

**Colorado Department of Transportation**Printed On: **12/11/2023****Low Bid Summary**

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Letting Date: November 16, 2023

Call Order	Contract ID	Project(s)	# of Bids	Low Bidder	Estimated Cost	Corrected Bid	Percent of Estimate	Overrun (+) Underrun (-)
001	C24321R-ALT	NHPP0702-412	7	Siete, Inc.	\$5,167,292.00	\$4,029,066.80	77.97%	-\$1,138,225.20
Letting Totals			7		\$5,167,292.00	\$4,029,066.80	77.97%	-\$1,138,225.20

**Colorado Department of Transportation**Printed On: **12/11/2023****Vendor Ranking**

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Contract ID: C24321R-ALT

**Contract Description:**

This project requires the replacement of the wall along westbound I-70 at MP 170.5. The design includes plans for a MSE Wall and a CIP Wall option. The final wall type will be determined through alternate bids.

Rank	Vendor ID	Vendor Name	Total Bid	Percent Of Low Bid	Percent Of Estimate
1	2103	Siete, Inc.	\$4,029,066.80	100.00%	77.97%
2	1086A	STRUCTURES, INC.	\$4,067,941.81	100.96%	78.72%
3	1917	Native Sun Materials Inc dba Native Sun Construciton	\$4,411,916.04	109.50%	85.38%
4	379A	HARRISON WESTERN CONSTRUCTION CORPORATION	\$4,662,296.00	115.72%	90.23%
5	1415A	RALPH L. WADSWORTH CONSTRUCTION COMPANY, LLC.	\$4,842,638.49	120.19%	93.72%
6	1816	Myers & Sons Construction, LLC	\$4,958,566.85	123.07%	95.96%
0	-EST-	Engineer's Estimate	\$5,167,292.00	128.25%	100.00%
7	801A	ZAK DIRT INCORPORATED	\$5,392,295.50	133.83%	104.35%

## Tabulation of Bids

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Contract ID: C24321R-ALT

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 2103 Siete, Inc.		(2) 1086A STRUCTURES, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION: 0001 ROADWAY COMMON ITEMS</b>								
201-00000	Clearing and Grubbing	1.000 L S	50,000.00000	50,000.00	75,000.00000	75,000.00	18,207.34000	18,207.34
202-00047	Removal of Electrical Equipment	1.000 L S	20,000.00000	20,000.00	35,000.00000	35,000.00	25,843.40000	25,843.40
202-00220	Removal of Asphalt Mat	258.000 SY	60.00000	15,480.00	80.00000	20,640.00	44.90000	11,584.20
202-00250	Removal of Pavement Marking	283.000 SF	20.00000	5,660.00	17.00000	4,811.00	3.85000	1,089.55
202-00700	Removal of Light Standard	1.000 EACH	8,000.00000	8,000.00	15,000.00000	15,000.00	8,452.40000	8,452.40
202-00827	Removal of Pull Box	2.000 EACH	750.00000	1,500.00	1,500.00000	3,000.00	976.80000	1,953.60
202-01130	Removal of Guardrail Type 3	732.000 LF	10.00000	7,320.00	35.00000	25,620.00	12.50000	9,150.00
202-01300	Removal of End Anchorage	1.000 EACH	500.00000	500.00	600.00000	600.00	907.50000	907.50
203-01500	Blading	20.000 HOUR	300.00000	6,000.00	200.00000	4,000.00	324.74000	6,494.80
203-01550	Dozing	20.000 HOUR	300.00000	6,000.00	200.00000	4,000.00	468.07000	9,361.40
203-01582	Truck (Dump)	24.000 HOUR	200.00000	4,800.00	135.00000	3,240.00	170.33000	4,087.92
203-01590	Front End Loader (Rubber Tire)	10.000 HOUR	150.00000	1,500.00	186.00000	1,860.00	242.94000	2,429.40
203-01597	Potholing	10.000 HOUR	500.00000	5,000.00	400.00000	4,000.00	363.86000	3,638.60
203-02330	Laborer	40.000 HOUR	50.00000	2,000.00	65.00000	2,600.00	57.13000	2,285.20
207-00700	Topsoil (Onsite)	110.000 CY	90.00000	9,900.00	150.00000	16,500.00	35.46000	3,900.60
208-00002	Erosion Log Type 1 (12 Inch)	860.000 LF	7.00000	6,020.00	10.00000	8,600.00	8.82000	7,585.20

## Tabulation of Bids

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Contract ID: C24321R-ALT

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 2103 Siete, Inc.		(2) 1086A STRUCTURES, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION: 0001 ROADWAY COMMON ITEMS</b>								
208-00035	Aggregate Bag	100.000 LF	15.00000	1,500.00	15.00000	1,500.00	12.28000	1,228.00
208-00046	Pre-fabricated Concrete Washout Structure (Type 1)	1.000 EACH	3,000.00000	3,000.00	5,000.00000	5,000.00	9,609.47000	9,609.47
208-00075	Pre-fabricated Vehicle Tracking Pad	1.000 EACH	5,000.00000	5,000.00	5,000.00000	5,000.00	12,401.66000	12,401.66
208-00103	Removal and Disposal of Sediment (Labor)	10.000 HOUR	100.00000	1,000.00	130.00000	1,300.00	57.13000	571.30
208-00105	Removal and Disposal of Sediment (Equipment)	10.000 HOUR	200.00000	2,000.00	138.00000	1,380.00	126.71000	1,267.10
208-00106	Sweeping (Sediment Removal)	10.000 HOUR	270.00000	2,700.00	138.00000	1,380.00	136.14000	1,361.40
208-00107	Removal of Trash	10.000 HOUR	90.00000	900.00	129.00000	1,290.00	136.23000	1,362.30
210-00473	Reset TV Cameras	1.000 EACH	5,000.00000	5,000.00	10,000.00000	10,000.00	4,098.60000	4,098.60
210-00475	Reset Closed Circuit Television Pole	1.000 EACH	30,000.00000	30,000.00	30,000.00000	30,000.00	25,831.30000	25,831.30
210-00481	Reset Dedicated Short Range Communications(DSRC) (Roadside Unit)	1.000 EACH	3,000.00000	3,000.00	10,000.00000	10,000.00	2,850.10000	2,850.10
210-00861	Reset Wiring	1.000 LS	15,000.00000	15,000.00	25,000.00000	25,000.00	10,759.10000	10,759.10
212-00700	Organic Fertilizer	160.000 LB	6.00000	960.00	5.00000	800.00	2.70000	432.00
212-00702	Biotic Soil Amendments (Hydraulically Applied)	700.000 LB	3.00000	2,100.00	7.00000	4,900.00	2.51000	1,757.00
212-00703	Humate	15.000 LB	30.00000	450.00	5.00000	75.00	10.12000	151.80
212-00704	Mycorrhizae	4.000 LB	60.00000	240.00	15.00000	60.00	52.80000	211.20

## Tabulation of Bids

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Contract ID: C24321R-ALT

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 2103 Siete, Inc.		(2) 1086A STRUCTURES, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION: 0001 ROADWAY COMMON ITEMS</b>								<b>LCC:</b>
212-00707	Seeding (Native) Hydraulic	0.200 ACRE	12,000.00000	2,400.00	15,000.00000	3,000.00	4,510.00000	902.00
213-00012	Spray-on Mulch Blanket	0.200 ACRE	10,000.00000	2,000.00	20,000.00000	4,000.00	7,535.09000	1,507.02
217-00000	Herbicide Treatment	1,940.000 SY	2.30000	4,462.00	0.38000	737.20	0.83000	1,610.20
240-00000	Wildlife Biologist	10.000 HOUR	170.00000	1,700.00	225.00000	2,250.00	145.20000	1,452.00
420-00102	Geotextile (Erosion Control) (Class 1)	24.000 SY	20.00000	480.00	35.00000	840.00	17.91000	429.84
506-00209	Riprap (9 Inch)	8.000 CY	500.00000	4,000.00	500.00000	4,000.00	216.27000	1,730.16
606-00302	Guardrail Type 3 (31 Inch Midwest Guardrail System)	81.000 LF	110.00000	8,910.00	275.00000	22,275.00	137.50000	11,137.50
606-00910	Guardrail Type 9 (Style CA)	86.000 LF	400.00000	34,400.00	400.00000	34,400.00	185.25000	15,931.50
606-01340	End Anchorage Type 3D	1.000 EACH	3,000.00000	3,000.00	7,000.00000	7,000.00	3,300.00000	3,300.00
609-24002	Gutter Type 2 (2 Foot)	20.000 LF	120.00000	2,400.00	300.00000	6,000.00	113.00000	2,260.00
613-01100	1 Inch Electrical Conduit (Plastic)	10.000 LF	130.00000	1,300.00	125.00000	1,250.00	119.90000	1,199.00
613-01200	2 Inch Electrical Conduit (Plastic)	3,020.000 LF	80.00000	241,600.00	92.00000	277,840.00	38.50000	116,270.00
613-07000	Pull Box (Special)	1.000 EACH	8,000.00000	8,000.00	12,000.00000	12,000.00	7,675.80000	7,675.80
613-07003	Type Three Pull Box	4.000 EACH	6,000.00000	24,000.00	5,000.00000	20,000.00	3,479.30000	13,917.20
613-07023	Pull Box (24"x36"x24")	2.000 EACH	6,000.00000	12,000.00	7,000.00000	14,000.00	5,032.50000	10,065.00

