

Colorado Department Of Transportation

Printed On: 04/30/2019

Low Bid Summary

Page 1 of 1

Letting Date: March 21, 2019

Call Order	Contract ID	Project(s)	# of Bids	Low Bidder	Estimated Cost	Corrected Bid	Percent of Estimate	Overrun (+) Underrun (-)
004	C22389R	SHER100-308	2	W.L. CONTRACTORS, INC.	\$2,275,529.90	\$2,699,567.00	118.63%	\$424,037.10
Letting Totals			2		\$2,275,529.90	\$2,699,567.00	118.63%	\$424,037.10

Vendor Ranking

Contract Description:
SIGNAL CONST PACKAGE A FOR 21793

Contract ID: C22389R

6 Locations as follows:
EB C470 @ University
SH 121 @ Deer Creek Canyon
SH 121 @ Peakview Dr
SH 121 @ Chatfield entrance
SH 93 @ Washington
SH 95 @ WB I76

Includes signal replacements, safety upgrades, and geometric changes.

Rank	Vendor ID	Vendor Name	Total Bid	Percent Of Low Bid	Percent Of Estimate
0	-EST-	Engineer's Estimate	\$2,275,529.90	84.29%	100.00%
1	697A	W.L. CONTRACTORS, INC.	\$2,699,567.00	100.00%	118.63%
2	720A	STURGEON ELECTRIC COMPANY, INC.	\$2,773,589.75	102.74%	121.89%

Tabulation of Bids

Contract ID: C22389R

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 697A W.L. CONTRACTORS, INC.		(2) 720A STURGEON ELECTRIC COMPANY, INC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS				LCC:		
202-00019	Removal of Inlet	1.000 EACH	1,000.00000	1,000.00	3,200.00000	3,200.00	2,850.00000	2,850.00
202-00035	Removal of Pipe	32.000 LF	30.00000	960.00	64.00000	2,048.00	76.50000	2,448.00
202-00190	Removal of Concrete Median Cover Material	337.000 SY	7.50000	2,527.50	35.00000	11,795.00	34.00000	11,458.00
202-00200	Removal of Sidewalk	205.000 SY	30.00000	6,150.00	36.00000	7,380.00	34.00000	6,970.00
202-00203	Removal of Curb and Gutter	972.000 LF	10.00000	9,720.00	12.00000	11,664.00	13.75000	13,365.00
202-00206	Removal of Concrete Curb Ramp	131.000 SY	43.00000	5,633.00	38.50000	5,043.50	40.50000	5,305.50
202-00220	Removal of Asphalt Mat	600.000 SY	10.00000	6,000.00	41.00000	24,600.00	34.00000	20,400.00
202-00240	Removal of Asphalt Mat (Planing)	1,087.000 SY	30.00000	32,610.00	10.00000	10,870.00	5.00000	5,435.00
202-00250	Removal of Pavement Marking	3,245.000 SF	2.00000	6,490.00	3.50000	11,357.50	2.50000	8,112.50
202-00828	Removal of Traffic Signal Equipment	1.000 L S	30,000.00000	30,000.00	94,738.00000	94,738.00	50,000.00000	50,000.00
202-04002	Clean Culvert	3.000 EACH	1,500.00000	4,500.00	1,050.00000	3,150.00	2,200.00000	6,600.00
202-04006	Clean Culvert	5.000 HOUR	350.00000	1,750.00	345.00000	1,725.00	2,200.00000	11,000.00
202-04010	Clean Inlet	1.000 EACH	400.00000	400.00	1,725.00000	1,725.00	630.00000	630.00
203-00010	Unclassified Excavation (Complete In Place)	203.000 CY	18.00000	3,654.00	50.00000	10,150.00	195.00000	39,585.00
203-01597	Potholing	100.000 HOUR	260.00000	26,000.00	175.00000	17,500.00	350.00000	35,000.00

