



COLORADO
Department of Transportation
Office of the Chief Engineer

TO: SHOSHANA M. LEW, EXECUTIVE DIRECTOR
FROM: MARKOS ATAMO, PE, CES BRANCH MANAGER
CC: STEPHEN HARELSON, PE, CHIEF ENGINEER SH
STEPHEN BOKROS, PE, CES UNIT MANAGER SB
DATE: 12/10/2021
SUBJECT: AWARD TO LOW RESPONSIVE BIDDER C.R.S. 43-1-113 (16)
PROJECT: PROJECT NHPP 0821-111 (23134) REGION 3 SH 82 AABC TO ASPEN

Pursuant to C.R.S. 43-1-113(16), it has been determined that it is in the best financial and economic interest of the State to award Region 3's Project NHPP 0821-111 (23134) to the low bidder Oldcastle SW Group, Inc.

Project Description: This Region 3 project located in Pitkin County for SH 82 resurfacing and roundabout improvements at Maroon Creek. The project was solicited under a design bid build (low bid) project delivery method where two bids were received with Oldcastle SW Group, Inc. (Oldcastle) being the lowest responsive bidder.

Financial Impact: Oldcastle SW Group, low bid proposal totaled \$8,716,110.25 compared to the CDOT engineer's estimate of \$6,840,598.50. The project risks rejection by Statute since there were less than three bids received and the low bidder's proposal was 127.42% of the engineer's estimate. Region 3 has verified they have funding available for the award of the project to Oldcastle.

Cost Analysis: An analysis of the bid schedule revealed that the bid line items identified below resulted in the overall bid from Oldcastle being more than 10% over CDOT's engineer's estimate for the project.

Bid Item Description	QTY	Unit	Unit Price Eng. Est. & Low Bid		Total Cost Difference	% Over Eng. Estimate
HMA (Grading SX) (100)	12,583	TON	\$1,006,640.00	\$1,635,790.00	\$629,150.00	9%
Concrete Pavement (10-Inch)	4,838	SY	\$725,700.00	\$1,185,310.00	\$459,610.00	7%
Mobilization	1	LS	\$690,000.00	\$948,000.00	\$258,000.00	4%

The overall engineer's estimate for the bid was based on historical data from similar projects with comparable quantities. HMA (Grading SX) (100) item price was affected by the smaller quantity size in a remote location which did not justify a portable plant normally used by contractors to reduce costs and the of lack of available trucking in the Pitkin County area causing production rates to be low. Concrete Pavement (10-inch) price was affected by the limited interest from the sub-contracting community with skilled labor resulting in higher costs for this work. For the mobilization item the price was affected by multiple worksite locations, phasing of work, and the restricted working hours.

The project will improve needed roadway safety in Region 3. It is imperative that this project be awarded as soon as possible. Re-advertisement would risk delaying these important improvements.

Based on the cost analysis, CES and Region 3 consider Oldcastle's overall proposed bid pricing to be fair and reasonable.

The region concurred with the analysis and verified funding is available.

Staff Review & Recommendation: Given the overall project dynamics mentioned above, re-advertisement of the project is unlikely to result in more competition or reduced pricing. The Region 3 Project Management Team's analysis and recommendation to award the project is provided in the attached memorandum to this request. As a result, staff recommends proceeding with the award of the project to Oldcastle SW Group, Inc.

I recommend award  Markos Atamo (Dec 14, 2021 13:43 MST) Date 12/14/21
Markos Atamo, PE, CES Branch Manager

I recommend award  Shoshana Lew (Dec 15, 2021 10:22 MST) Date 12/15/21
Shoshana M. Lew, Executive Director

Attachments: Region 3 Project Award Recommendation Memo

cc: Stephen Bokros, Cost Estimating Services
Markos Atamo, Construction Engineering Services
Jerad Esquibel, Project Support Services
RB Simmons, Construction Contract Services
Records Center



COLORADO
Department of Transportation
Region 3

Glenwood Springs Resident Engineer
280 Centennial Drive, Suite A101
Glenwood Springs, CO 81601

MEMORANDUM

TO: RB Simmons, Construction Contracts Manager
FROM: Andrew Knapp, Glenwood Springs Resident Engineer
DATE: December 10, 2021
SUBJECT: 23134 Project Award to Low Responsive Bidder, C.R.S. 43-1-113 (16)

This memorandum provides the Region 3 project team's request to award project NHPP 0821-111 (231334) as well as the justification on why it is in the best interest of the State of Colorado to award the project. The scope of this project is the mill and fill of 2.5 miles of CO-82, bridge maintenance, and the reconstruction of the Maroon Creek Roundabout with concrete pavement.

The 2.5 miles of surface treatment in this project has been identified on CDOT's surface treatment plan. The pavement in this area has seen accelerated wear and tear due to the high traffic volumes, with a significant amount of studded tire traffic and associated wear. Addressing the pavement now will prevent the need for more intensive and expensive treatments to the pavement if the deterioration is allowed to continue.

Within or directly adjacent to those surface treatment limits are three bridge structures that have identified maintenance needs. Most significantly is the Maroon Creek bridge with a severely map cracked concrete deck topping. At one time there was also a thin bonded epoxy overlay on top of the concrete deck topping. This epoxy surfacing has been almost complete removed due to the high volume of studded tire traffic and snow plow operations. Removing this concrete deck topping, addressing deck repairs and placing a waterproofing membrane with a new asphalt overlay is critical to maintaining this structure and ensuring it lives to the full extent of its intended lifespan.

The reconstruction of the roundabout with concrete pavement is a partnership with the local agencies within Pitkin County. This roundabout has seen severe pavement blowouts in winter months that are extremely challenging to repair during those periods. Due to the history of challenges with the pavement during winter at this location, at times limiting the roundabout to one lane operations instead of two, the City of Aspen approached CDOT to reconstruct the roundabout in concrete in conjunction with CDOT's next surface treatment project in the area.

With the initial indication of potential financial contributions from the City of Aspen CDOT began outreach to the other local municipalities in the area to develop additional financial partnerships to complete this work. CDOT was ultimately successful in developing partnerships with three additional local entities; Pitkin County, The Roaring Fork Transportation Agency, and the Elected Officials Transportation Commission. The total contributions from all four agencies toward the reconstruction of the Maroon Creek Roundabout with concrete pavement totaled \$1.65 million.

The project is difficult for many reasons, including working time restrictions mandating the Contractor avoid lane closures during daylight hours, consistent with the Region lane closure strategy. All asphalt paving is to take place at night to meet these requirements. Additionally, the reconstruction of a



roundabout under traffic is very challenging. CDOT has worked with Pitkin County to receive permission to utilize a County Road as an alternate route to reduce traffic volumes traversing the roundabout during construction. Delaying the project award could jeopardize the local partnership and associated funds.

