

Colorado Department Of Transportation

Printed On: 12/09/2021

Low Bid Summary

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Letting Date: December 09, 2021

Call Order	Contract ID	Project(s)	# of Bids	Low Bidder	Estimated Cost	Corrected Bid	Percent of Estimate	Overrun (+) Underrun (-)
008	C23112	NHPP1211-096	2	STURGEON ELECTRIC COMPANY, INC.	\$1,550,097.00	\$1,832,965.00	118.25%	\$282,868.00
Letting Totals			2		\$1,550,097.00	\$1,832,965.00	118.25%	\$282,868.00

Vendor Ranking

Contract Description:

Contract ID: C23112

SH121A: WADSWORTH BLVD FROM 66TH AVE TO 104TH AVE

This project will replace the signal equipment and update curb ramps and pedestrian islands at 3 intersections: Wadsworth Blvd & 66th Ave; Wadsworth Blvd & 87th Dr(84th Pkwy); and Wadsworth & 104th Ave.

Signal equipment to be updated or installed at the intersections includes, but is not limited to, the following: microwave vehicle radar detectors; signal poles, mast arms, and caissons; traffic signal cabinet; ethernet switches; uninterrupted power sources and service meters; fiber optic laterals; communications line to each signal pole; CCTV; pedestrian push buttons, signal heads; and traffic signal heads. This project will also include minor striping and signing at each intersection.

Rank	Vendor ID	Vendor Name	Total Bid	Percent Of Low Bid	Percent Of Estimate
0	-EST-	Engineer's Estimate	\$1,550,097.00	84.57%	100.00%
1	720A	STURGEON ELECTRIC COMPANY, INC.	\$1,832,965.00	100.00%	118.25%
2	697A	Lumin8 Transportation Technologies, LLC	\$2,071,793.00	113.03%	133.66%

Tabulation of Bids

Contract ID: C23112

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 720A STURGEON ELECTRIC COMPANY, INC		(2) 697A Lumin8 Transportation Tech.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS						
						LCC:		
202-00090	Removal of Delineator	6.000 EACH	10.00000	60.00	100.00000	600.00	15.00000	90.00
202-00195	Removal of Median Cover	57.000 SY	18.00000	1,026.00	40.00000	2,280.00	34.00000	1,938.00
202-00200	Removal of Sidewalk	619.000 SY	30.00000	18,570.00	28.00000	17,332.00	30.00000	18,570.00
202-00203	Removal of Curb and Gutter	543.000 LF	12.00000	6,516.00	16.00000	8,688.00	16.00000	8,688.00
202-00210	Removal of Concrete Pavement	36.000 SY	16.00000	576.00	45.00000	1,620.00	40.00000	1,440.00
202-00220	Removal of Asphalt Mat	94.000 SY	10.00000	940.00	60.00000	5,640.00	56.00000	5,264.00
202-00250	Removal of Pavement Marking	4,051.000 SF	1.00000	4,051.00	2.00000	8,102.00	2.50000	10,127.50
202-00828	Removal of Traffic Signal Equipment	1.000 L S	54,000.00000	54,000.00	24,250.00000	24,250.00	26,035.00000	26,035.00
202-04010	Clean Inlet	13.000 EACH	850.00000	11,050.00	2,000.00000	26,000.00	585.00000	7,605.00
203-00065	Embankment Material (Complete In Place) (R20)	90.000 CY	100.00000	9,000.00	115.00000	10,350.00	50.00000	4,500.00
203-00450	Rock Removal	2.000 EACH	200.00000	400.00	995.00000	1,990.00	350.00000	700.00
203-01597	Potholing	60.000 HOUR	260.00000	15,600.00	275.00000	16,500.00	200.00000	12,000.00
206-00065	Structure Backfill (Flow-Fill)	25.000 CY	265.00000	6,625.00	325.00000	8,125.00	375.00000	9,375.00
207-00702	Topsoil (Offsite)	10.000 CY	100.00000	1,000.00	150.00000	1,500.00	135.00000	1,350.00
208-00002	Erosion Log Type 1 (12 Inch)	167.000 LF	6.00000	1,002.00	10.00000	1,670.00	8.00000	1,336.00