## Tabulation of Bids

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Contract ID: C24321R-ALT

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 2103 Siete, Inc.		(2) 1086A STRUCTURES, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION: 0001 ROADWAY COMMON ITEMS</b>								<b>LCC:</b>
613-10000	Wiring	1.000 L S	100,000.00000	100,000.00	15,000.00000	15,000.00	7,495.40000	7,495.40
613-13006	Luminaire (LED) (6,000 Lumens)	1.000 EACH	2,000.00000	2,000.00	3,000.00000	3,000.00	2,138.40000	2,138.40
613-32250	Light Standard Steel (25 Foot)	1.000 EACH	8,000.00000	8,000.00	20,000.00000	20,000.00	16,739.80000	16,739.80
620-00005	Field Office (Special)	1.000 EACH	80,000.00000	80,000.00	32,000.00000	32,000.00	116,649.90000	116,649.90
620-00012	Field Laboratory (Class 2)	1.000 EACH	35,000.00000	35,000.00	32,000.00000	32,000.00	104,124.72000	104,124.72
620-00020	Sanitary Facility	1.000 EACH	4,000.00000	4,000.00	6,000.00000	6,000.00	2,768.50000	2,768.50
625-00000	Construction Surveying	1.000 L S	100,000.00000	100,000.00	60,000.00000	60,000.00	45,925.00000	45,925.00
625-00001	Construction Surveying (Hourly)	10.000 HOUR	300.00000	3,000.00	230.00000	2,300.00	251.90000	2,519.00
626-00000	Mobilization	1.000 L S	1,100,000.00000	1,100,000.00	420,000.00000	420,000.00	365,439.79000	365,439.79
626-01113	Public Information Management (Tier III)	181.000 DAY	90.00000	16,290.00	80.00000	14,480.00	88.00000	15,928.00
627-00008	Modified Epoxy Pavement Marking	12.000 GAL	1,400.00000	16,800.00	1,300.00000	15,600.00	412.50000	4,950.00
627-00013	Pavement Marking Paint (High Build)	13.000 GAL	1,000.00000	13,000.00	900.00000	11,700.00	121.00000	1,573.00
627-01001	Preformed Plastic Pavement Marking (Type I)	125.000 SF	100.00000	12,500.00	100.00000	12,500.00	24.20000	3,025.00
630-00000	Flagging	1,440.000 HOUR	45.00000	64,800.00	43.00000	61,920.00	45.16000	65,030.40
630-00007	Traffic Control Inspection	107.000 DAY	500.00000	53,500.00	300.00000	32,100.00	522.50000	55,907.50

## Tabulation of Bids

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Contract ID: C24321R-ALT

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 2103 Siete, Inc.		(2) 1086A STRUCTURES, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION: 0001 ROADWAY COMMON ITEMS</b>								
630-00012	Traffic Control Management	60.000 DAY	2,000.00000	120,000.00	1,550.00000	93,000.00	1,595.00000	95,700.00
630-80001	Flashing Beacon (Portable)	15.000 EACH	1,600.00000	24,000.00	2,150.00000	32,250.00	1,540.00000	23,100.00
630-80335	Barricade (Type 3 M-A) (Temporary)	10.000 EACH	450.00000	4,500.00	400.00000	4,000.00	495.00000	4,950.00
630-80341	Construction Traffic Sign (Panel Size A)	45.000 EACH	90.00000	4,050.00	75.00000	3,375.00	99.00000	4,455.00
630-80342	Construction Traffic Sign (Panel Size B)	19.000 EACH	100.00000	1,900.00	300.00000	5,700.00	110.00000	2,090.00
630-80343	Construction Traffic Sign (Panel Size C)	2.000 EACH	130.00000	260.00	440.00000	880.00	132.00000	264.00
630-80355	Portable Message Sign Panel	2.000 EACH	11,000.00000	22,000.00	12,500.00000	25,000.00	10,725.00000	21,450.00
630-80358	Advance Warning Flashing or Sequencing Arrow Panel (C Type)	2.000 EACH	3,000.00000	6,000.00	3,000.00000	6,000.00	3,575.00000	7,150.00
630-80360	Drum Channelizing Device	150.000 EACH	40.00000	6,000.00	75.00000	11,250.00	33.00000	4,950.00
630-80363	Drum Channelizing Device (With Light) (Flashing)	20.000 EACH	40.00000	800.00	95.00000	1,900.00	38.50000	770.00
630-80370	Barrier (Temporary)	940.000 LF	75.00000	70,500.00	105.00000	98,700.00	62.39000	58,646.60
630-80380	Traffic Cone	300.000 EACH	12.00000	3,600.00	25.00000	7,500.00	11.00000	3,300.00
630-80393	Stackable Vertical Panels	100.000 EACH	30.00000	3,000.00	45.00000	4,500.00	38.50000	3,850.00
630-85010	Impact Attenuator (Temporary)	1.000 EACH	10,000.00000	10,000.00	15,000.00000	15,000.00	10,471.76000	10,471.76
630-85040	Impact Attenuator (Truck Mounted Attenuator) (Temporary)	1.000 EACH	20,000.00000	20,000.00	50,000.00000	50,000.00	93,500.00000	93,500.00

## Tabulation of Bids

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Contract ID: C24321R-ALT

## **Tabulation of Bids**

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Contract ID: C24321R-ALT

				(0) -EST- Engineer's Estimate		(1) 2103 Siete, Inc.		(2) 1086A STRUCTURES, INC.	
Item Code	Description	Quantity		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0002	CAST-IN-PLACE WALL ITEMS				LCC:			
202-00160	Removal of Wall	6,330.000	SF	20.00000	126,600.00			31.66000	200,407.80
206-00000	Structure Excavation	2,973.000	CY	130.00000	386,490.00			65.94000	196,039.62
206-00100	Structure Backfill (Class 1)	1,473.000	CY	150.00000	220,950.00			109.67000	161,543.91
206-00200	Structure Backfill (Class 2)	225.000	CY	50.00000	11,250.00			33.40000	7,515.00
304-06000	Aggregate Base Course (Class 6)	161.000	TON	100.00000	16,100.00			78.78000	12,683.58
403-00720	Hot Mix Asphalt (Patching) (Asphalt)	201.000	TON	2,000.00000	402,000.00			550.00000	110,550.00
601-03050	Concrete Class D (Wall)	503.000	CY	1,200.00000	603,600.00			1,826.58000	918,769.74
601-40400	Structural Concrete Stain	730.000	SY	40.00000	29,200.00			30.10000	21,973.00
602-00020	Reinforcing Steel (Epoxy Coated)	62,793.000	LB	2.00000	125,586.00			2.72000	170,796.96
606-01401	Transition Type BR10B-GR9	1.000	EACH	15,000.00000	15,000.00			10,370.12000	10,370.12
606-11035	Bridge Rail Type 10 MASH	626.000	LF	420.00000	262,920.00			337.77000	211,444.02
641-10010	Initial Shotcrete Facing	6,695.000	SF	40.00000	267,800.00			72.75000	487,061.25
<b>Section Totals:</b>									\$2,509,155.00