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			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS				LCC:		
208-00002	Erosion Log Type 1 (12 Inch)	680.000 LF	5.00000	3,400.00	7.50000	5,100.00	9.00000	6,120.00
208-00035	Aggregate Bag	436.000 LF	10.00000	4,360.00	7.00000	3,052.00	9.00000	3,924.00
208-00046	Pre-fabricated Concrete Washout Structure (Type 1)	3.000 EACH	1,450.00000	4,350.00	1,300.00000	3,900.00	1,800.00000	5,400.00
208-00051	Storm Drain Inlet Protection (Type I)	26.000 LF	14.00000	364.00	58.00000	1,508.00	67.00000	1,742.00
208-00070	Vehicle Tracking Pad	1.000 EACH	2,000.00000	2,000.00	2,550.00000	2,550.00	1,200.00000	1,200.00
208-00103	Removal and Disposal of Sediment (Labor)	20.000 HOUR	60.00000	1,200.00	60.00000	1,200.00	77.00000	1,540.00
208-00105	Removal and Disposal of Sediment (Equipment)	15.000 HOUR	115.00000	1,725.00	100.00000	1,500.00	125.00000	1,875.00
208-00106	Sweeping (Sediment Removal)	60.000 HOUR	140.00000	8,400.00	150.00000	9,000.00	145.00000	8,700.00
208-00107	Removal of Trash	10.000 HOUR	115.00000	1,150.00	70.00000	700.00	77.00000	770.00
210-00810	Reset Ground Sign	3.000 EACH	260.00000	780.00	770.00000	2,310.00	650.00000	1,950.00
210-00815	Reset Sign Panel	7.000 EACH	160.00000	1,120.00	90.00000	630.00	100.00000	700.00
210-00867	Reset Fire Preemption Unit	9.000 EACH	475.00000	4,275.00	410.00000	3,690.00	1,210.00000	10,890.00
212-00006	Seeding (Native)	0.420 ACRE	825.00000	346.50	1,215.00000	510.30	1,400.00000	588.00
212-00032	Soil Conditioning	0.420 ACRE	3,300.00000	1,386.00	4,100.00000	1,722.00	3,750.00000	1,575.00
213-00003	Mulching (Weed Free)	0.420 ACRE	1,100.00000	462.00	5,065.12000	2,127.35	4,525.00000	1,900.50

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			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS				LCC:		
213-00061	Mulch Tackifier	59.000 LB	2.60000	153.40	3.25000	191.75	7.25000	427.75
304-06000	Aggregate Base Course (Class 6)	489.000 TON	50.00000	24,450.00	45.00000	22,005.00	100.00000	48,900.00
304-06007	Aggregate Base Course (Class 6)	133.000 CY	90.00000	11,970.00	77.00000	10,241.00	115.00000	15,295.00
403-00720	Hot Mix Asphalt (Patching) (Asphalt)	575.000 TON	185.00000	106,375.00	260.00000	149,500.00	390.00000	224,250.00
403-34841	Hot Mix Asphalt (Grading SX) (100) (PG 64-22)	151.000 TON	125.00000	18,875.00	395.00000	59,645.00	225.00000	33,975.00
403-34871	Hot Mix Asphalt (Grading SX) (100) (PG 76-28)	151.000 TON	125.00000	18,875.00	398.00000	60,098.00	380.00000	57,380.00
503-00018	Drilled Caisson (18 Inch)	35.000 LF	145.00000	5,075.00	145.00000	5,075.00	215.00000	7,525.00
503-00024	Drilled Caisson (24 Inch)	7.000 LF	200.00000	1,400.00	235.00000	1,645.00	280.00000	1,960.00
503-00036	Drilled Caisson (36 Inch)	342.000 LF	350.00000	119,700.00	385.00000	131,670.00	490.00000	167,580.00
503-00048	Drilled Caisson (48 Inch)	21.000 LF	540.00000	11,340.00	495.00000	10,395.00	590.00000	12,390.00
503-00054	Drilled Caisson (54 Inch)	42.000 LF	550.00000	23,100.00	585.00000	24,570.00	600.00000	25,200.00
603-01185	18 Inch Reinforced Concrete Pipe (Complete In Place)	20.000 LF	100.00000	2,000.00	193.00000	3,860.00	300.00000	6,000.00
604-19105	Inlet Type R L 5 (5 Foot)	1.000 EACH	5,500.00000	5,500.00	9,000.00000	9,000.00	8,780.00000	8,780.00
604-30010	Manhole Slab Base (10 Foot)	1.000 EACH	5,000.00000	5,000.00	12,850.00000	12,850.00	7,900.00000	7,900.00
607-01050	Fence Wire With Metal Posts	50.000 LF	10.00000	500.00	160.00000	8,000.00	56.00000	2,800.00