The possibility of reducing scope was considered to reduce the project costs. This is not a desirable solution as the asphalt paving is already a relatively small amount, the concrete roundabout reconstruction has local agency partnership funds, and the bridge work did not come in above the estimate.

Outreach to the Contractors was done to help identify any issues that could be addressed to help reduce project costs. Both of the Contractors who bid on the project indicated that the plans were good and that the project was a “Good, Clean, Highway Job”. The discussions with the Contractors identified several issues that contributed to the high unit rates. There was no gravel pit in Pitkin County willing to supply the project, requiring long hauls of the asphalt and concrete to the project. The long haul of materials reduces achievable production rates and increases costs of all associated items, not just the materials themselves. The extremely high pace of private development in Pitkin County is the assumed reason for this lack of material supply.

Another reason contributing to the high prices was the lack of interested subcontractors to perform the work. One Contractor mentioned they used to receive 4-6 subcontractor quotes on projects. For this project they received one or two, and for some items they did not receive any. The lack of available lodging for project workers in addition to the high pace of private development in the area competing for contracted labor are potential reasons for the lack of subcontractor interest.

Lower pricing is not anticipated if the project were to be re-bid or deferred because the reasons for the high prices are not expected to abate in the near future. There is several years’ worth of approved development in the area and worker housing is only anticipated to worsen moving forward.

The surface treatment asset manager has reviewed the bid tabulations, project budget, and asset pool budget. They are in concurrence with the intent to award the full project scope and they have identified the required additional funding to award the project.

The RTD has been informed of the bid results and concurs with moving forward to award the project.

Please contact me at (970) 456-3960 if you have any questions or would like to discuss this request.





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Grand Junction, CO 81505
(970) 243-4900

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www.united-gj.com
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Mr. Ken Auge
Professional Engineer
Construction Engineering Services Branch
Colorado Department of Transportation

12/08/2021

Re: SA 23134

Ken,

As requested, please see the cost justifications below.

403-34801 – HMA (Grading SX) (100): Several factors drove the increased cost of this item. At bid time, the limited quantity of 12,583 tons did not justify the mobilization and commitment of a portable Hot Plant. As such, this item was bid from our closest fixed Hot Plant in Rifle, Co. The haul distance and lack of available trucking resources caused the production rates to be much slower than usual. This slower production also increased our Quality Control costs in this item.

412-01000 - Concrete Pavement (10 inch) – This price was mainly driven by lack of interest from Concrete subcontractors. We sent “Request for Quotes” to 17 concrete contractors and only received one quote back. The Aspen area is typically a very difficult market to work in, and in the current economy contractors have more lucrative options. Also driving the higher cost, is the work will all be hand placed with the accompanying slow production costs associated with the hand work.

626-00000 – Mobilization – This price was driven by all the factors detailed above, as well as multiple mobilizations required due to the hour restrictions & phasing plans.

Mark Painter
Estimator/Project Manager
United Companies
Oldcastle SW Group Inc

Colorado Department Of Transportation

Printed On: 12/02/2021

Low Bid Summary

Page 1 of 1

Letting Date: December 02, 2021

Call Order	Contract ID	Project(s)	# of Bids	Low Bidder	Estimated Cost	Corrected Bid	Percent of Estimate	Overrun (+) Underrun (-)
004	C23134	NHPP0821-111	2	OLDCASTLE SW GROUP, INC.	\$6,840,598.50	\$8,716,110.25	127.42%	\$1,875,511.75
Letting Totals			2		\$6,840,598.50	\$8,716,110.25	127.42%	\$1,875,511.75

Vendor Ranking

Contract ID: C23134

Contract Description:

THIS IS A SURFACE TREATMENT PROJECT ALONG STATE HIGHWAY 82, WITH PROJECT LIMITS FROM MP 36.5 TO MP 40.5. THE WORK INCLUDES A 2" HMA MILL AND FILL, RECONSTRUCTING THE MAROON CRK RNDBT WITH CONCRETE, GUARDRAIL, BPM WORK, TRAFFIC CTRL AND STRIPING.

A mandatory pre-bid meeting will be held, virtually, on Friday November 12, 2021 at 10:00am. This meeting can be accessed at :meet.google.com/tmz-ppyi-yvs Or by phone at: 575-468-0527 pin#: 369 210 153#.

Rank	Vendor ID	Vendor Name	Total Bid	Percent Of Low Bid	Percent Of Estimate
0	-EST-	Engineer's Estimate	\$6,840,598.50	78.48%	100.00%
1	672A	OLDCASTLE SW GROUP, INC.	\$8,716,110.25	100.00%	127.42%
2	1415A	RALPH L. WADSWORTH CONSTRUCTION COMPANY, LLC.	\$10,376,741.33	119.05%	151.69%

Tabulation of Bids

Contract ID: C23134

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 672A OLDCASTLE SW GROUP, INC.		(2) 1415A RALPH L. WADSWORTH CONSTRUCTION CO., LLC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items							
						LCC:		
201-00000	Clearing and Grubbing	1.000 L S	10,000.00000	10,000.00	30,000.00000	30,000.00	75,000.00000	75,000.00
202-00010	Removal of Tree	40.000 EACH	500.00000	20,000.00	775.00000	31,000.00	578.09000	23,123.60
202-00190	Removal of Concrete Median Cover Material	268.000 SY	25.00000	6,700.00	62.00000	16,616.00	28.09000	7,528.12
202-00200	Removal of Sidewalk	40.000 SY	50.00000	2,000.00	147.00000	5,880.00	31.34000	1,253.60
202-00203	Removal of Curb and Gutter	2,571.000 LF	20.00000	51,420.00	29.00000	74,559.00	20.53000	52,782.63
202-00240	Removal of Asphalt Mat (Planing)	111,794.000 SY	4.00000	447,176.00	4.00000	447,176.00	3.00000	335,382.00
202-00246	Removal of Asphalt Mat (Planing) (Special)	6.000 SY	10.00000	60.00	258.00000	1,548.00	107.17000	643.02
202-00250	Removal of Pavement Marking	46,505.000 SF	1.50000	69,757.50	1.50000	69,757.50	1.27000	59,061.35
202-00425	Removal of Bridge Railing	3.000 LF	100.00000	300.00	1,260.00000	3,780.00	76.88000	230.64
202-00453	Removal of Portions of Present Structure (Class 2)	39.000 SY	500.00000	19,500.00	644.00000	25,116.00	616.96000	24,061.44
202-00460	Removal of Portions of Present Structure (Class 3)	8.000 SY	600.00000	4,800.00	1,685.00000	13,480.00	1,673.20000	13,385.60
202-00503	Removal of Portions of Present Structure	4,384.000 SY	150.00000	657,600.00	78.00000	341,952.00	136.86000	599,994.24
202-00520	Removal of Expansion Joint Material	27.000 LF	40.00000	1,080.00	326.00000	8,802.00	225.90000	6,099.30
202-00855	Removal of Traffic Signal Controller Cabinet	4.000 EACH	3,000.00000	12,000.00	1,740.00000	6,960.00	1,271.23000	5,084.92

