# Colorado Department Of Transportation Low Bid Summary

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02/27/2020

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Letting Date: February 27, 2020

Call Order	Contract ID	Project(s)	# of Bids	Low Bidder	Estimated Cost	Corrected Bid	Percent of Estimate	Overrun (+) Underrun (-)
003	C20934	NHPP0702-359	4	Casper Electric, Inc.	\$3,853,681.00	\$3,425,884.84	88.90%	-\$427,796.16
Lettii	ng Totals		4		\$3,853,681.00	\$3,425,884.84	88.90%	-\$427,796.16

#### Vendor Ranking

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Contract ID: C20934

**Contract Description:** 

I-70 MP 117.8 NO NAME TUNNELS GARFIELD COUNTY.

WORK INCLUDES REMOVAL AND REPLACEMENT OF TUNNEL LIGHTING, REPLACEMENT OF DRAINAGE, AND TRAFFIC CONTROL.

A MANDATORY PRE-BID CONFERENCE WILL BE HELD ON TUESDAY FEBRUARY 11, 2020 BEGINNING AT 10:00AM AT THE CDOT RESIDENCY AT 202 CENTENNIAL ST, GLENWOOD SPRINGS, CO. BIDS WILL BE ACCEPTED ONLY FROM PRE-QUALIFIED BIDDERS WHO ATTEND THE MANDATORY PRE-BID CONFERENCE.

Rank	Vendor ID	Vendor Name	Total Bid	Percent Of Low Bid	Percent Of Estimate
1	1655	Casper Electric, Inc.	\$3,425,884.84	100.00%	88.90%
0	-EST-	Engineer's Estimate	\$3,853,681.00	112.49%	100.00%
2	720A	STURGEON ELECTRIC COMPANY, INC.	\$3,958,858.87	115.56%	102.73%
3	178A	MAIN ELECTRIC LTD	\$4,093,823.67	119.50%	106.23%
4	1476A	MORTON ELECTRIC, INC.	\$4,799,092.47	140.08%	124.53%

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				(0) -EST- Engineer's Estimate		(1) 1655 Casper Electric, Inc.		(2) 720A STURGEON ELECTRIC COMPANY, INC	
Item Code	Description	Quan	tity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS						LCC:		
202-00008	Tree Trimming	8.000 H	HOUR	300.00000	2,400.00	150.00000	1,200.00	5.90000	47.20
202-00047	Removal of Electrical Equipment	1.000	L S	5,000.00000	5,000.00	2,500.00000	2,500.00	3,451.00000	3,451.00
202-00495	Removal of Portions of Present Structure	1.000	LS	15,000.00000	15,000.00	5,750.00000	5,750.00	2,989.42000	2,989.42
202-00750	Removal of Luminaire	614.000	EACH	130.00000	79,820.00	125.00000	76,750.00	34.74000	21,330.36
203-00000	Unclassified Excavation	15.000	CY	250.00000	3,750.00	175.00000	2,625.00	200.38000	3,005.70
203-00400	Rock Excavation	15.000	CY	100.00000	1,500.00	275.00000	4,125.00	228.79000	3,431.85
203-01510	Backhoe	50.000 H	HOUR	150.00000	7,500.00	115.00000	5,750.00	127.98000	6,399.00
203-01597	Potholing	60.000 H	HOUR	460.00000	27,600.00	275.00000	16,500.00	111.70000	6,702.00
203-02330	Laborer	50.000 H	HOUR	60.00000	3,000.00	60.00000	3,000.00	136.88000	6,844.00
206-00100	Structure Backfill (Class 1)	10.000	CY	100.00000	1,000.00	310.00000	3,100.00	335.00000	3,350.00
208-00002	Erosion Log Type 1 (12 Inch)	2,742.000	LF	5.00000	13,710.00	4.50000	12,339.00	13.16000	36,084.72
208-00035	Aggregate Bag	100.000	LF	10.00000	1,000.00	11.50000	1,150.00	46.08000	4,608.00
208-00103	Removal and Disposal of Sediment (Labor)	16.000 H	HOUR	60.00000	960.00	60.00000	960.00	299.13000	4,786.08
208-00105	Removal and Disposal of Sediment (Equipment)	16.000 H	HOUR	120.00000	1,920.00	100.00000	1,600.00	493.56000	7,896.96
208-00106	Sweeping (Sediment Removal)	20.000 H	HOUR	125.00000	2,500.00	150.00000	3,000.00	385.95000	7,719.00

