

Colorado Department Of Transportation

Printed On: 11/16/2020

Low Bid Summary

Page 1 of 1

Letting Date: November 12, 2020

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Call Order	Contract ID	Project(s)	# of Bids	Low Bidder	Estimated Cost	Corrected Bid	Percent of Estimate	Overrun (+) Underrun (-)
006	C23617	SHE391A-016	4	INTERFACE COMMUNICATIONS COMPANY	\$605,729.00	\$525,794.00	86.80%	-\$79,935.00
Letting Totals			4		\$605,729.00	\$525,794.00	86.80%	-\$79,935.00

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## Vendor Ranking

Contract ID: C23617

## Contract Description:

SHE 391-016 (23617) - KIPLING (SH 391) AND W. 48TH AVE TRAFFIC SIGNAL REPLACEMENT PROJECT LOCATED IN REGION 1 IN JEFFERSON COUNTY. THIS PROJECT INCLUDES REMOVAL AND REPLACEMENT OF FOUR TRAFFIC SIGNALS AND ADA CURB RAMP REPLACEMENTS AT THE I-70 & KIPLING INTERCHANGE AND W. 48TH AVE.

Rank	Vendor ID	Vendor Name	Total Bid	Percent Of Low Bid	Percent Of Estimate
1	1231A	INTERFACE COMMUNICATIONS COMPANY	\$525,794.00	100.00%	86.80%
0	-EST-	Engineer's Estimate	\$605,729.00	115.20%	100.00%
2	697A	W.L. CONTRACTORS, INC.	\$627,999.00	119.44%	103.68%
3	720A	STURGEON ELECTRIC COMPANY, INC.	\$629,995.00	119.82%	104.01%
4	1476A	MORTON ELECTRIC, INC.	\$870,408.50	165.54%	143.70%

Tabulation of Bids

Contract ID: C23617

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1231A INTERFACE COMMUNICATIONS		(2) 697A W.L. CONTRACTORS, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001	BID ITEMS						
						<b>LCC:</b>		
202-00195	Removal of Median Cover	5.000 SY	56.00000	280.00	57.00000	285.00	63.00000	315.00
202-00200	Removal of Sidewalk	31.000 SY	50.00000	1,550.00	40.00000	1,240.00	44.00000	1,364.00
202-00203	Removal of Curb and Gutter	8.000 LF	10.50000	84.00	23.00000	184.00	31.50000	252.00
202-00206	Removal of Concrete Curb Ramp	130.000 SY	45.00000	5,850.00	40.00000	5,200.00	44.00000	5,720.00
202-00220	Removal of Asphalt Mat	29.000 SY	21.50000	623.50	60.00000	1,740.00	38.00000	1,102.00
202-00828	Removal of Traffic Signal Equipment	1.000 L S	10,000.00000	10,000.00	6,094.00000	6,094.00	5,935.00000	5,935.00
202-04002	Clean Culvert	1.000 EACH	1,000.00000	1,000.00	1,710.00000	1,710.00	355.00000	355.00
203-01597	Potholing	20.000 HOUR	250.00000	5,000.00	277.00000	5,540.00	260.00000	5,200.00
203-02330	Laborer	40.000 HOUR	50.00000	2,000.00	33.00000	1,320.00	42.00000	1,680.00
208-00002	Erosion Log Type 1 (12 Inch)	100.000 LF	8.00000	800.00	6.00000	600.00	6.00000	600.00
208-00035	Aggregate Bag	100.000 LF	8.00000	800.00	9.00000	900.00	12.00000	1,200.00
208-00046	Pre-fabricated Concrete Washout Structure (Type 1)	1.000 EACH	1,500.00000	1,500.00	1,254.00000	1,254.00	850.00000	850.00
208-00053	Storm Drain Inlet Protection (Type I) (84 Inch)	4.000 EACH	100.00000	400.00	314.00000	1,256.00	335.00000	1,340.00
208-00054	Storm Drain Inlet Protection (Type II)	2.000 EACH	150.00000	300.00	285.00000	570.00	440.00000	880.00
208-00070	Vehicle Tracking Pad	1.000 EACH	2,000.00000	2,000.00	1,938.00000	1,938.00	2,960.00000	2,960.00

Tabulation of Bids

Contract ID: C23617

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1231A INTERFACE COMMUNICATIONS COMPANY		(2) 697A W.L. CONTRACTORS, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001	BID ITEMS						
						<b>LCC:</b>		
208-00103	Removal and Disposal of Sediment (Labor)	10.000 HOUR	50.00000	500.00	75.00000	750.00	42.00000	420.00
208-00106	Sweeping (Sediment Removal)	10.000 HOUR	150.00000	1,500.00	96.00000	960.00	185.00000	1,850.00
208-00107	Removal of Trash	10.000 HOUR	100.00000	1,000.00	33.00000	330.00	60.00000	600.00
210-00815	Reset Sign Panel	5.000 EACH	200.00000	1,000.00	154.00000	770.00	135.00000	675.00
210-00859	Modify Pedestrian Push Button	3.000 EACH	500.00000	1,500.00	195.00000	585.00	85.00000	255.00
210-00860	Reset Pedestrian Push Button	3.000 EACH	50.00000	150.00	195.00000	585.00	85.00000	255.00
210-01050	Reset Chain Link Fence	50.000 LF	13.00000	650.00	36.00000	1,800.00	22.00000	1,100.00
212-00050	Sod	110.000 SF	2.75000	302.50	4.00000	440.00	8.50000	935.00
304-06000	Aggregate Base Course (Class 6)	20.000 TON	60.00000	1,200.00	154.00000	3,080.00	169.00000	3,380.00
403-00720	Hot Mix Asphalt (Patching) (Asphalt)	10.000 TON	120.00000	1,200.00	513.00000	5,130.00	560.00000	5,600.00
503-00036	Drilled Shaft (36 Inch)	57.000 LF	375.00000	21,375.00	375.00000	21,375.00	595.00000	33,915.00
503-00048	Drilled Shaft (48 Inch)	21.000 LF	525.00000	11,025.00	481.00000	10,101.00	825.00000	17,325.00
607-11525	Fence (Plastic)	50.000 LF	8.00000	400.00	4.00000	200.00	4.00000	200.00
607-52900	Line Post (Chain Link)	6.000 EACH	85.00000	510.00	162.00000	972.00	21.50000	129.00
608-00006	Concrete Sidewalk (6 Inch)	29.000 SY	150.00000	4,350.00	123.00000	3,567.00	135.00000	3,915.00