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			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items				LCC:			
202-00860	Removal of Pedestrian Push Button	1.000 EACH	400.00000	400.00	830.00000	830.00	52.97000	52.97
202-01130	Removal of Guardrail Type 3	2,756.000 LF	6.00000	16,536.00	14.00000	38,584.00	9.43000	25,989.08
202-01140	Removal of Guardrail Type 4	40.000 LF	30.00000	1,200.00	52.00000	2,080.00	264.83000	10,593.20
202-01300	Removal of End Anchorage	24.000 EACH	400.00000	9,600.00	383.00000	9,192.00	1,016.97000	24,407.28
202-05100	Sandblasting Reinforcing Steel	47.000 SY	60.00000	2,820.00	31.00000	1,457.00	43.11000	2,026.17
203-01500	Blading	20.000 HOUR	170.00000	3,400.00	145.00000	2,900.00	172.87000	3,457.40
203-01582	Truck (Dump)	20.000 HOUR	200.00000	4,000.00	134.00000	2,680.00	127.82000	2,556.40
203-01594	Combination Loader	20.000 HOUR	170.00000	3,400.00	139.00000	2,780.00	111.11000	2,222.20
203-01597	Potholing	120.000 HOUR	500.00000	60,000.00	436.00000	52,320.00	267.23000	32,067.60
203-02330	Laborer	40.000 HOUR	60.00000	2,400.00	52.00000	2,080.00	37.60000	1,504.00
206-00000	Structure Excavation	34.000 CY	50.00000	1,700.00	250.00000	8,500.00	30.42000	1,034.28
206-00200	Structure Backfill (Class 2)	4.000 CY	60.00000	240.00	789.00000	3,156.00	116.56000	466.24
207-00210	Stockpile Topsoil	540.000 CY	7.00000	3,780.00	63.00000	34,020.00	12.97000	7,003.80
208-00002	Erosion Log Type 1 (12 Inch)	1,500.000 LF	6.00000	9,000.00	6.00000	9,000.00	5.09000	7,635.00
208-00035	Aggregate Bag	200.000 LF	12.00000	2,400.00	8.65000	1,730.00	6.45000	1,290.00

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			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items				LCC:			
208-00046	Pre-fabricated Concrete Washout Structure (Type 1)	1.000 EACH	2,000.00000	2,000.00	930.00000	930.00	2,118.71000	2,118.71
208-00054	Storm Drain Inlet Protection (Type II)	7.000 EACH	250.00000	1,750.00	397.00000	2,779.00	224.58000	1,572.06
208-00070	Vehicle Tracking Pad	1.000 EACH	4,000.00000	4,000.00	12,900.00000	12,900.00	3,495.86000	3,495.86
208-00103	Removal and Disposal of Sediment (Labor)	20.000 HOUR	65.00000	1,300.00	59.00000	1,180.00	75.19000	1,503.80
208-00105	Removal and Disposal of Sediment (Equipment)	25.000 HOUR	150.00000	3,750.00	149.00000	3,725.00	141.93000	3,548.25
208-00106	Sweeping (Sediment Removal)	15.000 HOUR	175.00000	2,625.00	267.00000	4,005.00	162.10000	2,431.50
208-00107	Removal of Trash	10.000 HOUR	150.00000	1,500.00	59.00000	590.00	167.98000	1,679.80
210-00750	Reset Light Standard	6.000 EACH	4,000.00000	24,000.00	5,370.00000	32,220.00	9,004.48000	54,026.88
210-00760	Reset Luminaire	1.000 EACH	500.00000	500.00	830.00000	830.00	9,004.48000	9,004.48
210-00810	Reset Ground Sign	19.000 EACH	500.00000	9,500.00	319.00000	6,061.00	360.18000	6,843.42
210-00827	Reset Pull Box	4.000 EACH	1,000.00000	4,000.00	2,100.00000	8,400.00	5,084.87000	20,339.48
210-02804	Grinding: Sidewalk and/or Curb Ramp Repair	15.000 LF	50.00000	750.00	58.00000	870.00	63.57000	953.55
210-04010	Adjust Manhole	18.000 EACH	1,000.00000	18,000.00	1,900.00000	34,200.00	2,012.76000	36,229.68
210-04050	Adjust Valve Box	4.000 EACH	600.00000	2,400.00	1,000.00000	4,000.00	1,059.35000	4,237.40

Tabulation of Bids

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			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items				LCC:			
212-00701	Compost (Mechanically Applied)	78.000 CY	120.00000	9,360.00	71.00000	5,538.00	67.79000	5,287.62
212-00703	Humate	180.000 LB	3.50000	630.00	4.00000	720.00	0.37000	66.60
212-00704	Mycorrhizae	10.000 LB	20.00000	200.00	13.00000	130.00	8.63000	86.30
212-00707	Seeding (Native) Hydraulic	1.200 ACRE	2,000.00000	2,400.00	2,015.00000	2,418.00	3,019.14000	3,622.97
216-00201	Soil Retention Blanket (Straw-Coconut) (Biodegradable Class 1)	4,150.000 SY	4.00000	16,600.00	3.00000	12,450.00	4.44000	18,426.00
240-00000	Wildlife Biologist	10.000 HOUR	250.00000	2,500.00	265.00000	2,650.00	127.12000	1,271.20
240-00010	Removal of Nests	10.000 HOUR	250.00000	2,500.00	265.00000	2,650.00	127.12000	1,271.20
304-06000	Aggregate Base Course (Class 6)	875.000 TON	50.00000	43,750.00	71.00000	62,125.00	45.38000	39,707.50
403-00720	Hot Mix Asphalt (Patching) (Asphalt)	220.000 TON	250.00000	55,000.00	540.00000	118,800.00	572.05000	125,851.00
403-34801	Hot Mix Asphalt (Grading SX) (100)	12,583.000 TON	80.00000	1,006,640.00	130.00000	1,635,790.00	157.00000	1,975,531.00
411-03345	Asphalt Cement Performance Grade (PG 76-28)	755.000 TON	700.00000	528,500.00	625.00000	471,875.00	750.00000	566,250.00
411-10255	Emulsified Asphalt (Slow-Setting)	5,431.000 GAL	5.00000	27,155.00	4.25000	23,081.75	4.49000	24,385.19
412-01000	Concrete Pavement (10 Inch)	4,838.000 SY	150.00000	725,700.00	245.00000	1,185,310.00	180.00000	870,840.00
509-00000	Structural Steel	12.000 LB	20.00000	240.00	630.00000	7,560.00	81.72000	980.64

