

Colorado Department Of Transportation

Printed On: 06/02/2022

Low Bid Summary

Page 1 of 1

Letting Date: May 12, 2022

Call Order	Contract ID	Project(s)	# of Bids	Low Bidder	Estimated Cost	Corrected Bid	Percent of Estimate	Overrun (+) Underrun (-)
006	C22953	CM760-047	5	INTERFACE COMMUNICATIONS COMPANY	\$542,980.40	\$706,289.00	130.08%	\$163,308.60
Letting Totals			5		\$542,980.40	\$706,289.00	130.08%	\$163,308.60

## Vendor Ranking

Contract Description: COLFAX AND QUAIL, SIGNAL REPLACEMENT WITH CURB RAMPS AND MINOR STRIPING

Contract ID: C22953

Rank	Vendor ID	Vendor Name	Total Bid	Percent Of Low Bid	Percent Of Estimate
0	-EST-	Engineer's Estimate	\$542,980.40	76.88%	100.00%
1	1231A	INTERFACE COMMUNICATIONS COMPANY	\$706,289.00	100.00%	130.08%
2	697A	Lumin8 Transportation Technologies, LLC	\$709,540.40	100.46%	130.68%
3	1476A	MORTON ELECTRIC, INC.	\$792,524.50	112.21%	145.96%
4	720A	STURGEON ELECTRIC COMPANY, INC.	\$925,282.00	131.01%	170.41%
5	997A	GOODLAND CONSTRUCTION, INC.	\$976,335.50	138.23%	179.81%

Tabulation of Bids

Contract ID: C22953

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1231A INTERFACE COMMUNICATIONS		(2) 697A Lumin8 Transportation Tech.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001	BID ITEMS				<b>LCC:</b>		
202-00200	Removal of Sidewalk	52.000 SY	35.50000	1,846.00	40.00000	2,080.00	50.00000	2,600.00
202-00203	Removal of Curb and Gutter	103.000 LF	18.00000	1,854.00	19.00000	1,957.00	20.00000	2,060.00
202-00206	Removal of Concrete Curb Ramp	24.000 SY	35.00000	840.00	43.00000	1,032.00	55.00000	1,320.00
202-00207	Removal of Brick Pavers	2.000 SY	29.00000	58.00	63.00000	126.00	130.00000	260.00
202-00210	Removal of Concrete Pavement	87.000 SY	45.00000	3,915.00	53.00000	4,611.00	60.00000	5,220.00
202-00220	Removal of Asphalt Mat	128.000 SY	28.50000	3,648.00	48.00000	6,144.00	46.00000	5,888.00
202-00240	Removal of Asphalt Mat (Planing)	282.000 SY	6.50000	1,833.00	16.00000	4,512.00	33.00000	9,306.00
202-00828	Removal of Traffic Signal Equipment	1.000 L S	5,000.00000	5,000.00	6,450.00000	6,450.00	7,000.00000	7,000.00
203-01500	Blading	1.000 HOUR	175.00000	175.00	132.00000	132.00	300.00000	300.00
203-01597	Potholing	100.000 HOUR	235.00000	23,500.00	276.00000	27,600.00	225.00000	22,500.00
207-00700	Topsoil (Onsite)	7.000 CY	25.00000	175.00	95.00000	665.00	46.00000	322.00
208-00035	Aggregate Bag	72.000 LF	15.50000	1,116.00	20.00000	1,440.00	21.00000	1,512.00
208-00046	Pre-fabricated Concrete Washout Structure (Type 1)	1.000 EACH	1,900.00000	1,900.00	1,678.00000	1,678.00	3,915.00000	3,915.00
208-00075	Pre-fabricated Vehicle Tracking Pad	1.000 EACH	4,000.00000	4,000.00	500.00000	500.00	3,263.00000	3,263.00
208-00103	Removal and Disposal of Sediment (Labor)	8.000 HOUR	68.00000	544.00	87.00000	696.00	46.00000	368.00

Tabulation of Bids

Contract ID: C22953

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1231A INTERFACE COMMUNICATIONS COMPANY		(2) 697A Lumin8 Transportation Tech.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001	BID ITEMS			<b>LCC:</b>			
208-00105	Removal and Disposal of Sediment (Equipment)	8.000 HOUR	145.00000	1,160.00	92.00000	736.00	35.00000	280.00
208-00106	Sweeping (Sediment Removal)	8.000 HOUR	174.00000	1,392.00	92.00000	736.00	295.00000	2,360.00
210-00750	Reset Light Standard	1.000 EACH	1,000.00000	1,000.00	2,534.00000	2,534.00	2,610.00000	2,610.00
210-00846	Portable Non-Intrusive Traffic Sensor (Reset)	4.000 EACH	286.00000	1,144.00	1,182.00000	4,728.00	853.00000	3,412.00
210-00867	Reset Fire Preemption Unit	2.000 EACH	873.00000	1,746.00	677.00000	1,354.00	845.00000	1,690.00
212-00700	Organic Fertilizer	4.000 LB	1.60000	6.40	80.00000	320.00	83.00000	332.00
212-00701	Compost (Mechanically Applied)	1.000 CY	132.00000	132.00	362.00000	362.00	376.00000	376.00
212-00703	Humate	3.000 LB	3.50000	10.50	119.00000	357.00	123.00000	369.00
212-00708	Seeding (Native) Broadcast	0.013 ACRE	4,000.00000	52.00	58,387.00000	759.03	93,800.00000	1,219.40
213-00061	Mulch Tackifier	3.000 LB	6.00000	18.00	135.00000	405.00	140.00000	420.00
217-00000	Herbicide Treatment	1.000 SY	5.00000	5.00	625.00000	625.00	7.00000	7.00
240-00000	Wildlife Biologist	20.000 HOUR	130.00000	2,600.00	100.00000	2,000.00	105.00000	2,100.00
240-00010	Removal of Nests	20.000 HOUR	120.00000	2,400.00	94.00000	1,880.00	98.00000	1,960.00
250-00110	Health and Safety Officer	16.000 HOUR	130.00000	2,080.00	107.00000	1,712.00	111.00000	1,776.00
403-00720	Hot Mix Asphalt (Patching) (Asphalt)	94.000 TON	230.00000	21,620.00	313.00000	29,422.00	333.00000	31,302.00