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				(0) -EST- Engineer's Estimate		(1) 165 Casper Elect		(2) 720A STURGEON ELECTRIC COMPANY, INC	
Item Code	Description	Quar	ntity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS						LCC:		
208-00107	Removal of Trash	20.000	HOUR	150.00000	3,000.00	135.00000	2,700.00	247.10000	4,942.00
208-00207	Erosion Control Management	35.000	DAY	600.00000	21,000.00	435.00000	15,225.00	485.60000	16,996.00
212-00006	Seeding (Native)	0.650	ACRE	4,000.00000	2,600.00	1,200.00000	780.00	2,107.69000	1,370.00
212-00032	Soil Conditioning	0.650	ACRE	5,000.00000	3,250.00	4,725.00000	3,071.25	3,861.54000	2,510.00
213-00012	Spray-on Mulch Blanket	0.650	ACRE	6,000.00000	3,900.00	4,445.00000	2,889.25	3,564.62000	2,317.00
240-00000	Wildlife Biologist	20.000	HOUR	130.00000	2,600.00	130.00000	2,600.00	186.00000	3,720.00
240-00010	Removal of Nests	40.000	HOUR	130.00000	5,200.00	120.00000	4,800.00	87.40000	3,496.00
240-00020	Netting	560.000	SY	15.00000	8,400.00	10.00000	5,600.00	12.43000	6,960.80
250-00010	Environmental Health and Safety Management	1.000	LS	6,000.00000	6,000.00	2,845.00000	2,845.00	4,053.00000	4,053.00
250-00110	Health and Safety Officer	10.000	HOUR	120.00000	1,200.00	125.00000	1,250.00	233.10000	2,331.00
250-00220	Hazardous Waste Disposal	1.000	CY	600.00000	600.00	520.00000	520.00	1,304.00000	1,304.00
601-03000	Concrete Class D	7.000	CY	2,000.00000	14,000.00	715.00000	5,005.00	453.28000	3,172.96
602-00020	Reinforcing Steel (Epoxy Coated)	800.000	LB	2.00000	1,600.00	4.00000	3,200.00	13.18000	10,544.00
604-51015	15 Inch Slotted Pipe Inlet	27.000	LF	8,900.00000	240,300.00	400.00000	10,800.00	646.40000	17,452.80
607-11525	Fence (Plastic)	2,742.000	LF	3.50000	9,597.00	5.25000	14,395.50	3.72000	10,200.24

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				(0) -EST- Engineer's Estimate		(1) 1655 Casper Electric, Inc.		(2) 720A STURGEON ELECTRI COMPANY, INC	
Item Code	Description	Quai	ntity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS						LCC:		
613-01200	2 Inch Electrical Conduit (Plastic)	4,550.000	LF	15.00000	68,250.00	20.00000	91,000.00	38.24000	173,992.00
613-01201	2 Inch Electrical Conduit (Plastic) (Special)	4,010.000	LF	25.00000	100,250.00	40.00000	160,400.00	23.76000	95,277.60
613-01300	3 Inch Electrical Conduit (Plastic)	380.000	LF	15.00000	5,700.00	25.00000	9,500.00	13.77000	5,232.60
613-01400	4 Inch Electrical Conduit (Plastic)	220.000	LF	50.00000	11,000.00	30.00000	6,600.00	28.89000	6,355.80
613-04100	Electrical System Modifications	1.000	LS	30,000.00000	30,000.00	5,000.00000	5,000.00	31,830.00000	31,830.00
613-07001	Type One Pull Box	18.000	EACH	1,000.00000	18,000.00	500.00000	9,000.00	437.05000	7,866.90
613-07002	Type Two Pull Box	4.000	EACH	1,000.00000	4,000.00	625.00000	2,500.00	774.25000	3,097.00
613-07010	Pull Box (Surface Mounted)	11.000	EACH	2,000.00000	22,000.00	1,000.00000	11,000.00	156.81000	1,724.91
613-07024	Pull Box (24"x24"x8")	25.000	EACH	1,000.00000	25,000.00	1,385.00000	34,625.00	42.12000	1,053.00
613-10000	Wiring	1.000	LS	200,000.00000	200,000.00	245,000.00000	245,000.00	358,935.00000	358,935.00
613-10010	Wiring (Special)	1.000	LS	15,000.00000	15,000.00	22,000.00000	22,000.00	2,000.00000	2,000.00
613-13000	Luminaire (LED) (Special)	2.000	EACH	2,500.00000	5,000.00	1,200.00000	2,400.00	826.00000	1,652.00
613-13030	Luminaire (LED)(30,000 Lumens)	676.000	EACH	2,400.00000	1,622,400. 00	2,150.00000	1,453,400. 00	2,344.92000	1,585,165. 92
613-13100	Luminare Mounting Support System	1.000	LS	25,000.00000	25,000.00	5,000.00000	5,000.00	126,087.00000	126,087.00
613-20300	Luminaire (Furnish Only)	10.000	EACH	1,700.00000	17,000.00	1,800.00000	18,000.00	389.10000	3,891.00

