00	1,100.00000	12,100.00
613-34400	Light Standard Metal (40 Foot)	11.000 EACH	5,019.54000	55,214.94	4,300.00000	47,300.00	4,500.00000	49,500.00

Tabulation of Bids

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Contract ID: C22903

Item Code	Description	Quantity	(3) 232A AMERICAN CIVIL CONSTRUCTORS, LLC dba A		(4) 870A SEMA CONSTRUCTION, INC.		(5) 011A AMES CONSTRUCTION, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION: 0001 ROADWAY							LCC:	
613-40010 Light Standard Foundation		11.000 EACH	7,651.74000	84,169.14	6,500.00000	71,500.00	3,200.00000	35,200.00
613-50100 Lighting Control Center		1.000 EACH	13,467.06000	13,467.06	11,400.00000	11,400.00	6,400.00000	6,400.00
613-50109 Meter Power Pedestal		4.000 EACH	13,467.06000	53,868.24	11,400.00000	45,600.00	3,700.00000	14,800.00
613-80130 Service Meter Cabinet		3.000 EACH	13,467.06000	40,401.18	11,400.00000	34,200.00	9,000.00000	27,000.00
614-00011 Sign Panel (Class I)		66.000 SF	25.92000	1,710.72	22.00000	1,452.00	23.00000	1,518.00
614-00012 Sign Panel (Class II)		1,533.000 SF	29.65000	45,453.45	25.00000	38,325.00	26.00000	39,858.00
614-00013 Sign Panel (Class III)		132.000 SF	40.74000	5,377.68	35.00000	4,620.00	36.00000	4,752.00
614-01226 Steel Signpost (W 12x26)		93.000 LF	148.13000	13,776.09	130.00000	12,090.00	130.00000	12,090.00
614-01503 Steel Sign Support (2-Inch Round)(Post and Socket)		22.000 EACH	370.34000	8,147.48	310.00000	6,820.00	325.00000	7,150.00
614-01573 Steel Sign Support (2-1/2 Inch Round NP-40)(Post & Slipbase)		135.000 EACH	506.13000	68,327.55	430.00000	58,050.00	514.00000	69,390.00
614-03007 Concrete Footing (Type 7)		8.000 EACH	4,073.70000	32,589.60	3,500.00000	28,000.00	3,600.00000	28,800.00
614-10147 Variable Message Sign LED (Overhead)		1.000 EACH	95,000.00000	95,000.00	91,800.00000	91,800.00	74,000.00000	74,000.00
614-32400 Monotube Overhead Sign Cantilever (24 Inch Diameter)		1.000 EACH	97,000.00000	97,000.00	93,600.00000	93,600.00	64,000.00000	64,000.00
614-70024 1310nm SFP Optic Module		8.000 EACH	857.00000	6,856.00	730.00000	5,840.00	320.00000	2,560.00

Tabulation of Bids

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Contract ID: C22903

Item Code	Description	Quantity	(3) 232A AMERICAN CIVIL CONSTRUCTORS, LLC dba A		(4) 870A SEMA CONSTRUCTION, INC.		(5) 011A AMES CONSTRUCTION, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION: 0001 ROADWAY								
614-72832	Communications Cabinet (Type 2)	2.000 EACH	27,240.20000	54,480.40	23,200.00000	46,400.00	15,000.00000	30,000.00
614-72875	Loop Detector Wire	1,400.000 LF	13.45000	18,830.00	11.00000	15,400.00	6.40000	8,960.00
614-72887	Microwave Vehicle Radar Detector	1.000 EACH	14,079.20000	14,079.20	12,000.00000	12,000.00	5,987.40000	5,987.40
614-80385	Rumble Strip	116,100.000 LF	0.31000	35,991.00	0.25000	29,025.00	0.30000	34,830.00
614-86741	Weather Monitoring System	1.000 EACH	83,250.92000	83,250.92	70,800.00000	70,800.00	21,100.00000	21,100.00
614-87010	Fiber Optic Cable (Single Mode) (12 Fiber)	675.000 LF	7.35000	4,961.25	6.00000	4,050.00	6.40000	4,320.00
614-87015	Buffer Tube Fan Out Kit	3.000 EACH	465.23000	1,395.69	1,800.00000	5,400.00	533.00000	1,599.00
614-87024	Fiber Optic Termination Panel (24 Fiber)	3.000 EACH	2,105.76000	6,317.28	400.00000	1,200.00	4,800.00000	14,400.00
614-87100	Automatic Traffic Recording Station	1.000 EACH	43,461.88000	43,461.88	36,900.00000	36,900.00	21,300.00000	21,300.00
614-87320	Closed Circuit Television	4.000 EACH	6,978.39000	27,913.56	5,900.00000	23,600.00	5,900.00000	23,600.00
614-87325	Closed Circuit Television Pole	2.000 EACH	68,559.59000	137,119.18	58,300.00000	116,600.00	16,000.00000	32,000.00
614-87350	Test Fiber Optic Cable	1.000 L S	27,546.26000	27,546.26	23,400.00000	23,400.00	21,000.00000	21,000.00
614-87496	Fiber Optic Cable (Single Mode) (96 Strands)	31,205.000 LF	5.50000	171,627.50	5.00000	156,025.00	6.40000	199,712.00
614-87691	Ethernet Switch Type I	1.000 EACH	7,957.80000	7,957.80	6,800.00000	6,800.00	3,200.00000	3,200.00
614-87692	Ethernet Switch Type II	2.000 EACH	7,957.81000	15,915.62	6,800.00000	13,600.00	3,700.00000	7,400.00

