# Colorado Department Of Transportation Low Bid Summary

**04/11/2019** Page 1 of 1

Printed On:

Letting Date: April 04, 2019

Call Order	D. L.		Low Bidder	Estimated Cost	Corrected Bid	Percent of Estimate	Overrun (+) Underrun (-)	
001	C20839	NHPP030A-035	1	HAMON INFRASTRUCTURE, INC.	\$7,368,587.55	\$7,599,000.00	103.13%	\$230,412.45
Lettir	ng Totals		1		\$7,368,587.55	\$7,599,000.00	103.13%	\$230,412.45

#### Vendor Ranking

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Contract ID: C20839

**Contract Description:** 

Project location: This project is located on US 285 (Hampden Ave.) SH 30 (S. Havana Street) in the City of County of Denver and City of Aurora. The limits of project are from Dahlia Street to I-25 (US 285 MP 263.18 to 263.9) and from I-25 to SH 83 Parker Road (SH 30 MP 0 to 3.83).

Project Description: The work consists of milling 2 inches of existing pavement and placing an overlay of 2 inches of Stone Matrix Asphalt. The overlay is to be placed on the entire width of the roadway. About 107 curb ramps will be reconstructed to comply with the ADA Standard as detailed in the curb ramp plans. Manhole and valve boxes will be adjusted up and down and inlets will need to be protected and clean up at the end of project. F-17-OT bridge expansion joint rubber grand will be removed and replaced. Fence repair will takes place at F-17-BJ CBC @ Goldsmith Gulch. Raised median will be installed between Monaco and Tamarac and Verbena on E. Hampden Avenue. The resurfacing area and ADA ramps impacted area will be within CDOT ROW and construction temporary easement may require at the area where ADA ramps are closed property lines.

Rank	Vendor ID	Vendor Name	Total Bid	Percent Of Low Bid	Percent Of Estimate
0	-EST-	Engineer's Estimate	\$7,368,587.55	96.97%	100.00%
1	884A	HAMON INFRASTRUCTURE, INC.	\$7,599,000.00	100.00%	103.13%

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04/11/2019

Printed On:

				(0) -EST Engineer's Es		(1) 884A HAMON INFRASTRUCTURE, INC.			
Item Code	Description	Quant	ity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS						LCC:		
202-00080	Removal of Guard Post	4.000 E	EACH	200.00000	800.00	200.00000	800.00		
202-00195	Removal of Median Cover	859.000	SY	5.00000	4,295.00	20.00000	17,180.00		
202-00200	Removal of Sidewalk	217.500	SY	25.00000	5,437.50	90.00000	19,575.00		
202-00201	Removal of Curb	41.300	LF	10.00000	413.00	70.00000	2,891.00		
202-00203	Removal of Curb and Gutter	957.500	LF	14.00000	13,405.00	24.00000	22,980.00		
202-00206	Removal of Concrete Curb Ramp	730.200	SY	30.00000	21,906.00	80.00000	58,416.00		
202-00210	Removal of Concrete Pavement	75.300	SY	37.00000	2,786.10	200.00000	15,060.00		
202-00220	Removal of Asphalt Mat	5,380.000	SY	16.00000	86,080.00	15.00000	80,700.00		
202-00240	Removal of Asphalt Mat (Planing)	215,242.200	SY	3.00000	645,726.60	1.60000	344,387.52		
202-00250	Removal of Pavement Marking	10,000.000	SF	0.76000	7,600.00	0.95000	9,500.00		
202-00260	Removal of Pavement Marking (On-Call)	730.200	SF	1.00000	730.20	0.95000	693.69		
202-00504	Removal of Expansion Device	328.000	LF	250.00000	82,000.00	100.00000	32,800.00		
202-00810	Removal of Ground Sign	10.000 E	ACH	100.00000	1,000.00	65.00000	650.00		
202-00821	Removal of Sign Panel	20.000 E	ACH	60.00000	1,200.00	65.00000	1,300.00		
202-00828	Removal of Traffic Signal Equipment	1.000	L S	15,000.00000	15,000.00	4,400.00000	4,400.00		
202-01000	Removal of Fence	69.000	LF	3.00000	207.00	12.00000	828.00		