Tabulation of Bids

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Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 720A STURGEON ELECTRIC COMPANY, INC		(2) 697A Lumin8 Transportation Tech.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS						
						LCC:		
208-00035	Aggregate Bag	160.000 LF	8.00000	1,280.00	11.00000	1,760.00	10.00000	1,600.00
208-00046	Pre-fabricated Concrete Washout Structure (Type 1)	3.000 EACH	1,500.00000	4,500.00	625.00000	1,875.00	600.00000	1,800.00
208-00053	Storm Drain Inlet Protection (Type I) (84 Inch)	8.000 EACH	260.00000	2,080.00	230.00000	1,840.00	215.00000	1,720.00
208-00054	Storm Drain Inlet Protection (Type II)	4.000 EACH	300.00000	1,200.00	305.00000	1,220.00	300.00000	1,200.00
208-00057	Storm Drain Inlet Protection (Type I) (144 inch)	1.000 EACH	350.00000	350.00	340.00000	340.00	300.00000	300.00
208-00103	Removal and Disposal of Sediment (Labor)	16.000 HOUR	65.00000	1,040.00	95.00000	1,520.00	45.00000	720.00
208-00105	Removal and Disposal of Sediment (Equipment)	16.000 HOUR	130.00000	2,080.00	130.00000	2,080.00	185.00000	2,960.00
208-00106	Sweeping (Sediment Removal)	12.000 HOUR	130.00000	1,560.00	160.00000	1,920.00	160.00000	1,920.00
208-00107	Removal of Trash	10.000 HOUR	100.00000	1,000.00	75.00000	750.00	60.00000	600.00
210-00300	Reset Brick Pavers	2.000 SY	125.00000	250.00	280.00000	560.00	100.00000	200.00
210-00827	Reset Pull Box	1.000 EACH	800.00000	800.00	1,420.00000	1,420.00	475.00000	475.00
210-00867	Reset Fire Preemption Unit	5.000 EACH	800.00000	4,000.00	665.00000	3,325.00	500.00000	2,500.00
212-00050	Sod	507.000 SF	3.00000	1,521.00	6.00000	3,042.00	5.50000	2,788.50
212-00700	Organic Fertilizer	30.000 LB	2.00000	60.00	20.00000	600.00	12.00000	360.00
212-00708	Seeding (Native) Broadcast	0.200 ACRE	3,500.00000	700.00	3,635.00000	727.00	4,200.00000	840.00

Tabulation of Bids

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Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 720A STURGEON ELECTRIC COMPANY, INC		(2) 697A Lumin8 Transportation Tech.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS						
						LCC:		
212-01200	Landscape Restoration	1.000 L S	5,000.00000	5,000.00	11,750.00000	11,750.00	4,357.00000	4,357.00
213-00002	Mulching (Weed Free Hay)	0.200 ACRE	900.00000	180.00	2,085.00000	417.00	4,200.00000	840.00
213-00061	Mulch Tackifier	40.000 LB	3.00000	120.00	20.00000	800.00	12.00000	480.00
304-06007	Aggregate Base Course (Class 6)	31.000 CY	75.00000	2,325.00	107.00000	3,317.00	109.00000	3,379.00
403-00721	Hot Mix Asphalt (Patching) (Asphalt)	120.000 SY	75.00000	9,000.00	177.00000	21,240.00	189.00000	22,680.00
412-00190	Concrete Pavement (Patching)	18.000 SY	325.00000	5,850.00	145.00000	2,610.00	150.00000	2,700.00
503-00018	Drilled Shaft (18 Inch) (Vacuum)	50.000 LF	250.00000	12,500.00	325.00000	16,250.00	255.00000	12,750.00
503-00036	Drilled Shaft (36 Inch) (Vacuum)	209.000 LF	375.00000	78,375.00	590.00000	123,310.00	423.00000	88,407.00
608-00000	Concrete Sidewalk	233.000 SY	90.00000	20,970.00	120.00000	27,960.00	135.00000	31,455.00
608-00010	Concrete Curb Ramp	237.000 SY	185.00000	43,845.00	183.00000	43,371.00	206.00000	48,822.00
609-21010	Curb and Gutter Type 2 (Section I-B)	35.000 LF	30.00000	1,050.00	65.00000	2,275.00	62.00000	2,170.00
609-21020	Curb and Gutter Type 2 (Section II-B)	852.000 LF	35.00000	29,820.00	37.00000	31,524.00	40.00000	34,080.00
610-00020	Median Cover Material (Patterned Concrete)	907.000 SF	35.00000	31,745.00	25.00000	22,675.00	23.00000	20,861.00
612-00043	Delineator (Flexible) (Type III)	14.000 EACH	85.00000	1,190.00	110.00000	1,540.00	70.00000	980.00
613-00200	2 Inch Electrical Conduit	60.000 LF	24.00000	1,440.00	18.00000	1,080.00	60.00000	3,600.00
613-00206	2 Inch Electrical Conduit (Bored)	2,365.000 LF	13.00000	30,745.00	19.00000	44,935.00	14.00000	33,110.00