Tabulation of Bids

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Contract ID: C22903

Item Code	Description	Quantity	(3) 232A AMERICAN CIVIL CONSTRUCTORS, LLC dba A	(4) 870A SEMA CONSTRUCTION, INC.		(5) 011A AMES CONSTRUCTION, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price
SECTION: 0001	ROADWAY				LCC:		
615-00030	Embankment Protector Type 3	14.000 EACH	2,279.84000	31,917.76	890.00000	12,460.00	1,100.00000
618-01163	Prestressed Concrete I (CBT63)	875.000 LF	400.00000	350,000.00	440.00000	385,000.00	490.00000
620-00002	Field Office (Class 2)	1.000 EACH	58,526.68000	58,526.68	189,900.00000	189,900.00	135,000.00000
620-00012	Field Laboratory (Class 2)	1.000 EACH	61,716.14000	61,716.14	124,100.00000	124,100.00	55,000.00000
620-00020	Sanitary Facility	10.000 EACH	1,708.64000	17,086.40	5,900.00000	59,000.00	4,000.00000
621-00450	Detour Pavement	7,800.000 SY	68.95000	537,810.00	58.00000	452,400.00	74.00000
625-00000	Construction Surveying	1.000 LS	385,000.00000	385,000.00	906,700.00000	906,700.00	330,000.00000
626-00000	Mobilization	1.000 LS	3,673,814.06000	3,673,814.06	4,080,250.00000	4,080,250.00	3,530,000.00000
627-00009	Modified Epoxy Pavement Marking(Inlaid)	1,461.000 GAL	198.40000	289,862.40	180.00000	262,980.00	179.00000
627-00011	Pavement Marking Paint (Waterborne)	2,900.000 GAL	50.00000	145,000.00	49.00000	142,100.00	49.50000
627-01010	Preformed Plastic Pavement Marking (Type I)(Inlaid)	19,116.000 SF	15.00000	286,740.00	15.00000	286,740.00	15.00000
627-30407	Preformed Thermoplastic Pavement Marking (Word-Symbol) (Special)	1,649.000 SF	21.00000	34,629.00	21.00000	34,629.00	21.00000
630-00000	Flagging	6,300.000 HOUR	50.00000	315,000.00	50.00000	315,000.00	45.00000
630-00001	Pilot Car Operation	600.000 HOUR	55.00000	33,000.00	130.00000	78,000.00	132.00000

Tabulation of Bids

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Contract ID: C22903

Item Code	Description	Quantity	(3) 232A AMERICAN CIVIL CONSTRUCTORS, LLC dba A		(4) 870A SEMA CONSTRUCTION, INC.		(5) 011A AMES CONSTRUCTION, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION: 0001 ROADWAY							LCC:	
630-00003 Uniformed Traffic Control		800.000 HOUR	125.00000	100,000.00	120.00000	96,000.00	127.00000	101,600.00
630-00007 Traffic Control Inspection		230.000 DAY	182.25000	41,917.50	160.00000	36,800.00	166.00000	38,180.00
630-00012 Traffic Control Management		310.000 DAY	1,350.00000	418,500.00	1,600.00000	496,000.00	1,400.00000	434,000.00
630-00017 Traffic Control Management (Special)		24.000 DAY	4,500.00000	108,000.00	9,700.00000	232,800.00	4,700.00000	112,800.00
630-00031 Courtesy Patrol		144.000 HOUR	341.73000	49,209.12	150.00000	21,600.00	160.00000	23,040.00
630-00040 Traffic Incident Management Plan Development		1.000 L S	3,986.83000	3,986.83	10,300.00000	10,300.00	7,500.00000	7,500.00
630-00041 Traffic Incident Management Plan Implementation		18.000 MON	1,708.64000	30,755.52	10,300.00000	185,400.00	1,500.00000	27,000.00
630-80001 Flashing Beacon (Portable)		20.000 EACH	1,032.77000	20,655.40	890.00000	17,800.00	940.00000	18,800.00
630-80310 Automated Flagging Assistance Device		2.000 EACH	8,543.21000	17,086.42	10,300.00000	20,600.00	2,700.00000	5,400.00
630-80335 Barricade (Type 3 M-A) (Temporary)		4.000 EACH	425.26000	1,701.04	370.00000	1,480.00	400.00000	1,600.00
630-80336 Barricade (Type 3 M-B) (Temporary)		4.000 EACH	486.01000	1,944.04	420.00000	1,680.00	450.00000	1,800.00
630-80341 Construction Traffic Sign (Panel Size A)		170.000 EACH	78.98000	13,426.60	68.00000	11,560.00	72.00000	12,240.00
630-80342 Construction Traffic Sign (Panel Size B)		40.000 EACH	121.50000	4,860.00	100.00000	4,000.00	110.00000	4,400.00
630-80350 Vertical Panel		200.000 EACH	54.68000	10,936.00	47.00000	9,400.00	50.00000	10,000.00
630-80355 Portable Message Sign Panel		6.000 EACH	10,327.74000	61,966.44	8,900.00000	53,400.00	9,400.00000	56,400.00

Tabulation of Bids

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Contract ID: C22903

Item Code	Description	Quantity	(3) 232A AMERICAN CIVIL CONSTRUCTORS, LLC dba A		(4) 870A SEMA CONSTRUCTION, INC.		(5) 011A AMES CONSTRUCTION, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION: 0001 ROADWAY								
630-80357	Advance Warning Flashing or Sequencing Arrow Panel (B Type)	6.000 EACH	1,822.54000	10,935.24	1,600.00000	9,600.00	1,700.00000	10,200.00
630-80370	Barrier (Temporary)	1,500.000 LF	22.05000	33,075.00	81.00000	121,500.00	56.00000	84,000.00
630-80384	Tubular Marker	500.000 EACH	79.00000	39,500.00	68.00000	34,000.00	72.00000	36,000.00
630-80511	Mobile Pavement Marking Zone	1.000 LS	27,365.41000	27,365.41	24,300.00000	24,300.00	25,000.00000	25,000.00
630-85010	Impact Attenuator (Temporary)	5.000 EACH	8,262.19000	41,310.95	9,700.00000	48,500.00	7,500.00000	37,500.00
Section Totals:			\$42,125,124.61		\$45,336,111.00		\$46,447,800.00	
Contract Grand Totals			\$42,125,124.61		\$45,336,111.00		\$46,447,800.00	