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				(0) -EST- Engineer's Estimate		(1) 884A HAMON INFRASTRUCTURE, INC.			
Item Code	Description	Quantity	,	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS						LCC:		
202-04005	Clean Valve Box	80.000 EA	СН	250.00000	20,000.00	400.00000	32,000.00		
202-04010	Clean Inlet	61.000 EA	СН	400.00000	24,400.00	1,300.00000	79,300.00		
202-05011	Sawing Concrete (10.5 Inch)	152.800	LF	15.00000	2,292.00	30.00000	4,584.00		
202-05030	Sawing Asphalt Material (10 Inch)	8,359.200	LF	4.00000	33,436.80	5.00000	41,796.00		
203-01597	Potholing	100.000 HO	UR	200.00000	20,000.00	180.00000	18,000.00		
203-02330	Laborer	50.000 HO	UR	65.00000	3,250.00	50.00000	2,500.00		
208-00035	Aggregate Bag	500.000	LF	12.00000	6,000.00	10.00000	5,000.00		
208-00045	Concrete Washout Structure	1.000 EA	СН	1,500.00000	1,500.00	5,000.00000	5,000.00		
208-00046	Pre-fabricated Concrete Washout Structure (Type 1)	5.000 EA	СН	2,000.00000	10,000.00	4,000.00000	20,000.00		
208-00054	Storm Drain Inlet Protection (Type II)	67.000 EA	СН	300.00000	20,100.00	200.00000	13,400.00		
208-00070	Vehicle Tracking Pad	1.000 EA	СН	2,500.00000	2,500.00	4,000.00000	4,000.00		
208-00103	Removal and Disposal of Sediment (Labor)	15.000 HO	UR	65.00000	975.00	80.00000	1,200.00		
208-00105	Removal and Disposal of Sediment (Equipment)	10.000 HO	UR	150.00000	1,500.00	140.00000	1,400.00		
208-00106	Sweeping (Sediment Removal)	75.000 HO	UR	160.00000	12,000.00	135.00000	10,125.00		
208-00107	Removal of Trash	10.000 HO	UR	135.00000	1,350.00	200.00000	2,000.00		

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Item Code	Description	Quan	tity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS						LCC:		
208-00207	Erosion Control Management	50.000	DAY	250.00000	12,500.00	200.00000	10,000.00		
210-00090	Reset Delineator	1.000	EACH	135.00000	135.00	120.00000	120.00		
210-00810	Reset Ground Sign	11.000	EACH	250.00000	2,750.00	398.00000	4,378.00		
210-00815	Reset Sign Panel	1.000	EACH	350.00000	350.00	100.00000	100.00		
210-00827	Reset Pull Box	9.000	EACH	365.00000	3,285.00	825.00000	7,425.00		
210-00858	Reset Pedestal Pole	1.000	EACH	450.00000	450.00	2,350.00000	2,350.00		
210-04010	Adjust Manhole	90.000	EACH	650.00000	58,500.00	700.00000	63,000.00		
210-04050	Adjust Valve Box	160.000	EACH	350.00000	56,000.00	525.00000	84,000.00		
212-00006	Seeding (Native)	0.100	ACRE	1,000.00000	100.00	680.00000	68.00		
212-00032	Soil Conditioning	0.100	ACRE	2,000.00000	200.00	2,500.00000	250.00		
212-00040	Soil Preparation (Lawn)	0.030	ACRE	3,000.00000	90.00	1,000.00000	30.00		
212-01200	Landscape Restoration	1.000	LS	10,000.00000	10,000.00	15,000.00000	15,000.00		
213-00003	Mulching (Weed Free)	0.100	ACRE	1,200.00000	120.00	2,000.00000	200.00		
213-00061	Mulch Tackifier	20.000	LB	25.00000	500.00	2.59000	51.80		
214-00000	Landscape Maintenance	1.000	L S	10,000.00000	10,000.00	32,528.00000	32,528.00		
214-00145	Plant Protection Fence	125.000	LF	4.00000	500.00	3.80000	475.00		

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Contract ID: C20839

				(0) -EST- Engineer's Estimate		(1) 884A HAMON INFRASTRUCTURE, INC.			
Item Code	Description	Quan	tity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS						LCC:		
240-00000	Wildlife Biologist	80.000 1	HOUR	125.00000	10,000.00	75.00000	6,000.00		
240-00010	Removal of Nests	80.000	HOUR	150.00000	12,000.00	70.00000	5,600.00		
304-06000	Aggregate Base Course (Class 6)	1,737.000	TON	35.00000	60,795.00	40.00000	69,480.00		
403-00720	Hot Mix Asphalt (Patching) (Asphalt)	50.000	TON	225.00000	11,250.00	435.00000	21,750.00		
403-00800	Emergency Pothole Repair	50.000	TON	500.00000	25,000.00	1,000.00000	50,000.00		
403-09221	Stone Matrix Asphalt (Fibers)(Asphalt)	23,676.600	TON	115.00000	2,722,809. 00	115.00000	2,722,809. 00		
411-10255	Emulsified Asphalt (Slow-Setting)	10,762.100	GAL	3.50000	37,667.35	3.00000	32,286.30		
412-01000	Concrete Pavement (10 Inch)	46.000	SY	100.00000	4,600.00	500.00000	23,000.00		
412-01120	Concrete Pavement (11 Inch) (Fast Track)	84.300	SY	200.00000	16,860.00	575.00000	48,472.50		
412-01255	Concrete Pavement (12 Inch) (Special)	69.000	SY	750.00000	51,750.00	350.00000	24,150.00		
518-00000	Bridge Compression Joint Sealer	328.000	LF	165.00000	54,120.00	145.00000	47,560.00		
607-11525	Fence (Plastic)	100.000	LF	5.00000	500.00	15.00000	1,500.00		
607-53161	Fence Chain Link (Special) (60 Inch)	69.000	LF	120.00000	8,280.00	83.00000	5,727.00		
608-00000	Concrete Sidewalk	83.300	SY	75.00000	6,247.50	110.00000	9,163.00		