Tabulation of Bids

Contract ID: C22953

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1231A INTERFACE COMMUNICATIONS COMPANY		(2) 697A Lumin8 Transportation Tech.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001	BID ITEMS			<b>LCC:</b>			
403-34871	Hot Mix Asphalt (Grading SX) (100) (PG 76-28)	31.000 TON	167.50000	5,192.50	544.00000	16,864.00	392.00000	12,152.00
503-00036	Drilled Shaft (36 Inch)	30.000 LF	430.00000	12,900.00	473.00000	14,190.00	375.00000	11,250.00
503-00048	Drilled Shaft (48 Inch)	42.000 LF	555.00000	23,310.00	604.00000	25,368.00	510.00000	21,420.00
608-00000	Concrete Sidewalk	73.000 SY	120.00000	8,760.00	148.00000	10,804.00	106.00000	7,738.00
608-00010	Concrete Curb Ramp	68.000 SY	229.00000	15,572.00	282.00000	19,176.00	200.00000	13,600.00
609-21020	Curb and Gutter Type 2 (Section II-B)	82.000 LF	42.50000	3,485.00	57.00000	4,674.00	65.00000	5,330.00
613-00200	2 Inch Electrical Conduit	174.000 LF	20.00000	3,480.00	41.00000	7,134.00	25.00000	4,350.00
613-00206	2 Inch Electrical Conduit (Bored)	606.000 LF	19.00000	11,514.00	24.00000	14,544.00	20.00000	12,120.00
613-00300	3 Inch Electrical Conduit	108.000 LF	21.50000	2,322.00	66.00000	7,128.00	50.00000	5,400.00
613-00306	3 Inch Electrical Conduit (Bored)	606.000 LF	19.50000	11,817.00	28.00000	16,968.00	30.00000	18,180.00
613-07004	Type Four Pull Box	4.000 EACH	2,000.00000	8,000.00	2,402.00000	9,608.00	1,843.00000	7,372.00
613-07005	Type Five Pull Box	1.000 EACH	2,500.00000	2,500.00	3,049.00000	3,049.00	2,885.00000	2,885.00
613-07011	Pull Box (11"x18"x12")	1.000 EACH	500.00000	500.00	1,369.00000	1,369.00	630.00000	630.00
613-10000	Wiring	1.000 L S	10,000.00000	10,000.00	12,537.00000	12,537.00	11,715.00000	11,715.00
613-13000	Luminaire (LED) (Special)	4.000 EACH	5,000.00000	20,000.00	1,075.00000	4,300.00	741.00000	2,964.00

Tabulation of Bids

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			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001	BID ITEMS						
					<b>LCC:</b>			
614-00011	Sign Panel (Class I)	52.000 SF	26.00000	1,352.00	30.00000	1,560.00	35.00000	1,820.00
614-00035	Sign Panel (Special)	28.000 SF	26.00000	728.00	47.00000	1,316.00	36.00000	1,008.00
614-70150	Pedestrian Signal Face (16) (Countdown)	6.000 EACH	480.00000	2,880.00	707.00000	4,242.00	560.00000	3,360.00
614-70336	Traffic Signal Face (12-12-12)	12.000 EACH	750.00000	9,000.00	1,040.00000	12,480.00	977.00000	11,724.00
614-70448	Traffic Signal Face (12-12-12-12)	8.000 EACH	920.00000	7,360.00	968.00000	7,744.00	1,257.00000	10,056.00
614-72855	Traffic Signal Controller Cabinet	1.000 EACH	21,500.00000	21,500.00	25,413.00000	25,413.00	22,931.00000	22,931.00
614-72860	Pedestrian Push Button	3.000 EACH	900.00000	2,700.00	809.00000	2,427.00	810.00000	2,430.00
614-72863	Pedestrian Push Button Post Assembly	4.000 EACH	2,300.00000	9,200.00	2,787.00000	11,148.00	2,686.00000	10,744.00
614-80321	Barricade (Type 3 M-A)	4.000 EACH	400.00000	1,600.00	563.00000	2,252.00	1,110.00000	4,440.00
614-81140	Traffic Signal-Light Pole Steel (1-40 Foot Mast Arm)	1.000 EACH	13,500.00000	13,500.00	26,640.97000	26,640.97	24,575.00000	24,575.00
614-81145	Traffic Signal-Light Pole Steel (1-45 Foot Mast Arm)	1.000 EACH	20,200.00000	20,200.00	27,453.00000	27,453.00	24,882.00000	24,882.00
614-81160	Traffic Signal Light Pole Steel (1-60 Foot Mast Arm)	1.000 EACH	24,500.00000	24,500.00	43,328.00000	43,328.00	44,310.00000	44,310.00
614-81165	Traffic Signal-Light Pole Steel (1-65 Foot Mast Arm)	1.000 EACH	22,500.00000	22,500.00	43,453.00000	43,453.00	44,613.00000	44,613.00
614-86248	Traffic Signal Controller (Type 2070LC)	1.000 EACH	6,300.00000	6,300.00	4,443.00000	4,443.00	4,644.00000	4,644.00