Tabulation of Bids

Contract ID: C23617

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1231A INTERFACE COMMUNICATIONS COMPANY		(2) 697A W.L. CONTRACTORS, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001	BID ITEMS						
						<b>LCC:</b>		
608-00010	Concrete Curb Ramp	116.000 SY	270.00000	31,320.00	260.00000	30,160.00	281.00000	32,596.00
608-00015	Detectable Warnings	20.000 SF	100.00000	2,000.00	94.00000	1,880.00	102.00000	2,040.00
609-21020	Curb and Gutter Type 2 (Section II-B)	49.000 LF	60.00000	2,940.00	69.00000	3,381.00	75.00000	3,675.00
610-00030	Median Cover Material (Concrete)	41.000 SF	19.00000	779.00	25.00000	1,025.00	28.00000	1,148.00
613-00206	2 Inch Electrical Conduit (Bored)	350.000 LF	20.00000	7,000.00	27.00000	9,450.00	25.00000	8,750.00
613-00306	3 Inch Electrical Conduit (Bored)	700.000 LF	25.00000	17,500.00	29.00000	20,300.00	26.00000	18,200.00
613-01200	2 Inch Electrical Conduit (Plastic)	150.000 LF	13.00000	1,950.00	13.00000	1,950.00	14.00000	2,100.00
613-01300	3 Inch Electrical Conduit (Plastic)	300.000 LF	15.00000	4,500.00	16.00000	4,800.00	18.00000	5,400.00
613-07004	Type Four Pull Box	8.000 EACH	1,300.00000	10,400.00	1,635.00000	13,080.00	1,330.00000	10,640.00
613-07005	Type Five Pull Box	1.000 EACH	2,000.00000	2,000.00	2,084.00000	2,084.00	1,950.00000	1,950.00
613-10000	Wiring	1.000 L S	6,500.00000	6,500.00	5,285.00000	5,285.00	9,850.00000	9,850.00
613-13008	Luminaire (LED) (8,000 Lumens)	4.000 EACH	1,000.00000	4,000.00	646.00000	2,584.00	929.00000	3,716.00
613-80130	Service Meter Cabinet	1.000 EACH	6,000.00000	6,000.00	5,898.00000	5,898.00	5,500.00000	5,500.00
614-00011	Sign Panel (Class I)	30.000 SF	30.00000	900.00	25.00000	750.00	34.00000	1,020.00
614-70150	Pedestrian Signal Face (16) (Countdown)	8.000 EACH	700.00000	5,600.00	438.00000	3,504.00	564.00000	4,512.00

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Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1231A INTERFACE COMMUNICATIONS COMPANY		(2) 697A W.L. CONTRACTORS, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001	BID ITEMS						
						<b>LCC:</b>		
614-70336	Traffic Signal Face (12-12-12)	16.000 EACH	700.00000	11,200.00	529.00000	8,464.00	685.00000	10,960.00
614-70448	Traffic Signal Face (12-12-12-12)	4.000 EACH	1,000.00000	4,000.00	696.00000	2,784.00	873.00000	3,492.00
614-72836	Conflict Monitor	1.000 EACH	1,000.00000	1,000.00	1,010.00000	1,010.00	1,000.00000	1,000.00
614-72855	Traffic Signal Controller Cabinet	1.000 EACH	17,000.00000	17,000.00	13,246.00000	13,246.00	15,025.00000	15,025.00
614-72860	Pedestrian Push Button	8.000 EACH	600.00000	4,800.00	280.00000	2,240.00	240.00000	1,920.00
614-72863	Pedestrian Push Button Post Assembly	3.000 EACH	1,600.00000	4,800.00	1,258.00000	3,774.00	900.00000	2,700.00
614-72866	Fire Preemption Unit and Timer	4.000 EACH	3,500.00000	14,000.00	1,482.00000	5,928.00	2,165.00000	8,660.00
614-72887	Microwave Vehicle Radar Detector	6.000 EACH	9,000.00000	54,000.00	6,048.00000	36,288.00	7,675.00000	46,050.00
614-81130	Traffic Signal-Light Pole Steel (1-30 Foot Mast Arm)	1.000 EACH	10,000.00000	10,000.00	13,491.00000	13,491.00	11,550.00000	11,550.00
614-81140	Traffic Signal-Light Pole Steel (1-40 Foot Mast Arm)	1.000 EACH	13,500.00000	13,500.00	15,429.00000	15,429.00	13,325.00000	13,325.00
614-81150	Traffic Signal-Light Pole Steel (1-50 Foot Mast Arm)	1.000 EACH	15,000.00000	15,000.00	15,999.00000	15,999.00	14,150.00000	14,150.00
614-81160	Traffic Signal Light Pole Steel (1-60 Foot Mast Arm)	1.000 EACH	23,500.00000	23,500.00	22,839.00000	22,839.00	22,820.00000	22,820.00
614-86248	Traffic Signal Controller (Type 2070LC)	1.000 EACH	5,000.00000	5,000.00	5,978.00000	5,978.00	6,810.00000	6,810.00
614-86800	Uninterrupted Power Supply	1.000 EACH	4,000.00000	4,000.00	6,527.00000	6,527.00	6,815.00000	6,815.00