Tabulation of Bids

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Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 672A OLDCASTLE SW GROUP, INC.		(2) 1415A RALPH L. WADSWORTH CONSTRUCTION CO., LLC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items				LCC:			
515-00120	Waterproofing (Membrane)	4,384.000 SY	30.00000	131,520.00	20.00000	87,680.00	22.05000	96,667.20
518-01009	Bridge Expansion Device (0-9 Inch)	27.000 LF	3,000.00000	81,000.00	7,100.00000	191,700.00	3,366.16000	90,886.32
518-03000	Sawing and Sealing Bridge Joint	262.000 LF	50.00000	13,100.00	43.00000	11,266.00	62.29000	16,319.98
601-03000	Concrete Class D	52.000 CY	1,200.00000	62,400.00	1,340.00000	69,680.00	1,490.07000	77,483.64
601-03057	Concrete Class DR	5.000 CY	3,000.00000	15,000.00	3,130.00000	15,650.00	2,953.24000	14,766.20
601-51005	Galvanic Anodes	235.000 EACH	40.00000	9,400.00	41.00000	9,635.00	21.03000	4,942.05
602-00020	Reinforcing Steel (Epoxy Coated)	6,675.000 LB	5.00000	33,375.00	7.00000	46,725.00	5.76000	38,448.00
606-00302	Guardrail Type 3 (31 Inch Midwest Guardrail System)	2,556.000 LF	45.00000	115,020.00	61.00000	155,916.00	55.30000	141,346.80
606-00710	Guardrail Type 7 (Style CA)	40.000 LF	150.00000	6,000.00	260.00000	10,400.00	254.25000	10,170.00
606-01340	End Anchorage Type 3D	5.000 EACH	2,000.00000	10,000.00	1,560.00000	7,800.00	3,845.45000	19,227.25
606-01370	Transition Type 3G	11.000 EACH	4,600.00000	50,600.00	4,235.00000	46,585.00	6,048.89000	66,537.79
606-01380	Transition Type 3H	2.000 EACH	3,500.00000	7,000.00	1,865.00000	3,730.00	2,743.72000	5,487.44
606-01385	Transition Type 3J	2.000 EACH	3,000.00000	6,000.00	2,660.00000	5,320.00	3,961.97000	7,923.94
606-01402	Transition Type BR10B-GR3	2.000 EACH	3,500.00000	7,000.00	13,525.00000	27,050.00	11,652.85000	23,305.70
606-01460	Median Terminal	2.000 EACH	10,000.00000	20,000.00	14,495.00000	28,990.00	10,937.79000	21,875.58

Tabulation of Bids

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			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items				LCC:			
606-02003	End Anchorage (Nonflared)	8.000 EACH	4,000.00000	32,000.00	4,435.00000	35,480.00	4,528.72000	36,229.76
606-02005	End Anchorage (Flared)	9.000 EACH	4,500.00000	40,500.00	4,665.00000	41,985.00	4,692.93000	42,236.37
607-11525	Fence (Plastic)	800.000 LF	5.00000	4,000.00	6.00000	4,800.00	5.56000	4,448.00
608-00000	Concrete Sidewalk	128.000 SY	80.00000	10,240.00	183.00000	23,424.00	107.70000	13,785.60
608-00010	Concrete Curb Ramp	40.000 SY	170.00000	6,800.00	325.00000	13,000.00	217.94000	8,717.60
608-00018	Curb Ramp (Temporary Parallel) (Single)	1.000 EACH	1,400.00000	1,400.00	2,046.00000	2,046.00	2,175.97000	2,175.97
609-20010	Curb Type 2 (Section B) (SPECIAL)	120.000 LF	45.00000	5,400.00	54.00000	6,480.00	58.95000	7,074.00
609-21013	Curb and Gutter Type 2 (Section I-M) (Special)	85.000 LF	40.00000	3,400.00	77.00000	6,545.00	54.72000	4,651.20
609-21020	Curb and Gutter Type 2 (Section II-B)	2,485.000 LF	40.00000	99,400.00	44.00000	109,340.00	60.27000	149,770.95
610-00020	Median Cover Material (Patterned Concrete)	350.000 SF	30.00000	10,500.00	22.00000	7,700.00	18.58000	6,503.00
612-00001	Delineator (Type I)	100.000 EACH	30.00000	3,000.00	27.00000	2,700.00	31.78000	3,178.00
612-00002	Delineator (Type II)	50.000 EACH	35.00000	1,750.00	29.00000	1,450.00	31.78000	1,589.00
612-00003	Delineator (Type III)	20.000 EACH	38.00000	760.00	32.00000	640.00	39.73000	794.60
612-00052	Reflector	200.000 EACH	20.00000	4,000.00	6.00000	1,200.00	26.48000	5,296.00
613-00206	2 Inch Electrical Conduit (Bored)	1,205.000 LF	35.00000	42,175.00	47.00000	56,635.00	137.71000	165,940.55

Tabulation of Bids

Contract ID: C23134

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 672A OLDCASTLE SW GROUP, INC.		(2) 1415A RALPH L. WADSWORTH CONSTRUCTION CO., LLC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items				LCC:			
613-01200	2 Inch Electrical Conduit (Plastic)	397.000 LF	25.00000	9,925.00	47.00000	18,659.00	137.71000	54,670.87
613-07000	Pull Box (Special)	14.000 EACH	1,000.00000	14,000.00	1,885.00000	26,390.00	1,430.13000	20,021.82
613-07002	Type Two Pull Box	6.000 EACH	1,300.00000	7,800.00	2,685.00000	16,110.00	2,330.56000	13,983.36
613-07003	Type Three Pull Box	1.000 EACH	1,500.00000	1,500.00	3,740.00000	3,740.00	2,966.18000	2,966.18
613-40000	Concrete Foundation Pad	4.000 EACH	700.00000	2,800.00	8,200.00000	32,800.00	3,283.99000	13,135.96
614-72863	Pedestrian Push Button Post Assembly	1.000 EACH	2,500.00000	2,500.00	5,650.00000	5,650.00	3,389.92000	3,389.92
614-72875	Loop Detector Wire	4,593.000 LF	10.00000	45,930.00	15.00000	68,895.00	10.59000	48,639.87
614-75855	Traffic Signal Controller Cabinet (Install Only)	4.000 EACH	7,000.00000	28,000.00	4,060.00000	16,240.00	6,144.23000	24,576.92
620-00002	Field Office (Class 2)	1.000 EACH	30,000.00000	30,000.00	45,000.00000	45,000.00	90,044.76000	90,044.76
620-00012	Field Laboratory (Class 2)	1.000 EACH	30,000.00000	30,000.00	43,000.00000	43,000.00	63,561.01000	63,561.01
620-00020	Sanitary Facility	1.000 EACH	5,000.00000	5,000.00	5,000.00000	5,000.00	7,222.65000	7,222.65
621-00450	Detour Pavement	4,942.000 SY	90.00000	444,780.00	95.00000	469,490.00	67.08000	331,509.36
624-20024	24 Inch Drainage Pipe (Class 0)	35.000 LF	200.00000	7,000.00	102.00000	3,570.00	52.70000	1,844.50
625-00000	Construction Surveying	1.000 L S	20,000.00000	20,000.00	75,000.00000	75,000.00	225,000.00000	225,000.00
626-00000	Mobilization	1.000 L S	690,000.00000	690,000.00	948,000.00000	948,000.00	1,500,000.00000	1,500,000.00