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			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS						
						LCC:		
607-11525	Fence (Plastic)	290.000 LF	5.00000	1,450.00	3.50000	1,015.00	6.00000	1,740.00
608-00000	Concrete Sidewalk	231.000 SY	50.00000	11,550.00	104.00000	24,024.00	76.00000	17,556.00
608-00005	Concrete Sidewalk (Special)	87.000 SY	150.00000	13,050.00	254.00000	22,098.00	90.00000	7,830.00
608-00010	Concrete Curb Ramp	220.000 SY	185.00000	40,700.00	196.00000	43,120.00	125.00000	27,500.00
609-21010	Curb and Gutter Type 2 (Section I-B)	382.000 LF	35.00000	13,370.00	33.50000	12,797.00	39.00000	14,898.00
609-21020	Curb and Gutter Type 2 (Section II-B)	803.000 LF	37.00000	29,711.00	36.00000	28,908.00	45.00000	36,135.00
609-21900	Curb and Gutter Type 2 (Special)	96.000 LF	50.00000	4,800.00	135.00000	12,960.00	79.00000	7,584.00
610-00010	Median Cover Material (Decorative)	422.000 SF	20.00000	8,440.00	67.00000	28,274.00	25.00000	10,550.00
610-00030	Median Cover Material (Concrete)	450.000 SF	10.00000	4,500.00	15.50000	6,975.00	14.00000	6,300.00
613-00206	2 Inch Electrical Conduit (Bored)	2,335.000 LF	16.00000	37,360.00	14.00000	32,690.00	15.40000	35,959.00
613-00306	3 Inch Electrical Conduit (Bored)	3,800.000 LF	24.00000	91,200.00	15.50000	58,900.00	16.70000	63,460.00
613-01100	1 Inch Electrical Conduit (Plastic)	250.000 LF	20.00000	5,000.00	8.00000	2,000.00	10.80000	2,700.00
613-01200	2 Inch Electrical Conduit (Plastic)	805.000 LF	11.00000	8,855.00	12.50000	10,062.50	12.60000	10,143.00
613-01300	3 Inch Electrical Conduit (Plastic)	960.000 LF	13.00000	12,480.00	18.50000	17,760.00	13.80000	13,248.00
613-07001	Type One Pull Box	1.000 EACH	500.00000	500.00	630.00000	630.00	1,030.00000	1,030.00
613-07002	Type Two Pull Box	4.000 EACH	580.00000	2,320.00	880.00000	3,520.00	1,270.00000	5,080.00

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			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS				LCC:		
613-07004	Type Four Pull Box	23.000 EACH	1,225.00000	28,175.00	1,555.00000	35,765.00	1,955.00000	44,965.00
613-07005	Type Five Pull Box	6.000 EACH	1,500.00000	9,000.00	2,150.00000	12,900.00	2,360.00000	14,160.00
613-10000	Wiring	1.000 L S	30,000.00000	30,000.00	33,000.00000	33,000.00	75,000.00000	75,000.00
613-13006	Luminare (LED) (8500 Lumens)	17.000 EACH	835.00000	14,195.00	515.00000	8,755.00	740.00000	12,580.00
613-20200	Luminaire (Install Only)	4.000 EACH	240.00000	960.00	150.00000	600.00	250.00000	1,000.00
613-80130	Service Meter Cabinet	4.000 EACH	4,250.00000	17,000.00	3,915.00000	15,660.00	5,715.00000	22,860.00
614-00011	Sign Panel (Class I)	311.500 SF	20.00000	6,230.00	26.00000	8,099.00	25.00000	7,787.50
614-00012	Sign Panel (Class II)	157.000 SF	25.00000	3,925.00	27.00000	4,239.00	25.00000	3,925.00
614-01503	Steel Sign Support (2-Inch Round)(Post and Socket)	1.000 EACH	210.00000	210.00	450.00000	450.00	470.00000	470.00
614-01583	Steel Sign Support (2-1/2 In Round Sch 80) (Post & Slipbase)	8.000 EACH	425.00000	3,400.00	770.00000	6,160.00	790.00000	6,320.00
614-70024	1310nm SFP Optic Module	6.000 EACH	575.00000	3,450.00	610.00000	3,660.00	545.00000	3,270.00
614-70030	Optical Attenuator	3.000 EACH	175.00000	525.00	155.00000	465.00	380.00000	1,140.00
614-70150	Pedestrian Signal Face (16) (Countdown)	40.000 EACH	525.00000	21,000.00	550.00000	22,000.00	700.00000	28,000.00
614-70336	Traffic Signal Face (12-12-12)	89.000 EACH	700.00000	62,300.00	625.00000	55,625.00	865.00000	76,985.00
614-70560	Traffic Signal Face (12-12-12-12-12)	4.000 EACH	1,400.00000	5,600.00	1,480.00000	5,920.00	1,300.00000	5,200.00