Tabulation of Bids

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Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1231A INTERFACE COMMUNICATIONS COMPANY		(2) 697A W.L. CONTRACTORS, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001	BID ITEMS						
						<b>LCC:</b>		
614-87010	Fiber Optic Cable (Single Mode) (12 Fiber)	450.000 LF	6.00000	2,700.00	8.00000	3,600.00	4.50000	2,025.00
614-87012	Fiber Optic Termination Panel (12 Fiber)	1.000 EACH	1,000.00000	1,000.00	794.00000	794.00	1,250.00000	1,250.00
614-87320	Closed Circuit Television	1.000 EACH	6,000.00000	6,000.00	4,592.00000	4,592.00	4,805.00000	4,805.00
614-87350	Test Fiber Optic Cable	1.000 L S	2,000.00000	2,000.00	3,454.00000	3,454.00	1,875.00000	1,875.00
614-87692	Ethernet Switch Type II	1.000 EACH	5,750.00000	5,750.00	3,345.00000	3,345.00	6,285.00000	6,285.00
620-00005	Field Office (Special)	1.000 EACH	20,000.00000	20,000.00	6,208.00000	6,208.00	22,780.00000	22,780.00
620-00020	Sanitary Facility	1.000 EACH	2,000.00000	2,000.00	371.00000	371.00	200.00000	200.00
625-00000	Construction Surveying	1.000 L S	5,000.00000	5,000.00	8,756.00000	8,756.00	9,590.00000	9,590.00
626-00000	Mobilization	1.000 L S	40,000.00000	40,000.00	42,206.00000	42,206.00	48,695.00000	48,695.00
626-01114	Public Information Management (Tier IV)	105.000 DAY	80.00000	8,400.00	60.00000	6,300.00	95.00000	9,975.00
627-30410	Preformed Thermoplastic Pavement Marking (Xwalk-Stop Line)	100.000 SF	25.00000	2,500.00	22.00000	2,200.00	26.00000	2,600.00
630-00000	Flagging	300.000 HOUR	30.00000	9,000.00	35.00000	10,500.00	30.00000	9,000.00
630-00003	Uniformed Traffic Control	150.000 HOUR	100.00000	15,000.00	50.00000	7,500.00	87.00000	13,050.00
630-00006	Uniformed Traffic Control (Vehicle)	150.000 HOUR	35.00000	5,250.00	6.00000	900.00	62.00000	9,300.00
630-00007	Traffic Control Inspection	30.000 DAY	250.00000	7,500.00	57.00000	1,710.00	150.00000	4,500.00

Tabulation of Bids

Contract ID: C23617

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1231A INTERFACE COMMUNICATIONS COMPANY		(2) 697A W.L. CONTRACTORS, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001	BID ITEMS						
					<b>LCC:</b>			
630-00012	Traffic Control Management	75.000 DAY	750.00000	56,250.00	766.00000	57,450.00	935.00000	70,125.00
630-80335	Barricade (Type 3 M-A) (Temporary)	2.000 EACH	200.00000	400.00	57.00000	114.00	237.00000	474.00
630-80341	Construction Traffic Sign (Panel Size A)	22.000 EACH	60.00000	1,320.00	23.00000	506.00	69.00000	1,518.00
630-80342	Construction Traffic Sign (Panel Size B)	36.000 EACH	70.00000	2,520.00	52.00000	1,872.00	81.00000	2,916.00
630-80355	Portable Message Sign Panel	4.000 EACH	4,000.00000	16,000.00	2,280.00000	9,120.00	3,745.00000	14,980.00
630-80357	Advance Warning Flashing or Sequencing Arrow Panel (B Type)	2.000 EACH	1,500.00000	3,000.00	285.00000	570.00	1,875.00000	3,750.00
630-80360	Drum Channelizing Device	40.000 EACH	40.00000	1,600.00	35.00000	1,400.00	37.50000	1,500.00
630-80380	Traffic Cone	75.000 EACH	10.00000	750.00	4.00000	300.00	18.00000	1,350.00
630-80393	Stackable Vertical Panels	50.000 EACH	40.00000	2,000.00	23.00000	1,150.00	12.50000	625.00
630-85041	Mobile Attenuator	35.000 DAY	450.00000	15,750.00	228.00000	7,980.00	170.00000	5,950.00
632-00000	Night Work Lighting	1.000 L S	10,000.00000	10,000.00	2,292.00000	2,292.00	2,200.00000	2,200.00
<b>Section Totals:</b>				\$605,729.00		\$525,794.00		\$627,999.00
<b>Contract Grand Totals</b>				<b>\$605,729.00</b>		<b>\$525,794.00</b>		<b>\$627,999.00</b>