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Low Bid Item Analysis

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Contract ID: C22903

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0005	201-00000	1.000	100,000.00000	182,927.55000 L S	100,000.00	182,927.55	182.93%	82,927.55
	Clearing and Grubbing							
0010	201-00005	1.000	10,000.00000	6,200.61000 L S	10,000.00	6,200.61	62.01%	-3,799.39
	Removal of Debris							
0015	202-00009	1.000	10,000.00000	10,000.00000 L S	10,000.00	10,000.00	100.00%	0.00
	Tree Trimming							
0020	202-00010	258.000	340.00000	250.00000 EACH	87,720.00	64,500.00	73.53%	-23,220.00
	Removal of Tree							
0025	202-00015	3.000	2,300.00000	3,415.68000 EACH	6,900.00	10,247.04	148.51%	3,347.04
	Removal of Headwall							
0030	202-00019	2.000	1,200.00000	2,424.46000 EACH	2,400.00	4,848.92	202.04%	2,448.92
	Removal of Inlet							
0035	202-00023	11.000	1,000.00000	1,082.07000 EACH	11,000.00	11,902.77	108.21%	902.77
	Removal of Embankment Protector Type 3							
0040	202-00033	9.000	1,200.00000	1,211.52000 EACH	10,800.00	10,903.68	100.96%	103.68
	Removal of Pipe							
0045	202-00037	19.000	515.00000	330.87000 EACH	9,785.00	6,286.53	64.25%	-3,498.47
	Removal of End Section							
0050	202-00090	273.000	5.00000	19.67000 EACH	1,365.00	5,369.91	393.40%	4,004.91
	Removal of Delineator							
0055	202-00150	6.000	500.00000	3,411.36000 EACH	3,000.00	20,468.16	682.27%	17,468.16
	Removal of Wall							
0060	202-00220	78,045.000	7.00000	3.70000 SY	546,315.00	288,766.50	52.86%	-257,548.50
	Removal of Asphalt Mat							

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Low Bid Item Analysis

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Contract ID: C22903

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0065	202-00240	8,654.000	7.00000	4.08000	60,578.00	35,308.32	58.29%	-25,269.68
	Removal of Asphalt Mat (Planing)			SY				
0070	202-00246	314.000	32.00000	33.38000	10,048.00	10,481.32	104.31%	433.32
	Removal of Asphalt Mat (Planing) (Special)			SY				
0075	202-00400	1.000	100,000.00000	73,870.94000	100,000.00	73,870.94	73.87%	-26,129.06
	Removal of Bridge			EACH				
0080	202-00453	48.000	746.00000	275.00000	35,808.00	13,200.00	36.86%	-22,608.00
	Removal of Portions of Present Structure (Class 2)			SY				
0085	202-00460	16.000	900.00000	800.00000	14,400.00	12,800.00	88.89%	-1,600.00
	Removal of Portions of Present Structure (Class 3)			SY				
0090	202-00504	154.000	170.00000	125.00000	26,180.00	19,250.00	73.53%	-6,930.00
	Removal of Expansion Device			LF				
0095	202-00505	410.000	180.00000	75.00000	73,800.00	30,750.00	41.67%	-43,050.00
	Removal of Portions of Present Structure			SF				
0100	202-00810	158.000	105.00000	75.00000	16,590.00	11,850.00	71.43%	-4,740.00
	Removal of Ground Sign			EACH				
0105	202-01000	257.000	16.00000	8.00000	4,112.00	2,056.00	50.00%	-2,056.00
	Removal of Fence			LF				
0110	202-01130	13,203.000	5.00000	5.60000	66,015.00	73,936.80	112.00%	7,921.80
	Removal of Guardrail Type 3			LF				
0115	202-01300	50.000	350.00000	278.00000	17,500.00	13,900.00	79.43%	-3,600.00
	Removal of End Anchorage			EACH				

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Low Bid Item Analysis

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Contract ID: C22903

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0120	202-04002 Clean Culvert	62.000	1,000.00000	2,749.91000 EACH	62,000.00	170,494.42	274.99%	108,494.42
0125	202-04010 Clean Inlet	8.000	1,500.00000	906.30000 EACH	12,000.00	7,250.40	60.42%	-4,749.60
0130	203-00060 Embankment Material (Complete In Place)	137,735.00	16.00000	21.34000 CY	2,203,760.00	2,939,264.90	133.38%	735,504.90
0135	203-00450 Rock Removal	19.000	105.00000	77.74000 EACH	1,995.00	1,477.06	74.04%	-517.94
0140	203-01100 Proof Rolling	80.000	155.00000	110.00000 HOUR	12,400.00	8,800.00	70.97%	-3,600.00
0145	203-01500 Blading	200.000	150.00000	140.00000 HOUR	30,000.00	28,000.00	93.33%	-2,000.00
0150	203-01510 Backhoe	80.000	140.00000	130.00000 HOUR	11,200.00	10,400.00	92.86%	-800.00
0155	203-01590 Front End Loader (Rubber Tire)	80.000	145.00000	140.00000 HOUR	11,600.00	11,200.00	96.55%	-400.00
0160	203-01597 Potholing	100.000	275.00000	370.00000 HOUR	27,500.00	37,000.00	134.55%	9,500.00
0165	206-00000 Structure Excavation	878.000	25.00000	26.01000 CY	21,950.00	22,836.78	104.04%	886.78
0170	206-00100 Structure Backfill (Class 1)	1,242.000	60.00000	66.30000 CY	74,520.00	82,344.60	110.50%	7,824.60
0175	206-00200 Structure Backfill (Class 2)	235.000	28.00000	19.86000 CY	6,580.00	4,667.10	70.93%	-1,912.90