SY

98.000

608-00006 Concrete Sidewalk (6 Inch)

85.00000 8,330.00

135.00000 13,230.00

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				(0) -EST- Engineer's Estimate		(1) 884 HAMO	N		
						INFRASTRUCT	URE, INC.		
Item Code	Description	Qua	ntity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS						LCC:		
608-00010	Concrete Curb Ramp	884.400	SY	155.00000	137,082.00	250.00000	221,100.00		
608-00015	Detectable Warnings	13.400	SF	100.00000	1,340.00	100.00000	1,340.00		
609-20010	Curb Type 2 (Section B)	20.000	LF	65.00000	1,300.00	65.00000	1,300.00		
609-21010	Curb and Gutter Type 2 (Section I-B)	8,558.400	LF	20.00000	171,168.00	40.00000	342,336.00		
609-21020	Curb and Gutter Type 2 (Section II-B)	459.500	LF	35.00000	16,082.50	43.00000	19,758.50		
609-21021	Curb and Gutter Type 2 (Section II-M)	2.800	LF	40.00000	112.00	200.00000	560.00		
609-71000	Curb (Special)	48.000	LF	36.00000	1,728.00	66.00000	3,168.00		
610-00020	Median Cover Material (Patterned Concrete)	43,858.000	SF	12.00000	526,296.00	12.00000	526,296.00		
612-00002	Delineator (Type II)	25.000	EACH	50.00000	1,250.00	18.50000	462.50		
612-00300	Steel Guard Post	8.000	EACH	750.00000	6,000.00	500.00000	4,000.00		
613-00306	3 Inch Electrical Conduit (Bored)	660.000	LF	20.00000	13,200.00	66.00000	43,560.00		
613-01300	3 Inch Electrical Conduit (Plastic)	270.000	LF	15.00000	4,050.00	56.00000	15,120.00		
613-07000	Pull Box (Special)	4.000	EACH	600.00000	2,400.00	2,777.00000	11,108.00		
613-07011	Pull Box (11"x18"x12")	8.000	EACH	750.00000	6,000.00	1,200.00000	9,600.00		
613-10000	Wiring	1.000	LS	5,000.00000	5,000.00	28,500.00000	28,500.00		
614-00011	Sign Panel (Class I)	137.000	SF	25.00000	3,425.00	18.00000	2,466.00		

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Item Code	Description	Quan	tity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS						LCC:		
614-00012	Sign Panel (Class II)	358.000	SF	25.00000	8,950.00	21.00000	7,518.00		
614-01583	Steel Sign Support (2-1/2 In Round Sch 80) (Post & Slipbase)	85.000	EACH	400.00000	34,000.00	405.00000	34,425.00		
614-70150	Pedestrian Signal Face (16) (Countdown)	40.000	EACH	600.00000	24,000.00	840.00000	33,600.00		
614-70336	Traffic Signal Face (12-12-12)	29.000	EACH	750.00000	21,750.00	1,000.00000	29,000.00		
614-70448	Traffic Signal Face (12-12-12-12)	6.000	EACH	1,200.00000	7,200.00	1,200.00000	7,200.00		
614-72860	Pedestrian Push Button	6.000	EACH	700.00000	4,200.00	420.00000	2,520.00		
614-72863	Pedestrian Push Button Post Assembly	20.000	EACH	2,500.00000	50,000.00	2,400.00000	48,000.00		
614-72886	Intersection Detection System (Camera)	5.000	EACH	12,000.00000	60,000.00	12,100.00000	60,500.00		
620-00002	Field Office (Class 2)	1.000	EACH	40,000.00000	40,000.00	55,000.00000	55,000.00		
620-00012	Field Laboratory (Class 2)	1.000	EACH	20,000.00000	20,000.00	30,000.00000	30,000.00		
620-00020	Sanitary Facility	1.000	EACH	2,000.00000	2,000.00	4,075.19000	4,075.19		
625-00000	Construction Surveying	1.000	LS	65,000.00000	65,000.00	120,000.00000	120,000.00		
626-00000	Mobilization	1.000	LS	650,000.00000	650,000.00	690,000.00000	690,000.00		
626-01103	Public Information Services (Tier III)	1.000	LS	15,000.00000	15,000.00	8,400.00000	8,400.00		
627-00008	Modified Epoxy Pavement Marking	202.000	GAL	90.00000	18,180.00	70.00000	14,140.00		