Tabulation of Bids

Contract ID: C23617

Item Code	Description	Quantity	(3) 720A STURGEON ELECTRIC COMPANY, INC		(4) 1476A MORTON ELECTRIC, INC.			
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001	BID ITEMS						
						<b>LCC:</b>		
202-00195	Removal of Median Cover	5.000 SY	73.00000	365.00	52.00000	260.00		
202-00200	Removal of Sidewalk	31.000 SY	58.00000	1,798.00	52.00000	1,612.00		
202-00203	Removal of Curb and Gutter	8.000 LF	37.00000	296.00	16.00000	128.00		
202-00206	Removal of Concrete Curb Ramp	130.000 SY	51.00000	6,630.00	52.00000	6,760.00		
202-00220	Removal of Asphalt Mat	29.000 SY	58.00000	1,682.00	37.00000	1,073.00		
202-00828	Removal of Traffic Signal Equipment	1.000 L S	8,500.00000	8,500.00	10,000.00000	10,000.00		
202-04002	Clean Culvert	1.000 EACH	3,000.00000	3,000.00	1,000.00000	1,000.00		
203-01597	Potholing	20.000 HOUR	282.00000	5,640.00	250.00000	5,000.00		
203-02330	Laborer	40.000 HOUR	74.00000	2,960.00	75.00000	3,000.00		
208-00002	Erosion Log Type 1 (12 Inch)	100.000 LF	12.00000	1,200.00	5.65000	565.00		
208-00035	Aggregate Bag	100.000 LF	12.00000	1,200.00	9.50000	950.00		
208-00046	Pre-fabricated Concrete Washout Structure (Type 1)	1.000 EACH	1,400.00000	1,400.00	2,875.00000	2,875.00		
208-00053	Storm Drain Inlet Protection (Type I) (84 Inch)	4.000 EACH	192.00000	768.00	195.00000	780.00		
208-00054	Storm Drain Inlet Protection (Type II)	2.000 EACH	319.00000	638.00	240.00000	480.00		
208-00070	Vehicle Tracking Pad	1.000 EACH	3,300.00000	3,300.00	3,265.00000	3,265.00		

Tabulation of Bids

Contract ID: C23617

Item Code	Description	Quantity	(3) 720A STURGEON ELECTRIC COMPANY, INC		(4) 1476A MORTON ELECTRIC, INC.			
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001	BID ITEMS						
						<b>LCC:</b>		
208-00103	Removal and Disposal of Sediment (Labor)	10.000 HOUR	74.00000	740.00	75.00000	750.00		
208-00106	Sweeping (Sediment Removal)	10.000 HOUR	182.00000	1,820.00	75.00000	750.00		
208-00107	Removal of Trash	10.000 HOUR	109.00000	1,090.00	75.00000	750.00		
210-00815	Reset Sign Panel	5.000 EACH	419.00000	2,095.00	350.00000	1,750.00		
210-00859	Modify Pedestrian Push Button	3.000 EACH	679.00000	2,037.00	400.00000	1,200.00		
210-00860	Reset Pedestrian Push Button	3.000 EACH	322.00000	966.00	220.00000	660.00		
210-01050	Reset Chain Link Fence	50.000 LF	42.00000	2,100.00	40.00000	2,000.00		
212-00050	Sod	110.000 SF	19.00000	2,090.00	8.50000	935.00		
304-06000	Aggregate Base Course (Class 6)	20.000 TON	79.00000	1,580.00	245.00000	4,900.00		
403-00720	Hot Mix Asphalt (Patching) (Asphalt)	10.000 TON	313.00000	3,130.00	386.00000	3,860.00		
503-00036	Drilled Shaft (36 Inch)	57.000 LF	530.00000	30,210.00	750.00000	42,750.00		
503-00048	Drilled Shaft (48 Inch)	21.000 LF	620.00000	13,020.00	800.00000	16,800.00		
607-11525	Fence (Plastic)	50.000 LF	12.00000	600.00	5.00000	250.00		
607-52900	Line Post (Chain Link)	6.000 EACH	253.00000	1,518.00	150.00000	900.00		
608-00006	Concrete Sidewalk (6 Inch)	29.000 SY	109.00000	3,161.00	126.50000	3,668.50		
608-00010	Concrete Curb Ramp	116.000 SY	191.00000	22,156.00	260.00000	30,160.00		