Tabulation of Bids

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			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS						
						LCC:		
613-00300	3 Inch Electrical Conduit	60.000 LF	25.00000	1,500.00	21.00000	1,260.00	149.00000	8,940.00
613-00306	3 Inch Electrical Conduit (Bored)	1,730.000 LF	25.00000	43,250.00	22.00000	38,060.00	18.50000	32,005.00
613-07000	Pull Box (Special)	2.000 EACH	25.00000	50.00	1,505.00000	3,010.00	2,750.00000	5,500.00
613-07001	Type One Pull Box	16.000 EACH	950.00000	15,200.00	940.00000	15,040.00	740.00000	11,840.00
613-07004	Type Four Pull Box	17.000 EACH	2,500.00000	42,500.00	1,505.00000	25,585.00	1,605.00000	27,285.00
613-07005	Type Five Pull Box	3.000 EACH	2,500.00000	7,500.00	2,105.00000	6,315.00	1,800.00000	5,400.00
613-10000	Wiring	1.000 L S	15,000.00000	15,000.00	64,250.00000	64,250.00	22,050.00000	22,050.00
613-13014	Luminaire (LED) (14,000 Lumens)	12.000 EACH	2,500.00000	30,000.00	855.00000	10,260.00	650.00000	7,800.00
613-80130	Service Meter Cabinet	2.000 EACH	7,500.00000	15,000.00	6,740.00000	13,480.00	5,050.00000	10,100.00
614-00011	Sign Panel (Class I)	48.000 SF	25.00000	1,200.00	41.00000	1,968.00	24.00000	1,152.00
614-00026	Sign Panel (Class I) (Install Only)	12.000 EACH	35.00000	420.00	440.00000	5,280.00	112.00000	1,344.00
614-70150	Pedestrian Signal Face (16) (Countdown)	24.000 EACH	600.00000	14,400.00	535.00000	12,840.00	500.00000	12,000.00
614-70336	Traffic Signal Face (12-12-12)	47.000 EACH	800.00000	37,600.00	880.00000	41,360.00	700.00000	32,900.00
614-70448	Traffic Signal Face (12-12-12-12)	8.000 EACH	900.00000	7,200.00	1,150.00000	9,200.00	1,495.00000	11,960.00
614-72836	Conflict Monitor	2.000 EACH	1,000.00000	2,000.00	1,285.00000	2,570.00	1,575.00000	3,150.00
614-72855	Traffic Signal Controller Cabinet	2.000 EACH	2,000.00000	4,000.00	15,200.00000	30,400.00	14,500.00000	29,000.00

Tabulation of Bids

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			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS						
						LCC:		
614-72860	Pedestrian Push Button	24.000 EACH	850.00000	20,400.00	1,440.00000	34,560.00	1,578.00000	37,872.00
614-72886	Intersection Detection System (Camera) (Iteris Next)	1.000 EACH	7,500.00000	7,500.00	44,200.00000	44,200.00	54,362.00000	54,362.00
614-72887	Microwave Vehicle Radar Detector (Wavetronix)	12.000 EACH	7,500.00000	90,000.00	6,900.00000	82,800.00	14,889.00000	178,668.00
614-81125	Traffic Signal-Light Pole Steel (1-25 Foot Mast Arm)	1.000 EACH	15,000.00000	15,000.00	18,400.00000	18,400.00	18,310.00000	18,310.00
614-81130	Traffic Signal-Light Pole Steel (1-30 Foot Mast Arm)	2.000 EACH	15,000.00000	30,000.00	19,000.00000	38,000.00	18,870.00000	37,740.00
614-81135	Traffic Signal-Light Pole Steel (1-35 Foot Mast Arm)	2.000 EACH	18,000.00000	36,000.00	19,435.00000	38,870.00	19,245.00000	38,490.00
614-81140	Traffic Signal-Light Pole Steel (1-40 Foot Mast Arm)	1.000 EACH	16,000.00000	16,000.00	20,660.00000	20,660.00	20,605.00000	20,605.00
614-81145	Traffic Signal-Light Pole Steel (1-45 Foot Mast Arm)	1.000 EACH	20,000.00000	20,000.00	21,210.00000	21,210.00	21,101.00000	21,101.00
614-81150	Traffic Signal-Light Pole Steel (1-50 Foot Mast Arm)	2.000 EACH	19,500.00000	39,000.00	21,980.00000	43,960.00	21,850.00000	43,700.00
614-81155	Traffic Signal-Light Pole Steel (1-55 Foot Mast Arm)	2.000 EACH	20,000.00000	40,000.00	22,190.00000	44,380.00	21,975.00000	43,950.00
614-81160	Traffic Signal Light Pole Steel (1-60 Foot Mast Arm)	1.000 EACH	26,000.00000	26,000.00	31,200.00000	31,200.00	31,925.00000	31,925.00
614-84000	Traffic Signal Pedestal Pole Steel	10.000 EACH	3,000.00000	30,000.00	2,660.00000	26,600.00	2,590.00000	25,900.00
614-86105	Telemetry (Field)	2.000 EACH	10,000.00000	20,000.00	5,365.00000	10,730.00	5,665.00000	11,330.00