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			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001	BID ITEMS				LCC:		
614-72836	Conflict Monitor	3.000 EACH	920.00000	2,760.00	820.00000	2,460.00	785.00000	2,355.00
614-72855	Traffic Signal Controller Cabinet	3.000 EACH	15,000.00000	45,000.00	16,500.00000	49,500.00	17,300.00000	51,900.00
614-72860	Pedestrian Push Button	42.000 EACH	600.00000	25,200.00	220.00000	9,240.00	375.00000	15,750.00
614-72863	Pedestrian Push Button Post Assembly	15.000 EACH	3,000.00000	45,000.00	740.00000	11,100.00	1,600.00000	24,000.00
614-72885	Traffic Signal Vehicle Detector (Special)	35.000 EACH	11,500.00000	402,500.00	7,900.00000	276,500.00	7,450.00000	260,750.00
614-81000	Traffic Signal-Light Pole Steel	1.000 EACH	8,000.00000	8,000.00	7,900.00000	7,900.00	12,450.00000	12,450.00
614-81125	Traffic Signal-Light Pole Steel (1-25 Foot Mast Arm)	1.000 EACH	11,000.00000	11,000.00	11,855.00000	11,855.00	15,700.00000	15,700.00
614-81130	Traffic Signal-Light Pole Steel (1-30 Foot Mast Arm)	3.000 EACH	15,000.00000	45,000.00	14,885.00000	44,655.00	16,400.00000	49,200.00
614-81135	Traffic Signal-Light Pole Steel (1-35 Foot Mast Arm)	1.000 EACH	13,000.00000	13,000.00	16,100.00000	16,100.00	16,500.00000	16,500.00
614-81140	Traffic Signal-Light Pole Steel (1-40 Foot Mast Arm)	1.000 EACH	13,750.00000	13,750.00	16,725.00000	16,725.00	18,200.00000	18,200.00
614-81145	Traffic Signal-Light Pole Steel (1-45 Foot Mast Arm)	1.000 EACH	15,800.00000	15,800.00	17,000.00000	17,000.00	18,415.00000	18,415.00
614-81150	Traffic Signal-Light Pole Steel (1-50 Foot Mast Arm)	4.000 EACH	15,900.00000	63,600.00	17,350.00000	69,400.00	18,550.00000	74,200.00
614-81155	Traffic Signal-Light Pole Steel (1-55 Foot Mast Arm)	7.000 EACH	15,500.00000	108,500.00	17,500.00000	122,500.00	18,740.00000	131,180.00
614-81160	Traffic Signal Light Pole Steel (1-60 Foot Mast Arm)	1.000 EACH	22,000.00000	22,000.00	26,950.00000	26,950.00	27,595.00000	27,595.00

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SECTION:	0001 BID ITEMS				LCC:			
614-81170	Traffic Signal-Light Pole Steel (1-70 Foot Mast Arm)	1.000 EACH	23,800.00000	23,800.00	28,350.00000	28,350.00	33,555.00000	33,555.00
614-81175	Traffic Signal-Light Pole Steel (1-75 Foot Mast Arm)	1.000 EACH	24,500.00000	24,500.00	28,555.00000	28,555.00	33,950.00000	33,950.00
614-84000	Traffic Signal Pedestal Pole Steel	6.000 EACH	2,100.00000	12,600.00	2,025.00000	12,150.00	3,075.00000	18,450.00
614-86248	Traffic Signal Controller (Type 2070LC)	3.000 EACH	5,100.00000	15,300.00	5,925.00000	17,775.00	6,350.00000	19,050.00
614-86800	Uninterrupted Power Supply	3.000 EACH	9,900.00000	29,700.00	7,525.00000	22,575.00	6,620.00000	19,860.00
614-87010	Fiber Optic Cable (Single Mode) (12 Fiber)	480.000 LF	10.00000	4,800.00	7.25000	3,480.00	3.50000	1,680.00
614-87012	Fiber Optic Termination Panel (12 Fiber)	3.000 EACH	575.00000	1,725.00	655.00000	1,965.00	1,530.00000	4,590.00
614-87015	Buffer Tube Fan Out Kit	3.000 EACH	500.00000	1,500.00	78.00000	234.00	280.00000	840.00
614-87320	Closed Circuit Television	3.000 EACH	5,000.00000	15,000.00	4,400.00000	13,200.00	5,400.00000	16,200.00
614-87350	Test Fiber Optic Cable	1.000 L S	6,000.00000	6,000.00	4,100.00000	4,100.00	7,930.00000	7,930.00
614-87512	Splice Fiber Optic Cable (12 Strand)	3.000 EACH	125.00000	375.00	2,100.00000	6,300.00	1,900.00000	5,700.00
614-87692	Ethernet Switch Type II	3.000 EACH	3,580.00000	10,740.00	4,025.00000	12,075.00	3,800.00000	11,400.00
615-00050	Embankment Protector Type 5	1.000 EACH	3,000.00000	3,000.00	13,000.00000	13,000.00	3,700.00000	3,700.00
620-00020	Sanitary Facility	1.000 EACH	1,900.00000	1,900.00	1,700.00000	1,700.00	1,800.00000	1,800.00
625-00000	Construction Surveying	1.000 L S	10,000.00000	10,000.00	30,000.00000	30,000.00	19,200.00000	19,200.00