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			(0) -EST- Engineer's Estimate		(1) 884A HAMON INFRASTRUCTURE, INC.			
Item Code	Description	Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS					LCC:		
627-00013	Pavement Marking Paint (High Build)	1,267.000 GAL	40.00000	50,680.00	30.00000	38,010.00		
627-01010	Preformed Plastic Pavement Marking (Type I)(Inlaid)	27,221.000 SF	13.00000	353,873.00	10.00000	272,210.00		
627-30210	Thermoplastic Pavement Marking (Xwalk-Stopline)	1,230.000 SF	18.00000	22,140.00	8.50000	10,455.00		
627-30405	Preformed Thermoplastic Pavement Marking (Word-Symbol)	689.000 SF	13.00000	8,957.00	13.00000	8,957.00		
627-30410	Preformed Thermoplastic Pavement Marking (Xwalk-Stop Line)	23,950.000 SF	12.00000 2	287,400.00	8.50000	203,575.00		
630-00000	Flagging	750.000 HOUR	32.00000	24,000.00	30.00000	22,500.00		
630-00003	Uniformed Traffic Control	2,000.000 HOUR	102.00000 2	204,000.00	75.00000	150,000.00		
630-00004	Traffic Control Vehicle	2.000 EACH	6,500.00000	13,000.00	4,000.00000	8,000.00		
630-00007	Traffic Control Inspection	73.000 DAY	175.00000	12,775.00	250.00000	18,250.00		
630-00012	Traffic Control Management	145.000 DAY	850.00000 <sup>-</sup>	123,250.00	1,250.00000	181,250.00		
630-80001	Flashing Beacon (Portable)	12.000 EACH	1,000.00000	12,000.00	1,100.00000	13,200.00		
630-80335	Barricade (Type 3 M-A) (Temporary)	20.000 EACH	130.00000	2,600.00	210.00000	4,200.00		
630-80341	Construction Traffic Sign (Panel Size A)	48.000 EACH	45.00000	2,160.00	65.00000	3,120.00		
630-80342	Construction Traffic Sign (Panel Size B)	84.000 EACH	90.00000	7,560.00	75.00000	6,300.00		
630-80343	Construction Traffic Sign (Panel Size C)	10.000 EACH	120.00000	1,200.00	85.00000	850.00		

#### **Tabulation of Bids**

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			(0) -EST- Engineer's Estimate		(1) 884A HAMON INFRASTRUCTURE, INC.			
Item Code	Description	Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS					LCC:		
630-80355	Portable Message Sign Panel	6.000 EACH	4,200.00000	25,200.00	6,500.00000	39,000.00		
630-80358	Advance Warning Flashing or Sequencing Arrow Panel (C Type)	6.000 EACH	1,500.00000	9,000.00	1,600.00000	9,600.00		
630-80360	Drum Channelizing Device	100.000 EACH	35.00000	3,500.00	37.00000	3,700.00		
630-80380	Traffic Cone	400.000 EACH	10.00000	4,000.00	11.00000	4,400.00		
630-85041	Mobile Attenuator	80.000 DAY	450.00000	36,000.00	315.00000	25,200.00		
632-00000	Night Work Lighting	1.000 LS	15,000.00000	15,000.00	48,000.00000	48,000.00		
Section Tot	tals:		\$7,36	8,587.55	\$7,59	9,000.00		
Contract (	Grand Totals		\$7,3	68,587.55	\$7,5	99,000.00		