## Tabulation of Bids

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Contract ID: C24321R-ALT

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 2103 Siete, Inc.		(2) 1086A STRUCTURES, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION: 0003 MSE WALL ITEMS</b>								
202-00160	Removal of Wall	6,330.000 SF	20.00000	126,600.00	20.00000	126,600.00		
206-00000	Structure Excavation	3,040.000 CY	130.00000	395,200.00	31.00000	94,240.00		
206-00100	Structure Backfill (Class 1)	2,585.000 CY	150.00000	387,750.00	130.00000	336,050.00		
206-00200	Structure Backfill (Class 2)	180.000 CY	50.00000	9,000.00	115.00000	20,700.00		
206-00360	Mechanical Reinforcement of Soil	2,355.000 CY	55.00000	129,525.00	15.00000	35,325.00		
403-00720	Hot Mix Asphalt (Patching) (Asphalt)	10.000 TON	2,000.00000	20,000.00	3,000.00000	30,000.00		
420-00000	Geomembrane	723.000 SY	25.00000	18,075.00	36.00000	26,028.00		
504-04420	Precast Panel Facing	7,130.000 SF	80.00000	570,400.00	73.00000	520,490.00		
601-03050	Concrete Class D (Wall)	276.000 CY	1,200.00000	331,200.00	1,440.00000	397,440.00		
601-40400	Structural Concrete Stain	900.000 SY	40.00000	36,000.00	45.00000	40,500.00		
602-00000	Reinforcing Steel	1,100.000 LB	2.00000	2,200.00	1.62000	1,782.00		
602-00020	Reinforcing Steel (Epoxy Coated)	28,430.000 LB	2.00000	56,860.00	1.72000	48,899.60		
606-01401	Transition Type BR10B-GR9	1.000 EACH	15,000.00000	15,000.00	8,250.00000	8,250.00		
606-11035	Bridge Rail Type 10 MASH	626.000 LF	500.00000	313,000.00	379.00000	237,254.00		
641-10010	Initial Shotcrete Facing	6,695.000 SF	40.00000	267,800.00	39.00000	261,105.00		

## Tabulation of Bids

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Contract ID: C24321R-ALT

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate	(1) 2103 Siete, Inc.	(2) 1086A STRUCTURES, INC.			
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
Section Totals:			\$2,678,610.00	\$2,184,663.60				
Contract Grand Totals			\$5,167,292.00	\$4,029,066.80			\$4,067,941.81	

## Tabulation of Bids

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Contract ID: C24321R-ALT

Item Code	Description	Quantity	(3) 1917 Native Sun Materials Inc		(4) 379A HARRISON WESTERN CONSTRUCTION CORP.		(5) 1415A RALPH L. WADSWORTH CONSTRUCTION CO., LLC		
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	
<b>SECTION: 0001 ROADWAY COMMON ITEMS</b>									
201-00000	Clearing and Grubbing	1.000	L S	28,890.63000	28,890.63	22,500.00000	22,500.00	50,000.00000	50,000.00
202-00047	Removal of Electrical Equipment	1.000	L S	26,051.72000	26,051.72	30,200.00000	30,200.00	50,000.00000	50,000.00
202-00220	Removal of Asphalt Mat	258.000	SY	36.95000	9,533.10	66.00000	17,028.00	22.30000	5,753.40
202-00250	Removal of Pavement Marking	283.000	SF	19.07000	5,396.81	5.00000	1,415.00	9.06000	2,563.98
202-00700	Removal of Light Standard	1.000	EACH	8,496.62000	8,496.62	9,850.00000	9,850.00	7,037.81000	7,037.81
202-00827	Removal of Pull Box	2.000	EACH	811.02000	1,622.04	1,900.00000	3,800.00	671.77000	1,343.54
202-01130	Removal of Guardrail Type 3	732.000	LF	28.66000	20,979.12	21.00000	15,372.00	10.53000	7,707.96
202-01300	Removal of End Anchorage	1.000	EACH	462.71000	462.71	3,050.00000	3,050.00	868.67000	868.67
203-01500	Blading	20.000	HOUR	237.48000	4,749.60	330.00000	6,600.00	272.65000	5,453.00
203-01550	Dozing	20.000	HOUR	237.48000	4,749.60	330.00000	6,600.00	279.03000	5,580.60
203-01582	Truck (Dump)	24.000	HOUR	184.90000	4,437.60	185.00000	4,440.00	177.19000	4,252.56
203-01590	Front End Loader (Rubber Tire)	10.000	HOUR	208.01000	2,080.10	245.00000	2,450.00	142.38000	1,423.80
203-01597	Potholing	10.000	HOUR	826.27000	8,262.70	1,100.00000	11,000.00	352.73000	3,527.30
203-02330	Laborer	40.000	HOUR	63.56000	2,542.40	94.00000	3,760.00	42.54000	1,701.60
207-00700	Topsoil (Onsite)	110.000	CY	65.12000	7,163.20	47.00000	5,170.00	85.28000	9,380.80

## Tabulation of Bids

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Contract ID: C24321R-ALT

Item Code	Description	Quantity	(3) 1917 Native Sun Materials Inc		(4) 379A HARRISON WESTERN CONSTRUCTION CORP.		(5) 1415A RALPH L. WADSWORTH CONSTRUCTION CO., LLC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION: 0001 ROADWAY COMMON ITEMS</b>								
208-00002	Erosion Log Type 1 (12 Inch)	860.000 LF	8.85000	7,611.00	10.00000	8,600.00	7.33000	6,303.80
208-00035	Aggregate Bag	100.000 LF	15.47000	1,547.00	18.00000	1,800.00	12.81000	1,281.00
208-00046	Pre-fabricated Concrete Washout Structure (Type 1)	1.000 EACH	4,449.16000	4,449.16	2,850.00000	2,850.00	2,642.86000	2,642.86
208-00075	Pre-fabricated Vehicle Tracking Pad	1.000 EACH	8,262.72000	8,262.72	3,950.00000	3,950.00	3,369.39000	3,369.39
208-00103	Removal and Disposal of Sediment (Labor)	10.000 HOUR	138.68000	1,386.80	89.00000	890.00	62.16000	621.60
208-00105	Removal and Disposal of Sediment (Equipment)	10.000 HOUR	138.68000	1,386.80	130.00000	1,300.00	115.31000	1,153.10
208-00106	Sweeping (Sediment Removal)	10.000 HOUR	138.68000	1,386.80	160.00000	1,600.00	247.44000	2,474.40
208-00107	Removal of Trash	10.000 HOUR	138.68000	1,386.80	130.00000	1,300.00	209.98000	2,099.80
210-00473	Reset TV Cameras	1.000 EACH	4,736.44000	4,736.44	5,500.00000	5,500.00	3,923.23000	3,923.23
210-00475	Reset Closed Circuit Television Pole	1.000 EACH	29,851.30000	29,851.30	34,600.00000	34,600.00	24,726.04000	24,726.04
210-00481	Reset Dedicated Short Range Communications(DSRC) (Roadside Unit)	1.000 EACH	3,293.65000	3,293.65	3,800.00000	3,800.00	2,728.15000	2,728.15
210-00861	Reset Wiring	1.000 LS	12,433.48000	12,433.48	14,400.00000	14,400.00	10,298.74000	10,298.74
212-00700	Organic Fertilizer	160.000 LB	3.53000	564.80	4.00000	640.00	2.93000	468.80
212-00702	Biotic Soil Amendments (Hydraulically Applied)	700.000 LB	2.94000	2,058.00	3.50000	2,450.00	2.43000	1,701.00

## Tabulation of Bids

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Contract ID: C24321R-ALT

Item Code	Description	Quantity	(3) 1917 Native Sun Materials Inc		(4) 379A HARRISON WESTERN CONSTRUCTION CORP.		(5) 1415A RALPH L. WADSWORTH CONSTRUCTION CO., LLC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b> 0001	ROADWAY COMMON ITEMS						<b>LCC:</b>	
212-00703	Humate	15.000 LB	17.12000	256.80	20.00000	300.00	14.21000	213.15
212-00704	Mycorrhizae	4.000 LB	17.16000	68.64	20.00000	80.00	14.21000	56.84
212-00707	Seeding (Native) Hydraulic	0.200 ACRE	7,309.33000	1,461.87	8,450.00000	1,690.00	6,054.37000	1,210.87
213-00012	Spray-on Mulch Blanket	0.200 ACRE	13,728.83000	2,745.77	15,900.00000	3,180.00	11,371.68000	2,274.34
217-00000	Herbicide Treatment	1,940.000 SY	1.21000	2,347.40	1.50000	2,910.00	1.00000	1,940.00
240-00000	Wildlife Biologist	10.000 HOUR	148.73000	1,487.30	170.00000	1,700.00	353.26000	3,532.60
420-00102	Geotextile (Erosion Control) (Class 1)	24.000 SY	313.77000	7,530.48	14.00000	336.00	13.89000	333.36
506-00209	Riprap (9 Inch)	8.000 CY	247.53000	1,980.24	290.00000	2,320.00	451.11000	3,608.88
606-00302	Guardrail Type 3 (31 Inch Midwest Guardrail System)	81.000 LF	244.32000	19,789.92	290.00000	23,490.00	131.62000	10,661.22
606-00910	Guardrail Type 9 (Style CA)	86.000 LF	308.21000	26,506.06	370.00000	31,820.00	336.09000	28,903.74
606-01340	End Anchorage Type 3D	1.000 EACH	5,833.48000	5,833.48	13,400.00000	13,400.00	3,158.80000	3,158.80
609-24002	Gutter Type 2 (2 Foot)	20.000 LF	121.34000	2,426.80	290.00000	5,800.00	112.57000	2,251.40
613-01100	1 Inch Electrical Conduit (Plastic)	10.000 LF	138.56000	1,385.60	160.00000	1,600.00	114.77000	1,147.70
613-01200	2 Inch Electrical Conduit (Plastic)	3,020.000 LF	82.63000	249,542.60	35.00000	105,700.00	36.85000	111,287.00
613-07000	Pull Box (Special)	1.000 EACH	8,870.35000	8,870.35	10,500.00000	10,500.00	7,347.37000	7,347.37