Tabulation of Bids

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Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 720A STURGEON ELECTRIC COMPANY, INC		(2) 697A Lumin8 Transportation Tech.	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS			LCC:			
614-86248	Traffic Signal Controller (Type 2070LC)	2.000 EACH	6,000.00000	12,000.00	4,370.00000	8,740.00	4,655.00000	9,310.00
614-86800	Uninterrupted Power Supply	2.000 EACH	7,000.00000	14,000.00	5,160.00000	10,320.00	5,845.00000	11,690.00
614-87006	Fiber Optic Termination Panel (6 Fiber)	2.000 EACH	900.00000	1,800.00	760.00000	1,520.00	750.00000	1,500.00
614-87333	Closed Circuit Television Camera (Traffic Surveillance)	3.000 EACH	7,500.00000	22,500.00	5,100.00000	15,300.00	5,385.00000	16,155.00
614-87350	Test Fiber Optic Cable	3.000 L S	13,000.00000	39,000.00	1,750.00000	5,250.00	1,875.00000	5,625.00
614-87512	Splice Fiber Optic Cable (12 Strand)	2.000 EACH	16,000.00000	32,000.00	1,430.00000	2,860.00	1,400.00000	2,800.00
614-87692	Ethernet Switch Type II	2.000 EACH	5,500.00000	11,000.00	6,795.00000	13,590.00	7,468.00000	14,936.00
620-00002	Field Office (Class 2)	1.000 EACH	30,000.00000	30,000.00	36,250.00000	36,250.00	48,125.00000	48,125.00
620-00020	Sanitary Facility	1.000 EACH	1,500.00000	1,500.00	2,590.00000	2,590.00	1,185.00000	1,185.00
625-00000	Construction Surveying	1.000 L S	15,000.00000	15,000.00	11,100.00000	11,100.00	12,700.00000	12,700.00
626-00000	Mobilization	1.000 L S	30,000.00000	30,000.00	106,000.00000	106,000.00	155,000.00000	155,000.00
626-01114	Public Information Management (Tier IV)	80.000 DAY	50.00000	4,000.00	60.00000	4,800.00	115.00000	9,200.00
627-00008	Modified Epoxy Pavement Marking	5.000 GAL	200.00000	1,000.00	525.00000	2,625.00	800.00000	4,000.00
627-30405	Preformed Thermoplastic Pavement Marking (Word-Symbol)	27.000 SF	15.00000	405.00	32.00000	864.00	32.00000	864.00
627-30410	Preformed Thermoplastic Pavement Marking (Xwalk-Stop Line)	3,994.000 SF	15.00000	59,910.00	13.00000	51,922.00	19.00000	75,886.00

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			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS				LCC:		
630-00000	Flagging	100.000 HOUR	30.00000	3,000.00	39.00000	3,900.00	35.00000	3,500.00
630-00003	Uniformed Traffic Control	24.000 HOUR	100.00000	2,400.00	137.00000	3,288.00	165.00000	3,960.00
630-00007	Traffic Control Inspection	26.000 DAY	200.00000	5,200.00	220.00000	5,720.00	250.00000	6,500.00
630-00012	Traffic Control Management	80.000 DAY	750.00000	60,000.00	1,165.00000	93,200.00	1,370.00000	109,600.00
630-80335	Barricade (Type 3 M-A) (Temporary)	4.000 EACH	220.00000	880.00	200.00000	800.00	240.00000	960.00
630-80341	Construction Traffic Sign (Panel Size A)	104.000 EACH	50.00000	5,200.00	63.00000	6,552.00	65.00000	6,760.00
630-80342	Construction Traffic Sign (Panel Size B)	12.000 EACH	70.00000	840.00	63.00000	756.00	75.00000	900.00
630-80350	Vertical Panel	50.000 EACH	35.00000	1,750.00	37.00000	1,850.00	45.00000	2,250.00
630-80355	Portable Message Sign Panel	8.000 EACH	6,500.00000	52,000.00	5,775.00000	46,200.00	6,845.00000	54,760.00
630-80358	Advance Warning Flashing or Sequencing Arrow Panel (C Type)	4.000 EACH	1,500.00000	6,000.00	2,310.00000	9,240.00	2,750.00000	11,000.00
630-80360	Drum Channelizing Device	50.000 EACH	35.00000	1,750.00	37.00000	1,850.00	43.50000	2,175.00
630-80380	Traffic Cone	100.000 EACH	10.00000	1,000.00	20.00000	2,000.00	11.00000	1,100.00
630-80417	Sequential Flashing Warning Light	50.000 EACH	35.00000	1,750.00	136.00000	6,800.00	150.00000	7,500.00
630-85041	Mobile Attenuator	70.000 DAY	650.00000	45,500.00	640.00000	44,800.00	745.00000	52,150.00
630-86801	Traffic Signal (Temporary)	1.000 L S	15,000.00000	15,000.00	76,000.00000	76,000.00	185,650.00000	185,650.00