## Low Bid Item Analysis

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Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0005	202-00080 Removal of Guar	4.000 rd Post	200.00000	200.00000 EACH	800.00	800.00	100.00%	0.00
0010	202-00195 Removal of Medi	859.000 an Cover	5.00000	20.00000 SY	4,295.00	17,180.00	400.00%	12,885.00
0015	202-00200 Removal of Side	217.500 walk	25.00000	90.00000 SY	5,437.50	19,575.00	360.00%	14,137.50
0020	202-00201 Removal of Curb	41.300	10.00000	70.00000 LF	413.00	2,891.00	700.00%	2,478.00
0025	202-00203 Removal of Curb	957.500 and Gutter	14.00000	24.00000 LF	13,405.00	22,980.00	171.43%	9,575.00
0030	202-00206 Removal of Cond	730.200 crete Curb Ramp	30.00000	80.00000 SY	21,906.00	58,416.00	266.67%	36,510.00
0035	202-00210 Removal of Cond	75.300 crete Pavement	37.00000	200.00000 SY	2,786.10	15,060.00	540.54%	12,273.90
0040	202-00220 Removal of Asph	5,380.000 alt Mat	16.00000	15.00000 SY	86,080.00	80,700.00	93.75%	-5,380.00
0045	202-00240 Removal of Asph	215,242.2( alt Mat (Planing)	3.00000	1.60000 SY	645,726.60	344,387.52	53.33%	-301,339.08
0050	202-00250 Removal of Pave	10,000.000 ment Marking	0.76000	0.95000 SF	7,600.00	9,500.00	125.00%	1,900.00
0055	202-00260 Removal of Pave	730.200 ment Marking (On-Call	1.00000 I)	0.95000 SF	730.20	693.69	95.00%	-36.51
0060	202-00504 Removal of Expa	328.000 Insion Device	250.00000	100.00000 LF	82,000.00	32,800.00	40.00%	-49,200.00

## Low Bid Item Analysis

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Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0065	202-00810 Removal of Grou	10.000 nd Sign	100.00000	65.00000 EACH	1,000.00	650.00	65.00%	-350.00
0070	202-00821 Removal of Sign	20.000 Panel	60.00000	65.00000 EACH	1,200.00	1,300.00	108.33%	100.00
0075	202-00828 Removal of Traffi	1.000 c Signal Equipment	15,000.00000	4,400.00000 L S	15,000.00	4,400.00	29.33%	-10,600.00
0800	202-01000 Removal of Fenc	69.000 e	3.00000	12.00000 LF	207.00	828.00	400.00%	621.00
0085	202-04005 Clean Valve Box	80.000	250.00000	400.00000 EACH	20,000.00	32,000.00	160.00%	12,000.00
0090	202-04010 Clean Inlet	61.000	400.00000	1,300.00000 EACH	24,400.00	79,300.00	325.00%	54,900.00
0095	202-05011 Sawing Concrete	152.800 (10.5 lnch)	15.00000	30.00000 LF	2,292.00	4,584.00	200.00%	2,292.00
0100	202-05030 Sawing Asphalt N	8,359.200 //aterial (10 Inch)	4.00000	5.00000 LF	33,436.80	41,796.00	125.00%	8,359.20
0105	203-01597 Potholing	100.000	200.00000	180.00000 HOUR	20,000.00	18,000.00	90.00%	-2,000.00
0110	203-02330 Laborer	50.000	65.00000	50.00000 HOUR	3,250.00	2,500.00	76.92%	-750.00
0115	208-00035 Aggregate Bag	500.000	12.00000	10.00000 LF	6,000.00	5,000.00	83.33%	-1,000.00
0120	208-00045 Concrete Washou	1.000 ut Structure	1,500.00000	5,000.00000 EACH	1,500.00	5,000.00	333.33%	3,500.00

## Low Bid Item Analysis

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Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0125	208-00046 Pre-fabricated C (Type 1)	5.000 oncrete Washout S	2,000.00000 tructure	4,000.00000 EACH	10,000.00	20,000.00	200.00%	10,000.00
0130	208-00054	67.000 t Protection (Type I	300.00000 I)	200.00000 EACH	20,100.00	13,400.00	66.67%	-6,700.00
0135	208-00070 Vehicle Tracking	1.000 <sub>J</sub> Pad	2,500.00000	4,000.00000 EACH	2,500.00	4,000.00	160.00%	1,500.00
0140	208-00103 Removal and Dis	15.000 sposal of Sediment	65.00000 (Labor)	80.00000 HOUR	975.00	1,200.00	123.08%	225.00
0145	208-00105 Removal and Dis	10.000 sposal of Sediment	150.00000 (Equipment)	140.00000 HOUR	1,500.00	1,400.00	93.33%	-100.00
0150	208-00106 Sweeping (Sedir	75.000 ment Removal)	160.00000	135.00000 HOUR	12,000.00	10,125.00	84.38%	-1,875.00
0155	208-00107 Removal of Tras	10.000 h	135.00000	200.00000 HOUR	1,350.00	2,000.00	148.15%	650.00
0160	208-00207 Erosion Control	50.000 Management	250.00000	200.00000 DAY	12,500.00	10,000.00	80.00%	-2,500.00
0165	210-00090 Reset Delineator	1.000	135.00000	120.00000 EACH	135.00	120.00	88.89%	-15.00
0170	210-00810 Reset Ground Si	11.000 ign	250.00000	398.00000 EACH	2,750.00	4,378.00	159.20%	1,628.00
0175	210-00815 Reset Sign Pane	1.000 el	350.00000	100.00000 EACH	350.00	100.00	28.57%	-250.00
0180	210-00827 Reset Pull Box	9.000	365.00000	825.00000 EACH	3,285.00	7,425.00	226.03%	4,140.00