## Tabulation of Bids

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Contract ID: C24321R-ALT

Item Code	Description	Quantity	(3) 1917 Native Sun Materials Inc		(4) 379A HARRISON WESTERN CONSTRUCTION CORP.		(5) 1415A RALPH L. WADSWORTH CONSTRUCTION CO., LLC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION: 0001 ROADWAY COMMON ITEMS</b>								
613-07003	Type Three Pull Box	4.000 EACH	4,020.77000	16,083.08	4,700.00000	18,800.00	3,330.43000	13,321.72
613-07023	Pull Box (24"x36"x24")	2.000 EACH	5,815.68000	11,631.36	6,800.00000	13,600.00	4,817.17000	9,634.34
613-10000	Wiring	1.000 L S	8,661.87000	8,661.87	10,100.00000	10,100.00	7,174.69000	7,174.69
613-13006	Luminaire (LED) (6,000 Lumens)	1.000 EACH	2,471.19000	2,471.19	2,900.00000	2,900.00	2,046.90000	2,046.90
613-32250	Light Standard Steel (25 Foot)	1.000 EACH	19,344.93000	19,344.93	22,750.00000	22,750.00	16,023.54000	16,023.54
620-00005	Field Office (Special)	1.000 EACH	37,091.79000	37,091.79	34,250.00000	34,250.00	58,964.28000	58,964.28
620-00012	Field Laboratory (Class 2)	1.000 EACH	51,502.85000	51,502.85	37,050.00000	37,050.00	31,588.01000	31,588.01
620-00020	Sanitary Facility	1.000 EACH	18,896.22000	18,896.22	13,450.00000	13,450.00	2,948.22000	2,948.22
625-00000	Construction Surveying	1.000 L S	91,455.58000	91,455.58	52,100.00000	52,100.00	50,000.00000	50,000.00
625-00001	Construction Surveying (Hourly)	10.000 HOUR	422.03000	4,220.30	340.00000	3,400.00	241.12000	2,411.20
626-00000	Mobilization	1.000 L S	634,161.75000	634,161.75	473,500.00000	473,500.00	1,400,000.	1,400,000.
							00000	00
626-01113	Public Information Management (Tier III)	181.000 DAY	127.12000	23,008.72	110.00000	19,910.00	84.24000	15,247.44
627-00008	Modified Epoxy Pavement Marking	12.000 GAL	1,525.43000	18,305.16	550.00000	6,600.00	452.99000	5,435.88
627-00013	Pavement Marking Paint (High Build)	13.000 GAL	1,080.51000	14,046.63	160.00000	2,080.00	271.79000	3,533.27
627-01001	Preformed Plastic Pavement Marking (Type I)	125.000 SF	120.76000	15,095.00	32.00000	4,000.00	54.36000	6,795.00

## Tabulation of Bids

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Contract ID: C24321R-ALT

Item Code	Description	Quantity	(3) 1917 Native Sun Materials Inc		(4) 379A HARRISON WESTERN CONSTRUCTION CORP.		(5) 1415A RALPH L. WADSWORTH CONSTRUCTION CO., LLC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION: 0001 ROADWAY COMMON ITEMS</b>								
630-00000	Flagging	1,440.000 HOUR	61.02000	87,868.80	71.00000	102,240.00	49.74000	71,625.60
630-00007	Traffic Control Inspection	107.000 DAY	603.81000	64,607.67	700.00000	74,900.00	347.03000	37,132.21
630-00012	Traffic Control Management	60.000 DAY	1,843.22000	110,593.20	2,150.00000	129,000.00	1,792.99000	107,579.40
630-80001	Flashing Beacon (Portable)	15.000 EACH	1,779.66000	26,694.90	2,050.00000	30,750.00	2,487.05000	37,305.75
630-80335	Barricade (Type 3 M-A) (Temporary)	10.000 EACH	572.03000	5,720.30	660.00000	6,600.00	462.71000	4,627.10
630-80341	Construction Traffic Sign (Panel Size A)	45.000 EACH	114.41000	5,148.45	130.00000	5,850.00	86.76000	3,904.20
630-80342	Construction Traffic Sign (Panel Size B)	19.000 EACH	127.12000	2,415.28	150.00000	2,850.00	347.03000	6,593.57
630-80343	Construction Traffic Sign (Panel Size C)	2.000 EACH	152.54000	305.08	180.00000	360.00	462.71000	925.42
630-80355	Portable Message Sign Panel	2.000 EACH	12,394.08000	24,788.16	14,400.00000	28,800.00	14,459.58000	28,919.16
630-80358	Advance Warning Flashing or Sequencing Arrow Panel (C Type)	2.000 EACH	4,131.36000	8,262.72	4,800.00000	9,600.00	3,470.30000	6,940.60
630-80360	Drum Channelizing Device	150.000 EACH	38.14000	5,721.00	44.00000	6,600.00	86.76000	13,014.00
630-80363	Drum Channelizing Device (With Light) (Flashing)	20.000 EACH	44.49000	889.80	52.00000	1,040.00	109.89000	2,197.80
630-80370	Barrier (Temporary)	940.000 LF	254.24000	238,985.60	97.00000	91,180.00	81.96000	77,042.40
630-80380	Traffic Cone	300.000 EACH	12.71000	3,813.00	15.00000	4,500.00	28.92000	8,676.00
630-80393	Stackable Vertical Panels	100.000 EACH	44.49000	4,449.00	52.00000	5,200.00	52.05000	5,205.00

## Tabulation of Bids

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Contract ID: C24321R-ALT

## Tabulation of Bids

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Contract ID: C24321R-ALT

			(3) 1917 Native Sun Materials Inc		(4) 379A HARRISON WESTERN CONSTRUCTION CORP.		(5) 1415A RALPH L. WADSWORTH CONSTRUCTION CO., LLC	
Item Code	Description	Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b> 0002	CAST-IN-PLACE WALL ITEMS						LCC:	
202-00160	Removal of Wall	6,330.000	SF					
206-00000	Structure Excavation	2,973.000	CY					
206-00100	Structure Backfill (Class 1)	1,473.000	CY					
206-00200	Structure Backfill (Class 2)	225.000	CY					
304-06000	Aggregate Base Course (Class 6)	161.000	TON					
403-00720	Hot Mix Asphalt (Patching) (Asphalt)	201.000	TON					
601-03050	Concrete Class D (Wall)	503.000	CY					
601-40400	Structural Concrete Stain	730.000	SY					
602-00020	Reinforcing Steel (Epoxy Coated)	62,793.000	LB					
606-01401	Transition Type BR10B-GR9	1.000	EACH					
606-11035	Bridge Rail Type 10 MASH	626.000	LF					
641-10010	Initial Shotcrete Facing	6,695.000	SF					
<b>Section Totals:</b>								