Tabulation of Bids

Contract ID: C23134

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 672A OLDCASTLE SW GROUP, INC.		(2) 1415A RALPH L. WADSWORTH CONSTRUCTION CO., LLC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items				LCC:			
627-00008	Modified Epoxy Pavement Marking	552.000 GAL	120.00000	66,240.00	180.00000	99,360.00	153.61000	84,792.72
627-00013	Pavement Marking Paint (High Build)	1,338.000 GAL	50.00000	66,900.00	146.00000	195,348.00	103.82000	138,911.16
627-30407	Preformed Thermoplastic Pavement Marking (Word-Symbol) (Special)	18.000 SF	23.00000	414.00	33.00000	594.00	28.07000	505.26
630-00000	Flagging	2,100.000 HOUR	30.00000	63,000.00	38.00000	79,800.00	27.18000	57,078.00
630-00007	Traffic Control Inspection	80.000 DAY	400.00000	32,000.00	465.00000	37,200.00	300.47000	24,037.60
630-00012	Traffic Control Management	200.000 DAY	1,000.00000	200,000.00	1,160.00000	232,000.00	3,232.65000	646,530.00
630-80001	Flashing Beacon (Portable)	6.000 EACH	1,000.00000	6,000.00	1,532.00000	9,192.00	1,394.13000	8,364.78
630-80335	Barricade (Type 3 M-A) (Temporary)	7.000 EACH	220.00000	1,540.00	155.00000	1,085.00	62.93000	440.51
630-80340	Pedestrian Barricade (ADA)	600.000 LF	50.00000	30,000.00	31.00000	18,600.00	28.29000	16,974.00
630-80341	Construction Traffic Sign (Panel Size A)	127.000 EACH	30.00000	3,810.00	78.00000	9,906.00	280.98000	35,684.46
630-80342	Construction Traffic Sign (Panel Size B)	82.000 EACH	35.00000	2,870.00	78.00000	6,396.00	301.30000	24,706.60
630-80343	Construction Traffic Sign (Panel Size C)	13.000 EACH	40.00000	520.00	78.00000	1,014.00	314.45000	4,087.85
630-80344	Construction Traffic Sign (Special)	16.000 SF	35.00000	560.00	21.00000	336.00	33.96000	543.36
630-80350	Vertical Panel	50.000 EACH	45.00000	2,250.00	52.00000	2,600.00	62.93000	3,146.50
630-80355	Portable Message Sign Panel	4.000 EACH	5,500.00000	22,000.00	5,700.00000	22,800.00	11,440.99000	45,763.96

Tabulation of Bids

Contract ID: C23134

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 672A OLDCASTLE SW GROUP, INC.		(2) 1415A RALPH L. WADSWORTH CONSTRUCTION CO., LLC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 Bid Items				LCC:			
630-80358	Advance Warning Flashing or Sequencing Arrow Panel (C Type)	2.000 EACH	1,500.00000	3,000.00	4,700.00000	9,400.00	13,587.27000	27,174.54
630-80360	Drum Channelizing Device	110.000 EACH	30.00000	3,300.00	52.00000	5,720.00	57.20000	6,292.00
630-80363	Drum Channelizing Device (With Light) (Flashing)	20.000 EACH	50.00000	1,000.00	52.00000	1,040.00	62.25000	1,245.00
630-80364	Drum Channelizing Device (With Light) (Steady Burn)	20.000 EACH	60.00000	1,200.00	52.00000	1,040.00	62.25000	1,245.00
630-80367	Portable Traffic Speed Monitor	2.000 EACH	3,000.00000	6,000.00	2,600.00000	5,200.00	28.40000	56.80
630-80372	Concrete Barrier (Temporary) (Furnish and Install)	3,700.000 LF	25.00000	92,500.00	43.00000	159,100.00	100.00000	370,000.00
630-80380	Traffic Cone	200.000 EACH	10.00000	2,000.00	26.00000	5,200.00	10.29000	2,058.00
630-80511	Mobile Pavement Marking Zone	1.000 L S	25,000.00000	25,000.00	9,500.00000	9,500.00	10,063.83000	10,063.83
630-85010	Impact Attenuator (Temporary)	7.000 EACH	8,000.00000	56,000.00	930.00000	6,510.00	10,885.08000	76,195.56
630-85020	Mobile Attenuator	1.000 EACH	25,000.00000	25,000.00	46,350.00000	46,350.00	150,000.00000	150,000.00
632-00000	Night Work Lighting	1.000 L S	35,000.00000	35,000.00	50,000.00000	50,000.00	45,000.00000	45,000.00
Section Totals:			\$6,840,598.50		\$8,716,110.25		\$10,376,741.33	
Contract Grand Totals			\$6,840,598.50		\$8,716,110.25		\$10,376,741.33	