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Low Bid Item Analysis

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Contract ID: C22903

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0240	208-00106	1,125.000	175.00000	20.00000 HOUR	196,875.00	22,500.00	11.43%	-174,375.00
0245	208-00107	100.000	50.00000	50.00000 HOUR	5,000.00	5,000.00	100.00%	0.00
0250	208-00207	150.000	340.00000	300.00000 DAY	51,000.00	45,000.00	88.24%	-6,000.00
0255	208-00300	500.000	5.00000	1.94000 LF	2,500.00	970.00	38.80%	-1,530.00
0260	210-00010	6.000	435.00000	1,000.00000 EACH	2,610.00	6,000.00	229.89%	3,390.00
0265	212-00702	180,600.00	1.50000	0.86000 LB	270,900.00	155,316.00	57.33%	-115,584.00
0270	212-00703	3,870.000	0.85000	0.43000 LB	3,289.50	1,664.10	50.59%	-1,625.40
0275	212-00704	1,032.000	17.50000	9.60000 LB	18,060.00	9,907.20	54.86%	-8,152.80
0280	212-00707	51.600	1,400.00000	1,382.00000 ACRE	72,240.00	71,311.20	98.71%	-928.80
0285	213-00012	51.600	4,090.00000	3,100.00000 ACRE	211,044.00	159,960.00	75.79%	-51,084.00
0290	213-00150	10.000	2,956.00000	2,700.00000 ACRE	29,560.00	27,000.00	91.34%	-2,560.00
0295	214-00205	10.000	500.00000	7.00000 EACH	5,000.00	70.00	1.40%	-4,930.00
		Deciduous Tree (5 Gallon Container)						

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SECTION:	0001	ROADWAY						
0300	216-00302	100.000	6.00000	6.50000 SY	600.00	650.00	108.33%	50.00
0305	Turf Reinforcement Mat (Class 2)							
0310	217-00020	80.000	145.00000	150.00000 HOUR	11,600.00	12,000.00	103.45%	400.00
	Herbicide Treatment							
0315	240-00000	24.000	126.00000	90.00000 HOUR	3,024.00	2,160.00	71.43%	-864.00
	Wildlife Biologist							
0320	240-00010	8.000	190.00000	90.00000 HOUR	1,520.00	720.00	47.37%	-800.00
	Removal of Nests							
0325	240-00020	178.000	8.50000	12.00000 SY	1,513.00	2,136.00	141.18%	623.00
	Netting							
0330	304-06000	37,707.000	26.00000	22.69000 TON	980,382.00	855,571.83	87.27%	-124,810.17
	Aggregate Base Course (Class 6)							
0335	304-09102	19,371.000	30.00000	11.04000 CY	581,130.00	213,855.84	36.80%	-367,274.16
	Aggregate Base Course (Recycled Asphalt Pavement)							
0340	310-00608	172,383.00	3.50000	2.71000 SY	603,340.50	467,157.93	77.43%	-136,182.57
	Full Depth Reclamation of Hot Mix Asphalt Pavement (0-8")							
0345	310-00610	43,739.000	3.75000	3.65000 SY	164,021.25	159,647.35	97.33%	-4,373.90
	Full Depth Reclamation of Hot Mix Asphalt Pavement (8-12")							
0350	310-00614	41,166.000	4.50000	7.33000 SY	185,247.00	301,746.78	162.89%	116,499.78
	Full Depth Reclamation Of Hot Mix Asphalt Pavement (12-16")							
0355	310-00800	257,288.00	2.40000	3.13000 SY	617,491.20	805,311.44	130.42%	187,820.24
	Process Cement Treated Full Depth Reclamation							

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SECTION:	0001	ROADWAY						
0355	310-00900	5,019.000	165.00000	240.00000 TON	828,135.00	1,204,560.00	145.45%	376,425.00
	Hydraulic Cement							
0360	403-00720	1,000.000	180.00000	165.00000 TON	180,000.00	165,000.00	91.67%	-15,000.00
	Hot Mix Asphalt (Patching) (Asphalt)							
0365	403-00800	100.000	255.00000	200.00000 TON	25,500.00	20,000.00	78.43%	-5,500.00
	Emergency Pothole Repair							
0370	403-33841	9,246.000	90.00000	110.00000 TON	832,140.00	1,017,060.00	122.22%	184,920.00
	Hot Mix Asphalt (Grading S) (100) (PG 64-22)							
0375	403-34741	16,337.000	85.00000	108.00000 TON	1,388,645.00	1,764,396.00	127.06%	375,751.00
	Hot Mix Asphalt (Grading SX) (75) (PG 64-22)							
0380	403-34851	32,043.000	96.00000	115.00000 TON	3,076,128.00	3,684,945.00	119.79%	608,817.00
	Hot Mix Asphalt (Grading SX) (100) (PG 64-28)							
0385	411-10255	41,407.000	3.50000	5.30000 GAL	144,924.50	219,457.10	151.43%	74,532.60
	Emulsified Asphalt (Slow-Setting)							
0390	412-00000	18,267.000	130.00000	110.29000 CY	2,374,710.00	2,014,667.43	84.84%	-360,042.57
	Furnish Concrete Pavement							
0395	412-00050	66,685.000	12.00000	30.07000 SY	800,220.00	2,005,217.95	250.58%	1,204,997.95
	Place Concrete Pavement							
0400	412-00800	85,051.000	48.00000	54.79000 SY	4,082,448.00	4,659,944.29	114.15%	577,496.29
	Concrete Pavement (8 Inch)							
0405	420-00112	275.100	10.00000	3.63000 SY	2,751.00	998.61	36.30%	-1,752.39
	Geotextile (Drainage) (Class 1)							
0410	502-00460	26.000	210.00000	185.00000 EACH	5,460.00	4,810.00	88.10%	-650.00
	Pile Tip							