## Tabulation of Bids

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Contract ID: C24321R-ALT

Item Code	Description	Quantity	(3) 1917 Native Sun Materials Inc		(4) 379A HARRISON WESTERN CONSTRUCTION CORP.		(5) 1415A RALPH L. WADSWORTH CONSTRUCTION CO., LLC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b> 0003 MSE WALL ITEMS							<b>LCC:</b>	
202-00160 Removal of Wall		6,330.000 SF	7.18000 45,449.40		17.50000 110,775.00		16.77000 106,154.10	
206-00000 Structure Excavation		3,040.000 CY	21.12000 64,204.80		58.00000 176,320.00		116.93000 355,467.20	
206-00100 Structure Backfill (Class 1)		2,585.000 CY	78.19000 202,121.15		121.00000 312,785.00		144.01000 372,265.85	
206-00200 Structure Backfill (Class 2)		180.000 CY	78.19000 14,074.20		100.00000 18,000.00		104.17000 18,750.60	
206-00360 Mechanical Reinforcement of Soil		2,355.000 CY	80.08000 188,588.40		120.00000 282,600.00		51.44000 121,141.20	
403-00720 Hot Mix Asphalt (Patching) (Asphalt)		10.000 TON	343.22000 3,432.20		3,320.00000 33,200.00		2,316.45000 23,164.50	
420-00000 Geomembrane		723.000 SY	12.71000 9,189.33		25.00000 18,075.00		12.28000 8,878.44	
504-04420 Precast Panel Facing		7,130.000 SF	80.08000 570,970.40		52.00000 370,760.00		62.15000 443,129.50	
601-03050 Concrete Class D (Wall)		276.000 CY	1,473.42000 406,663.92		2,150.00000 593,400.00		1,067.58000 294,652.08	
601-40400 Structural Concrete Stain		900.000 SY	50.85000 45,765.00		29.00000 26,100.00		17.53000 15,777.00	
602-00000 Reinforcing Steel		1,100.000 LB	1.88000 2,068.00		2.50000 2,750.00		1.69000 1,859.00	
602-00020 Reinforcing Steel (Epoxy Coated)		28,430.000 LB	1.88000 53,448.40		2.50000 71,075.00		1.69000 48,046.70	
606-01401 Transition Type BR10B-GR9		1.000 EACH	1,586.44000 1,586.44		12,250.00000 12,250.00		15,256.06000 15,256.06	
606-11035 Bridge Rail Type 10 MASH		626.000 LF	348.64000 218,248.64		575.00000 359,950.00		427.06000 267,339.56	
641-10010 Initial Shotcrete Facing		6,695.000 SF	50.85000 340,440.75		69.00000 461,955.00		35.80000 239,681.00	

**Tabulation of Bids**

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Contract ID: C24321R-ALT

Item Code	Description	Quantity	(3) 1917 Native Sun Materials Inc	(4) 379A HARRISON WESTERN CONSTRUCTION CORP.	(5) 1415A RALPH L. WADSWORTH CONSTRUCTION CO., LLC			
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>Section Totals:</b>			\$2,166,251.03		\$2,849,995.00		\$2,331,562.79	
<b>Contract Grand Totals</b>			<b>\$4,411,916.04</b>		<b>\$4,662,296.00</b>		<b>\$4,842,638.49</b>	

## Tabulation of Bids

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Contract ID: C24321R-ALT

Item Code	Description	Quantity	(6) 1816 Myers & Sons Construction, LLC		(7) 801A ZAK DIRT, INC.		Unit Price	Amount
			Unit Price	Amount	Unit Price	Amount		
<b>SECTION: 0001 ROADWAY COMMON ITEMS</b>								
201-00000	Clearing and Grubbing	1.000 L S	75,000.00000	75,000.00	45,000.00000	45,000.00		
202-00047	Removal of Electrical Equipment	1.000 L S	20,494.00000	20,494.00	35,000.00000	35,000.00		
202-00220	Removal of Asphalt Mat	258.000 SY	39.00000	10,062.00	90.00000	23,220.00		
202-00250	Removal of Pavement Marking	283.000 SF	5.00000	1,415.00	15.00000	4,245.00		
202-00700	Removal of Light Standard	1.000 EACH	6,684.00000	6,684.00	15,000.00000	15,000.00		
202-00827	Removal of Pull Box	2.000 EACH	638.00000	1,276.00	1,500.00000	3,000.00		
202-01130	Removal of Guardrail Type 3	732.000 LF	22.55000	16,506.60	30.00000	21,960.00		
202-01300	Removal of End Anchorage	1.000 EACH	364.00000	364.00	3,500.00000	3,500.00		
203-01500	Blading	20.000 HOUR	250.00000	5,000.00	215.00000	4,300.00		
203-01550	Dozing	20.000 HOUR	175.00000	3,500.00	205.00000	4,100.00		
203-01582	Truck (Dump)	24.000 HOUR	150.00000	3,600.00	215.00000	5,160.00		
203-01590	Front End Loader (Rubber Tire)	10.000 HOUR	150.00000	1,500.00	180.00000	1,800.00		
203-01597	Potholing	10.000 HOUR	250.00000	2,500.00	400.00000	4,000.00		
203-02330	Laborer	40.000 HOUR	50.00000	2,000.00	69.30000	2,772.00		
207-00700	Topsoil (Onsite)	110.000 CY	200.00000	22,000.00	235.00000	25,850.00		
208-00002	Erosion Log Type 1 (12 Inch)	860.000 LF	15.00000	12,900.00	20.00000	17,200.00		

## Tabulation of Bids

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Contract ID: C24321R-ALT

Item Code	Description	Quantity	(6) 1816 Myers & Sons Construction, LLC		(7) 801A ZAK DIRT, INC.		Unit Price	Amount
			Unit Price	Amount	Unit Price	Amount		
<b>SECTION: 0001 ROADWAY COMMON ITEMS</b>								
208-00035	Aggregate Bag	100.000 LF	13.00000	1,300.00	47.00000	4,700.00		
208-00046	Pre-fabricated Concrete Washout Structure (Type 1)	1.000 EACH	20,000.00000	20,000.00	12,000.00000	12,000.00		
208-00075	Pre-fabricated Vehicle Tracking Pad	1.000 EACH	15,000.00000	15,000.00	7,000.00000	7,000.00		
208-00103	Removal and Disposal of Sediment (Labor)	10.000 HOUR	100.00000	1,000.00	69.30000	693.00		
208-00105	Removal and Disposal of Sediment (Equipment)	10.000 HOUR	100.00000	1,000.00	180.00000	1,800.00		
208-00106	Sweeping (Sediment Removal)	10.000 HOUR	200.00000	2,000.00	315.00000	3,150.00		
208-00107	Removal of Trash	10.000 HOUR	100.00000	1,000.00	69.30000	693.00		
210-00473	Reset TV Cameras	1.000 EACH	3,726.00000	3,726.00	5,900.00000	5,900.00		
210-00475	Reset Closed Circuit Television Pole	1.000 EACH	23,483.00000	23,483.00	37,000.00000	37,000.00		
210-00481	Reset Dedicated Short Range Communications(DSRC) (Roadside Unit)	1.000 EACH	2,591.00000	2,591.00	4,100.00000	4,100.00		
210-00861	Reset Wiring	1.000 L S	9,781.00000	9,781.00	15,400.00000	15,400.00		
212-00700	Organic Fertilizer	160.000 LB	2.78000	444.80	3.20000	512.00		
212-00702	Biotic Soil Amendments (Hydraulically Applied)	700.000 LB	2.31000	1,617.00	4.70000	3,290.00		
212-00703	Humate	15.000 LB	13.50000	202.50	3.20000	48.00		
212-00704	Mycorrhizae	4.000 LB	13.50000	54.00	47.00000	188.00		

## Tabulation of Bids

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Contract ID: C24321R-ALT

Item Code	Description	Quantity	(6) 1816 Myers & Sons Construction, LLC		(7) 801A ZAK DIRT, INC.		Unit Price	Amount
			Unit Price	Amount	Unit Price	Amount		
<b>SECTION: 0001 ROADWAY COMMON ITEMS</b>								
212-00707	Seeding (Native) Hydraulic	0.200 ACRE	5,750.00000	1,150.00	3,940.00000	788.00		
213-00012	Spray-on Mulch Blanket	0.200 ACRE	10,800.00000	2,160.00	7,870.00000	1,574.00		
217-00000	Herbicide Treatment	1,940.000 SY	0.95000	1,843.00	4.00000	7,760.00		
240-00000	Wildlife Biologist	10.000 HOUR	117.00000	1,170.00	225.00000	2,250.00		
420-00102	Geotextile (Erosion Control) (Class 1)	24.000 SY	5.00000	120.00	40.00000	960.00		
506-00209	Riprap (9 Inch)	8.000 CY	1,000.00000	8,000.00	275.00000	2,200.00		
606-00302	Guardrail Type 3 (31 Inch Midwest Guardrail System)	81.000 LF	192.20000	15,568.20	250.00000	20,250.00		
606-00910	Guardrail Type 9 (Style CA)	86.000 LF	200.00000	17,200.00	440.00000	37,840.00		
606-01340	End Anchorage Type 3D	1.000 EACH	4,589.00000	4,589.00	11,600.00000	11,600.00		
609-24002	Gutter Type 2 (2 Foot)	20.000 LF	50.00000	1,000.00	175.00000	3,500.00		
613-01100	1 Inch Electrical Conduit (Plastic)	10.000 LF	109.00000	1,090.00	160.00000	1,600.00		
613-01200	2 Inch Electrical Conduit (Plastic)	3,020.000 LF	35.00000	105,700.00	56.00000	169,120.00		
613-07000	Pull Box (Special)	1.000 EACH	6,978.00000	6,978.00	9,500.00000	9,500.00		
613-07003	Type Three Pull Box	4.000 EACH	3,163.00000	12,652.00	4,500.00000	18,000.00		
613-07023	Pull Box (24"x36"x24")	2.000 EACH	4,575.00000	9,150.00	6,500.00000	13,000.00		