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				(0) -EST- Engineer's Estimate		(1) 1655 Casper Electric, Inc.		(2) 720A STURGEON ELECTRIC COMPANY, INC	
Item Code	Description	Quan	tity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS						LCC:		
613-50325	Tunnel Lighting Control System	1.000	LS	200,000.00000	200,000.00	400,000.00000	400,000.00	501,674.00000	501,674.00
620-00002	Field Office (Class 2)	1.000	EACH	30,000.00000	30,000.00	15,000.00000	15,000.00	20,076.00000	20,076.00
620-00020	Sanitary Facility	1.000	EACH	4,000.00000	4,000.00	10,000.00000	10,000.00	7,719.00000	7,719.00
626-00000	Mobilization	1.000	LS	400,000.00000	400,000.00	288,006.84000	288,006.84	103,265.00000	103,265.00
626-01113	Public Information Management (Tier III)	428.000	DAY	80.00000	34,240.00	45.00000	19,260.00	123.56000	52,883.68
627-00011	Pavement Marking Paint (Waterborne)	20.000	GAL	90.00000	1,800.00	132.00000	2,640.00	372.05000	7,441.00
630-00000	Flagging	2,500.000	HOUR	30.00000	75,000.00	28.00000	70,000.00	30.42000	76,050.00
630-00007	Traffic Control Inspection	120.000	DAY	500.00000	60,000.00	53.00000	6,360.00	547.60000	65,712.00
630-00012	Traffic Control Management	300.000	DAY	1,000.00000	300,000.00	925.00000	277,500.00	675.66000	202,698.00
630-80335	Barricade (Type 3 M-A) (Temporary)	2.000	EACH	825.00000	1,650.00	160.00000	320.00	693.00000	1,386.00
630-80341	Construction Traffic Sign (Panel Size A)	4.000	EACH	76.00000	304.00	16.00000	64.00	374.50000	1,498.00
630-80342	Construction Traffic Sign (Panel Size B)	47.000	EACH	71.00000	3,337.00	16.00000	752.00	354.53000	16,662.91
630-80343	Construction Traffic Sign (Panel Size C)	28.000	EACH	77.00000	2,156.00	16.00000	448.00	277.75000	7,777.00
630-80344	Construction Traffic Sign (Special)	119.000	SF	23.00000	2,737.00	21.00000	2,499.00	58.84000	7,001.96
630-80355	Portable Message Sign Panel	1.000	EACH	10,000.00000	10,000.00	1,600.00000	1,600.00	23,273.00000	23,273.00

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			(0) -EST- (1) 1655 Engineer's Estimate Casper Electric,			(2) 720 STURGEON E COMPANY	LECTRIC	
Item Code	Description	Quantity	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)	1.000 EACH	3,000.00000	3,000.00	525.00000	525.00	8,275.00000	8,275.00
630-80360	Drum Channelizing Device	40.000 EACH	30.00000	1,200.00	16.00000	640.00	48.55000	1,942.00
630-80363	Drum Channelizing Device (With Light) (Flashing)	40.000 EACH	35.00000	1,400.00	16.00000	640.00	59.65000	2,386.00
630-80367	Portable Traffic Speed Monitor	1.000 EACH	3,000.00000	3,000.00	525.00000	525.00	8,275.00000	8,275.00
630-80370	Barrier (Temporary)	150.000 LF	70.00000	10,500.00	75.00000	11,250.00	173.67000	26,050.50
630-80380	Traffic Cone	100.000 EACH	6.00000	600.00	6.00000	600.00	11.64000	1,164.00
630-80390	Channelizing Device (Special)	150.000 EACH	20.00000	3,000.00	26.00000	3,900.00	29.24000	4,386.00
630-85010	Impact Attenuator (Temporary)	1.000 EACH	7,250.00000	7,250.00	850.00000	850.00	7,164.00000	7,164.00
630-85020	Mobile Attenuator	2.000 EACH	20,000.00000	40,000.00	10,525.00000	21,050.00	94,961.50000	189,923.00
Section To	tals:		\$3,85	3,681.00	\$3,42	5,884.84	\$3,95	58,858.87
Contract (	Grand Totals		\$3,8	53,681.00	\$3,42	25,884.84	\$3,9	958,858.87