Tabulation of Bids

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			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001	BID ITEMS			<b>LCC:</b>			
614-86800	Uninterrupted Power Supply	1.000 EACH	7,100.00000	7,100.00	14,059.00000	14,059.00	12,760.00000	12,760.00
614-87012	Fiber Optic Termination Panel (12 Fiber)	1.000 EACH	1,200.00000	1,200.00	1,075.00000	1,075.00	1,125.00000	1,125.00
614-87333	Closed Circuit Television Camera (Traffic Surveillance)	1.000 EACH	7,500.00000	7,500.00	5,531.00000	5,531.00	6,462.00000	6,462.00
614-87690	Ethernet Switch	1.000 EACH	5,000.00000	5,000.00	6,125.00000	6,125.00	7,028.00000	7,028.00
614-87700	Ethernet Router	1.000 EACH	3,800.00000	3,800.00	2,988.00000	2,988.00	875.00000	875.00
614-87704	Ethernet Radio (Single Client)	1.000 EACH	2,700.00000	2,700.00	3,648.00000	3,648.00	5,207.00000	5,207.00
620-00002	Field Office (Class 2)	1.000 EACH	27,000.00000	27,000.00	10,608.00000	10,608.00	5,000.00000	5,000.00
620-00020	Sanitary Facility	1.000 EACH	5,600.00000	5,600.00	875.00000	875.00	2,400.00000	2,400.00
625-00000	Construction Surveying	1.000 L S	14,000.00000	14,000.00	6,350.00000	6,350.00	9,790.00000	9,790.00
626-00000	Mobilization	1.000 L S	2,650.00000	2,650.00	62,348.00000	62,348.00	50,000.00000	50,000.00
626-01114	Public Information Management (Tier IV)	70.000 DAY	60.00000	4,200.00	63.00000	4,410.00	95.00000	6,650.00
627-00008	Modified Epoxy Pavement Marking	3.000 GAL	280.00000	840.00	625.00000	1,875.00	652.00000	1,956.00
627-00070	Preformed Thermoplastic Pavement Marking	33.000 SF	17.00000	561.00	444.00000	14,652.00	45.00000	1,485.00
627-30405	Preformed Thermoplastic Pavement Marking (Word-Symbol)	1,123.000 SF	20.00000	22,460.00	15.00000	16,845.00	16.00000	17,968.00

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			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001	BID ITEMS						
						<b>LCC:</b>		
630-00000	Flagging	30.000 HOUR	31.00000	930.00	68.00000	2,040.00	43.00000	1,290.00
630-00003	Uniformed Traffic Control	25.000 HOUR	125.00000	3,125.00	163.00000	4,075.00	160.00000	4,000.00
630-00007	Traffic Control Inspection	14.000 DAY	240.00000	3,360.00	88.00000	1,232.00	400.00000	5,600.00
630-00012	Traffic Control Management	35.000 DAY	900.00000	31,500.00	1,161.00000	40,635.00	1,960.00000	68,600.00
630-80341	Construction Traffic Sign (Panel Size A)	32.000 EACH	54.00000	1,728.00	60.00000	1,920.00	52.00000	1,664.00
630-80342	Construction Traffic Sign (Panel Size B)	32.000 EACH	92.00000	2,944.00	63.00000	2,016.00	70.00000	2,240.00
630-80350	Vertical Panel	30.000 EACH	33.00000	990.00	38.00000	1,140.00	60.00000	1,800.00
630-80355	Portable Message Sign Panel	4.000 EACH	5,300.00000	21,200.00	2,500.00000	10,000.00	5,875.00000	23,500.00
630-80356	Advance Warning Flashing or Sequencing Arrow Panel (A Type)	2.000 EACH	1,050.00000	2,100.00	313.00000	626.00	1,600.00000	3,200.00
630-80360	Drum Channelizing Device	50.000 EACH	31.00000	1,550.00	38.00000	1,900.00	60.00000	3,000.00
630-80380	Traffic Cone	50.000 EACH	10.00000	500.00	3.00000	150.00	25.00000	1,250.00
<b>Section Totals:</b>				\$542,980.40		\$706,289.00		\$709,540.40
<b>Contract Grand Totals</b>				<b>\$542,980.40</b>		<b>\$706,289.00</b>		<b>\$709,540.40</b>