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SECTION:	0001	BID ITEMS			LCC:			
626-00000	Mobilization	1.000 L S	25,000.00000	25,000.00	218,000.00000	218,000.00	137,000.00000	137,000.00
626-01104	Public Information Services (Tier IV)	1.000 L S	5,000.00000	5,000.00	6,825.00000	6,825.00	5,950.00000	5,950.00
627-00008	Modified Epoxy Pavement Marking	11.000 GAL	100.00000	1,100.00	488.00000	5,368.00	435.00000	4,785.00
627-00013	Pavement Marking Paint (High Build)	2.000 GAL	35.00000	70.00	238.00000	476.00	495.00000	990.00
627-01010	Preformed Plastic Pavement Marking (Type I)(Inlaid)	221.000 SF	12.50000	2,762.50	20.50000	4,530.50	20.00000	4,420.00
627-30405	Preformed Thermoplastic Pavement Marking (Word-Symbol)	357.000 SF	20.00000	7,140.00	18.00000	6,426.00	18.00000	6,426.00
627-30410	Preformed Thermoplastic Pavement Marking (Xwalk-Stop Line)	4,351.000 SF	12.50000	54,387.50	13.00000	56,563.00	11.00000	47,861.00
630-00000	Flagging	1,000.000 HOUR	25.00000	25,000.00	32.00000	32,000.00	29.00000	29,000.00
630-00003	Uniformed Traffic Control	96.000 HOUR	100.00000	9,600.00	145.00000	13,920.00	135.00000	12,960.00
630-00007	Traffic Control Inspection	56.000 DAY	185.00000	10,360.00	255.00000	14,280.00	120.00000	6,720.00
630-00012	Traffic Control Management	140.000 DAY	750.00000	105,000.00	900.00000	126,000.00	900.00000	126,000.00
630-80335	Barricade (Type 3 M-A) (Temporary)	10.000 EACH	185.00000	1,850.00	195.00000	1,950.00	46.00000	460.00
630-80341	Construction Traffic Sign (Panel Size A)	44.000 EACH	45.00000	1,980.00	51.50000	2,266.00	36.00000	1,584.00
630-80342	Construction Traffic Sign (Panel Size B)	66.000 EACH	60.00000	3,960.00	264.00000	17,424.00	36.00000	2,376.00
630-80343	Construction Traffic Sign (Panel Size C)	11.000 EACH	75.00000	825.00	264.00000	2,904.00	46.00000	506.00

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SECTION:	0001	BID ITEMS						
						LCC:		
630-80355	Portable Message Sign Panel	2.000 EACH	5,000.00000	10,000.00	4,500.05000	9,000.10	2,725.00000	5,450.00
630-80356	Advance Warning Flashing or Sequencing Arrow Panel (A Type)	6.000 EACH	1,000.00000	6,000.00	1,300.00000	7,800.00	625.00000	3,750.00
630-80360	Drum Channelizing Device	70.000 EACH	35.00000	2,450.00	90.00000	6,300.00	36.00000	2,520.00
630-80393	Stackable Vertical Panels	155.000 EACH	17.50000	2,712.50	38.50000	5,967.50	32.00000	4,960.00
Section Totals:				\$2,275,529.90		\$2,699,567.00		\$2,773,589.75
Contract Grand Totals				\$2,275,529.90		\$2,699,567.00		\$2,773,589.75

Colorado Department Of Transportation

Printed On: 04/30/2019

Low Bid Item Analysis

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Contract ID: C22389R

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0005	202-00019 Removal of Inlet	1.000	1,000.00000	3,200.00000 EACH	1,000.00	3,200.00	320.00%	2,200.00
0010	202-00035 Removal of Pipe	32.000	30.00000	64.00000 LF	960.00	2,048.00	213.33%	1,088.00
0015	202-00190 Removal of Concrete Median Cover Material	337.000	7.50000	35.00000 SY	2,527.50	11,795.00	466.67%	9,267.50
0020	202-00200 Removal of Sidewalk	205.000	30.00000	36.00000 SY	6,150.00	7,380.00	120.00%	1,230.00
0025	202-00203 Removal of Curb and Gutter	972.000	10.00000	12.00000 LF	9,720.00	11,664.00	120.00%	1,944.00
0030	202-00206 Removal of Concrete Curb Ramp	131.000	43.00000	38.50000 SY	5,633.00	5,043.50	89.53%	-589.50
0035	202-00220 Removal of Asphalt Mat	600.000	10.00000	41.00000 SY	6,000.00	24,600.00	410.00%	18,600.00
0040	202-00240 Removal of Asphalt Mat (Planing)	1,087.000	30.00000	10.00000 SY	32,610.00	10,870.00	33.33%	-21,740.00
0045	202-00250 Removal of Pavement Marking	3,245.000	2.00000	3.50000 SF	6,490.00	11,357.50	175.00%	4,867.50
0050	202-00828 Removal of Traffic Signal Equipment	1.000	30,000.00000	94,738.00000 L S	30,000.00	94,738.00	315.79%	64,738.00
0055	202-04002 Clean Culvert	3.000	1,500.00000	1,050.00000 EACH	4,500.00	3,150.00	70.00%	-1,350.00
0060	202-04006 Clean Culvert	5.000	350.00000	345.00000 HOUR	1,750.00	1,725.00	98.57%	-25.00