Tabulation of Bids

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Item Code	Description	Quantity	(3) 720A STURGEON ELECTRIC COMPANY, INC		(4) 1476A MORTON ELECTRIC, INC.			
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001	BID ITEMS						
								<b>LCC:</b>
608-00015	Detectable Warnings	20.000 SF	87.00000	1,740.00	30.00000	600.00		
609-21020	Curb and Gutter Type 2 (Section II-B)	49.000 LF	63.00000	3,087.00	53.00000	2,597.00		
610-00030	Median Cover Material (Concrete)	41.000 SF	44.00000	1,804.00	32.00000	1,312.00		
613-00206	2 Inch Electrical Conduit (Bored)	350.000 LF	24.00000	8,400.00	13.25000	4,637.50		
613-00306	3 Inch Electrical Conduit (Bored)	700.000 LF	26.00000	18,200.00	14.50000	10,150.00		
613-01200	2 Inch Electrical Conduit (Plastic)	150.000 LF	12.00000	1,800.00	20.00000	3,000.00		
613-01300	3 Inch Electrical Conduit (Plastic)	300.000 LF	13.00000	3,900.00	25.00000	7,500.00		
613-07004	Type Four Pull Box	8.000 EACH	1,908.00000	15,264.00	1,998.00000	15,984.00		
613-07005	Type Five Pull Box	1.000 EACH	2,300.00000	2,300.00	2,204.00000	2,204.00		
613-10000	Wiring	1.000 L S	10,500.00000	10,500.00	12,500.00000	12,500.00		
613-13008	Luminaire (LED) (8,000 Lumens)	4.000 EACH	657.00000	2,628.00	1,500.00000	6,000.00		
613-80130	Service Meter Cabinet	1.000 EACH	6,750.00000	6,750.00	5,000.00000	5,000.00		
614-00011	Sign Panel (Class I)	30.000 SF	46.00000	1,380.00	32.00000	960.00		
614-70150	Pedestrian Signal Face (16) (Countdown)	8.000 EACH	679.00000	5,432.00	640.00000	5,120.00		
614-70336	Traffic Signal Face (12-12-12)	16.000 EACH	879.00000	14,064.00	790.00000	12,640.00		
614-70448	Traffic Signal Face (12-12-12-12)	4.000 EACH	1,065.00000	4,260.00	928.00000	3,712.00		

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Item Code	Description	Quantity	(3) 720A STURGEON ELECTRIC COMPANY, INC		(4) 1476A MORTON ELECTRIC, INC.			
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001	BID ITEMS						
								<b>LCC:</b>
614-72836	Conflict Monitor	1.000 EACH	1,100.00000	1,100.00	1,228.00000	1,228.00		
614-72855	Traffic Signal Controller Cabinet	1.000 EACH	17,250.00000	17,250.00	16,512.00000	16,512.00		
614-72860	Pedestrian Push Button	8.000 EACH	350.00000	2,800.00	304.00000	2,432.00		
614-72863	Pedestrian Push Button Post Assembly	3.000 EACH	1,093.00000	3,279.00	1,200.00000	3,600.00		
614-72866	Fire Preemption Unit and Timer	4.000 EACH	3,187.00000	12,748.00	9,000.00000	36,000.00		
614-72887	Microwave Vehicle Radar Detector	6.000 EACH	7,533.00000	45,198.00	8,032.00000	48,192.00		
614-81130	Traffic Signal-Light Pole Steel (1-30 Foot Mast Arm)	1.000 EACH	12,250.00000	12,250.00	13,082.00000	13,082.00		
614-81140	Traffic Signal-Light Pole Steel (1-40 Foot Mast Arm)	1.000 EACH	13,850.00000	13,850.00	14,550.00000	14,550.00		
614-81150	Traffic Signal-Light Pole Steel (1-50 Foot Mast Arm)	1.000 EACH	14,750.00000	14,750.00	15,276.00000	15,276.00		
614-81160	Traffic Signal Light Pole Steel (1-60 Foot Mast Arm)	1.000 EACH	22,250.00000	22,250.00	22,720.00000	22,720.00		
614-86248	Traffic Signal Controller (Type 2070LC)	1.000 EACH	5,500.00000	5,500.00	6,836.00000	6,836.00		
614-86800	Uninterrupted Power Supply	1.000 EACH	6,250.00000	6,250.00	6,670.00000	6,670.00		
614-87010	Fiber Optic Cable (Single Mode) (12 Fiber)	450.000 LF	6.00000	2,700.00	20.00000	9,000.00		
614-87012	Fiber Optic Termination Panel (12 Fiber)	1.000 EACH	800.00000	800.00	2,500.00000	2,500.00		
614-87320	Closed Circuit Television	1.000 EACH	4,950.00000	4,950.00	4,989.00000	4,989.00		

Tabulation of Bids

Contract ID: C23617

Item Code	Description	Quantity	(3) 720A STURGEON ELECTRIC COMPANY, INC		(4) 1476A MORTON ELECTRIC, INC.			
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001	BID ITEMS						
								<b>LCC:</b>
614-87350	Test Fiber Optic Cable	1.000 L S	3,100.00000	3,100.00	3,500.00000	3,500.00		
614-87692	Ethernet Switch Type II	1.000 EACH	6,100.00000	6,100.00	9,500.00000	9,500.00		
620-00005	Field Office (Special)	1.000 EACH	21,500.00000	21,500.00	55,000.00000	55,000.00		
620-00020	Sanitary Facility	1.000 EACH	2,300.00000	2,300.00	1,200.00000	1,200.00		
625-00000	Construction Surveying	1.000 L S	8,500.00000	8,500.00	10,350.00000	10,350.00		
626-00000	Mobilization	1.000 L S	42,740.00000	42,740.00	145,000.00000	145,000.00		
626-01114	Public Information Management (Tier IV)	105.000 DAY	83.00000	8,715.00	87.50000	9,187.50		
627-30410	Preformed Thermoplastic Pavement Marking (Xwalk-Stop Line)	100.000 SF	22.00000	2,200.00	28.75000	2,875.00		
630-00000	Flagging	300.000 HOUR	26.00000	7,800.00	40.25000	12,075.00		
630-00003	Uniformed Traffic Control	150.000 HOUR	75.00000	11,250.00	94.00000	14,100.00		
630-00006	Uniformed Traffic Control (Vehicle)	150.000 HOUR	53.00000	7,950.00	21.00000	3,150.00		
630-00007	Traffic Control Inspection	30.000 DAY	128.00000	3,840.00	322.00000	9,660.00		
630-00012	Traffic Control Management	75.000 DAY	893.00000	66,975.00	1,219.00000	91,425.00		
630-80335	Barricade (Type 3 M-A) (Temporary)	2.000 EACH	202.00000	404.00	92.00000	184.00		
630-80341	Construction Traffic Sign (Panel Size A)	22.000 EACH	59.00000	1,298.00	23.00000	506.00		