Tabulation of Bids

Contract ID: C22953

Item Code	Description	Quantity	(3) 1476A MORTON ELECTRIC, INC.		(4) 720A STURGEON ELECTRIC COMPANY, INC		(5) 997A GOODLAND CONSTRUCTION, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001	BID ITEMS				<b>LCC:</b>		
202-00200	Removal of Sidewalk	52.000 SY	36.00000	1,872.00	50.00000	2,600.00	27.00000	1,404.00
202-00203	Removal of Curb and Gutter	103.000 LF	16.00000	1,648.00	22.00000	2,266.00	10.00000	1,030.00
202-00206	Removal of Concrete Curb Ramp	24.000 SY	38.00000	912.00	50.00000	1,200.00	36.00000	864.00
202-00207	Removal of Brick Pavers	2.000 SY	55.00000	110.00	165.00000	330.00	27.00000	54.00
202-00210	Removal of Concrete Pavement	87.000 SY	46.50000	4,045.50	55.00000	4,785.00	45.00000	3,915.00
202-00220	Removal of Asphalt Mat	128.000 SY	42.00000	5,376.00	50.00000	6,400.00	27.00000	3,456.00
202-00240	Removal of Asphalt Mat (Planing)	282.000 SY	22.00000	6,204.00	28.00000	7,896.00	20.00000	5,640.00
202-00828	Removal of Traffic Signal Equipment	1.000 L S	13,400.00000	13,400.00	12,000.00000	12,000.00	10,625.00000	10,625.00
203-01500	Blading	1.000 HOUR	500.00000	500.00	760.00000	760.00	295.00000	295.00
203-01597	Potholing	100.000 HOUR	285.00000	28,500.00	550.00000	55,000.00	405.00000	40,500.00
207-00700	Topsoil (Onsite)	7.000 CY	150.00000	1,050.00	110.00000	770.00	150.00000	1,050.00
208-00035	Aggregate Bag	72.000 LF	17.50000	1,260.00	45.00000	3,240.00	35.00000	2,520.00
208-00046	Pre-fabricated Concrete Washout Structure (Type 1)	1.000 EACH	500.00000	500.00	4,100.00000	4,100.00	1,500.00000	1,500.00
208-00075	Pre-fabricated Vehicle Tracking Pad	1.000 EACH	2,100.00000	2,100.00	3,000.00000	3,000.00	2,150.00000	2,150.00
208-00103	Removal and Disposal of Sediment (Labor)	8.000 HOUR	85.00000	680.00	110.00000	880.00	95.00000	760.00

Tabulation of Bids

Contract ID: C22953

Item Code	Description	Quantity	(3) 1476A MORTON ELECTRIC, INC.		(4) 720A STURGEON ELECTRIC COMPANY, INC		(5) 997A GOODLAND CONSTRUCTION, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001	BID ITEMS				<b>LCC:</b>		
208-00105	Removal and Disposal of Sediment (Equipment)	8.000 HOUR	170.00000	1,360.00	165.00000	1,320.00	295.00000	2,360.00
208-00106	Sweeping (Sediment Removal)	8.000 HOUR	170.00000	1,360.00	385.00000	3,080.00	395.00000	3,160.00
210-00750	Reset Light Standard	1.000 EACH	1,400.00000	1,400.00	3,000.00000	3,000.00	4,135.00000	4,135.00
210-00846	Portable Non-Intrusive Traffic Sensor (Reset)	4.000 EACH	3,100.00000	12,400.00	2,050.00000	8,200.00	1,115.00000	4,460.00
210-00867	Reset Fire Preemption Unit	2.000 EACH	2,750.00000	5,500.00	1,200.00000	2,400.00	1,090.00000	2,180.00
212-00700	Organic Fertilizer	4.000 LB	71.00000	284.00	100.00000	400.00	205.00000	820.00
212-00701	Compost (Mechanically Applied)	1.000 CY	318.00000	318.00	425.00000	425.00	150.00000	150.00
212-00703	Humate	3.000 LB	105.00000	315.00	160.00000	480.00	205.00000	615.00
212-00708	Seeding (Native) Broadcast	0.013 ACRE	52,000.00000	676.00	60,000.00000	780.00	100,000.00000	1,300.00
213-00061	Mulch Tackifier	3.000 LB	119.00000	357.00	150.00000	450.00	205.00000	615.00
217-00000	Herbicide Treatment	1.000 SY	75.00000	75.00	125.00000	125.00	100.00000	100.00
240-00000	Wildlife Biologist	20.000 HOUR	88.00000	1,760.00	100.00000	2,000.00	175.00000	3,500.00
240-00010	Removal of Nests	20.000 HOUR	83.00000	1,660.00	95.00000	1,900.00	135.00000	2,700.00
250-00110	Health and Safety Officer	16.000 HOUR	94.00000	1,504.00	100.00000	1,600.00	175.00000	2,800.00
403-00720	Hot Mix Asphalt (Patching) (Asphalt)	94.000 TON	261.00000	24,534.00	325.00000	30,550.00	650.00000	61,100.00

Tabulation of Bids

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Item Code	Description	Quantity	(3) 1476A MORTON ELECTRIC, INC.		(4) 720A STURGEON ELECTRIC COMPANY, INC		(5) 997A GOODLAND CONSTRUCTION, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001	BID ITEMS				<b>LCC:</b>		
403-34871	Hot Mix Asphalt (Grading SX) (100) (PG 76-28)	31.000 TON	402.00000	12,462.00	375.00000	11,625.00	650.00000	20,150.00
503-00036	Drilled Shaft (36 Inch)	30.000 LF	620.00000	18,600.00	665.00000	19,950.00	410.00000	12,300.00
503-00048	Drilled Shaft (48 Inch)	42.000 LF	800.00000	33,600.00	765.00000	32,130.00	690.00000	28,980.00
608-00000	Concrete Sidewalk	73.000 SY	130.00000	9,490.00	100.00000	7,300.00	108.00000	7,884.00
608-00010	Concrete Curb Ramp	68.000 SY	248.00000	16,864.00	195.00000	13,260.00	215.00000	14,620.00
609-21020	Curb and Gutter Type 2 (Section II-B)	82.000 LF	50.00000	4,100.00	75.00000	6,150.00	50.00000	4,100.00
613-00200	2 Inch Electrical Conduit	174.000 LF	22.00000	3,828.00	25.00000	4,350.00	30.00000	5,220.00
613-00206	2 Inch Electrical Conduit (Bored)	606.000 LF	22.00000	13,332.00	35.00000	21,210.00	25.00000	15,150.00
613-00300	3 Inch Electrical Conduit	108.000 LF	22.00000	2,376.00	30.00000	3,240.00	65.00000	7,020.00
613-00306	3 Inch Electrical Conduit (Bored)	606.000 LF	22.00000	13,332.00	40.00000	24,240.00	25.00000	15,150.00
613-07004	Type Four Pull Box	4.000 EACH	1,903.00000	7,612.00	2,875.00000	11,500.00	2,725.00000	10,900.00
613-07005	Type Five Pull Box	1.000 EACH	2,375.00000	2,375.00	3,725.00000	3,725.00	3,760.00000	3,760.00
613-07011	Pull Box (11"x18"x12")	1.000 EACH	1,140.00000	1,140.00	1,425.00000	1,425.00	830.00000	830.00
613-10000	Wiring	1.000 L S	18,500.00000	18,500.00	18,000.00000	18,000.00	41,005.00000	41,005.00
613-13000	Luminaire (LED) (Special)	4.000 EACH	925.00000	3,700.00	1,495.00000	5,980.00	970.00000	3,880.00