## Tabulation of Bids

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Contract ID: C24321R-ALT

Item Code	Description	Quantity	(6) 1816 Myers & Sons Construction, LLC		(7) 801A ZAK DIRT, INC.		Unit Price	Amount
			Unit Price	Amount	Unit Price	Amount		
<b>SECTION:</b> 0001	ROADWAY COMMON ITEMS						<b>LCC:</b>	
613-10000	Wiring	1.000 L S	6,814.00000	6,814.00	15,000.00000	15,000.00		
613-13006	Luminaire (LED) (6,000 Lumens)	1.000 EACH	1,944.00000	1,944.00	3,500.00000	3,500.00		
613-32250	Light Standard Steel (25 Foot)	1.000 EACH	15,218.00000	15,218.00	25,000.00000	25,000.00		
620-00005	Field Office (Special)	1.000 EACH	30,000.00000	30,000.00	95,000.00000	95,000.00		
620-00012	Field Laboratory (Class 2)	1.000 EACH	45,000.00000	45,000.00	65,000.00000	65,000.00		
620-00020	Sanitary Facility	1.000 EACH	10,000.00000	10,000.00	15,000.00000	15,000.00		
625-00000	Construction Surveying	1.000 L S	17,000.00000	17,000.00	65,000.00000	65,000.00		
625-00001	Construction Surveying (Hourly)	10.000 HOUR	200.00000	2,000.00	300.00000	3,000.00		
626-00000	Mobilization	1.000 L S	495,000.00000	495,000.00	495,000.00000	495,000.00		
626-01113	Public Information Management (Tier III)	181.000 DAY	59.00000	10,679.00	110.00000	19,910.00		
627-00008	Modified Epoxy Pavement Marking	12.000 GAL	500.00000	6,000.00	600.00000	7,200.00		
627-00013	Pavement Marking Paint (High Build)	13.000 GAL	75.00000	975.00	300.00000	3,900.00		
627-01001	Preformed Plastic Pavement Marking (Type I)	125.000 SF	25.00000	3,125.00	35.00000	4,375.00		
630-00000	Flagging	1,440.000 HOUR	48.00000	69,120.00	48.00000	69,120.00		
630-00007	Traffic Control Inspection	107.000 DAY	475.00000	50,825.00	380.00000	40,660.00		

## Tabulation of Bids

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Contract ID: C24321R-ALT

Item Code	Description	Quantity	(6) 1816 Myers & Sons Construction, LLC		(7) 801A ZAK DIRT, INC.		Unit Price	Amount
			Unit Price	Amount	Unit Price	Amount		
<b>SECTION: 0001 ROADWAY COMMON ITEMS</b>								
630-00012	Traffic Control Management	60.000 DAY	1,450.00000	87,000.00	1,850.00000	111,000.00		
630-80001	Flashing Beacon (Portable)	15.000 EACH	1,400.00000	21,000.00	2,200.00000	33,000.00		
630-80335	Barricade (Type 3 M-A) (Temporary)	10.000 EACH	450.00000	4,500.00	450.00000	4,500.00		
630-80341	Construction Traffic Sign (Panel Size A)	45.000 EACH	90.00000	4,050.00	140.00000	6,300.00		
630-80342	Construction Traffic Sign (Panel Size B)	19.000 EACH	100.00000	1,900.00	550.00000	10,450.00		
630-80343	Construction Traffic Sign (Panel Size C)	2.000 EACH	120.00000	240.00	750.00000	1,500.00		
630-80355	Portable Message Sign Panel	2.000 EACH	9,750.00000	19,500.00	25,000.00000	50,000.00		
630-80358	Advance Warning Flashing or Sequencing Arrow Panel (C Type)	2.000 EACH	3,250.00000	6,500.00	3,000.00000	6,000.00		
630-80360	Drum Channelizing Device	150.000 EACH	30.00000	4,500.00	85.00000	12,750.00		
630-80363	Drum Channelizing Device (With Light) (Flashing)	20.000 EACH	35.00000	700.00	105.00000	2,100.00		
630-80370	Barrier (Temporary)	940.000 LF	25.00000	23,500.00	90.00000	84,600.00		
630-80380	Traffic Cone	300.000 EACH	10.00000	3,000.00	32.00000	9,600.00		
630-80393	Stackable Vertical Panels	100.000 EACH	35.00000	3,500.00	45.00000	4,500.00		
630-85010	Impact Attenuator (Temporary)	1.000 EACH	10,250.00000	10,250.00	16,000.00000	16,000.00		
630-85040	Impact Attenuator (Truck Mounted Attenuator) (Temporary)	1.000 EACH	85,000.00000	85,000.00	65,000.00000	65,000.00		

## Tabulation of Bids

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Contract ID: C24321R-ALT

## **Tabulation of Bids**

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Contract ID: C24321R-ALT

				(6) 1816 Myers & Sons Construction, LLC		(7) 801A ZAK DIRT, INC.			
Item Code	Description	Quantity		Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0002	CAST-IN-PLACE WALL ITEMS				LCC:			
202-00160	Removal of Wall	6,330.000	SF	25.000000	158,250.00	45.000000	284,850.00		
206-00000	Structure Excavation	2,973.000	CY	365.000000	1,085,145.00	130.000000	386,490.00		
206-00100	Structure Backfill (Class 1)	1,473.000	CY	350.000000	515,550.00	220.000000	324,060.00		
206-00200	Structure Backfill (Class 2)	225.000	CY	105.000000	23,625.00	215.000000	48,375.00		
304-06000	Aggregate Base Course (Class 6)	161.000	TON	285.000000	45,885.00	110.000000	17,710.00		
403-00720	Hot Mix Asphalt (Patching) (Asphalt)	201.000	TON	500.000000	100,500.00	550.000000	110,550.00		
601-03050	Concrete Class D (Wall)	503.000	CY	1,740.000000	875,220.00	2,505.000000	1,260,015.00		
601-40400	Structural Concrete Stain	730.000	SY	15.000000	10,950.00	40.000000	29,200.00		
602-00020	Reinforcing Steel (Epoxy Coated)	62,793.000	LB	2.750000	172,680.75	2.500000	156,982.50		
606-01401	Transition Type BR10B-GR9	1.000	EACH	1,250.000000	1,250.00	10,050.000000	10,050.00		
606-11035	Bridge Rail Type 10 MASH	626.000	LF	250.000000	156,500.00	400.000000	250,400.00		
641-10010	Initial Shotcrete Facing	6,695.000	SF	40.000000	267,800.00	75.000000	502,125.00		
<b>Section Totals:</b>				\$3,413,355.75		\$3,380,807.50			

## Tabulation of Bids

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Contract ID: C24321R-ALT

Item Code	Description	Quantity	(6) 1816 Myers & Sons Construction, LLC		(7) 801A ZAK DIRT, INC.			
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b> 0003 MSE WALL ITEMS							LCC:	
202-00160 Removal of Wall		6,330.000 SF						
206-00000 Structure Excavation		3,040.000 CY						
206-00100 Structure Backfill (Class 1)		2,585.000 CY						
206-00200 Structure Backfill (Class 2)		180.000 CY						
206-00360 Mechanical Reinforcement of Soil		2,355.000 CY						
403-00720 Hot Mix Asphalt (Patching) (Asphalt)		10.000 TON						
420-00000 Geomembrane		723.000 SY						
504-04420 Precast Panel Facing		7,130.000 SF						
601-03050 Concrete Class D (Wall)		276.000 CY						
601-40400 Structural Concrete Stain		900.000 SY						
602-00000 Reinforcing Steel		1,100.000 LB						
602-00020 Reinforcing Steel (Epoxy Coated)		28,430.000 LB						
606-01401 Transition Type BR10B-GR9		1.000 EACH						
606-11035 Bridge Rail Type 10 MASH		626.000 LF						
641-10010 Initial Shotcrete Facing		6,695.000 SF						