Tabulation of Bids

Contract ID: C23617

Item Code	Description	Quantity	(3) 720A STURGEON ELECTRIC COMPANY, INC		(4) 1476A MORTON ELECTRIC, INC.			
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001	BID ITEMS						
								<b>LCC:</b>
630-80342	Construction Traffic Sign (Panel Size B)	36.000 EACH	69.00000	2,484.00	46.00000	1,656.00		
630-80355	Portable Message Sign Panel	4.000 EACH	3,180.00000	12,720.00	5,175.00000	20,700.00		
630-80357	Advance Warning Flashing or Sequencing Arrow Panel (B Type)	2.000 EACH	1,590.00000	3,180.00	1,530.00000	3,060.00		
630-80360	Drum Channelizing Device	40.000 EACH	32.00000	1,280.00	23.00000	920.00		
630-80380	Traffic Cone	75.000 EACH	16.00000	1,200.00	5.00000	375.00		
630-80393	Stackable Vertical Panels	50.000 EACH	32.00000	1,600.00	23.00000	1,150.00		
630-85041	Mobile Attenuator	35.000 DAY	371.00000	12,985.00	500.00000	17,500.00		
632-00000	Night Work Lighting	1.000 L S	5,000.00000	5,000.00	10,000.00000	10,000.00		
<b>Section Totals:</b>				\$629,995.00		\$870,408.50		
<b>Contract Grand Totals</b>				<b>\$629,995.00</b>		<b>\$870,408.50</b>		

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Contract ID: C23617

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION:</b>	0001	BID ITEMS						
0005	202-00195 Removal of Median Cover	5.000	56.00000	57.00000 SY	280.00	285.00	101.79%	5.00
0010	202-00200 Removal of Sidewalk	31.000	50.00000	40.00000 SY	1,550.00	1,240.00	80.00%	-310.00
0015	202-00203 Removal of Curb and Gutter	8.000	10.50000	23.00000 LF	84.00	184.00	219.05%	100.00
0020	202-00206 Removal of Concrete Curb Ramp	130.000	45.00000	40.00000 SY	5,850.00	5,200.00	88.89%	-650.00
0025	202-00220 Removal of Asphalt Mat	29.000	21.50000	60.00000 SY	623.50	1,740.00	279.07%	1,116.50
0030	202-00828 Removal of Traffic Signal Equipment	1.000	10,000.00000	6,094.00000 L S	10,000.00	6,094.00	60.94%	-3,906.00
0035	202-04002 Clean Culvert	1.000	1,000.00000	1,710.00000 EACH	1,000.00	1,710.00	171.00%	710.00
0040	203-01597 Potholing	20.000	250.00000	277.00000 HOUR	5,000.00	5,540.00	110.80%	540.00
0045	203-02330 Laborer	40.000	50.00000	33.00000 HOUR	2,000.00	1,320.00	66.00%	-680.00
0050	208-00002 Erosion Log Type 1 (12 Inch)	100.000	8.00000	6.00000 LF	800.00	600.00	75.00%	-200.00
0055	208-00035 Aggregate Bag	100.000	8.00000	9.00000 LF	800.00	900.00	112.50%	100.00
0060	208-00046 Pre-fabricated Concrete Washout Structure (Type 1)	1.000	1,500.00000	1,254.00000 EACH	1,500.00	1,254.00	83.60%	-246.00

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Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION:</b>	0001	BID ITEMS						
0065	208-00053 Storm Drain Inlet Protection (Type I) (84 Inch)	4.000	100.00000	314.00000 EACH	400.00	1,256.00	314.00%	856.00
0070	208-00054 Storm Drain Inlet Protection (Type II)	2.000	150.00000	285.00000 EACH	300.00	570.00	190.00%	270.00
0075	208-00070 Vehicle Tracking Pad	1.000	2,000.00000	1,938.00000 EACH	2,000.00	1,938.00	96.90%	-62.00
0080	208-00103 Removal and Disposal of Sediment (Labor)	10.000	50.00000	75.00000 HOUR	500.00	750.00	150.00%	250.00
0085	208-00106 Sweeping (Sediment Removal)	10.000	150.00000	96.00000 HOUR	1,500.00	960.00	64.00%	-540.00
0090	208-00107 Removal of Trash	10.000	100.00000	33.00000 HOUR	1,000.00	330.00	33.00%	-670.00
0095	210-00815 Reset Sign Panel	5.000	200.00000	154.00000 EACH	1,000.00	770.00	77.00%	-230.00
0100	210-00859 Modify Pedestrian Push Button	3.000	500.00000	195.00000 EACH	1,500.00	585.00	39.00%	-915.00
0105	210-00860 Reset Pedestrian Push Button	3.000	50.00000	195.00000 EACH	150.00	585.00	390.00%	435.00
0110	210-01050 Reset Chain Link Fence	50.000	13.00000	36.00000 LF	650.00	1,800.00	276.92%	1,150.00
0115	212-00050 Sod	110.000	2.75000	4.00000 SF	302.50	440.00	145.45%	137.50
0120	304-06000 Aggregate Base Course (Class 6)	20.000	60.00000	154.00000 TON	1,200.00	3,080.00	256.67%	1,880.00