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			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS							
632-00000	Night Work Lighting	1.000 L S	20,000.00000	20,000.00	7,150.00000	7,150.00	28,000.00000	28,000.00
Section Totals:				\$1,550,097.00		\$1,832,965.00		\$2,071,793.00
Contract Grand Totals				\$1,550,097.00		\$1,832,965.00		\$2,071,793.00

Colorado Department Of Transportation

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Low Bid Item Analysis

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Contract ID: C23112

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0005	202-00090 Removal of Delineator	6.000	10.00000	100.00000 EACH	60.00	600.00	1000.00%	540.00
0010	202-00195 Removal of Median Cover	57.000	18.00000	40.00000 SY	1,026.00	2,280.00	222.22%	1,254.00
0015	202-00200 Removal of Sidewalk	619.000	30.00000	28.00000 SY	18,570.00	17,332.00	93.33%	-1,238.00
0020	202-00203 Removal of Curb and Gutter	543.000	12.00000	16.00000 LF	6,516.00	8,688.00	133.33%	2,172.00
0025	202-00210 Removal of Concrete Pavement	36.000	16.00000	45.00000 SY	576.00	1,620.00	281.25%	1,044.00
0030	202-00220 Removal of Asphalt Mat	94.000	10.00000	60.00000 SY	940.00	5,640.00	600.00%	4,700.00
0035	202-00250 Removal of Pavement Marking	4,051.000	1.00000	2.00000 SF	4,051.00	8,102.00	200.00%	4,051.00
0040	202-00828 Removal of Traffic Signal Equipment	1.000	54,000.00000	24,250.00000 L S	54,000.00	24,250.00	44.91%	-29,750.00
0045	202-04010 Clean Inlet	13.000	850.00000	2,000.00000 EACH	11,050.00	26,000.00	235.29%	14,950.00
0050	203-00065 Embankment Material (Complete In Place) (R20)	90.000	100.00000	115.00000 CY	9,000.00	10,350.00	115.00%	1,350.00
0055	203-00450 Rock Removal	2.000	200.00000	995.00000 EACH	400.00	1,990.00	497.50%	1,590.00
0060	203-01597 Potholing	60.000	260.00000	275.00000 HOUR	15,600.00	16,500.00	105.77%	900.00

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Low Bid Item Analysis

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Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0065	206-00065 Structure Backfill (Flow-Fill)	25.000	265.00000	325.00000 CY	6,625.00	8,125.00	122.64%	1,500.00
0070	207-00702 Topsoil (Offsite)	10.000	100.00000	150.00000 CY	1,000.00	1,500.00	150.00%	500.00
0075	208-00002 Erosion Log Type 1 (12 Inch)	167.000	6.00000	10.00000 LF	1,002.00	1,670.00	166.67%	668.00
0080	208-00035 Aggregate Bag	160.000	8.00000	11.00000 LF	1,280.00	1,760.00	137.50%	480.00
0085	208-00046 Pre-fabricated Concrete Washout Structure (Type 1)	3.000	1,500.00000	625.00000 EACH	4,500.00	1,875.00	41.67%	-2,625.00
0090	208-00053 Storm Drain Inlet Protection (Type I) (84 Inch)	8.000	260.00000	230.00000 EACH	2,080.00	1,840.00	88.46%	-240.00
0095	208-00054 Storm Drain Inlet Protection (Type II)	4.000	300.00000	305.00000 EACH	1,200.00	1,220.00	101.67%	20.00
0100	208-00057 Storm Drain Inlet Protection (Type I) (144 inch)	1.000	350.00000	340.00000 EACH	350.00	340.00	97.14%	-10.00
0105	208-00103 Removal and Disposal of Sediment (Labor)	16.000	65.00000	95.00000 HOUR	1,040.00	1,520.00	146.15%	480.00
0110	208-00105 Removal and Disposal of Sediment (Equipment)	16.000	130.00000	130.00000 HOUR	2,080.00	2,080.00	100.00%	0.00
0115	208-00106 Sweeping (Sediment Removal)	12.000	130.00000	160.00000 HOUR	1,560.00	1,920.00	123.08%	360.00
0120	208-00107 Removal of Trash	10.000	100.00000	75.00000 HOUR	1,000.00	750.00	75.00%	-250.00