Tabulation of Bids

Contract ID: C22953

Item Code	Description	Quantity	(3) 1476A MORTON ELECTRIC, INC.		(4) 720A STURGEON ELECTRIC COMPANY, INC		(5) 997A GOODLAND CONSTRUCTION, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001	BID ITEMS				<b>LCC:</b>		
614-00011	Sign Panel (Class I)	52.000 SF	30.00000	1,560.00	45.00000	2,340.00	55.00000	2,860.00
614-00035	Sign Panel (Special)	28.000 SF	35.00000	980.00	200.00000	5,600.00	57.00000	1,596.00
614-70150	Pedestrian Signal Face (16) (Countdown)	6.000 EACH	576.00000	3,456.00	790.00000	4,740.00	730.00000	4,380.00
614-70336	Traffic Signal Face (12-12-12)	12.000 EACH	817.00000	9,804.00	1,600.00000	19,200.00	1,275.00000	15,300.00
614-70448	Traffic Signal Face (12-12-12-12)	8.000 EACH	1,095.00000	8,760.00	1,900.00000	15,200.00	1,640.00000	13,120.00
614-72855	Traffic Signal Controller Cabinet	1.000 EACH	24,588.00000	24,588.00	24,000.00000	24,000.00	27,250.00000	27,250.00
614-72860	Pedestrian Push Button	3.000 EACH	960.00000	2,880.00	950.00000	2,850.00	1,065.00000	3,195.00
614-72863	Pedestrian Push Button Post Assembly	4.000 EACH	2,773.00000	11,092.00	3,100.00000	12,400.00	3,500.00000	14,000.00
614-80321	Barricade (Type 3 M-A)	4.000 EACH	325.00000	1,300.00	3,100.00000	12,400.00	750.00000	3,000.00
614-81140	Traffic Signal-Light Pole Steel (1-40 Foot Mast Arm)	1.000 EACH	24,700.00000	24,700.00	38,400.00000	38,400.00	32,015.00000	32,015.00
614-81145	Traffic Signal-Light Pole Steel (1-45 Foot Mast Arm)	1.000 EACH	25,775.00000	25,775.00	38,800.00000	38,800.00	32,415.00000	32,415.00
614-81160	Traffic Signal Light Pole Steel (1-60 Foot Mast Arm)	1.000 EACH	40,720.00000	40,720.00	57,000.00000	57,000.00	57,725.00000	57,725.00
614-81165	Traffic Signal-Light Pole Steel (1-65 Foot Mast Arm)	1.000 EACH	40,820.00000	40,820.00	57,500.00000	57,500.00	58,120.00000	58,120.00
614-86248	Traffic Signal Controller (Type 2070LC)	1.000 EACH	4,775.00000	4,775.00	4,600.00000	4,600.00	6,050.00000	6,050.00
614-86800	Uninterrupted Power Supply	1.000 EACH	10,120.00000	10,120.00	16,500.00000	16,500.00	16,620.00000	16,620.00

Tabulation of Bids

Contract ID: C22953

Item Code	Description	Quantity	(3) 1476A MORTON ELECTRIC, INC.		(4) 720A STURGEON ELECTRIC COMPANY, INC		(5) 997A GOODLAND CONSTRUCTION, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001	BID ITEMS				<b>LCC:</b>		
614-87012	Fiber Optic Termination Panel (12 Fiber)	1.000 EACH	956.00000	956.00	2,050.00000	2,050.00	1,465.00000	1,465.00
614-87333	Closed Circuit Television Camera (Traffic Surveillance)	1.000 EACH	5,825.00000	5,825.00	5,850.00000	5,850.00	8,420.00000	8,420.00
614-87690	Ethernet Switch	1.000 EACH	5,390.00000	5,390.00	6,550.00000	6,550.00	9,160.00000	9,160.00
614-87700	Ethernet Router	1.000 EACH	649.00000	649.00	9,500.00000	9,500.00	1,140.00000	1,140.00
614-87704	Ethernet Radio (Single Client)	1.000 EACH	5,000.00000	5,000.00	4,200.00000	4,200.00	6,785.00000	6,785.00
620-00002	Field Office (Class 2)	1.000 EACH	16,500.00000	16,500.00	45,750.00000	45,750.00	36,000.00000	36,000.00
620-00020	Sanitary Facility	1.000 EACH	650.00000	650.00	6,400.00000	6,400.00	35,000.00000	35,000.00
625-00000	Construction Surveying	1.000 L S	8,250.00000	8,250.00	6,200.00000	6,200.00	20,000.00000	20,000.00
626-00000	Mobilization	1.000 L S	169,000.00000	169,000.00	77,000.00000	77,000.00	100,000.00000	100,000.00
626-01114	Public Information Management (Tier IV)	70.000 DAY	55.00000	3,850.00	70.00000	4,900.00	188.00000	13,160.00
627-00008	Modified Epoxy Pavement Marking	3.000 GAL	770.00000	2,310.00	825.00000	2,475.00	2,950.00000	8,850.00
627-00070	Preformed Thermoplastic Pavement Marking	33.000 SF	16.00000	528.00	40.00000	1,320.00	31.25000	1,031.25
627-30405	Preformed Thermoplastic Pavement Marking (Word-Symbol)	1,123.000 SF	16.00000	17,968.00	20.00000	22,460.00	18.75000	21,056.25
630-00000	Flagging	30.000 HOUR	31.00000	930.00	35.00000	1,050.00	35.00000	1,050.00
630-00003	Uniformed Traffic Control	25.000 HOUR	165.00000	4,125.00	165.00000	4,125.00	188.00000	4,700.00