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SECTION:	0001	ROADWAY						
0415	502-00500	26.000	1,300.00000	1.00000 EACH	33,800.00	26.00	0.08%	-33,774.00
	Complete Joint Penetration (CJP) Splice							
0420	502-02010	2.000	3,000.00000	2,500.00000 EACH	6,000.00	5,000.00	83.33%	-1,000.00
	Dynamic Pile Test							
0425	502-02012	1.000	15,000.00000	8,000.00000 EACH	15,000.00	8,000.00	53.33%	-7,000.00
	Static Pile Load Test							
0430	502-11489	1,274.000	150.00000	150.00000 LF	191,100.00	191,100.00	100.00%	0.00
	Steel Piling (HP 14x89)							
0435	503-00036	32.000	650.00000	720.00000 LF	20,800.00	23,040.00	110.77%	2,240.00
	Drilled Shaft (36 Inch)							
0440	503-00048	31.000	725.00000	800.00000 LF	22,475.00	24,800.00	110.34%	2,325.00
	Drilled Shaft (48 Inch)							
0445	506-00212	448.500	160.00000	89.20000 CY	71,760.00	40,006.20	55.75%	-31,753.80
	Riprap (12 Inch)							
0450	507-00400	24.500	250.00000	198.40000 TON	6,125.00	4,860.80	79.36%	-1,264.20
	Asphalt Slope and Ditch Paving (Asphalt)							
0455	515-00120	363.000	27.00000	40.00000 SY	9,801.00	14,520.00	148.15%	4,719.00
	Waterproofing (Membrane)							
0460	518-00000	148.000	240.00000	135.00000 LF	35,520.00	19,980.00	56.25%	-15,540.00
	Bridge Compression Joint Sealer							
0465	518-01004	154.000	300.00000	375.00000 LF	46,200.00	57,750.00	125.00%	11,550.00
	Bridge Expansion Device (0-4 Inch)							
0470	519-03035	1,247.000	55.00000	73.00000 SY	68,585.00	91,031.00	132.73%	22,446.00
	Place Thin Bonded Overlay (Polyester Concrete)							

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SECTION:	0001	ROADWAY						
0475	519-03055	702.000	175.00000	167.00000	122,850.00	117,234.00	95.43%	-5,616.00
	Furnish Thin Bonded Overlay (Polyester Concrete)			CF				
0480	601-01000	7.100	1,500.00000	1,750.00000	10,650.00	12,425.00	116.67%	1,775.00
	Concrete Class B			CY				
0485	601-03030	39.000	1,500.00000	1,750.00000	58,500.00	68,250.00	116.67%	9,750.00
	Concrete Class D (Box Culvert)			CY				
0490	601-03040	82.200	1,300.00000	1,000.00000	106,860.00	82,200.00	76.92%	-24,660.00
	Concrete Class D (Bridge)			CY				
0495	601-03050	41.000	1,500.00000	1,750.00000	61,500.00	71,750.00	116.67%	10,250.00
	Concrete Class D (Wall)			CY				
0500	601-03057	23.000	2,300.00000	2,250.00000	52,900.00	51,750.00	97.83%	-1,150.00
	Concrete Class DR			CY				
0505	601-04550	481.400	990.00000	1,100.00000	476,586.00	529,540.00	111.11%	52,954.00
	Concrete Class G			CY				
0510	601-06102	48.000	500.00000	450.00000	24,000.00	21,600.00	90.00%	-2,400.00
	Concrete (Patching)			CF				
0515	601-51005	320.000	40.00000	10.00000	12,800.00	3,200.00	25.00%	-9,600.00
	Galvanic Anodes			EACH				
0520	602-00000	32,751.000	1.25000	1.50000	40,938.75	49,126.50	120.00%	8,187.75
	Reinforcing Steel			LB				
0525	602-00020	99,633.000	1.80000	1.70000	179,339.40	169,376.10	94.44%	-9,963.30
	Reinforcing Steel (Epoxy Coated)			LB				
0530	603-01180	365.000	125.00000	151.64000	45,625.00	55,348.60	121.31%	9,723.60
	18 Inch Reinforced Concrete Pipe			LF				

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SECTION:	0001	ROADWAY						
0535	603-01240	457.000	100.00000	265.04000 LF	45,700.00	121,123.28	265.04%	75,423.28
0540	603-01420	51.000	240.00000	396.15000 LF	12,240.00	20,203.65	165.06%	7,963.65
0545	603-05018	2.000	1,600.00000	2,269.98000 EACH	3,200.00	4,539.96	141.87%	1,339.96
0550	603-05024	17.000	1,500.00000	2,481.15000 EACH	25,500.00	42,179.55	165.41%	16,679.55
0555	603-05042	1.000	2,700.00000	3,674.15000 EACH	2,700.00	3,674.15	136.08%	974.15
0560	603-10120	24.000	95.00000	177.64000 LF	2,280.00	4,263.36	186.99%	1,983.36
0565	603-10150	96.000	105.00000	178.50000 LF	10,080.00	17,136.00	170.00%	7,056.00
0570	603-10180	866.000	135.00000	190.98000 LF	116,910.00	165,388.68	141.47%	48,478.68
0575	603-10240	152.000	150.00000	406.71000 LF	22,800.00	61,819.92	271.14%	39,019.92
0580	603-10360	30.000	200.00000	308.89000 LF	6,000.00	9,266.70	154.45%	3,266.70
0585	603-10420	15.000	250.00000	571.64000 LF	3,750.00	8,574.60	228.66%	4,824.60
0590	603-30012	2.000	750.00000	1,271.28000 EACH	1,500.00	2,542.56	169.50%	1,042.56