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Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	Bid Items						
0005	201-00000 Clearing and Grubbing	1.000	10,000.00000	30,000.00000 L S	10,000.00	30,000.00	300.00%	20,000.00
0010	202-00010 Removal of Tree	40.000	500.00000	775.00000 EACH	20,000.00	31,000.00	155.00%	11,000.00
0015	202-00190 Removal of Concrete Median Cover Material	268.000	25.00000	62.00000 SY	6,700.00	16,616.00	248.00%	9,916.00
0020	202-00200 Removal of Sidewalk	40.000	50.00000	147.00000 SY	2,000.00	5,880.00	294.00%	3,880.00
0025	202-00203 Removal of Curb and Gutter	2,571.000	20.00000	29.00000 LF	51,420.00	74,559.00	145.00%	23,139.00
0030	202-00240 Removal of Asphalt Mat (Planing)	111,794.00	4.00000	4.00000 SY	447,176.00	447,176.00	100.00%	0.00
0035	202-00246 Removal of Asphalt Mat (Planing) (Special)	6.000	10.00000	258.00000 SY	60.00	1,548.00	2580.00%	1,488.00
0040	202-00250 Removal of Pavement Marking	46,505.00	1.50000	1.50000 SF	69,757.50	69,757.50	100.00%	0.00
0045	202-00425 Removal of Bridge Railing	3.000	100.00000	1,260.00000 LF	300.00	3,780.00	1260.00%	3,480.00
0050	202-00453 Removal of Portions of Present Structure (Class 2)	39.000	500.00000	644.00000 SY	19,500.00	25,116.00	128.80%	5,616.00
0055	202-00460 Removal of Portions of Present Structure (Class 3)	8.000	600.00000	1,685.00000 SY	4,800.00	13,480.00	280.83%	8,680.00

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Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	Bid Items						
0060	202-00503 Removal of Portions of Present Structure	4,384.000	150.00000	78.00000 SY	657,600.00	341,952.00	52.00%	-315,648.00
0065	202-00520 Removal of Expansion Joint Material	27.000	40.00000	326.00000 LF	1,080.00	8,802.00	815.00%	7,722.00
0070	202-00855 Removal of Traffic Signal Controller Cabinet	4.000	3,000.00000	1,740.00000 EACH	12,000.00	6,960.00	58.00%	-5,040.00
0075	202-00860 Removal of Pedestrian Push Button	1.000	400.00000	830.00000 EACH	400.00	830.00	207.50%	430.00
0080	202-01130 Removal of Guardrail Type 3	2,756.000	6.00000	14.00000 LF	16,536.00	38,584.00	233.33%	22,048.00
0085	202-01140 Removal of Guardrail Type 4	40.000	30.00000	52.00000 LF	1,200.00	2,080.00	173.33%	880.00
0090	202-01300 Removal of End Anchorage	24.000	400.00000	383.00000 EACH	9,600.00	9,192.00	95.75%	-408.00
0095	202-05100 Sandblasting Reinforcing Steel	47.000	60.00000	31.00000 SY	2,820.00	1,457.00	51.67%	-1,363.00
0100	203-01500 Blading	20.000	170.00000	145.00000 HOUR	3,400.00	2,900.00	85.29%	-500.00
0105	203-01582 Truck (Dump)	20.000	200.00000	134.00000 HOUR	4,000.00	2,680.00	67.00%	-1,320.00
0110	203-01594 Combination Loader	20.000	170.00000	139.00000 HOUR	3,400.00	2,780.00	81.76%	-620.00
0115	203-01597 Potholing	120.000	500.00000	436.00000 HOUR	60,000.00	52,320.00	87.20%	-7,680.00

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Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	Bid Items						
0120	203-02330 Laborer	40.000	60.00000	52.00000 HOUR	2,400.00	2,080.00	86.67%	-320.00
0125	206-00000 Structure Excavation	34.000	50.00000	250.00000 CY	1,700.00	8,500.00	500.00%	6,800.00
0130	206-00200 Structure Backfill (Class 2)	4.000	60.00000	789.00000 CY	240.00	3,156.00	1315.00%	2,916.00
0135	207-00210 Stockpile Topsoil	540.000	7.00000	63.00000 CY	3,780.00	34,020.00	900.00%	30,240.00
0140	208-00002 Erosion Log Type 1 (12 Inch)	1,500.000	6.00000	6.00000 LF	9,000.00	9,000.00	100.00%	0.00
0145	208-00035 Aggregate Bag	200.000	12.00000	8.65000 LF	2,400.00	1,730.00	72.08%	-670.00
0150	208-00046 Pre-fabricated Concrete Washout Structure (Type 1)	1.000	2,000.00000	930.00000 EACH	2,000.00	930.00	46.50%	-1,070.00
0155	208-00054 Storm Drain Inlet Protection (Type II)	7.000	250.00000	397.00000 EACH	1,750.00	2,779.00	158.80%	1,029.00
0160	208-00070 Vehicle Tracking Pad	1.000	4,000.00000	12,900.00000 EACH	4,000.00	12,900.00	322.50%	8,900.00
0165	208-00103 Removal and Disposal of Sediment (Labor)	20.000	65.00000	59.00000 HOUR	1,300.00	1,180.00	90.77%	-120.00
0170	208-00105 Removal and Disposal of Sediment (Equipment)	25.000	150.00000	149.00000 HOUR	3,750.00	3,725.00	99.33%	-25.00
0175	208-00106 Sweeping (Sediment Removal)	15.000	175.00000	267.00000 HOUR	2,625.00	4,005.00	152.57%	1,380.00

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Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	Bid Items						
0180	208-00107 Removal of Trash	10.000	150.00000	59.00000 HOUR	1,500.00	590.00	39.33%	-910.00
0185	210-00750 Reset Light Standard	6.000	4,000.00000	5,370.00000 EACH	24,000.00	32,220.00	134.25%	8,220.00
0190	210-00760 Reset Luminaire	1.000	500.00000	830.00000 EACH	500.00	830.00	166.00%	330.00
0195	210-00810 Reset Ground Sign	19.000	500.00000	319.00000 EACH	9,500.00	6,061.00	63.80%	-3,439.00
0200	210-00827 Reset Pull Box	4.000	1,000.00000	2,100.00000 EACH	4,000.00	8,400.00	210.00%	4,400.00
0205	210-02804 Grinding: Sidewalk and/or Curb Ramp Repair	15.000	50.00000	58.00000 LF	750.00	870.00	116.00%	120.00
0210	210-04010 Adjust Manhole	18.000	1,000.00000	1,900.00000 EACH	18,000.00	34,200.00	190.00%	16,200.00
0215	210-04050 Adjust Valve Box	4.000	600.00000	1,000.00000 EACH	2,400.00	4,000.00	166.67%	1,600.00
0220	212-00701 Compost (Mechanically Applied)	78.000	120.00000	71.00000 CY	9,360.00	5,538.00	59.17%	-3,822.00
0225	212-00703 Humate	180.000	3.50000	4.00000 LB	630.00	720.00	114.29%	90.00
0230	212-00704 Mycorrhizae	10.000	20.00000	13.00000 LB	200.00	130.00	65.00%	-70.00
0235	212-00707 Seeding (Native) Hydraulic	1.200	2,000.00000	2,015.00000 ACRE	2,400.00	2,418.00	100.75%	18.00