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SECTION:	0001	BID ITEMS						
0065	202-04010 Clean Inlet	1.000	400.00000	1,725.00000 EACH	400.00	1,725.00	431.25%	1,325.00
0070	203-00010 Unclassified Excavation (Complete In Place)	203.000	18.00000	50.00000 CY	3,654.00	10,150.00	277.78%	6,496.00
0075	203-01597 Potholing	100.000	260.00000	175.00000 HOUR	26,000.00	17,500.00	67.31%	-8,500.00
0080	208-00002 Erosion Log Type 1 (12 Inch)	680.000	5.00000	7.50000 LF	3,400.00	5,100.00	150.00%	1,700.00
0085	208-00035 Aggregate Bag	436.000	10.00000	7.00000 LF	4,360.00	3,052.00	70.00%	-1,308.00
0090	208-00046 Pre-fabricated Concrete Washout Structure (Type 1)	3.000	1,450.00000	1,300.00000 EACH	4,350.00	3,900.00	89.66%	-450.00
0095	208-00051 Storm Drain Inlet Protection (Type I)	26.000	14.00000	58.00000 LF	364.00	1,508.00	414.29%	1,144.00
0100	208-00070 Vehicle Tracking Pad	1.000	2,000.00000	2,550.00000 EACH	2,000.00	2,550.00	127.50%	550.00
0105	208-00103 Removal and Disposal of Sediment (Labor)	20.000	60.00000	60.00000 HOUR	1,200.00	1,200.00	100.00%	0.00
0110	208-00105 Removal and Disposal of Sediment (Equipment)	15.000	115.00000	100.00000 HOUR	1,725.00	1,500.00	86.96%	-225.00
0115	208-00106 Sweeping (Sediment Removal)	60.000	140.00000	150.00000 HOUR	8,400.00	9,000.00	107.14%	600.00
0120	208-00107 Removal of Trash	10.000	115.00000	70.00000 HOUR	1,150.00	700.00	60.87%	-450.00

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SECTION:	0001	BID ITEMS						
0125	210-00810 Reset Ground Sign	3.000	260.00000	770.00000 EACH	780.00	2,310.00	296.15%	1,530.00
0130	210-00815 Reset Sign Panel	7.000	160.00000	90.00000 EACH	1,120.00	630.00	56.25%	-490.00
0135	210-00867 Reset Fire Preemption Unit	9.000	475.00000	410.00000 EACH	4,275.00	3,690.00	86.32%	-585.00
0140	212-00006 Seeding (Native)	0.420	825.00000	1,215.00000 ACRE	346.50	510.30	147.27%	163.80
0145	212-00032 Soil Conditioning	0.420	3,300.00000	4,100.00000 ACRE	1,386.00	1,722.00	124.24%	336.00
0150	213-00003 Mulching (Weed Free)	0.420	1,100.00000	5,065.12000 ACRE	462.00	2,127.35	460.47%	1,665.35
0155	213-00061 Mulch Tackifier	59.000	2.60000	3.25000 LB	153.40	191.75	125.00%	38.35
0160	304-06000 Aggregate Base Course (Class 6)	489.000	50.00000	45.00000 TON	24,450.00	22,005.00	90.00%	-2,445.00
0165	304-06007 Aggregate Base Course (Class 6)	133.000	90.00000	77.00000 CY	11,970.00	10,241.00	85.56%	-1,729.00
0170	403-00720 Hot Mix Asphalt (Patching) (Asphalt)	575.000	185.00000	260.00000 TON	106,375.00	149,500.00	140.54%	43,125.00
0175	403-34841 Hot Mix Asphalt (Grading SX) (100) (PG 64-22)	151.000	125.00000	395.00000 TON	18,875.00	59,645.00	316.00%	40,770.00
0180	403-34871 Hot Mix Asphalt (Grading SX) (100) (PG 76-28)	151.000	125.00000	398.00000 TON	18,875.00	60,098.00	318.40%	41,223.00