## Low Bid Item Analysis

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Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0185	210-00858 Reset Pedestal Po	1.000 ole	450.00000	2,350.00000 EACH	450.00	2,350.00	522.22%	1,900.00
0190	210-04010 Adjust Manhole	90.000	650.00000	700.00000 EACH	58,500.00	63,000.00	107.69%	4,500.00
0195	210-04050 Adjust Valve Box	160.000	350.00000	525.00000 EACH	56,000.00	84,000.00	150.00%	28,000.00
0200	212-00006 Seeding (Native)	0.100	1,000.00000	680.00000 ACRE	100.00	68.00	68.00%	-32.00
0205	212-00032 Soil Conditioning	0.100	2,000.00000	2,500.00000 ACRE	200.00	250.00	125.00%	50.00
0210	212-00040 Soil Preparation (I	0.030 _awn)	3,000.00000	1,000.00000 ACRE	90.00	30.00	33.33%	-60.00
0215	212-01200 Landscape Restor	1.000 ration	10,000.00000	15,000.00000 L S	10,000.00	15,000.00	150.00%	5,000.00
0220	213-00003 Mulching (Weed F	0.100 Free)	1,200.00000	2,000.00000 ACRE	120.00	200.00	166.67%	80.00
0225	213-00061 Mulch Tackifier	20.000	25.00000	2.59000 LB	500.00	51.80	10.36%	-448.20
0230	214-00000 Landscape Mainte	1.000 enance	10,000.00000	32,528.00000 L S	10,000.00	32,528.00	325.28%	22,528.00
0235	214-00145 Plant Protection F	125.000 ence	4.00000	3.80000 LF	500.00	475.00	95.00%	-25.00
0240	240-00000 Wildlife Biologist	80.000	125.00000	75.00000 HOUR	10,000.00	6,000.00	60.00%	-4,000.00

## Low Bid Item Analysis

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Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0245	240-00010 Removal of Nest	80.000 s	150.00000	70.00000 HOUR	12,000.00	5,600.00	46.67%	-6,400.00
0250	304-06000 Aggregate Base	1,737.000 Course (Class 6)	35.00000	40.00000 TON	60,795.00	69,480.00	114.29%	8,685.00
0255	403-00720 Hot Mix Asphalt (	50.000 Patching) (Asphalt)	225.00000	435.00000 TON	11,250.00	21,750.00	193.33%	10,500.00
0260	403-00800 Emergency Poth	50.000 ole Repair	500.00000	1,000.00000 TON	25,000.00	50,000.00	200.00%	25,000.00
0265	403-09221 Stone Matrix Asp	23,676.60( halt (Fibers)(Asphalt)	115.00000	115.00000 TON	2,722,809.00	2,722,809.00	100.00%	0.00
0270	411-10255 Emulsified Aspha	10,762.100 alt (Slow-Setting)	3.50000	3.00000 GAL	37,667.35	32,286.30	85.71%	-5,381.05
0275	412-01000 Concrete Pavem	46.000 ent (10 Inch)	100.00000	500.00000 SY	4,600.00	23,000.00	500.00%	18,400.00
0280	412-01120 Concrete Pavem	84.300 ent (11 Inch) (Fast Tr	200.00000 ack)	575.00000 SY	16,860.00	48,472.50	287.50%	31,612.50
0285	412-01255 Concrete Pavem	69.000 ent (12 Inch) (Special	750.00000 )	350.00000 SY	51,750.00	24,150.00	46.67%	-27,600.00
0290	518-00000 Bridge Compress	328.000 sion Joint Sealer	165.00000	145.00000 LF	54,120.00	47,560.00	87.88%	-6,560.00
0295	607-11525 Fence (Plastic)	100.000	5.00000	15.00000 LF	500.00	1,500.00	300.00%	1,000.00
0300	607-53161 Fence Chain Link	69.000 ( (Special) (60 Inch)	120.00000	83.00000 LF	8,280.00	5,727.00	69.17%	-2,553.00