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Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	Bid Items						
0240	216-00201 Soil Retention Blanket (Straw-Coconut) (Biodegradable Class 1)	4,150.000	4.00000	3.00000 SY	16,600.00	12,450.00	75.00%	-4,150.00
0245	240-00000 Wildlife Biologist	10.000	250.00000	265.00000 HOUR	2,500.00	2,650.00	106.00%	150.00
0250	240-00010 Removal of Nests	10.000	250.00000	265.00000 HOUR	2,500.00	2,650.00	106.00%	150.00
0255	304-06000 Aggregate Base Course (Class 6)	875.000	50.00000	71.00000 TON	43,750.00	62,125.00	142.00%	18,375.00
0260	403-00720 Hot Mix Asphalt (Patching) (Asphalt)	220.000	250.00000	540.00000 TON	55,000.00	118,800.00	216.00%	63,800.00
0265	403-34801 Hot Mix Asphalt (Grading SX) (100)	12,583.000	80.00000	130.00000 TON	1,006,640.00	1,635,790.00	162.50%	629,150.00
0270	411-03345 Asphalt Cement Performance Grade (PG 76-28)	755.000	700.00000	625.00000 TON	528,500.00	471,875.00	89.29%	-56,625.00
0275	411-10255 Emulsified Asphalt (Slow-Setting)	5,431.000	5.00000	4.25000 GAL	27,155.00	23,081.75	85.00%	-4,073.25
0280	412-01000 Concrete Pavement (10 Inch)	4,838.000	150.00000	245.00000 SY	725,700.00	1,185,310.00	163.33%	459,610.00
0285	509-00000 Structural Steel	12.000	20.00000	630.00000 LB	240.00	7,560.00	3150.00%	7,320.00
0290	515-00120 Waterproofing (Membrane)	4,384.000	30.00000	20.00000 SY	131,520.00	87,680.00	66.67%	-43,840.00
0295	518-01009 Bridge Expansion Device (0-9 Inch)	27.000	3,000.00000	7,100.00000 LF	81,000.00	191,700.00	236.67%	110,700.00

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Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	Bid Items						
0300	518-03000 Sawing and Sealing Bridge Joint	262.000	50.00000	43.00000 LF	13,100.00	11,266.00	86.00%	-1,834.00
0305	601-03000 Concrete Class D	52.000	1,200.00000	1,340.00000 CY	62,400.00	69,680.00	111.67%	7,280.00
0310	601-03057 Concrete Class DR	5.000	3,000.00000	3,130.00000 CY	15,000.00	15,650.00	104.33%	650.00
0315	601-51005 Galvanic Anodes	235.000	40.00000	41.00000 EACH	9,400.00	9,635.00	102.50%	235.00
0320	602-00020 Reinforcing Steel (Epoxy Coated)	6,675.000	5.00000	7.00000 LB	33,375.00	46,725.00	140.00%	13,350.00
0325	606-00302 Guardrail Type 3 (31 Inch Midwest Guardrail System)	2,556.000	45.00000	61.00000 LF	115,020.00	155,916.00	135.56%	40,896.00
0330	606-00710 Guardrail Type 7 (Style CA)	40.000	150.00000	260.00000 LF	6,000.00	10,400.00	173.33%	4,400.00
0335	606-01340 End Anchorage Type 3D	5.000	2,000.00000	1,560.00000 EACH	10,000.00	7,800.00	78.00%	-2,200.00
0340	606-01370 Transition Type 3G	11.000	4,600.00000	4,235.00000 EACH	50,600.00	46,585.00	92.07%	-4,015.00
0345	606-01380 Transition Type 3H	2.000	3,500.00000	1,865.00000 EACH	7,000.00	3,730.00	53.29%	-3,270.00
0350	606-01385 Transition Type 3J	2.000	3,000.00000	2,660.00000 EACH	6,000.00	5,320.00	88.67%	-680.00
0355	606-01402 Transition Type BR10B-GR3	2.000	3,500.00000	13,525.00000 EACH	7,000.00	27,050.00	386.43%	20,050.00

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Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	Bid Items						
0360	606-01460 Median Terminal	2.000	10,000.00000	14,495.00000 EACH	20,000.00	28,990.00	144.95%	8,990.00
0365	606-02003 End Anchorage (Nonflared)	8.000	4,000.00000	4,435.00000 EACH	32,000.00	35,480.00	110.88%	3,480.00
0370	606-02005 End Anchorage (Flared)	9.000	4,500.00000	4,665.00000 EACH	40,500.00	41,985.00	103.67%	1,485.00
0375	607-11525 Fence (Plastic)	800.000	5.00000	6.00000 LF	4,000.00	4,800.00	120.00%	800.00
0380	608-00000 Concrete Sidewalk	128.000	80.00000	183.00000 SY	10,240.00	23,424.00	228.75%	13,184.00
0385	608-00010 Concrete Curb Ramp	40.000	170.00000	325.00000 SY	6,800.00	13,000.00	191.18%	6,200.00
0390	608-00018 Curb Ramp (Temporary Parallel) (Single)	1.000	1,400.00000	2,046.00000 EACH	1,400.00	2,046.00	146.14%	646.00
0395	609-20010 Curb Type 2 (Section B) (SPECIAL)	120.000	45.00000	54.00000 LF	5,400.00	6,480.00	120.00%	1,080.00
0400	609-21013 Curb and Gutter Type 2 (Section I-M) (Special)	85.000	40.00000	77.00000 LF	3,400.00	6,545.00	192.50%	3,145.00
0405	609-21020 Curb and Gutter Type 2 (Section II-B)	2,485.000	40.00000	44.00000 LF	99,400.00	109,340.00	110.00%	9,940.00
0410	610-00020 Median Cover Material (Patterned Concrete)	350.000	30.00000	22.00000 SF	10,500.00	7,700.00	73.33%	-2,800.00
0415	612-00001 Delineator (Type I)	100.000	30.00000	27.00000 EACH	3,000.00	2,700.00	90.00%	-300.00