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SECTION:	0001	BID ITEMS						
0125	210-00300 Reset Brick Pavers	2.000	125.00000	280.00000 SY	250.00	560.00	224.00%	310.00
0130	210-00827 Reset Pull Box	1.000	800.00000	1,420.00000 EACH	800.00	1,420.00	177.50%	620.00
0135	210-00867 Reset Fire Preemption Unit	5.000	800.00000	665.00000 EACH	4,000.00	3,325.00	83.13%	-675.00
0140	212-00050 Sod	507.000	3.00000	6.00000 SF	1,521.00	3,042.00	200.00%	1,521.00
0145	212-00700 Organic Fertilizer	30.000	2.00000	20.00000 LB	60.00	600.00	1000.00%	540.00
0150	212-00708 Seeding (Native) Broadcast	0.200	3,500.00000	3,635.00000 ACRE	700.00	727.00	103.86%	27.00
0155	212-01200 Landscape Restoration	1.000	5,000.00000	11,750.00000 L S	5,000.00	11,750.00	235.00%	6,750.00
0160	213-00002 Mulching (Weed Free Hay)	0.200	900.00000	2,085.00000 ACRE	180.00	417.00	231.67%	237.00
0165	213-00061 Mulch Tackifier	40.000	3.00000	20.00000 LB	120.00	800.00	666.67%	680.00
0170	304-06007 Aggregate Base Course (Class 6)	31.000	75.00000	107.00000 CY	2,325.00	3,317.00	142.67%	992.00
0175	403-00721 Hot Mix Asphalt (Patching) (Asphalt)	120.000	75.00000	177.00000 SY	9,000.00	21,240.00	236.00%	12,240.00
0180	412-00190 Concrete Pavement (Patching)	18.000	325.00000	145.00000 SY	5,850.00	2,610.00	44.62%	-3,240.00

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SECTION:	0001	BID ITEMS						
0185	503-00018 Drilled Shaft (18 Inch) (Vacuum)	50.000	250.00000	325.00000 LF	12,500.00	16,250.00	130.00%	3,750.00
0190	503-00036 Drilled Shaft (36 Inch) (Vacuum)	209.000	375.00000	590.00000 LF	78,375.00	123,310.00	157.33%	44,935.00
0195	608-00000 Concrete Sidewalk	233.000	90.00000	120.00000 SY	20,970.00	27,960.00	133.33%	6,990.00
0200	608-00010 Concrete Curb Ramp	237.000	185.00000	183.00000 SY	43,845.00	43,371.00	98.92%	-474.00
0205	609-21010 Curb and Gutter Type 2 (Section I-B)	35.000	30.00000	65.00000 LF	1,050.00	2,275.00	216.67%	1,225.00
0210	609-21020 Curb and Gutter Type 2 (Section II-B)	852.000	35.00000	37.00000 LF	29,820.00	31,524.00	105.71%	1,704.00
0215	610-00020 Median Cover Material (Patterned Concrete)	907.000	35.00000	25.00000 SF	31,745.00	22,675.00	71.43%	-9,070.00
0220	612-00043 Delineator (Flexible) (Type III)	14.000	85.00000	110.00000 EACH	1,190.00	1,540.00	129.41%	350.00
0225	613-00200 2 Inch Electrical Conduit	60.000	24.00000	18.00000 LF	1,440.00	1,080.00	75.00%	-360.00
0230	613-00206 2 Inch Electrical Conduit (Bored)	2,365.000	13.00000	19.00000 LF	30,745.00	44,935.00	146.15%	14,190.00
0235	613-00300 3 Inch Electrical Conduit	60.000	25.00000	21.00000 LF	1,500.00	1,260.00	84.00%	-240.00
0240	613-00306 3 Inch Electrical Conduit (Bored)	1,730.000	25.00000	22.00000 LF	43,250.00	38,060.00	88.00%	-5,190.00