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			(3) 178A MAIN ELECTRIC LTD		(4) 1476 MORTON ELE INC.			
Item Code	Description	Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS					LCC:		
202-00008	Tree Trimming	8.000 HOUR	107.00000	856.00	100.00000	800.00		
202-00047	Removal of Electrical Equipment	1.000 LS	13,868.00000	13,868.00	5,000.00000	5,000.00		
202-00495	Removal of Portions of Present Structure	1.000 LS	12,174.00000	12,174.00	30,316.00000	30,316.00		
202-00750	Removal of Luminaire	614.000 EACH	78.00000	47,892.00	89.72980	55,094.10		
203-00000	Unclassified Excavation	15.000 CY	113.00000	1,695.00	125.00000	1,875.00		
203-00400	Rock Excavation	15.000 CY	271.00000	4,065.00	400.00000	6,000.00		
203-01510	Backhoe	50.000 HOUR	131.00000	6,550.00	120.00000	6,000.00		
203-01597	Potholing	60.000 HOUR	428.74000	25,724.40	250.00000	15,000.00		
203-02330	Laborer	50.000 HOUR	71.46000	3,573.00	75.00000	3,750.00		
206-00100	Structure Backfill (Class 1)	10.000 CY	323.90000	3,239.00	974.00000	9,740.00		
208-00002	Erosion Log Type 1 (12 Inch)	2,742.000 LF	5.16000	14,148.72	5.00000	13,710.00		
208-00035	Aggregate Bag	100.000 LF	13.21000	1,321.00	9.00000	900.00		
208-00103	Removal and Disposal of Sediment (Labor)	16.000 HOUR	71.44000	1,143.04	52.00000	832.00		
208-00105	Removal and Disposal of Sediment (Equipment)	16.000 HOUR	103.63000	1,658.08	193.00000	3,088.00		
208-00106	Sweeping (Sediment Removal)	20.000 HOUR	131.00000	2,620.00	40.00000	800.00		

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				(3) 178A MAIN ELECTRIC LTD		(4) 1476A MORTON ELECTRIC, INC.			
Item Code	Description	Quar	ntity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS						LCC:		
208-00107	Removal of Trash	20.000	HOUR	73.40000	1,468.00	100.00000	2,000.00		
208-00207	Erosion Control Management	35.000	DAY	612.00000	21,420.00	990.00000	34,650.00		
212-00006	Seeding (Native)	0.650	ACRE	1,340.00000	871.00	1,969.00000	1,279.85		
212-00032	Soil Conditioning	0.650	ACRE	5,303.00000	3,446.95	3,740.00000	2,431.00		
213-00012	Spray-on Mulch Blanket	0.650	ACRE	5,026.00000	3,266.90	5,225.00000	3,396.25		
240-00000	Wildlife Biologist	20.000	HOUR	143.00000	2,860.00	132.00000	2,640.00		
240-00010	Removal of Nests	40.000	HOUR	65.50000	2,620.00	121.00000	4,840.00		
240-00020	Netting	560.000	SY	11.70000	6,552.00	10.45000	5,852.00		
250-00010	Environmental Health and Safety	1.000	LS	3,215.00000	3,215.00	2,970.00000	2,970.00		
250-00110	Management Health and Safety Officer	10.000	HOUR	137.00000	1,370.00	127.00000	1,270.00		
	Hazardous Waste Disposal	1.000	CY	268.00000	268.00	248.00000	248.00		
	·								
601-03000	Concrete Class D	7.000	CY	1,489.00000	,	2,548.57140	ŕ		
602-00020	Reinforcing Steel (Epoxy Coated)	800.000	LB	3.87000	3,096.00	5.22500	4,180.00		
604-51015	15 Inch Slotted Pipe Inlet	27.000	LF	311.00000	8,397.00	1,474.00000	39,798.00		
607-11525	Fence (Plastic)	2,742.000	LF	2.83000	7,759.86	7.00000	19,194.00		