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Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	Bid Items						
0420	612-00002 Delineator (Type II)	50.000	35.00000	29.00000 EACH	1,750.00	1,450.00	82.86%	-300.00
0425	612-00003 Delineator (Type III)	20.000	38.00000	32.00000 EACH	760.00	640.00	84.21%	-120.00
0430	612-00052 Reflector	200.000	20.00000	6.00000 EACH	4,000.00	1,200.00	30.00%	-2,800.00
0435	613-00206 2 Inch Electrical Conduit (Bored)	1,205.000	35.00000	47.00000 LF	42,175.00	56,635.00	134.29%	14,460.00
0440	613-01200 2 Inch Electrical Conduit (Plastic)	397.000	25.00000	47.00000 LF	9,925.00	18,659.00	188.00%	8,734.00
0445	613-07000 Pull Box (Special)	14.000	1,000.00000	1,885.00000 EACH	14,000.00	26,390.00	188.50%	12,390.00
0450	613-07002 Type Two Pull Box	6.000	1,300.00000	2,685.00000 EACH	7,800.00	16,110.00	206.54%	8,310.00
0455	613-07003 Type Three Pull Box	1.000	1,500.00000	3,740.00000 EACH	1,500.00	3,740.00	249.33%	2,240.00
0460	613-40000 Concrete Foundation Pad	4.000	700.00000	8,200.00000 EACH	2,800.00	32,800.00	1171.43%	30,000.00
0465	614-72863 Pedestrian Push Button Post Assembly	1.000	2,500.00000	5,650.00000 EACH	2,500.00	5,650.00	226.00%	3,150.00
0470	614-72875 Loop Detector Wire	4,593.000	10.00000	15.00000 LF	45,930.00	68,895.00	150.00%	22,965.00
0475	614-75855 Traffic Signal Controller Cabinet (Install Only)	4.000	7,000.00000	4,060.00000 EACH	28,000.00	16,240.00	58.00%	-11,760.00

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Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	Bid Items						
0480	620-00002 Field Office (Class 2)	1.000	30,000.00000	45,000.00000 EACH	30,000.00	45,000.00	150.00%	15,000.00
0485	620-00012 Field Laboratory (Class 2)	1.000	30,000.00000	43,000.00000 EACH	30,000.00	43,000.00	143.33%	13,000.00
0490	620-00020 Sanitary Facility	1.000	5,000.00000	5,000.00000 EACH	5,000.00	5,000.00	100.00%	0.00
0495	621-00450 Detour Pavement	4,942.000	90.00000	95.00000 SY	444,780.00	469,490.00	105.56%	24,710.00
0500	624-20024 24 Inch Drainage Pipe (Class 0)	35.000	200.00000	102.00000 LF	7,000.00	3,570.00	51.00%	-3,430.00
0505	625-00000 Construction Surveying	1.000	20,000.00000	75,000.00000 L S	20,000.00	75,000.00	375.00%	55,000.00
0510	626-00000 Mobilization	1.000	690,000.00000	948,000.00000 L S	690,000.00	948,000.00	137.39%	258,000.00
0515	627-00008 Modified Epoxy Pavement Marking	552.000	120.00000	180.00000 GAL	66,240.00	99,360.00	150.00%	33,120.00
0520	627-00013 Pavement Marking Paint (High Build)	1,338.000	50.00000	146.00000 GAL	66,900.00	195,348.00	292.00%	128,448.00
0525	627-30407 Preformed Thermoplastic Pavement Marking (Word-Symbol) (Special)	18.000	23.00000	33.00000 SF	414.00	594.00	143.48%	180.00
0530	630-00000 Flagging	2,100.000	30.00000	38.00000 HOUR	63,000.00	79,800.00	126.67%	16,800.00
0535	630-00007 Traffic Control Inspection	80.000	400.00000	465.00000 DAY	32,000.00	37,200.00	116.25%	5,200.00

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Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	Bid Items						
0540	630-00012 Traffic Control Management	200.000	1,000.00000	1,160.00000 DAY	200,000.00	232,000.00	116.00%	32,000.00
0545	630-80001 Flashing Beacon (Portable)	6.000	1,000.00000	1,532.00000 EACH	6,000.00	9,192.00	153.20%	3,192.00
0550	630-80335 Barricade (Type 3 M-A) (Temporary)	7.000	220.00000	155.00000 EACH	1,540.00	1,085.00	70.45%	-455.00
0555	630-80340 Pedestrian Barricade (ADA)	600.000	50.00000	31.00000 LF	30,000.00	18,600.00	62.00%	-11,400.00
0560	630-80341 Construction Traffic Sign (Panel Size A)	127.000	30.00000	78.00000 EACH	3,810.00	9,906.00	260.00%	6,096.00
0565	630-80342 Construction Traffic Sign (Panel Size B)	82.000	35.00000	78.00000 EACH	2,870.00	6,396.00	222.86%	3,526.00
0570	630-80343 Construction Traffic Sign (Panel Size C)	13.000	40.00000	78.00000 EACH	520.00	1,014.00	195.00%	494.00
0575	630-80344 Construction Traffic Sign (Special)	16.000	35.00000	21.00000 SF	560.00	336.00	60.00%	-224.00
0580	630-80350 Vertical Panel	50.000	45.00000	52.00000 EACH	2,250.00	2,600.00	115.56%	350.00
0585	630-80355 Portable Message Sign Panel	4.000	5,500.00000	5,700.00000 EACH	22,000.00	22,800.00	103.64%	800.00
0590	630-80358 Advance Warning Flashing or Sequencing Arrow Panel (C Type)	2.000	1,500.00000	4,700.00000 EACH	3,000.00	9,400.00	313.33%	6,400.00
0595	630-80360 Drum Channelizing Device	110.000	30.00000	52.00000 EACH	3,300.00	5,720.00	173.33%	2,420.00

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Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	Bid Items						
0600	630-80363 Drum Channelizing Device (With Light) (Flashing)	20.000	50.00000	52.00000 EACH	1,000.00	1,040.00	104.00%	40.00
0605	630-80364 Drum Channelizing Device (With Light) (Steady Burn)	20.000	60.00000	52.00000 EACH	1,200.00	1,040.00	86.67%	-160.00
0610	630-80367 Portable Traffic Speed Monitor	2.000	3,000.00000	2,600.00000 EACH	6,000.00	5,200.00	86.67%	-800.00
0615	630-80372 Concrete Barrier (Temporary) (Furnish and Install)	3,700.000	25.00000	43.00000 LF	92,500.00	159,100.00	172.00%	66,600.00
0620	630-80380 Traffic Cone	200.000	10.00000	26.00000 EACH	2,000.00	5,200.00	260.00%	3,200.00
0625	630-80511 Mobile Pavement Marking Zone	1.000	25,000.00000	9,500.00000 L S	25,000.00	9,500.00	38.00%	-15,500.00
0630	630-85010 Impact Attenuator (Temporary)	7.000	8,000.00000	930.00000 EACH	56,000.00	6,510.00	11.63%	-49,490.00
0635	630-85020 Mobile Attenuator	1.000	25,000.00000	46,350.00000 EACH	25,000.00	46,350.00	185.40%	21,350.00
0640	632-00000 Night Work Lighting	1.000	35,000.00000	50,000.00000 L S	35,000.00	50,000.00	142.86%	15,000.00
Section 0001 Subtotal					\$6,840,598.50	\$8,716,110.25	127.42%	\$1,875,511.75
Contract Total for Calculated Low Bidders Bid Items					\$6,840,598.50	\$8,716,110.25	127.42%	\$1,875,511.75