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SECTION:	0001	BID ITEMS						
0245	613-07000 Pull Box (Special)	2.000	25.00000	1,505.00000 EACH	50.00	3,010.00	6020.00%	2,960.00
0250	613-07001 Type One Pull Box	16.000	950.00000	940.00000 EACH	15,200.00	15,040.00	98.95%	-160.00
0255	613-07004 Type Four Pull Box	17.000	2,500.00000	1,505.00000 EACH	42,500.00	25,585.00	60.20%	-16,915.00
0260	613-07005 Type Five Pull Box	3.000	2,500.00000	2,105.00000 EACH	7,500.00	6,315.00	84.20%	-1,185.00
0265	613-10000 Wiring	1.000	15,000.00000	64,250.00000 L S	15,000.00	64,250.00	428.33%	49,250.00
0270	613-13014 Luminaire (LED) (14,000 Lumens)	12.000	2,500.00000	855.00000 EACH	30,000.00	10,260.00	34.20%	-19,740.00
0275	613-80130 Service Meter Cabinet	2.000	7,500.00000	6,740.00000 EACH	15,000.00	13,480.00	89.87%	-1,520.00
0280	614-00011 Sign Panel (Class I)	48.000	25.00000	41.00000 SF	1,200.00	1,968.00	164.00%	768.00
0285	614-00026 Sign Panel (Class I) (Install Only)	12.000	35.00000	440.00000 EACH	420.00	5,280.00	1257.14%	4,860.00
0290	614-70150 Pedestrian Signal Face (16) (Countdown)	24.000	600.00000	535.00000 EACH	14,400.00	12,840.00	89.17%	-1,560.00
0295	614-70336 Traffic Signal Face (12-12-12)	47.000	800.00000	880.00000 EACH	37,600.00	41,360.00	110.00%	3,760.00
0300	614-70448 Traffic Signal Face (12-12-12-12)	8.000	900.00000	1,150.00000 EACH	7,200.00	9,200.00	127.78%	2,000.00

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Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0305	614-72836 Conflict Monitor	2.000	1,000.00000	1,285.00000 EACH	2,000.00	2,570.00	128.50%	570.00
0310	614-72855 Traffic Signal Controller Cabinet	2.000	2,000.00000	15,200.00000 EACH	4,000.00	30,400.00	760.00%	26,400.00
0315	614-72860 Pedestrian Push Button	24.000	850.00000	1,440.00000 EACH	20,400.00	34,560.00	169.41%	14,160.00
0320	614-72886 Intersection Detection System (Camera) (Iteris Next)	1.000	7,500.00000	44,200.00000 EACH	7,500.00	44,200.00	589.33%	36,700.00
0325	614-72887 Microwave Vehicle Radar Detector (Wavetronix)	12.000	7,500.00000	6,900.00000 EACH	90,000.00	82,800.00	92.00%	-7,200.00
0330	614-81125 Traffic Signal-Light Pole Steel (1-25 Foot Mast Arm)	1.000	15,000.00000	18,400.00000 EACH	15,000.00	18,400.00	122.67%	3,400.00
0335	614-81130 Traffic Signal-Light Pole Steel (1-30 Foot Mast Arm)	2.000	15,000.00000	19,000.00000 EACH	30,000.00	38,000.00	126.67%	8,000.00
0340	614-81135 Traffic Signal-Light Pole Steel (1-35 Foot Mast Arm)	2.000	18,000.00000	19,435.00000 EACH	36,000.00	38,870.00	107.97%	2,870.00
0345	614-81140 Traffic Signal-Light Pole Steel (1-40 Foot Mast Arm)	1.000	16,000.00000	20,660.00000 EACH	16,000.00	20,660.00	129.13%	4,660.00
0350	614-81145 Traffic Signal-Light Pole Steel (1-45 Foot Mast Arm)	1.000	20,000.00000	21,210.00000 EACH	20,000.00	21,210.00	106.05%	1,210.00

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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						
0355	614-81150 Traffic Signal-Light Pole Steel (1-50 Foot Mast Arm)	2.000	19,500.00000	21,980.00000 EACH	39,000.00	43,960.00	112.72%	4,960.00
0360	614-81155 Traffic Signal-Light Pole Steel (1-55 Foot Mast Arm)	2.000	20,000.00000	22,190.00000 EACH	40,000.00	44,380.00	110.95%	4,380.00
0365	614-81160 Traffic Signal Light Pole Steel (1-60 Foot Mast Arm)	1.000	26,000.00000	31,200.00000 EACH	26,000.00	31,200.00	120.00%	5,200.00
0370	614-84000 Traffic Signal Pedestal Pole Steel	10.000	3,000.00000	2,660.00000 EACH	30,000.00	26,600.00	88.67%	-3,400.00
0375	614-86105 Telemetry (Field)	2.000	10,000.00000	5,365.00000 EACH	20,000.00	10,730.00	53.65%	-9,270.00
0380	614-86248 Traffic Signal Controller (Type 2070LC)	2.000	6,000.00000	4,370.00000 EACH	12,000.00	8,740.00	72.83%	-3,260.00
0385	614-86800 Uninterrupted Power Supply	2.000	7,000.00000	5,160.00000 EACH	14,000.00	10,320.00	73.71%	-3,680.00
0390	614-87006 Fiber Optic Termination Panel (6 Fiber)	2.000	900.00000	760.00000 EACH	1,800.00	1,520.00	84.44%	-280.00
0395	614-87333 Closed Circuit Television Camera (Traffic Surveillance)	3.000	7,500.00000	5,100.00000 EACH	22,500.00	15,300.00	68.00%	-7,200.00
0400	614-87350 Test Fiber Optic Cable	3.000	13,000.00000	1,750.00000 L S	39,000.00	5,250.00	13.46%	-33,750.00
0405	614-87512 Splice Fiber Optic Cable (12 Strand)	2.000	16,000.00000	1,430.00000 EACH	32,000.00	2,860.00	8.94%	-29,140.00