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SECTION:	0001	ROADWAY						
0595	603-30015	2.000	800.00000	1,289.76000 EACH	1,600.00	2,579.52	161.22%	979.52
	15 Inch Steel End Section							
0600	603-30018	6.000	440.00000	1,335.78000 EACH	2,640.00	8,014.68	303.59%	5,374.68
	18 Inch Steel End Section							
0605	603-30024	7.000	900.00000	1,450.59000 EACH	6,300.00	10,154.13	161.18%	3,854.13
	24 Inch Steel End Section							
0610	603-30036	2.000	1,530.00000	2,070.86000 EACH	3,060.00	4,141.72	135.35%	1,081.72
	36 Inch Steel End Section							
0615	603-30042	1.000	2,000.00000	2,881.90000 EACH	2,000.00	2,881.90	144.10%	881.90
	42 Inch Steel End Section							
0620	604-00505	5.000	6,700.00000	7,013.49000 EACH	33,500.00	35,067.45	104.68%	1,567.45
	Inlet Type D (5 Foot)							
0625	604-00510	1.000	8,000.00000	12,194.50000 EACH	8,000.00	12,194.50	152.43%	4,194.50
	Inlet Type D (10 Foot)							
0630	604-30015	1.000	8,500.00000	13,872.24000 EACH	8,500.00	13,872.24	163.20%	5,372.24
	Manhole Slab Base (15 Foot)							
0635	604-39050	5.000	7,600.00000	11,152.00000 EACH	38,000.00	55,760.00	146.74%	17,760.00
	Manhole (Traffic Management System)							
0640	606-00302	21,800.00C	32.00000	29.40000 LF	697,600.00	640,920.00	91.88%	-56,680.00
	Guardrail Type 3 (31 Inch Midwest Guardrail System)							
0645	606-00910	2,743.000	125.00000	150.00000 LF	342,875.00	411,450.00	120.00%	68,575.00
	Guardrail Type 9 (Style CA)							
0650	606-01340	1.000	2,200.00000	1,280.00000 EACH	2,200.00	1,280.00	58.18%	-920.00
	End Anchorage Type 3D							

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SECTION:	0001	ROADWAY						
0655	606-01370	37.000	3,300.00000	3,375.00000 EACH	122,100.00	124,875.00	102.27%	2,775.00
	Transition Type 3G							
0660	606-01372	11.000	6,000.00000	3,000.00000 EACH	66,000.00	33,000.00	50.00%	-33,000.00
	Transition Type GR9-GR3							
0665	606-01385	7.000	1,900.00000	1,597.00000 EACH	13,300.00	11,179.00	84.05%	-2,121.00
	Transition Type 3J							
0670	606-01390	7.000	2,400.00000	1,849.00000 EACH	16,800.00	12,943.00	77.04%	-3,857.00
	End Anchorage Type 3K							
0675	606-01402	4.000	4,000.00000	1,000.00000 EACH	16,000.00	4,000.00	25.00%	-12,000.00
	Transition Type BR10B-GR3							
0680	606-02003	76.000	3,200.00000	3,152.00000 EACH	243,200.00	239,552.00	98.50%	-3,648.00
	End Anchorage (Nonflared)							
0685	606-11035	302.000	240.00000	440.00000 LF	72,480.00	132,880.00	183.33%	60,400.00
	Bridge Rail Type 10 MASH							
0690	607-01050	200.000	12.00000	16.00000 LF	2,400.00	3,200.00	133.33%	800.00
	Fence Wire With Metal Posts							
0695	607-11525	1,000.000	2.50000	10.39000 LF	2,500.00	10,390.00	415.60%	7,890.00
	Fence (Plastic)							
0700	607-55110	152.000	70.00000	66.00000 LF	10,640.00	10,032.00	94.29%	-608.00
	Safety Rail (Cable)							
0705	609-24004	1,039.000	40.00000	84.72000 LF	41,560.00	88,024.08	211.80%	46,464.08
	Gutter Type 2 (4 Foot)							
0710	609-60011	8,079.000	17.00000	9.90000 LF	137,343.00	79,982.10	58.24%	-57,360.90
	Curb Type 6 (Section M)							

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SECTION:	0001	ROADWAY						
0715	612-00001	241.000	20.00000	20.00000 EACH	4,820.00	4,820.00	100.00%	0.00
	Delineator (Type I)							
0720	612-00002	171.000	25.00000	21.00000 EACH	4,275.00	3,591.00	84.00%	-684.00
	Delineator (Type II)							
0725	612-00003	33.000	30.00000	39.03000 EACH	990.00	1,287.99	130.10%	297.99
	Delineator (Type III)							
0730	612-00260	44.000	120.00000	370.00000 EACH	5,280.00	16,280.00	308.33%	11,000.00
	Location Marker (Fiber Optic)(Dome)							
0735	612-00270	3.000	100.00000	260.00000 EACH	300.00	780.00	260.00%	480.00
	Location Marker (Utility)(Flat Slat)							
0740	613-00200	5,550.000	17.00000	30.00000 LF	94,350.00	166,500.00	176.47%	72,150.00
	2 Inch Electrical Conduit							
0745	613-00206	55,890.000	11.00000	30.00000 LF	614,790.00	1,676,700.00	272.73%	1,061,910.00
	2 Inch Electrical Conduit (Bored)							
0750	613-00207	360.000	50.00000	130.00000 LF	18,000.00	46,800.00	260.00%	28,800.00
	2 Inch Electrical Conduit (Bridge) (Special)							
0755	613-00300	674.000	35.00000	33.00000 LF	23,590.00	22,242.00	94.29%	-1,348.00
	3 Inch Electrical Conduit							
0760	613-01200	914.000	20.00000	41.00000 LF	18,280.00	37,474.00	205.00%	19,194.00
	2 Inch Electrical Conduit (Plastic)							
0765	613-07001	5.000	950.00000	1,600.00000 EACH	4,750.00	8,000.00	168.42%	3,250.00
	Type One Pull Box							
0770	613-07002	12.000	1,100.00000	1,700.00000 EACH	13,200.00	20,400.00	154.55%	7,200.00
	Type Two Pull Box							