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				(3) 178A MAIN ELECTRIC LTD		(4) 1476A MORTON ELECTRIC, INC.			
Item Code	Description	Quan	tity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS						LCC:		
613-01200	2 Inch Electrical Conduit (Plastic)	4,550.000	LF	24.61000	111,975.50	9.65000	43,907.50		
613-01201	2 Inch Electrical Conduit (Plastic) (Special)	4,010.000	LF	62.42000	250,304.20	27.73290	111,208.93		
613-01300	3 Inch Electrical Conduit (Plastic)	380.000	LF	67.84000	25,779.20	39.45000	14,991.00		
613-01400	4 Inch Electrical Conduit (Plastic)	220.000	LF	77.97000	17,153.40	50.35000	11,077.00		
613-04100	Electrical System Modifications	1.000	LS	62,194.00000	62,194.00	46,444.24000	46,444.24		
613-07001	Type One Pull Box	18.000	EACH	754.94000	13,588.92	893.00000	16,074.00		
613-07002	Type Two Pull Box	4.000	EACH	795.25000	3,181.00	1,119.00000	4,476.00		
613-07010	Pull Box (Surface Mounted)	11.000	EACH	1,468.00000	16,148.00	2,946.11270	32,407.24		
613-07024	Pull Box (24"x24"x8")	25.000	EACH	1,960.00000	49,000.00	2,071.11200	51,777.80		
613-10000	Wiring	1.000	LS	289,208.00000	289,208.00	339,187.96000	339,187.96		
613-10010	Wiring (Special)	1.000	LS	51,032.00000	51,032.00	44,750.16000	44,750.16		
613-13000	Luminaire (LED) (Special)	2.000	EACH	1,508.00000	3,016.00	900.00000	1,800.00		
613-13030	Luminaire (LED)(30,000 Lumens)	676.000	EACH	2,218.00000		2,635.89900			
613-13100	Luminare Mounting Support System	1.000	L S	69,033.00000	00 69,033.00	104,916.41000	72 104,916.41		
613-20300	Luminaire (Furnish Only)	10.000	EACH	1,872.00000	18,720.00	2,070.00000	20,700.00		

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				(3) 178A MAIN ELECTRIC LTD		(4) 1476 MORTON ELE INC.			
Item Code	Description	Quanti	ity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS						LCC:		
613-50325	Tunnel Lighting Control System	1.000	LS	513,457.00000	513,457.00	564,483.81000	564,483.81		
620-00002	Field Office (Class 2)	1.000 ⊟	ACH	57,164.00000	57,164.00	30,000.00000	30,000.00		
620-00020	Sanitary Facility	1.000 ⊟	ACH	11,671.00000	11,671.00	14,160.00000	14,160.00		
626-00000	Mobilization	1.000	LS	319,614.00000	319,614.00	613,053.00000	613,053.00		
626-01113	Public Information Management (Tier III)	428.000	DAY	82.24000	35,198.72	120.00000	51,360.00		
627-00011	Pavement Marking Paint (Waterborne)	20.000	GAL	149.00000	2,980.00	138.00000	2,760.00		
630-00000	Flagging	2,500.000 H	OUR	30.96000	77,400.00	30.00000	75,000.00		
630-00007	Traffic Control Inspection	120.000	DAY	59.54000	7,144.80	534.00000	64,080.00		
630-00012	Traffic Control Management	300.000	DAY	1,042.05000	312,615.00	666.00000	199,800.00		
630-80335	Barricade (Type 3 M-A) (Temporary)	2.000 E	ACH	179.00000	358.00	165.00000	330.00		
630-80341	Construction Traffic Sign (Panel Size A)	4.000 E	ACH	18.00000	72.00	110.00000	440.00		
630-80342	Construction Traffic Sign (Panel Size B)	47.000 E	ACH	18.00000	846.00	165.00000	7,755.00		
630-80343	Construction Traffic Sign (Panel Size C)	28.000 E	ACH	18.00000	504.00	275.00000	7,700.00		
630-80344	Construction Traffic Sign (Special)	119.000	SF	23.82000	2,834.58	49.50000	5,890.50		
630-80355	Portable Message Sign Panel	1.000 ⊑	ACH	1,786.00000	1,786.00	22,000.00000	22,000.00		