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Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION:</b>	0001	BID ITEMS						
0125	403-00720 Hot Mix Asphalt (Patching) (Asphalt)	10.000	120.00000	513.00000 TON	1,200.00	5,130.00	427.50%	3,930.00
0130	503-00036 Drilled Shaft (36 Inch)	57.000	375.00000	375.00000 LF	21,375.00	21,375.00	100.00%	0.00
0135	503-00048 Drilled Shaft (48 Inch)	21.000	525.00000	481.00000 LF	11,025.00	10,101.00	91.62%	-924.00
0140	607-11525 Fence (Plastic)	50.000	8.00000	4.00000 LF	400.00	200.00	50.00%	-200.00
0145	607-52900 Line Post (Chain Link)	6.000	85.00000	162.00000 EACH	510.00	972.00	190.59%	462.00
0150	608-00006 Concrete Sidewalk (6 Inch)	29.000	150.00000	123.00000 SY	4,350.00	3,567.00	82.00%	-783.00
0155	608-00010 Concrete Curb Ramp	116.000	270.00000	260.00000 SY	31,320.00	30,160.00	96.30%	-1,160.00
0160	608-00015 Detectable Warnings	20.000	100.00000	94.00000 SF	2,000.00	1,880.00	94.00%	-120.00
0165	609-21020 Curb and Gutter Type 2 (Section II-B)	49.000	60.00000	69.00000 LF	2,940.00	3,381.00	115.00%	441.00
0170	610-00030 Median Cover Material (Concrete)	41.000	19.00000	25.00000 SF	779.00	1,025.00	131.58%	246.00
0175	613-00206 2 Inch Electrical Conduit (Bored)	350.000	20.00000	27.00000 LF	7,000.00	9,450.00	135.00%	2,450.00
0180	613-00306 3 Inch Electrical Conduit (Bored)	700.000	25.00000	29.00000 LF	17,500.00	20,300.00	116.00%	2,800.00

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Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION:</b>	0001	BID ITEMS						
0185	613-01200 2 Inch Electrical Conduit (Plastic)	150.000	13.00000	13.00000 LF	1,950.00	1,950.00	100.00%	0.00
0190	613-01300 3 Inch Electrical Conduit (Plastic)	300.000	15.00000	16.00000 LF	4,500.00	4,800.00	106.67%	300.00
0195	613-07004 Type Four Pull Box	8.000	1,300.00000	1,635.00000 EACH	10,400.00	13,080.00	125.77%	2,680.00
0200	613-07005 Type Five Pull Box	1.000	2,000.00000	2,084.00000 EACH	2,000.00	2,084.00	104.20%	84.00
0205	613-10000 Wiring	1.000	6,500.00000	5,285.00000 L S	6,500.00	5,285.00	81.31%	-1,215.00
0210	613-13008 Luminaire (LED) (8,000 Lumens)	4.000	1,000.00000	646.00000 EACH	4,000.00	2,584.00	64.60%	-1,416.00
0215	613-80130 Service Meter Cabinet	1.000	6,000.00000	5,898.00000 EACH	6,000.00	5,898.00	98.30%	-102.00
0220	614-00011 Sign Panel (Class I)	30.000	30.00000	25.00000 SF	900.00	750.00	83.33%	-150.00
0225	614-70150 Pedestrian Signal Face (16) (Countdown)	8.000	700.00000	438.00000 EACH	5,600.00	3,504.00	62.57%	-2,096.00
0230	614-70336 Traffic Signal Face (12-12-12)	16.000	700.00000	529.00000 EACH	11,200.00	8,464.00	75.57%	-2,736.00
0235	614-70448 Traffic Signal Face (12-12-12-12)	4.000	1,000.00000	696.00000 EACH	4,000.00	2,784.00	69.60%	-1,216.00
0240	614-72836 Conflict Monitor	1.000	1,000.00000	1,010.00000 EACH	1,000.00	1,010.00	101.00%	10.00

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Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION:</b>	0001	BID ITEMS						
0245	614-72855 Traffic Signal Controller Cabinet	1.000	17,000.00000	13,246.00000 EACH	17,000.00	13,246.00	77.92%	-3,754.00
0250	614-72860 Pedestrian Push Button	8.000	600.00000	280.00000 EACH	4,800.00	2,240.00	46.67%	-2,560.00
0255	614-72863 Pedestrian Push Button Post Assembly	3.000	1,600.00000	1,258.00000 EACH	4,800.00	3,774.00	78.63%	-1,026.00
0260	614-72866 Fire Preemption Unit and Timer	4.000	3,500.00000	1,482.00000 EACH	14,000.00	5,928.00	42.34%	-8,072.00
0265	614-72887 Microwave Vehicle Radar Detector	6.000	9,000.00000	6,048.00000 EACH	54,000.00	36,288.00	67.20%	-17,712.00
0270	614-81130 Traffic Signal-Light Pole Steel (1-30 Foot Mast Arm)	1.000	10,000.00000	13,491.00000 EACH	10,000.00	13,491.00	134.91%	3,491.00
0275	614-81140 Traffic Signal-Light Pole Steel (1-40 Foot Mast Arm)	1.000	13,500.00000	15,429.00000 EACH	13,500.00	15,429.00	114.29%	1,929.00
0280	614-81150 Traffic Signal-Light Pole Steel (1-50 Foot Mast Arm)	1.000	15,000.00000	15,999.00000 EACH	15,000.00	15,999.00	106.66%	999.00
0285	614-81160 Traffic Signal Light Pole Steel (1-60 Foot Mast Arm)	1.000	23,500.00000	22,839.00000 EACH	23,500.00	22,839.00	97.19%	-661.00
0290	614-86248 Traffic Signal Controller (Type 2070LC)	1.000	5,000.00000	5,978.00000 EACH	5,000.00	5,978.00	119.56%	978.00
0295	614-86800 Uninterrupted Power Supply	1.000	4,000.00000	6,527.00000 EACH	4,000.00	6,527.00	163.18%	2,527.00