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SECTION:	0001	BID ITEMS						
0410	614-87692 Ethernet Switch Type II	2.000	5,500.00000	6,795.00000 EACH	11,000.00	13,590.00	123.55%	2,590.00
0415	620-00002 Field Office (Class 2)	1.000	30,000.00000	36,250.00000 EACH	30,000.00	36,250.00	120.83%	6,250.00
0420	620-00020 Sanitary Facility	1.000	1,500.00000	2,590.00000 EACH	1,500.00	2,590.00	172.67%	1,090.00
0425	625-00000 Construction Surveying	1.000	15,000.00000	11,100.00000 L S	15,000.00	11,100.00	74.00%	-3,900.00
0430	626-00000 Mobilization	1.000	30,000.00000	106,000.00000 L S	30,000.00	106,000.00	353.33%	76,000.00
0435	626-01114 Public Information Management (Tier IV)	80.000	50.00000	60.00000 DAY	4,000.00	4,800.00	120.00%	800.00
0440	627-00008 Modified Epoxy Pavement Marking	5.000	200.00000	525.00000 GAL	1,000.00	2,625.00	262.50%	1,625.00
0445	627-30405 Preformed Thermoplastic Pavement Marking (Word-Symbol)	27.000	15.00000	32.00000 SF	405.00	864.00	213.33%	459.00
0450	627-30410 Preformed Thermoplastic Pavement Marking (Xwalk-Stop Line)	3,994.000	15.00000	13.00000 SF	59,910.00	51,922.00	86.67%	-7,988.00
0455	630-00000 Flagging	100.000	30.00000	39.00000 HOUR	3,000.00	3,900.00	130.00%	900.00
0460	630-00003 Uniformed Traffic Control	24.000	100.00000	137.00000 HOUR	2,400.00	3,288.00	137.00%	888.00

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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						
0465	630-00007 Traffic Control Inspection	26.000	200.00000	220.00000 DAY	5,200.00	5,720.00	110.00%	520.00
0470	630-00012 Traffic Control Management	80.000	750.00000	1,165.00000 DAY	60,000.00	93,200.00	155.33%	33,200.00
0475	630-80335 Barricade (Type 3 M-A) (Temporary)	4.000	220.00000	200.00000 EACH	880.00	800.00	90.91%	-80.00
0480	630-80341 Construction Traffic Sign (Panel Size A)	104.000	50.00000	63.00000 EACH	5,200.00	6,552.00	126.00%	1,352.00
0485	630-80342 Construction Traffic Sign (Panel Size B)	12.000	70.00000	63.00000 EACH	840.00	756.00	90.00%	-84.00
0490	630-80350 Vertical Panel	50.000	35.00000	37.00000 EACH	1,750.00	1,850.00	105.71%	100.00
0495	630-80355 Portable Message Sign Panel	8.000	6,500.00000	5,775.00000 EACH	52,000.00	46,200.00	88.85%	-5,800.00
0500	630-80358 Advance Warning Flashing or Sequencing Arrow Panel (C Type)	4.000	1,500.00000	2,310.00000 EACH	6,000.00	9,240.00	154.00%	3,240.00
0505	630-80360 Drum Channelizing Device	50.000	35.00000	37.00000 EACH	1,750.00	1,850.00	105.71%	100.00
0510	630-80380 Traffic Cone	100.000	10.00000	20.00000 EACH	1,000.00	2,000.00	200.00%	1,000.00
0515	630-80417 Sequential Flashing Warning Light	50.000	35.00000	136.00000 EACH	1,750.00	6,800.00	388.57%	5,050.00
0520	630-85041 Mobile Attenuator	70.000	650.00000	640.00000 DAY	45,500.00	44,800.00	98.46%	-700.00

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Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0525	630-86801 Traffic Signal (Temporary)	1.000	15,000.00000	76,000.00000 L S	15,000.00	76,000.00	506.67%	61,000.00
0530	632-00000 Night Work Lighting	1.000	20,000.00000	7,150.00000 L S	20,000.00	7,150.00	35.75%	-12,850.00
Section 0001 Subtotal					\$1,550,097.00	\$1,832,965.00	118.25%	\$282,868.00
Contract Total for Calculated Low Bidders Bid Items					\$1,550,097.00	\$1,832,965.00	118.25%	\$282,868.00