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SECTION:	0001	ROADWAY						
0775	613-07004	46.000	1,500.00000	3,100.00000 EACH	69,000.00	142,600.00	206.67%	73,600.00
	Type Four Pull Box							
0780	613-07005	1.000	2,500.00000	3,699.00000 EACH	2,500.00	3,699.00	147.96%	1,199.00
	Type Five Pull Box							
0785	613-07011	8.000	1,100.00000	1,600.00000 EACH	8,800.00	12,800.00	145.45%	4,000.00
	Pull Box (11"x18"x12")							
0790	613-07034	4.000	1,500.00000	2,600.00000 EACH	6,000.00	10,400.00	173.33%	4,400.00
	Pull Box (24"x36"x18")							
0795	613-10000	1.000	100,000.00000	97,000.00000 L S	100,000.00	97,000.00	97.00%	-3,000.00
	Wiring							
0800	613-13016	11.000	1,000.00000	950.00000 EACH	11,000.00	10,450.00	95.00%	-550.00
	Luminaire (LED) (16,000 Lumens)							
0805	613-34400	11.000	4,200.00000	4,100.00000 EACH	46,200.00	45,100.00	97.62%	-1,100.00
	Light Standard Metal (40 Foot)							
0810	613-40010	11.000	1,600.00000	6,250.00000 EACH	17,600.00	68,750.00	390.63%	51,150.00
	Light Standard Foundation							
0815	613-50100	1.000	9,200.00000	11,000.00000 EACH	9,200.00	11,000.00	119.57%	1,800.00
	Lighting Control Center							
0820	613-50109	4.000	8,000.00000	11,000.00000 EACH	32,000.00	44,000.00	137.50%	12,000.00
	Meter Power Pedestal							
0825	613-80130	3.000	6,500.00000	11,000.00000 EACH	19,500.00	33,000.00	169.23%	13,500.00
	Service Meter Cabinet							
0830	614-00011	66.000	25.00000	21.00000 SF	1,650.00	1,386.00	84.00%	-264.00
	Sign Panel (Class I)							

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SECTION:	0001	ROADWAY						
0835	614-00012	1,533.000	27.00000	24.00000	41,391.00	36,792.00	88.89%	-4,599.00
	Sign Panel (Class II)			SF				
0840	614-00013	132.000	43.00000	33.00000	5,676.00	4,356.00	76.74%	-1,320.00
	Sign Panel (Class III)			SF				
0845	614-01226	93.000	190.00000	120.00000	17,670.00	11,160.00	63.16%	-6,510.00
	Steel Signpost (W 12x26)			LF				
0850	614-01503	22.000	270.00000	300.00000	5,940.00	6,600.00	111.11%	660.00
	Steel Sign Support (2-Inch Round)(Post and Socket)			EACH				
0855	614-01573	135.000	450.00000	475.00000	60,750.00	64,125.00	105.56%	3,375.00
	Steel Sign Support (2-1/2 Inch Round NP- 40)(Post & Slipbase)			EACH				
0860	614-03007	8.000	4,000.00000	3,300.00000	32,000.00	26,400.00	82.50%	-5,600.00
	Concrete Footing (Type 7)			EACH				
0865	614-10147	1.000	70,000.00000	88,250.00000	70,000.00	88,250.00	126.07%	18,250.00
	Variable Message Sign LED (Overhead)			EACH				
0870	614-32400	1.000	44,000.00000	90,000.00000	44,000.00	90,000.00	204.55%	46,000.00
	Monotube Overhead Sign Cantilever (24 Inch Diameter)			EACH				
0875	614-70024	8.000	475.00000	700.00000	3,800.00	5,600.00	147.37%	1,800.00
	1310nm SFP Optic Module			EACH				
0880	614-72832	2.000	10,000.00000	22,250.00000	20,000.00	44,500.00	222.50%	24,500.00
	Communications Cabinet (Type 2)			EACH				
0885	614-72875	1,400.000	10.00000	11.00000	14,000.00	15,400.00	110.00%	1,400.00
	Loop Detector Wire			LF				

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Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	ROADWAY						
0890	614-72887	1.000	10,500.00000	11,500.00000 EACH	10,500.00	11,500.00	109.52%	1,000.00
	Microwave Vehicle Radar Detector							
0895	614-80385	116,100.00	0.25000	0.12000 LF	29,025.00	13,932.00	48.00%	-15,093.00
	Rumble Strip							
0900	614-86741	1.000	60,000.00000	68,000.00000 EACH	60,000.00	68,000.00	113.33%	8,000.00
	Weather Monitoring System							
0905	614-87010	675.000	7.00000	6.00000 LF	4,725.00	4,050.00	85.71%	-675.00
	Fiber Optic Cable (Single Mode) (12 Fiber)							
0910	614-87015	3.000	450.00000	380.00000 EACH	1,350.00	1,140.00	84.44%	-210.00
	Buffer Tube Fan Out Kit							
0915	614-87024	3.000	1,020.00000	1,720.00000 EACH	3,060.00	5,160.00	168.63%	2,100.00
	Fiber Optic Termination Panel (24 Fiber)							
0920	614-87100	1.000	15,000.00000	35,500.00000 EACH	15,000.00	35,500.00	236.67%	20,500.00
	Automatic Traffic Recording Station							
0925	614-87320	4.000	5,000.00000	5,700.00000 EACH	20,000.00	22,800.00	114.00%	2,800.00
	Closed Circuit Television							
0930	614-87325	2.000	6,700.00000	56,000.00000 EACH	13,400.00	112,000.00	835.82%	98,600.00
	Closed Circuit Television Pole							
0935	614-87350	1.000	10,000.00000	22,500.00000 L S	10,000.00	22,500.00	225.00%	12,500.00
	Test Fiber Optic Cable							
0940	614-87496	31,205.00	4.50000	5.00000 LF	140,422.50	156,025.00	111.11%	15,602.50
	Fiber Optic Cable (Single Mode) (96 Strands)							
0945	614-87691	1.000	3,500.00000	6,500.00000 EACH	3,500.00	6,500.00	185.71%	3,000.00
	Ethernet Switch Type I							