**Tabulation of Bids**

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Contract ID: C24321R-ALT

Item Code	Description	Quantity	(6) 1816 Myers & Sons Construction, LLC		(7) 801A ZAK DIRT, INC.				
			Unit Price	Amount	Unit Price	Amount			
<b>Section Totals:</b>									
<b>Contract Grand Totals</b>			\$4,958,566.85		\$5,392,295.50				

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## Low Bid Item Analysis

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Contract ID: C24321R-ALT

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION:</b>	0001		ROADWAY COMMON ITEMS					
0005	201-00000	1.000	50,000.00000	75,000.00000	50,000.00	75,000.00	150.00%	25,000.00
	Clearing and Grubbing			L S				
0010	202-00047	1.000	20,000.00000	35,000.00000	20,000.00	35,000.00	175.00%	15,000.00
	Removal of Electrical Equipment			L S				
0015	202-00220	258.000	60.00000	80.00000	15,480.00	20,640.00	133.33%	5,160.00
	Removal of Asphalt Mat			SY				
0020	202-00250	283.000	20.00000	17.00000	5,660.00	4,811.00	85.00%	-849.00
	Removal of Pavement Marking			SF				
0025	202-00700	1.000	8,000.00000	15,000.00000	8,000.00	15,000.00	187.50%	7,000.00
	Removal of Light Standard			EACH				
0030	202-00827	2.000	750.00000	1,500.00000	1,500.00	3,000.00	200.00%	1,500.00
	Removal of Pull Box			EACH				
0035	202-01130	732.000	10.00000	35.00000	7,320.00	25,620.00	350.00%	18,300.00
	Removal of Guardrail Type 3			LF				
0040	202-01300	1.000	500.00000	600.00000	500.00	600.00	120.00%	100.00
	Removal of End Anchorage			EACH				
0045	203-01500	20.000	300.00000	200.00000	6,000.00	4,000.00	66.67%	-2,000.00
	Blading			HOUR				
0050	203-01550	20.000	300.00000	200.00000	6,000.00	4,000.00	66.67%	-2,000.00
	Dozing			HOUR				
0055	203-01582	24.000	200.00000	135.00000	4,800.00	3,240.00	67.50%	-1,560.00
	Truck (Dump)			HOUR				
0060	203-01590	10.000	150.00000	186.00000	1,500.00	1,860.00	124.00%	360.00
	Front End Loader (Rubber Tire)			HOUR				

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## Low Bid Item Analysis

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Contract ID: C24321R-ALT

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION:</b> 0001 ROADWAY COMMON ITEMS								
0065	203-01597 Potholing	10.000	500.00000	400.00000 HOUR	5,000.00	4,000.00	80.00%	-1,000.00
0070	203-02330 Laborer	40.000	50.00000	65.00000 HOUR	2,000.00	2,600.00	130.00%	600.00
0075	207-00700 Topsoil (Onsite)	110.000	90.00000	150.00000 CY	9,900.00	16,500.00	166.67%	6,600.00
0080	208-00002 Erosion Log Type 1 (12 Inch)	860.000	7.00000	10.00000 LF	6,020.00	8,600.00	142.86%	2,580.00
0085	208-00035 Aggregate Bag	100.000	15.00000	15.00000 LF	1,500.00	1,500.00	100.00%	0.00
0090	208-00046 Pre-fabricated Concrete Washout Structure (Type 1)	1.000	3,000.00000	5,000.00000 EACH	3,000.00	5,000.00	166.67%	2,000.00
0095	208-00075 Pre-fabricated Vehicle Tracking Pad	1.000	5,000.00000	5,000.00000 EACH	5,000.00	5,000.00	100.00%	0.00
0100	208-00103 Removal and Disposal of Sediment (Labor)	10.000	100.00000	130.00000 HOUR	1,000.00	1,300.00	130.00%	300.00
0105	208-00105 Removal and Disposal of Sediment (Equipment)	10.000	200.00000	138.00000 HOUR	2,000.00	1,380.00	69.00%	-620.00
0110	208-00106 Sweeping (Sediment Removal)	10.000	270.00000	138.00000 HOUR	2,700.00	1,380.00	51.11%	-1,320.00
0115	208-00107 Removal of Trash	10.000	90.00000	129.00000 HOUR	900.00	1,290.00	143.33%	390.00
0120	210-00473 Reset TV Cameras	1.000	5,000.00000	10,000.00000 EACH	5,000.00	10,000.00	200.00%	5,000.00

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Contract ID: C24321R-ALT

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION:</b>	0001	ROADWAY COMMON ITEMS						
0125	210-00475	1.000	30,000.00000	30,000.00000 EACH	30,000.00	30,000.00	100.00%	0.00
0130	Reset Closed Circuit Television Pole							
0130	210-00481	1.000	3,000.00000	10,000.00000 EACH	3,000.00	10,000.00	333.33%	7,000.00
0135	Reset Dedicated Short Range Communications(DSRC) (Roadside Unit)							
0135	210-00861	1.000	15,000.00000	25,000.00000 L S	15,000.00	25,000.00	166.67%	10,000.00
0140	Reset Wiring							
0140	212-00700	160.000	6.00000	5.00000 LB	960.00	800.00	83.33%	-160.00
0145	Organic Fertilizer							
0145	212-00702	700.000	3.00000	7.00000 LB	2,100.00	4,900.00	233.33%	2,800.00
0150	Biotic Soil Amendments (Hydraulically Applied)							
0150	212-00703	15.000	30.00000	5.00000 LB	450.00	75.00	16.67%	-375.00
0155	Humate							
0155	212-00704	4.000	60.00000	15.00000 LB	240.00	60.00	25.00%	-180.00
0160	Mycorrhizae							
0160	212-00707	0.200	12,000.00000	15,000.00000 ACRE	2,400.00	3,000.00	125.00%	600.00
0165	Seeding (Native) Hydraulic							
0165	213-00012	0.200	10,000.00000	20,000.00000 ACRE	2,000.00	4,000.00	200.00%	2,000.00
0170	Spray-on Mulch Blanket							
0170	217-00000	1,940.000	2.30000	0.38000 SY	4,462.00	737.20	16.52%	-3,724.80
0175	Herbicide Treatment							
0175	240-00000	10.000	170.00000	225.00000 HOUR	1,700.00	2,250.00	132.35%	550.00
0180	Wildlife Biologist							
0180	420-00102	24.000	20.00000	35.00000 SY	480.00	840.00	175.00%	360.00
	Geotextile (Erosion Control) (Class 1)							

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Contract ID: C24321R-ALT

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION:</b> 0001 ROADWAY COMMON ITEMS								
0185	506-00209 Riprap (9 Inch)	8.000	500.00000	500.00000 CY	4,000.00	4,000.00	100.00%	0.00
0190	606-00302 Guardrail Type 3 (31 Inch Midwest Guardrail System)	81.000	110.00000	275.00000 LF	8,910.00	22,275.00	250.00%	13,365.00
0195	606-00910 Guardrail Type 9 (Style CA)	86.000	400.00000	400.00000 LF	34,400.00	34,400.00	100.00%	0.00
0200	606-01340 End Anchorage Type 3D	1.000	3,000.00000	7,000.00000 EACH	3,000.00	7,000.00	233.33%	4,000.00
0205	609-24002 Gutter Type 2 (2 Foot)	20.000	120.00000	300.00000 LF	2,400.00	6,000.00	250.00%	3,600.00
0210	613-01100 1 Inch Electrical Conduit (Plastic)	10.000	130.00000	125.00000 LF	1,300.00	1,250.00	96.15%	-50.00
0215	613-01200 2 Inch Electrical Conduit (Plastic)	3,020.000	80.00000	92.00000 LF	241,600.00	277,840.00	115.00%	36,240.00
0220	613-07000 Pull Box (Special)	1.000	8,000.00000	12,000.00000 EACH	8,000.00	12,000.00	150.00%	4,000.00
0225	613-07003 Type Three Pull Box	4.000	6,000.00000	5,000.00000 EACH	24,000.00	20,000.00	83.33%	-4,000.00
0230	613-07023 Pull Box (24"x36"x24")	2.000	6,000.00000	7,000.00000 EACH	12,000.00	14,000.00	116.67%	2,000.00
0235	613-10000 Wiring	1.000	100,000.00000	15,000.00000 L S	100,000.00	15,000.00	15.00%	-85,000.00
0240	613-13006 Luminaire (LED) (6,000 Lumens)	1.000	2,000.00000	3,000.00000 EACH	2,000.00	3,000.00	150.00%	1,000.00