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			(3) 178A MAIN ELECTRIC LTD		(4) 1476 MORTON ELE INC.			
Item Code	Description	Quantity	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)	1.000 EACH	595.00000	595.00	7,150.00000	7,150.00		
630-80360	Drum Channelizing Device	40.000 EACH	17.88000	715.20	22.00000	880.00		
630-80363	Drum Channelizing Device (With Light) (Flashing)	40.000 EACH	17.88000	715.20	33.00000	1,320.00		
630-80367	Portable Traffic Speed Monitor	1.000 EACH	595.00000	595.00	7,150.00000	7,150.00		
630-80370	Barrier (Temporary)	150.000 LF	136.43000	20,464.50	41.00000	6,150.00		
630-80380	Traffic Cone	100.000 EACH	5.95000	595.00	2.00000	200.00		
630-80390	Channelizing Device (Special)	150.000 EACH	29.77000	4,465.50	22.00000	3,300.00		
630-85010	Impact Attenuator (Temporary)	1.000 EACH	953.00000	953.00	6,050.00000	6,050.00		
630-85020	Mobile Attenuator	2.000 EACH	11,909.00000	23,818.00	93,500.00000	187,000.00		
Section To	tals:		\$4,09	3,823.67	\$4,79	99,092.47		
Contract (	Grand Totals		\$4,0	93,823.67	\$4,79	99,092.47		

## Low Bid Item Analysis

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Printed On:

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0005	202-00008 Tree Trimming	8.000	300.00000	150.00000 HOUR	2,400.00	1,200.00	50.00%	-1,200.00
0010	202-00047 Removal of Elec	1.000 trical Equipment	5,000.00000	2,500.00000 L S	5,000.00	2,500.00	50.00%	-2,500.00
0015	202-00495 Removal of Porti	1.000 ons of Present Str	15,000.00000 ucture	5,750.00000 L S	15,000.00	5,750.00	38.33%	-9,250.00
0020	202-00750 Removal of Lumi	614.000 naire	130.00000	125.00000 EACH	79,820.00	76,750.00	96.15%	-3,070.00
0025	203-00000 Unclassified Exc	15.000 avation	250.00000	175.00000 CY	3,750.00	2,625.00	70.00%	-1,125.00
0030	203-00400 Rock Excavation	15.000	100.00000	275.00000 CY	1,500.00	4,125.00	275.00%	2,625.00
0035	203-01510 Backhoe	50.000	150.00000	115.00000 HOUR	7,500.00	5,750.00	76.67%	-1,750.00
0040	203-01597 Potholing	60.000	460.00000	275.00000 HOUR	27,600.00	16,500.00	59.78%	-11,100.00
0045	203-02330 Laborer	50.000	60.00000	60.00000 HOUR	3,000.00	3,000.00	100.00%	0.00
0050	206-00100 Structure Backfill	10.000 (Class 1)	100.00000	310.00000 CY	1,000.00	3,100.00	310.00%	2,100.00
0055	208-00002 Erosion Log Type	2,742.000 e 1 (12 Inch)	5.00000	4.50000 LF	13,710.00	12,339.00	90.00%	-1,371.00
0060	208-00035 Aggregate Bag	100.000	10.00000	11.50000 LF	1,000.00	1,150.00	115.00%	150.00

## Low Bid Item Analysis

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Printed On:

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0065	208-00103 Removal and Disp	16.000 posal of Sediment	60.00000 (Labor)	60.00000 HOUR	960.00	960.00	100.00%	0.00
0070	208-00105 Removal and Disp	16.000 posal of Sediment	120.00000 (Equipment)	100.00000 HOUR	1,920.00	1,600.00	83.33%	-320.00
0075	208-00106 Sweeping (Sedim	20.000 ent Removal)	125.00000	150.00000 HOUR	2,500.00	3,000.00	120.00%	500.00
0800	208-00107 Removal of Trash	20.000	150.00000	135.00000 HOUR	3,000.00	2,700.00	90.00%	-300.00
0085	208-00207 Erosion Control M	35.000 lanagement	600.00000	435.00000 DAY	21,000.00	15,225.00	72.50%	-5,775.00
0090	212-00006 Seeding (Native)	0.650	4,000.00000	1,200.00000 ACRE	2,600.00	780.00	30.00%	-1,820.00
0095	212-00032 Soil Conditioning	0.650	5,000.00000	4,725.00000 ACRE	3,250.00	3,071.25	94.50%	-178.75
0100	213-00012 Spray-on Mulch B	0.650 lanket	6,000.00000	4,445.00000 ACRE	3,900.00	2,889.25	74.08%	-1,010.75
0105	240-00000 Wildlife Biologist	20.000	130.00000	130.00000 HOUR	2,600.00	2,600.00	100.00%	0.00
0110	240-00010 Removal of Nests	40.000	130.00000	120.00000 HOUR	5,200.00	4,800.00	92.31%	-400.00
0115	240-00020 Netting	560.000	15.00000	10.00000 SY	8,400.00	5,600.00	66.67%	-2,800.00
0120	250-00010 Environmental He	1.000 alth and Safety M	6,000.00000 anagement	2,845.00000 L S	6,000.00	2,845.00	47.42%	-3,155.00