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SECTION:	0001	ROADWAY						
0950	614-87692	2.000	7,500.00000	6,500.00000 EACH	15,000.00	13,000.00	86.67%	-2,000.00
0955	Ethernet Switch Type II							
0955	615-00030	14.000	4,000.00000	1,331.35000 EACH	56,000.00	18,638.90	33.28%	-37,361.10
0960	Embankment Protector Type 3							
0960	618-01163	875.000	425.00000	550.00000 LF	371,875.00	481,250.00	129.41%	109,375.00
0965	Prestressed Concrete I (CBT63)							
0965	620-00002	1.000	30,000.00000	88,888.00000 EACH	30,000.00	88,888.00	296.29%	58,888.00
0970	Field Office (Class 2)							
0970	620-00012	1.000	25,000.00000	74,618.00000 EACH	25,000.00	74,618.00	298.47%	49,618.00
0975	Field Laboratory (Class 2)							
0975	620-00020	10.000	2,700.00000	2,100.00000 EACH	27,000.00	21,000.00	77.78%	-6,000.00
0980	Sanitary Facility							
0980	621-00450	7,800.000	50.00000	53.48000 SY	390,000.00	417,144.00	106.96%	27,144.00
0985	Detour Pavement							
0985	625-00000	1.000	310,000.00000	250,975.00000 L S	310,000.00	250,975.00	80.96%	-59,025.00
0990	Construction Surveying							
0990	626-00000	1.000	1,507,599.90000	3,608,092.00000 L S	1,507,599.90	3,608,092.00	239.33%	2,100,492.10
0995	Mobilization							
0995	627-00009	1,461.000	120.00000	165.00000 GAL	175,320.00	241,065.00	137.50%	65,745.00
1000	Modified Epoxy Pavement Marking(Inlaid)							
1000	627-00011	2,900.000	45.00000	58.50000 GAL	130,500.00	169,650.00	130.00%	39,150.00
1005	Pavement Marking Paint (Waterborne)							
1005	627-01010	19,116.00C	15.00000	16.75000 SF	286,740.00	320,193.00	111.67%	33,453.00
	Preformed Plastic Pavement Marking (Type I)(Inlaid)							

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SECTION:	0001	ROADWAY						
1010	627-30407	1,649.000	24.00000	16.50000 SF	39,576.00	27,208.50	68.75%	-12,367.50
			Preformed Thermoplastic Pavement Marking (Word-Symbol) (Special)					
1015	630-00000	6,300.000	31.00000	32.00000 HOUR	195,300.00	201,600.00	103.23%	6,300.00
			Flagging					
1020	630-00001	600.000	52.00000	120.00000 HOUR	31,200.00	72,000.00	230.77%	40,800.00
			Pilot Car Operation					
1025	630-00003	800.000	110.00000	115.00000 HOUR	88,000.00	92,000.00	104.55%	4,000.00
			Uniformed Traffic Control					
1030	630-00007	230.000	250.00000	150.00000 DAY	57,500.00	34,500.00	60.00%	-23,000.00
			Traffic Control Inspection					
1035	630-00012	310.000	1,000.00000	1,250.00000 DAY	310,000.00	387,500.00	125.00%	77,500.00
			Traffic Control Management					
1040	630-00017	24.000	2,000.00000	4,200.00000 DAY	48,000.00	100,800.00	210.00%	52,800.00
			Traffic Control Management (Special)					
1045	630-00031	144.000	100.00000	200.00000 HOUR	14,400.00	28,800.00	200.00%	14,400.00
			Courtesy Patrol					
1050	630-00040	1.000	3,500.00000	5,000.00000 L S	3,500.00	5,000.00	142.86%	1,500.00
			Traffic Incident Management Plan Development					
1055	630-00041	18.000	1,500.00000	500.00000 MON	27,000.00	9,000.00	33.33%	-18,000.00
			Traffic Incident Management Plan Implementation					
1060	630-80001	20.000	850.00000	850.00000 EACH	17,000.00	17,000.00	100.00%	0.00
			Flashing Beacon (Portable)					

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SECTION:	0001	ROADWAY						
1065	630-80310	2.000	10,000.00000	12,000.00000 EACH	20,000.00	24,000.00	120.00%	4,000.00
	Automated Flagging Assistance Device							
1070	630-80335	4.000	150.00000	350.00000 EACH	600.00	1,400.00	233.33%	800.00
	Barricade (Type 3 M-A) (Temporary)							
1075	630-80336	4.000	360.00000	400.00000 EACH	1,440.00	1,600.00	111.11%	160.00
	Barricade (Type 3 M-B) (Temporary)							
1080	630-80341	170.000	100.00000	65.00000 EACH	17,000.00	11,050.00	65.00%	-5,950.00
	Construction Traffic Sign (Panel Size A)							
1085	630-80342	40.000	70.00000	100.00000 EACH	2,800.00	4,000.00	142.86%	1,200.00
	Construction Traffic Sign (Panel Size B)							
1090	630-80350	200.000	29.00000	45.00000 EACH	5,800.00	9,000.00	155.17%	3,200.00
	Vertical Panel							
1095	630-80355	6.000	6,500.00000	8,500.00000 EACH	39,000.00	51,000.00	130.77%	12,000.00
	Portable Message Sign Panel							
1100	630-80357	6.000	1,200.00000	1,500.00000 EACH	7,200.00	9,000.00	125.00%	1,800.00
	Advance Warning Flashing or Sequencing Arrow Panel (B Type)							
1105	630-80370	1,500.000	36.00000	50.22000 LF	54,000.00	75,330.00	139.50%	21,330.00
	Barrier (Temporary)							
1110	630-80384	500.000	20.00000	65.00000 EACH	10,000.00	32,500.00	325.00%	22,500.00
	Tubular Marker							
1115	630-80511	1.000	10,000.00000	5,000.00000 L S	10,000.00	5,000.00	50.00%	-5,000.00
	Mobile Pavement Marking Zone							
1120	630-85010	5.000	8,500.00000	6,800.00000 EACH	42,500.00	34,000.00	80.00%	-8,500.00
	Impact Attenuator (Temporary)							

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Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
Section 0001 Subtotal					\$33,000,000.00	\$39,607,433.98	120.02%	\$6,607,433.98
	Contract Total for Calculated Low Bidders Bid Items				\$33,000,000.00	\$39,607,433.98	120.02%	\$6,607,433.98