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Contract ID: C24321R-ALT

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION:</b> 0001 ROADWAY COMMON ITEMS								
0245	613-32250	1.000	8,000.00000	20,000.00000 EACH	8,000.00	20,000.00	250.00%	12,000.00
0250	Light Standard Steel (25 Foot) 620-00005	1.000	80,000.00000	32,000.00000 EACH	80,000.00	32,000.00	40.00%	-48,000.00
0255	Field Office (Special) 620-00012	1.000	35,000.00000	32,000.00000 EACH	35,000.00	32,000.00	91.43%	-3,000.00
0260	Field Laboratory (Class 2) 620-00020	1.000	4,000.00000	6,000.00000 EACH	4,000.00	6,000.00	150.00%	2,000.00
0265	Sanitary Facility 625-00000	1.000	100,000.00000	60,000.00000 L S	100,000.00	60,000.00	60.00%	-40,000.00
0270	Construction Surveying 625-00001	10.000	300.00000	230.00000 HOUR	3,000.00	2,300.00	76.67%	-700.00
0275	Construction Surveying (Hourly) 626-00000	1.000	1,100,000.00000	420,000.00000 L S	1,100,000.00	420,000.00	38.18%	-680,000.00
0280	Mobilization 626-01113	181.000	90.00000	80.00000 DAY	16,290.00	14,480.00	88.89%	-1,810.00
0285	Public Information Management (Tier III) 627-00008	12.000	1,400.00000	1,300.00000 GAL	16,800.00	15,600.00	92.86%	-1,200.00
0290	Modified Epoxy Pavement Marking 627-00013	13.000	1,000.00000	900.00000 GAL	13,000.00	11,700.00	90.00%	-1,300.00
0295	Pavement Marking Paint (High Build) 627-01001	125.000	100.00000	100.00000 SF	12,500.00	12,500.00	100.00%	0.00
0300	Preformed Plastic Pavement Marking (Type I) Flagging	1,440.000	45.00000	43.00000 HOUR	64,800.00	61,920.00	95.56%	-2,880.00

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Contract ID: C24321R-ALT

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION:</b> 0001 ROADWAY COMMON ITEMS								
0305	630-00007	107.000	500.00000	300.00000 DAY	53,500.00	32,100.00	60.00%	-21,400.00
0310	Traffic Control Inspection							
0310	630-00012	60.000	2,000.00000	1,550.00000 DAY	120,000.00	93,000.00	77.50%	-27,000.00
0315	Traffic Control Management							
0315	630-80001	15.000	1,600.00000	2,150.00000 EACH	24,000.00	32,250.00	134.38%	8,250.00
0320	Flashing Beacon (Portable)							
0320	630-80335	10.000	450.00000	400.00000 EACH	4,500.00	4,000.00	88.89%	-500.00
0325	Barricade (Type 3 M-A) (Temporary)							
0325	630-80341	45.000	90.00000	75.00000 EACH	4,050.00	3,375.00	83.33%	-675.00
0330	Construction Traffic Sign (Panel Size A)							
0330	630-80342	19.000	100.00000	300.00000 EACH	1,900.00	5,700.00	300.00%	3,800.00
0335	Construction Traffic Sign (Panel Size B)							
0335	630-80343	2.000	130.00000	440.00000 EACH	260.00	880.00	338.46%	620.00
0340	Construction Traffic Sign (Panel Size C)							
0340	630-80355	2.000	11,000.00000	12,500.00000 EACH	22,000.00	25,000.00	113.64%	3,000.00
0345	Portable Message Sign Panel							
0345	630-80358	2.000	3,000.00000	3,000.00000 EACH	6,000.00	6,000.00	100.00%	0.00
0350	Advance Warning Flashing or Sequencing Arrow							
0350	630-80360	150.000	40.00000	75.00000 EACH	6,000.00	11,250.00	187.50%	5,250.00
0355	Panel (C Type)							
0355	Drum Channelizing Device							
0355	630-80363	20.000	40.00000	95.00000 EACH	800.00	1,900.00	237.50%	1,100.00
	Drum Channelizing Device (With Light)							
	(Flashing)							

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Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION: 0001 ROADWAY COMMON ITEMS</b>								
0360	630-80370 Barrier (Temporary)	940.000	75.00000	105.00000 LF	70,500.00	98,700.00	140.00%	28,200.00
0365	630-80380 Traffic Cone	300.000	12.00000	25.00000 EACH	3,600.00	7,500.00	208.33%	3,900.00
0370	630-80393 Stackable Vertical Panels	100.000	30.00000	45.00000 EACH	3,000.00	4,500.00	150.00%	1,500.00
0375	630-85010 Impact Attenuator (Temporary)	1.000	10,000.00000	15,000.00000 EACH	10,000.00	15,000.00	150.00%	5,000.00
0380	630-85040 Impact Attenuator (Truck Mounted Attenuator) (Temporary)	1.000	20,000.00000	50,000.00000 EACH	20,000.00	50,000.00	250.00%	30,000.00
0385	632-00000 Night Work Lighting	1.000	10,000.00000	15,000.00000 L S	10,000.00	15,000.00	150.00%	5,000.00
<b>Section 0001 Subtotal</b>						\$2,488,682.00	\$1,844,403.20	74.11% -\$644,278.80
<b>SECTION: 0002 CAST-IN-PLACE WALL ITEMS</b>								
<b>Section 0002 Subtotal</b>								
<b>SECTION: 0003 MSE WALL ITEMS</b>								
0450	202-00160 Removal of Wall	6,330.000	20.00000	20.00000 SF	126,600.00	126,600.00	100.00%	0.00
0455	206-00000 Structure Excavation	3,040.000	130.00000	31.00000 CY	395,200.00	94,240.00	23.85%	-300,960.00

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Contract ID: C24321R-ALT

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION:</b> 0003 MSE WALL ITEMS								
0460	206-00100	2,585.000	150.00000	130.00000 CY	387,750.00	336,050.00	86.67%	-51,700.00
0465	206-00200	180.000	50.00000	115.00000 CY	9,000.00	20,700.00	230.00%	11,700.00
0470	206-00360	2,355.000	55.00000	15.00000 CY	129,525.00	35,325.00	27.27%	-94,200.00
0475	403-00720	10.000	2,000.00000	3,000.00000 TON	20,000.00	30,000.00	150.00%	10,000.00
0480	420-00000	723.000	25.00000	36.00000 SY	18,075.00	26,028.00	144.00%	7,953.00
0485	504-04420	7,130.000	80.00000	73.00000 SF	570,400.00	520,490.00	91.25%	-49,910.00
0490	601-03050	276.000	1,200.00000	1,440.00000 CY	331,200.00	397,440.00	120.00%	66,240.00
0495	601-40400	900.000	40.00000	45.00000 SY	36,000.00	40,500.00	112.50%	4,500.00
0500	602-00000	1,100.000	2.00000	1.62000 LB	2,200.00	1,782.00	81.00%	-418.00
0505	602-00020	28,430.000	2.00000	1.72000 LB	56,860.00	48,899.60	86.00%	-7,960.40
0510	606-01401	1.000	15,000.00000	8,250.00000 EACH	15,000.00	8,250.00	55.00%	-6,750.00
0515	606-11035	626.000	500.00000	379.00000 LF	313,000.00	237,254.00	75.80%	-75,746.00

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Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION:</b>	0003	MSE WALL ITEMS						
0520	641-10010	6,695.000	40.00000	39.00000	267,800.00	261,105.00	97.50%	-6,695.00
		Initial Shotcrete Facing		SF				
<b>Section 0003 Subtotal</b>					\$2,678,610.00	\$2,184,663.60	81.56%	-\$493,946.40
<b>Contract Total for Calculated Low Bidders Bid Items</b>					<b>\$5,167,292.00</b>	<b>\$4,029,066.80</b>	<b>77.97%</b>	<b>-\$1,138,225.20</b>