Tabulation of Bids

Contract ID: C22953

Item Code	Description	Quantity	(3) 1476A MORTON ELECTRIC, INC.		(4) 720A STURGEON ELECTRIC COMPANY, INC		(5) 997A GOODLAND CONSTRUCTION, INC.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001	BID ITEMS				<b>LCC:</b>		
630-00007	Traffic Control Inspection	14.000 DAY	154.00000	2,156.00	155.00000	2,170.00	175.00000	2,450.00
630-00012	Traffic Control Management	35.000 DAY	1,078.00000	37,730.00	1,400.00000	49,000.00	1,225.00000	42,875.00
630-80341	Construction Traffic Sign (Panel Size A)	32.000 EACH	44.00000	1,408.00	45.00000	1,440.00	50.00000	1,600.00
630-80342	Construction Traffic Sign (Panel Size B)	32.000 EACH	44.00000	1,408.00	45.00000	1,440.00	50.00000	1,600.00
630-80350	Vertical Panel	30.000 EACH	33.00000	990.00	35.00000	1,050.00	40.00000	1,200.00
630-80355	Portable Message Sign Panel	4.000 EACH	2,200.00000	8,800.00	2,200.00000	8,800.00	2,500.00000	10,000.00
630-80356	Advance Warning Flashing or Sequencing Arrow Panel (A Type)	2.000 EACH	875.00000	1,750.00	875.00000	1,750.00	995.00000	1,990.00
630-80360	Drum Channelizing Device	50.000 EACH	33.00000	1,650.00	35.00000	1,750.00	40.00000	2,000.00
630-80380	Traffic Cone	50.000 EACH	8.00000	400.00	10.00000	500.00	9.00000	450.00
<b>Section Totals:</b>				\$792,524.50		\$925,282.00		\$976,335.50
<b>Contract Grand Totals</b>				<b>\$792,524.50</b>		<b>\$925,282.00</b>		<b>\$976,335.50</b>

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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						
0005	202-00200 Removal of Sidewalk	52.000	35.50000	40.00000 SY	1,846.00	2,080.00	112.68%	234.00
0010	202-00203 Removal of Curb and Gutter	103.000	18.00000	19.00000 LF	1,854.00	1,957.00	105.56%	103.00
0015	202-00206 Removal of Concrete Curb Ramp	24.000	35.00000	43.00000 SY	840.00	1,032.00	122.86%	192.00
0020	202-00207 Removal of Brick Pavers	2.000	29.00000	63.00000 SY	58.00	126.00	217.24%	68.00
0025	202-00210 Removal of Concrete Pavement	87.000	45.00000	53.00000 SY	3,915.00	4,611.00	117.78%	696.00
0030	202-00220 Removal of Asphalt Mat	128.000	28.50000	48.00000 SY	3,648.00	6,144.00	168.42%	2,496.00
0035	202-00240 Removal of Asphalt Mat (Planing)	282.000	6.50000	16.00000 SY	1,833.00	4,512.00	246.15%	2,679.00
0040	202-00828 Removal of Traffic Signal Equipment	1.000	5,000.00000	6,450.00000 L S	5,000.00	6,450.00	129.00%	1,450.00
0045	203-01500 Blading	1.000	175.00000	132.00000 HOUR	175.00	132.00	75.43%	-43.00
0050	203-01597 Potholing	100.000	235.00000	276.00000 HOUR	23,500.00	27,600.00	117.45%	4,100.00
0055	207-00700 Topsoil (Onsite)	7.000	25.00000	95.00000 CY	175.00	665.00	380.00%	490.00
0060	208-00035 Aggregate Bag	72.000	15.50000	20.00000 LF	1,116.00	1,440.00	129.03%	324.00