## Low Bid Item Analysis

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Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0305	608-00000 Concrete Sidewa	83.300 alk	75.00000	110.00000 SY	6,247.50	9,163.00	146.67%	2,915.50
0310	608-00006 Concrete Sidewa	98.000 alk (6 Inch)	85.00000	135.00000 SY	8,330.00	13,230.00	158.82%	4,900.00
0315	608-00010 Concrete Curb F	884.400 Ramp	155.00000	250.00000 SY	137,082.00	221,100.00	161.29%	84,018.00
0320	608-00015 Detectable Warr	13.400 nings	100.00000	100.00000 SF	1,340.00	1,340.00	100.00%	0.00
0325	609-20010 Curb Type 2 (Se	20.000 ction B)	65.00000	65.00000 LF	1,300.00	1,300.00	100.00%	0.00
0330	609-21010 Curb and Gutter	8,558.400 Type 2 (Section I-B)	20.00000	40.00000 LF	171,168.00	342,336.00	200.00%	171,168.00
0335	609-21020 Curb and Gutter	459.500 Type 2 (Section II-B)	35.00000	43.00000 LF	16,082.50	19,758.50	122.86%	3,676.00
0340	609-21021 Curb and Gutter	2.800 Type 2 (Section II-M)	40.00000	200.00000 LF	112.00	560.00	500.00%	448.00
0345	609-71000 Curb (Special)	48.000	36.00000	66.00000 LF	1,728.00	3,168.00	183.33%	1,440.00
0350	610-00020 Median Cover M	43,858.000 aterial (Patterned Con	12.00000 crete)	12.00000 SF	526,296.00	526,296.00	100.00%	0.00
0355	612-00002 Delineator (Type	25.000 : II)	50.00000	18.50000 EACH	1,250.00	462.50	37.00%	-787.50
0360	612-00300 Steel Guard Pos	8.000 t	750.00000	500.00000 EACH	6,000.00	4,000.00	66.67%	-2,000.00

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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						
0365	613-00306 3 Inch Electrical	660.000 Conduit (Bored)	20.00000	66.00000 LF	13,200.00	43,560.00	330.00%	30,360.00
0370	613-01300 3 Inch Electrical	270.000 Conduit (Plastic)	15.00000	56.00000 LF	4,050.00	15,120.00	373.33%	11,070.00
0375	613-07000 Pull Box (Specia	4.000 I)	600.00000	2,777.00000 EACH	2,400.00	11,108.00	462.83%	8,708.00
0380	613-07011 Pull Box (11"x18	8.000 "x12")	750.00000	1,200.00000 EACH	6,000.00	9,600.00	160.00%	3,600.00
0385	613-10000 Wiring	1.000	5,000.00000	28,500.00000 L S	5,000.00	28,500.00	570.00%	23,500.00
0390	614-00011 Sign Panel (Clas	137.000 s I)	25.00000	18.00000 SF	3,425.00	2,466.00	72.00%	-959.00
0395	614-00012 Sign Panel (Clas	358.000 s II)	25.00000	21.00000 SF	8,950.00	7,518.00	84.00%	-1,432.00
0400	614-01583 Steel Sign Suppo (Post & Slipbase	85.000 ort (2-1/2 In Round 9 )	400.00000 Sch 80)	405.00000 EACH	34,000.00	34,425.00	101.25%	425.00
0405	614-70150 Pedestrian Signa	40.000 al Face (16) (Counto	600.00000 down)	840.00000 EACH	24,000.00	33,600.00	140.00%	9,600.00
0410	614-70336 Traffic Signal Fa	29.000 ce (12-12-12)	750.00000	1,000.00000 EACH	21,750.00	29,000.00	133.33%	7,250.00
0415	614-70448 Traffic Signal Fa	6.000 ce (12-12-12-12)	1,200.00000	1,200.00000 EACH	7,200.00	7,200.00	100.00%	0.00
0420	614-72860 Pedestrian Push	6.000 Button	700.00000	420.00000 EACH	4,200.00	2,520.00	60.00%	-1,680.00