## Low Bid Item Analysis

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Printed On:

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0125	250-00110 Health and Safet	10.000 y Officer	120.00000	125.00000 HOUR	1,200.00	1,250.00	104.17%	50.00
0130	250-00220 Hazardous Wast	1.000 e Disposal	600.00000	520.00000 CY	600.00	520.00	86.67%	-80.00
0135	601-03000 Concrete Class D	7.000 )	2,000.00000	715.00000 CY	14,000.00	5,005.00	35.75%	-8,995.00
0140	602-00020 Reinforcing Steel	800.000 (Epoxy Coated)	2.00000	4.00000 LB	1,600.00	3,200.00	200.00%	1,600.00
0145	604-51015 15 Inch Slotted P	27.000 ipe Inlet	8,900.00000	400.00000 LF	240,300.00	10,800.00	4.49%	-229,500.00
150	607-11525 Fence (Plastic)	2,742.000	3.50000	5.25000 LF	9,597.00	14,395.50	150.00%	4,798.50
155	613-01200 2 Inch Electrical	4,550.000 Conduit (Plastic)	15.00000	20.00000 LF	68,250.00	91,000.00	133.33%	22,750.00
160	613-01201 2 Inch Electrical	4,010.000 Conduit (Plastic) (S	25.00000 special)	40.00000 LF	100,250.00	160,400.00	160.00%	60,150.00
165	613-01300 3 Inch Electrical	380.000 Conduit (Plastic)	15.00000	25.00000 LF	5,700.00	9,500.00	166.67%	3,800.00
170	613-01400 4 Inch Electrical	220.000 Conduit (Plastic)	50.00000	30.00000 LF	11,000.00	6,600.00	60.00%	-4,400.00
175	613-04100 Electrical System	1.000 Modifications	30,000.00000	5,000.00000 L S	30,000.00	5,000.00	16.67%	-25,000.00
0180	613-07001 Type One Pull Bo	18.000 ox	1,000.00000	500.00000 EACH	18,000.00	9,000.00	50.00%	-9,000.00

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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						
0185	613-07002 Type Two Pull B	4.000 ox	1,000.00000	625.00000 EACH	4,000.00	2,500.00	62.50%	-1,500.00
0190	613-07010 Pull Box (Surface	11.000 e Mounted)	2,000.00000	1,000.00000 EACH	22,000.00	11,000.00	50.00%	-11,000.00
0195	613-07024 Pull Box (24"x24	25.000 "x8")	1,000.00000	1,385.00000 EACH	25,000.00	34,625.00	138.50%	9,625.00
0200	613-10000 Wiring	1.000	200,000.00000	245,000.00000 L S	200,000.00	245,000.00	122.50%	45,000.00
0205	613-10010 Wiring (Special)	1.000	15,000.00000	22,000.00000 L S	15,000.00	22,000.00	146.67%	7,000.00
0210	613-13000 Luminaire (LED)	2.000 (Special)	2,500.00000	1,200.00000 EACH	5,000.00	2,400.00	48.00%	-2,600.00
0215	613-13030 Luminaire (LED)	676.000 (30,000 Lumens)	2,400.00000	2,150.00000 EACH	1,622,400.00	1,453,400.00	89.58%	-169,000.00
0220	613-13100 Luminare Mount	1.000 ing Support Systen	25,000.00000 1	5,000.00000 L S	25,000.00	5,000.00	20.00%	-20,000.00
0225	613-20300 Luminaire (Furni	10.000 sh Only)	1,700.00000	1,800.00000 EACH	17,000.00	18,000.00	105.88%	1,000.00
0230	613-50325 Tunnel Lighting (	1.000 Control System	200,000.00000	400,000.00000 L S	200,000.00	400,000.00	200.00%	200,000.00
0235	620-00002 Field Office (Clas	1.000 ss 2)	30,000.00000	15,000.00000 EACH	30,000.00	15,000.00	50.00%	-15,000.00
0240	620-00020 Sanitary Facility	1.000	4,000.00000	10,000.00000 EACH	4,000.00	10,000.00	250.00%	6,000.00