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Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION:</b>	0001	BID ITEMS						
0300	614-87010 Fiber Optic Cable (Single Mode) (12 Fiber)	450.000	6.00000	8.00000 LF	2,700.00	3,600.00	133.33%	900.00
0305	614-87012 Fiber Optic Termination Panel (12 Fiber)	1.000	1,000.00000	794.00000 EACH	1,000.00	794.00	79.40%	-206.00
0310	614-87320 Closed Circuit Television	1.000	6,000.00000	4,592.00000 EACH	6,000.00	4,592.00	76.53%	-1,408.00
0315	614-87350 Test Fiber Optic Cable	1.000	2,000.00000	3,454.00000 L S	2,000.00	3,454.00	172.70%	1,454.00
0320	614-87692 Ethernet Switch Type II	1.000	5,750.00000	3,345.00000 EACH	5,750.00	3,345.00	58.17%	-2,405.00
0325	620-00005 Field Office (Special)	1.000	20,000.00000	6,208.00000 EACH	20,000.00	6,208.00	31.04%	-13,792.00
0330	620-00020 Sanitary Facility	1.000	2,000.00000	371.00000 EACH	2,000.00	371.00	18.55%	-1,629.00
0335	625-00000 Construction Surveying	1.000	5,000.00000	8,756.00000 L S	5,000.00	8,756.00	175.12%	3,756.00
0340	626-00000 Mobilization	1.000	40,000.00000	42,206.00000 L S	40,000.00	42,206.00	105.52%	2,206.00
0345	626-01114 Public Information Management (Tier IV)	105.000	80.00000	60.00000 DAY	8,400.00	6,300.00	75.00%	-2,100.00
0350	627-30410 Preformed Thermoplastic Pavement Marking (Xwalk-Stop Line)	100.000	25.00000	22.00000 SF	2,500.00	2,200.00	88.00%	-300.00
0355	630-00000 Flagging	300.000	30.00000	35.00000 HOUR	9,000.00	10,500.00	116.67%	1,500.00

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Contract ID: C23617

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION:</b>	0001	BID ITEMS						
0360	630-00003 Uniformed Traffic Control	150.000	100.00000	50.00000 HOUR	15,000.00	7,500.00	50.00%	-7,500.00
0365	630-00006 Uniformed Traffic Control (Vehicle)	150.000	35.00000	6.00000 HOUR	5,250.00	900.00	17.14%	-4,350.00
0370	630-00007 Traffic Control Inspection	30.000	250.00000	57.00000 DAY	7,500.00	1,710.00	22.80%	-5,790.00
0375	630-00012 Traffic Control Management	75.000	750.00000	766.00000 DAY	56,250.00	57,450.00	102.13%	1,200.00
0380	630-80335 Barricade (Type 3 M-A) (Temporary)	2.000	200.00000	57.00000 EACH	400.00	114.00	28.50%	-286.00
0385	630-80341 Construction Traffic Sign (Panel Size A)	22.000	60.00000	23.00000 EACH	1,320.00	506.00	38.33%	-814.00
0390	630-80342 Construction Traffic Sign (Panel Size B)	36.000	70.00000	52.00000 EACH	2,520.00	1,872.00	74.29%	-648.00
0395	630-80355 Portable Message Sign Panel	4.000	4,000.00000	2,280.00000 EACH	16,000.00	9,120.00	57.00%	-6,880.00
0400	630-80357 Advance Warning Flashing or Sequencing Arrow Panel (B Type)	2.000	1,500.00000	285.00000 EACH	3,000.00	570.00	19.00%	-2,430.00
0405	630-80360 Drum Channelizing Device	40.000	40.00000	35.00000 EACH	1,600.00	1,400.00	87.50%	-200.00
0410	630-80380 Traffic Cone	75.000	10.00000	4.00000 EACH	750.00	300.00	40.00%	-450.00
0415	630-80393 Stackable Vertical Panels	50.000	40.00000	23.00000 EACH	2,000.00	1,150.00	57.50%	-850.00

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 (-)
<b>SECTION:</b>	0001	BID ITEMS						
0420	630-85041 Mobile Attenuator	35.000	450.00000	228.00000 DAY	15,750.00	7,980.00	50.67%	-7,770.00
0425	632-00000 Night Work Lighting	1.000	10,000.00000	2,292.00000 L S	10,000.00	2,292.00	22.92%	-7,708.00
<b>Section 0001 Subtotal</b>					\$605,729.00	\$525,794.00	86.80%	-\$79,935.00
<b>Contract Total for Calculated Low Bidders Bid Items</b>					<b>\$605,729.00</b>	<b>\$525,794.00</b>	<b>86.80%</b>	<b>-\$79,935.00</b>