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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	208-00046 Pre-fabricated Concrete Washout Structure (Type 1)	1.000	1,900.00000	1,678.00000 EACH	1,900.00	1,678.00	88.32%	-222.00
0070	208-00075 Pre-fabricated Vehicle Tracking Pad	1.000	4,000.00000	500.00000 EACH	4,000.00	500.00	12.50%	-3,500.00
0075	208-00103 Removal and Disposal of Sediment (Labor)	8.000	68.00000	87.00000 HOUR	544.00	696.00	127.94%	152.00
0080	208-00105 Removal and Disposal of Sediment (Equipment)	8.000	145.00000	92.00000 HOUR	1,160.00	736.00	63.45%	-424.00
0085	208-00106 Sweeping (Sediment Removal)	8.000	174.00000	92.00000 HOUR	1,392.00	736.00	52.87%	-656.00
0090	210-00750 Reset Light Standard	1.000	1,000.00000	2,534.00000 EACH	1,000.00	2,534.00	253.40%	1,534.00
0095	210-00846 Portable Non-Intrusive Traffic Sensor (Reset)	4.000	286.00000	1,182.00000 EACH	1,144.00	4,728.00	413.29%	3,584.00
0100	210-00867 Reset Fire Preemption Unit	2.000	873.00000	677.00000 EACH	1,746.00	1,354.00	77.55%	-392.00
0105	212-00700 Organic Fertilizer	4.000	1.60000	80.00000 LB	6.40	320.00	5000.00%	313.60
0110	212-00701 Compost (Mechanically Applied)	1.000	132.00000	362.00000 CY	132.00	362.00	274.24%	230.00
0115	212-00703 Humate	3.000	3.50000	119.00000 LB	10.50	357.00	3400.00%	346.50
0120	212-00708 Seeding (Native) Broadcast	0.013	4,000.00000	58,387.00000 ACRE	52.00	759.03	1459.67%	707.03



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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	213-00061 Mulch Tackifier	3.000	6.00000	135.00000 LB	18.00	405.00	2250.00%	387.00
0130	217-00000 Herbicide Treatment	1.000	5.00000	625.00000 SY	5.00	625.00	12500.00%	620.00
0135	240-00000 Wildlife Biologist	20.000	130.00000	100.00000 HOUR	2,600.00	2,000.00	76.92%	-600.00
0140	240-00010 Removal of Nests	20.000	120.00000	94.00000 HOUR	2,400.00	1,880.00	78.33%	-520.00
0145	250-00110 Health and Safety Officer	16.000	130.00000	107.00000 HOUR	2,080.00	1,712.00	82.31%	-368.00
0150	403-00720 Hot Mix Asphalt (Patching) (Asphalt)	94.000	230.00000	313.00000 TON	21,620.00	29,422.00	136.09%	7,802.00
0155	403-34871 Hot Mix Asphalt (Grading SX) (100) (PG 76-28)	31.000	167.50000	544.00000 TON	5,192.50	16,864.00	324.78%	11,671.50
0160	503-00036 Drilled Shaft (36 Inch)	30.000	430.00000	473.00000 LF	12,900.00	14,190.00	110.00%	1,290.00
0165	503-00048 Drilled Shaft (48 Inch)	42.000	555.00000	604.00000 LF	23,310.00	25,368.00	108.83%	2,058.00
0170	608-00000 Concrete Sidewalk	73.000	120.00000	148.00000 SY	8,760.00	10,804.00	123.33%	2,044.00
0175	608-00010 Concrete Curb Ramp	68.000	229.00000	282.00000 SY	15,572.00	19,176.00	123.14%	3,604.00
0180	609-21020 Curb and Gutter Type 2 (Section II-B)	82.000	42.50000	57.00000 LF	3,485.00	4,674.00	134.12%	1,189.00

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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	613-00200 2 Inch Electrical Conduit	174.000	20.00000	41.00000 LF	3,480.00	7,134.00	205.00%	3,654.00
0190	613-00206 2 Inch Electrical Conduit (Bored)	606.000	19.00000	24.00000 LF	11,514.00	14,544.00	126.32%	3,030.00
0195	613-00300 3 Inch Electrical Conduit	108.000	21.50000	66.00000 LF	2,322.00	7,128.00	306.98%	4,806.00
0200	613-00306 3 Inch Electrical Conduit (Bored)	606.000	19.50000	28.00000 LF	11,817.00	16,968.00	143.59%	5,151.00
0205	613-07004 Type Four Pull Box	4.000	2,000.00000	2,402.00000 EACH	8,000.00	9,608.00	120.10%	1,608.00
0210	613-07005 Type Five Pull Box	1.000	2,500.00000	3,049.00000 EACH	2,500.00	3,049.00	121.96%	549.00
0215	613-07011 Pull Box (11"x18"x12")	1.000	500.00000	1,369.00000 EACH	500.00	1,369.00	273.80%	869.00
0220	613-10000 Wiring	1.000	10,000.00000	12,537.00000 L S	10,000.00	12,537.00	125.37%	2,537.00
0225	613-13000 Luminaire (LED) (Special)	4.000	5,000.00000	1,075.00000 EACH	20,000.00	4,300.00	21.50%	-15,700.00
0230	614-00011 Sign Panel (Class I)	52.000	26.00000	30.00000 SF	1,352.00	1,560.00	115.38%	208.00
0235	614-00035 Sign Panel (Special)	28.000	26.00000	47.00000 SF	728.00	1,316.00	180.77%	588.00
0240	614-70150 Pedestrian Signal Face (16) (Countdown)	6.000	480.00000	707.00000 EACH	2,880.00	4,242.00	147.29%	1,362.00