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Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0185	503-00018 Drilled Caisson (18 Inch)	35.000	145.00000	145.00000 LF	5,075.00	5,075.00	100.00%	0.00
0190	503-00024 Drilled Caisson (24 Inch)	7.000	200.00000	235.00000 LF	1,400.00	1,645.00	117.50%	245.00
0195	503-00036 Drilled Caisson (36 Inch)	342.000	350.00000	385.00000 LF	119,700.00	131,670.00	110.00%	11,970.00
0200	503-00048 Drilled Caisson (48 Inch)	21.000	540.00000	495.00000 LF	11,340.00	10,395.00	91.67%	-945.00
0205	503-00054 Drilled Caisson (54 Inch)	42.000	550.00000	585.00000 LF	23,100.00	24,570.00	106.36%	1,470.00
0210	603-01185 18 Inch Reinforced Concrete Pipe (Complete In Place)	20.000	100.00000	193.00000 LF	2,000.00	3,860.00	193.00%	1,860.00
0215	604-19105 Inlet Type R L 5 (5 Foot)	1.000	5,500.00000	9,000.00000 EACH	5,500.00	9,000.00	163.64%	3,500.00
0220	604-30010 Manhole Slab Base (10 Foot)	1.000	5,000.00000	12,850.00000 EACH	5,000.00	12,850.00	257.00%	7,850.00
0225	607-01050 Fence Wire With Metal Posts	50.000	10.00000	160.00000 LF	500.00	8,000.00	1600.00%	7,500.00
0230	607-11525 Fence (Plastic)	290.000	5.00000	3.50000 LF	1,450.00	1,015.00	70.00%	-435.00
0235	608-00000 Concrete Sidewalk	231.000	50.00000	104.00000 SY	11,550.00	24,024.00	208.00%	12,474.00
0240	608-00005 Concrete Sidewalk (Special)	87.000	150.00000	254.00000 SY	13,050.00	22,098.00	169.33%	9,048.00

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SECTION:	0001	BID ITEMS						
0245	608-00010 Concrete Curb Ramp	220.000	185.00000	196.00000 SY	40,700.00	43,120.00	105.95%	2,420.00
0250	609-21010 Curb and Gutter Type 2 (Section I-B)	382.000	35.00000	33.50000 LF	13,370.00	12,797.00	95.71%	-573.00
0255	609-21020 Curb and Gutter Type 2 (Section II-B)	803.000	37.00000	36.00000 LF	29,711.00	28,908.00	97.30%	-803.00
0260	609-21900 Curb and Gutter Type 2 (Special)	96.000	50.00000	135.00000 LF	4,800.00	12,960.00	270.00%	8,160.00
0265	610-00010 Median Cover Material (Decorative)	422.000	20.00000	67.00000 SF	8,440.00	28,274.00	335.00%	19,834.00
0270	610-00030 Median Cover Material (Concrete)	450.000	10.00000	15.50000 SF	4,500.00	6,975.00	155.00%	2,475.00
0275	613-00206 2 Inch Electrical Conduit (Bored)	2,335.000	16.00000	14.00000 LF	37,360.00	32,690.00	87.50%	-4,670.00
0280	613-00306 3 Inch Electrical Conduit (Bored)	3,800.000	24.00000	15.50000 LF	91,200.00	58,900.00	64.58%	-32,300.00
0285	613-01100 1 Inch Electrical Conduit (Plastic)	250.000	20.00000	8.00000 LF	5,000.00	2,000.00	40.00%	-3,000.00
0290	613-01200 2 Inch Electrical Conduit (Plastic)	805.000	11.00000	12.50000 LF	8,855.00	10,062.50	113.64%	1,207.50
0295	613-01300 3 Inch Electrical Conduit (Plastic)	960.000	13.00000	18.50000 LF	12,480.00	17,760.00	142.31%	5,280.00
0300	613-07001 Type One Pull Box	1.000	500.00000	630.00000 EACH	500.00	630.00	126.00%	130.00