## Low Bid Item Analysis

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Printed On:

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0245	626-00000 Mobilization	1.000	400,000.00000	288,006.84000 L S	400,000.00	288,006.84	72.00%	-111,993.16
0250	626-01113 Public Information	428.000 on Management (T	80.00000 ier III)	45.00000 DAY	34,240.00	19,260.00	56.25%	-14,980.00
0255	627-00011 Pavement Marki	20.000 ng Paint (Waterbo	90.00000 rne)	132.00000 GAL	1,800.00	2,640.00	146.67%	840.00
0260	630-00000 Flagging	2,500.000	30.00000	28.00000 HOUR	75,000.00	70,000.00	93.33%	-5,000.00
0265	630-00007 Traffic Control Ir	120.000 spection	500.00000	53.00000 DAY	60,000.00	6,360.00	10.60%	-53,640.00
0270	630-00012 Traffic Control M	300.000 lanagement	1,000.00000	925.00000 DAY	300,000.00	277,500.00	92.50%	-22,500.00
0275	630-80335 Barricade (Type	2.000 3 M-A) (Temporar	825.00000 y)	160.00000 EACH	1,650.00	320.00	19.39%	-1,330.00
0280	630-80341 Construction Tra	4.000 affic Sign (Panel Si	76.00000 ze A)	16.00000 EACH	304.00	64.00	21.05%	-240.00
0285	630-80342 Construction Tra	47.000 affic Sign (Panel Si	71.00000 ze B)	16.00000 EACH	3,337.00	752.00	22.54%	-2,585.00
0290	630-80343 Construction Tra	28.000 affic Sign (Panel Si	77.00000 ze C)	16.00000 EACH	2,156.00	448.00	20.78%	-1,708.00
0295	630-80344 Construction Tra	119.000 affic Sign (Special)	23.00000	21.00000 SF	2,737.00	2,499.00	91.30%	-238.00
0300	630-80355 Portable Messag	1.000 ge Sign Panel	10,000.00000	1,600.00000 EACH	10,000.00	1,600.00	16.00%	-8,400.00

## 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	630-80358 Advance Warnin Panel (C Type)	1.000 g Flashing or Sequ	3,000.00000 encing Arrow	525.00000 EACH	3,000.00	525.00	17.50%	-2,475.00
0310	630-80360 Drum Channelizi	40.000 ng Device	30.00000	16.00000 EACH	1,200.00	640.00	53.33%	-560.00
0315	630-80363 Drum Channelizi (Flashing)	40.000 ng Device (With Lig	35.00000 ght)	16.00000 EACH	1,400.00	640.00	45.71%	-760.00
0320	630-80367 Portable Traffic S	1.000 Speed Monitor	3,000.00000	525.00000 EACH	3,000.00	525.00	17.50%	-2,475.00
0325	630-80370 Barrier (Tempora	150.000 ary)	70.00000	75.00000 LF	10,500.00	11,250.00	107.14%	750.00
0330	630-80380 Traffic Cone	100.000	6.00000	6.00000 EACH	600.00	600.00	100.00%	0.00
0335	630-80390 Channelizing De	150.000 vice (Special)	20.00000	26.00000 EACH	3,000.00	3,900.00	130.00%	900.00
0340	630-85010 Impact Attenuate	1.000 or (Temporary)	7,250.00000	850.00000 EACH	7,250.00	850.00	11.72%	-6,400.00
0345	630-85020 Mobile Attenuato	2.000 or	20,000.00000	10,525.00000 EACH	40,000.00	21,050.00	52.63%	-18,950.00
Section 0	001 Subtotal				\$3,853,681.00	\$3,425,884.84	88.90%	-\$427,796.16
Contrac	ct Total for Cald	ulated Low Bidd	lers Bid Items		\$3,853,681.00	\$3,425,884.84	88.90%	-\$427,796.16