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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	614-70336 Traffic Signal Face (12-12-12)	12.000	750.00000	1,040.00000 EACH	9,000.00	12,480.00	138.67%	3,480.00
0250	614-70448 Traffic Signal Face (12-12-12-12)	8.000	920.00000	968.00000 EACH	7,360.00	7,744.00	105.22%	384.00
0255	614-72855 Traffic Signal Controller Cabinet	1.000	21,500.00000	25,413.00000 EACH	21,500.00	25,413.00	118.20%	3,913.00
0260	614-72860 Pedestrian Push Button	3.000	900.00000	809.00000 EACH	2,700.00	2,427.00	89.89%	-273.00
0265	614-72863 Pedestrian Push Button Post Assembly	4.000	2,300.00000	2,787.00000 EACH	9,200.00	11,148.00	121.17%	1,948.00
0270	614-80321 Barricade (Type 3 M-A)	4.000	400.00000	563.00000 EACH	1,600.00	2,252.00	140.75%	652.00
0275	614-81140 Traffic Signal-Light Pole Steel (1-40 Foot Mast Arm)	1.000	13,500.00000	26,640.97000 EACH	13,500.00	26,640.97	197.34%	13,140.97
0280	614-81145 Traffic Signal-Light Pole Steel (1-45 Foot Mast Arm)	1.000	20,200.00000	27,453.00000 EACH	20,200.00	27,453.00	135.91%	7,253.00
0285	614-81160 Traffic Signal Light Pole Steel (1-60 Foot Mast Arm)	1.000	24,500.00000	43,328.00000 EACH	24,500.00	43,328.00	176.85%	18,828.00
0290	614-81165 Traffic Signal-Light Pole Steel (1-65 Foot Mast Arm)	1.000	22,500.00000	43,453.00000 EACH	22,500.00	43,453.00	193.12%	20,953.00
0295	614-86248 Traffic Signal Controller (Type 2070LC)	1.000	6,300.00000	4,443.00000 EACH	6,300.00	4,443.00	70.52%	-1,857.00

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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	614-86800 Uninterrupted Power Supply	1.000	7,100.00000	14,059.00000 EACH	7,100.00	14,059.00	198.01%	6,959.00
0305	614-87012 Fiber Optic Termination Panel (12 Fiber)	1.000	1,200.00000	1,075.00000 EACH	1,200.00	1,075.00	89.58%	-125.00
0310	614-87333 Closed Circuit Television Camera (Traffic Surveillance)	1.000	7,500.00000	5,531.00000 EACH	7,500.00	5,531.00	73.75%	-1,969.00
0315	614-87690 Ethernet Switch	1.000	5,000.00000	6,125.00000 EACH	5,000.00	6,125.00	122.50%	1,125.00
0320	614-87700 Ethernet Router	1.000	3,800.00000	2,988.00000 EACH	3,800.00	2,988.00	78.63%	-812.00
0325	614-87704 Ethernet Radio (Single Client)	1.000	2,700.00000	3,648.00000 EACH	2,700.00	3,648.00	135.11%	948.00
0330	620-00002 Field Office (Class 2)	1.000	27,000.00000	10,608.00000 EACH	27,000.00	10,608.00	39.29%	-16,392.00
0335	620-00020 Sanitary Facility	1.000	5,600.00000	875.00000 EACH	5,600.00	875.00	15.63%	-4,725.00
0340	625-00000 Construction Surveying	1.000	14,000.00000	6,350.00000 L S	14,000.00	6,350.00	45.36%	-7,650.00
0345	626-00000 Mobilization	1.000	2,650.00000	62,348.00000 L S	2,650.00	62,348.00	2352.75%	59,698.00
0350	626-01114 Public Information Management (Tier IV)	70.000	60.00000	63.00000 DAY	4,200.00	4,410.00	105.00%	210.00
0355	627-00008 Modified Epoxy Pavement Marking	3.000	280.00000	625.00000 GAL	840.00	1,875.00	223.21%	1,035.00

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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						
0360	627-00070 Preformed Thermoplastic Pavement Marking	33.000	17.00000	444.00000 SF	561.00	14,652.00	2611.76%	14,091.00
0365	627-30405 Preformed Thermoplastic Pavement Marking (Word-Symbol)	1,123.000	20.00000	15.00000 SF	22,460.00	16,845.00	75.00%	-5,615.00
0370	630-00000 Flagging	30.000	31.00000	68.00000 HOUR	930.00	2,040.00	219.35%	1,110.00
0375	630-00003 Uniformed Traffic Control	25.000	125.00000	163.00000 HOUR	3,125.00	4,075.00	130.40%	950.00
0380	630-00007 Traffic Control Inspection	14.000	240.00000	88.00000 DAY	3,360.00	1,232.00	36.67%	-2,128.00
0385	630-00012 Traffic Control Management	35.000	900.00000	1,161.00000 DAY	31,500.00	40,635.00	129.00%	9,135.00
0390	630-80341 Construction Traffic Sign (Panel Size A)	32.000	54.00000	60.00000 EACH	1,728.00	1,920.00	111.11%	192.00
0395	630-80342 Construction Traffic Sign (Panel Size B)	32.000	92.00000	63.00000 EACH	2,944.00	2,016.00	68.48%	-928.00
0400	630-80350 Vertical Panel	30.000	33.00000	38.00000 EACH	990.00	1,140.00	115.15%	150.00
0405	630-80355 Portable Message Sign Panel	4.000	5,300.00000	2,500.00000 EACH	21,200.00	10,000.00	47.17%	-11,200.00
0410	630-80356 Advance Warning Flashing or Sequencing Arrow Panel (A Type)	2.000	1,050.00000	313.00000 EACH	2,100.00	626.00	29.81%	-1,474.00

Low Bid Item Analysis

Contract ID: C22953

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION:</b>	0001	BID ITEMS						
0415	630-80360 Drum Channelizing Device	50.000	31.00000	38.00000 EACH	1,550.00	1,900.00	122.58%	350.00
0420	630-80380 Traffic Cone	50.000	10.00000	3.00000 EACH	500.00	150.00	30.00%	-350.00
<b>Section 0001 Subtotal</b>					\$542,980.40	\$706,289.00	130.08%	\$163,308.60
<b>Contract Total for Calculated Low Bidders Bid Items</b>					<b>\$542,980.40</b>	<b>\$706,289.00</b>	<b>130.08%</b>	<b>\$163,308.60</b>