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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						
0425	614-72863 Pedestrian Push	20.000 Button Post Assem	2,500.00000 bly	2,400.00000 EACH	50,000.00	48,000.00	96.00%	-2,000.00
0430	614-72886 Intersection Dete	5.000 ection System (Cam	12,000.00000 era)	12,100.00000 EACH	60,000.00	60,500.00	100.83%	500.00
0435	620-00002 Field Office (Clas	1.000 ss 2)	40,000.00000	55,000.00000 EACH	40,000.00	55,000.00	137.50%	15,000.00
0440	620-00012 Field Laboratory	1.000 (Class 2)	20,000.00000	30,000.00000 EACH	20,000.00	30,000.00	150.00%	10,000.00
0445	620-00020 Sanitary Facility	1.000	2,000.00000	4,075.19000 EACH	2,000.00	4,075.19	203.76%	2,075.19
0450	625-00000 Construction Sur	1.000 veying	65,000.00000	120,000.00000 L S	65,000.00	120,000.00	184.62%	55,000.00
0455	626-00000 Mobilization	1.000	650,000.00000	690,000.00000 L S	650,000.00	690,000.00	106.15%	40,000.00
0460	626-01103 Public Informatio	1.000 n Services (Tier III)	15,000.00000	8,400.00000 L S	15,000.00	8,400.00	56.00%	-6,600.00
0465	627-00008 Modified Epoxy F	202.000 Pavement Marking	90.00000	70.00000 GAL	18,180.00	14,140.00	77.78%	-4,040.00
0470	627-00013 Pavement Markir	1,267.000 ng Paint (High Build	40.00000	30.00000 GAL	50,680.00	38,010.00	75.00%	-12,670.00
0475	627-01010 Preformed Plasti I)(Inlaid)	27,221.000 c Pavement Markin	13.00000 g (Type	10.00000 SF	353,873.00	272,210.00	76.92%	-81,663.00

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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	627-30210 Thermoplastic P Stopline)	1,230.000 avement Marking (X	18.00000 valk-	8.50000 SF	22,140.00	10,455.00	47.22%	-11,685.00
0485	627-30405 Preformed Therr (Word-Symbol)	689.000 moplastic Pavement	13.00000 Marking	13.00000 SF	8,957.00	8,957.00	100.00%	0.00
0490	627-30410 Preformed Therr (Xwalk-Stop Line	23,950.000 moplastic Pavement	12.00000 Marking	8.50000 SF	287,400.00	203,575.00	70.83%	-83,825.00
0495	630-00000 Flagging	750.000	32.00000	30.00000 HOUR	24,000.00	22,500.00	93.75%	-1,500.00
0500	630-00003 Uniformed Traffi	2,000.000 c Control	102.00000	75.00000 HOUR	204,000.00	150,000.00	73.53%	-54,000.00
0505	630-00004 Traffic Control V	2.000 ehicle	6,500.00000	4,000.00000 EACH	13,000.00	8,000.00	61.54%	-5,000.00
0510	630-00007 Traffic Control Ir	73.000 spection	175.00000	250.00000 DAY	12,775.00	18,250.00	142.86%	5,475.00
0515	630-00012 Traffic Control M	145.000 lanagement	850.00000	1,250.00000 DAY	123,250.00	181,250.00	147.06%	58,000.00
0520	630-80001 Flashing Beacor	12.000 n (Portable)	1,000.00000	1,100.00000 EACH	12,000.00	13,200.00	110.00%	1,200.00
0525	630-80335 Barricade (Type	20.000 3 M-A) (Temporary)	130.00000	210.00000 EACH	2,600.00	4,200.00	161.54%	1,600.00
0530	630-80341 Construction Tra	48.000 affic Sign (Panel Size	45.00000 A)	65.00000 EACH	2,160.00	3,120.00	144.44%	960.00

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Contract ID: C20839

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0535	630-80342	84.000	90.00000	75.00000	7,560.00	6,300.00	83.33%	-1,260.00
	Construction Tra	affic Sign (Panel Size	e B)	EACH				
0540	630-80343	10.000	120.00000	85.00000	1,200.00	850.00	70.83%	-350.00
	Construction Tra	affic Sign (Panel Size	e C)	EACH				
0545	630-80355	6.000	4,200.00000	6,500.00000	25,200.00	39,000.00	154.76%	13,800.00
	Portable Messag	ge Sign Panel		EACH				
0550	630-80358	6.000	1,500.00000	1,600.00000	9,000.00	9,600.00	106.67%	600.00
	Advance Warnin Panel (C Type)	g Flashing or Seque	encing Arrow	EACH				
0555	630-80360	100.000	35.00000	37.00000	3,500.00	3,700.00	105.71%	200.00
	Drum Channeliz	ing Device		EACH				
0560	630-80380	400.000	10.00000	11.00000	4,000.00	4,400.00	110.00%	400.00

 Night Work Lighting
 L S

 Section 0001 Subtotal
 \$7,368,587.55
 \$7,599,000.00
 103.13%
 \$230,412.45

48,000.00000

450.00000

15,000.00000

**EACH** 

DAY

36,000.00

15,000.00

315.00000

**Contract Total for Calculated Low Bidders Bid Items** 

80.000

1.000

Traffic Cone

0565

0570

630-85041

632-00000

Mobile Attenuator

\$7,368,587.55 \$7,599,000.00 103.13% \$230,412.45

70.00%

320.00%

-10,800.00

33,000.00

25,200.00

48,000.00