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SECTION:	0001	BID ITEMS						
0305	613-07002 Type Two Pull Box	4.000	580.00000	880.00000 EACH	2,320.00	3,520.00	151.72%	1,200.00
0310	613-07004 Type Four Pull Box	23.000	1,225.00000	1,555.00000 EACH	28,175.00	35,765.00	126.94%	7,590.00
0315	613-07005 Type Five Pull Box	6.000	1,500.00000	2,150.00000 EACH	9,000.00	12,900.00	143.33%	3,900.00
0320	613-10000 Wiring	1.000	30,000.00000	33,000.00000 L S	30,000.00	33,000.00	110.00%	3,000.00
0325	613-13006 Luminare (LED) (8500 Lumens)	17.000	835.00000	515.00000 EACH	14,195.00	8,755.00	61.68%	-5,440.00
0330	613-20200 Luminaire (Install Only)	4.000	240.00000	150.00000 EACH	960.00	600.00	62.50%	-360.00
0335	613-80130 Service Meter Cabinet	4.000	4,250.00000	3,915.00000 EACH	17,000.00	15,660.00	92.12%	-1,340.00
0340	614-00011 Sign Panel (Class I)	311.500	20.00000	26.00000 SF	6,230.00	8,099.00	130.00%	1,869.00
0345	614-00012 Sign Panel (Class II)	157.000	25.00000	27.00000 SF	3,925.00	4,239.00	108.00%	314.00
0350	614-01503 Steel Sign Support (2-Inch Round)(Post and Socket)	1.000	210.00000	450.00000 EACH	210.00	450.00	214.29%	240.00
0355	614-01583 Steel Sign Support (2-1/2 In Round Sch 80) (Post & Slipbase)	8.000	425.00000	770.00000 EACH	3,400.00	6,160.00	181.18%	2,760.00

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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						
0360	614-70024 1310nm SFP Optic Module	6.000	575.00000	610.00000 EACH	3,450.00	3,660.00	106.09%	210.00
0365	614-70030 Optical Attenuator	3.000	175.00000	155.00000 EACH	525.00	465.00	88.57%	-60.00
0370	614-70150 Pedestrian Signal Face (16) (Countdown)	40.000	525.00000	550.00000 EACH	21,000.00	22,000.00	104.76%	1,000.00
0375	614-70336 Traffic Signal Face (12-12-12)	89.000	700.00000	625.00000 EACH	62,300.00	55,625.00	89.29%	-6,675.00
0380	614-70560 Traffic Signal Face (12-12-12-12-12)	4.000	1,400.00000	1,480.00000 EACH	5,600.00	5,920.00	105.71%	320.00
0385	614-72836 Conflict Monitor	3.000	920.00000	820.00000 EACH	2,760.00	2,460.00	89.13%	-300.00
0390	614-72855 Traffic Signal Controller Cabinet	3.000	15,000.00000	16,500.00000 EACH	45,000.00	49,500.00	110.00%	4,500.00
0395	614-72860 Pedestrian Push Button	42.000	600.00000	220.00000 EACH	25,200.00	9,240.00	36.67%	-15,960.00
0400	614-72863 Pedestrian Push Button Post Assembly	15.000	3,000.00000	740.00000 EACH	45,000.00	11,100.00	24.67%	-33,900.00
0405	614-72885 Traffic Signal Vehicle Detector (Special)	35.000	11,500.00000	7,900.00000 EACH	402,500.00	276,500.00	68.70%	-126,000.00
0410	614-81000 Traffic Signal-Light Pole Steel	1.000	8,000.00000	7,900.00000 EACH	8,000.00	7,900.00	98.75%	-100.00
0415	614-81125 Traffic Signal-Light Pole Steel (1-25 Foot Mast Arm)	1.000	11,000.00000	11,855.00000 EACH	11,000.00	11,855.00	107.77%	855.00

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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						
0420	614-81130 Traffic Signal-Light Pole Steel (1-30 Foot Mast Arm)	3.000	15,000.00000	14,885.00000 EACH	45,000.00	44,655.00	99.23%	-345.00
0425	614-81135 Traffic Signal-Light Pole Steel (1-35 Foot Mast Arm)	1.000	13,000.00000	16,100.00000 EACH	13,000.00	16,100.00	123.85%	3,100.00
0430	614-81140 Traffic Signal-Light Pole Steel (1-40 Foot Mast Arm)	1.000	13,750.00000	16,725.00000 EACH	13,750.00	16,725.00	121.64%	2,975.00
0435	614-81145 Traffic Signal-Light Pole Steel (1-45 Foot Mast Arm)	1.000	15,800.00000	17,000.00000 EACH	15,800.00	17,000.00	107.59%	1,200.00
0440	614-81150 Traffic Signal-Light Pole Steel (1-50 Foot Mast Arm)	4.000	15,900.00000	17,350.00000 EACH	63,600.00	69,400.00	109.12%	5,800.00
0445	614-81155 Traffic Signal-Light Pole Steel (1-55 Foot Mast Arm)	7.000	15,500.00000	17,500.00000 EACH	108,500.00	122,500.00	112.90%	14,000.00
0450	614-81160 Traffic Signal Light Pole Steel (1-60 Foot Mast Arm)	1.000	22,000.00000	26,950.00000 EACH	22,000.00	26,950.00	122.50%	4,950.00
0455	614-81170 Traffic Signal-Light Pole Steel (1-70 Foot Mast Arm)	1.000	23,800.00000	28,350.00000 EACH	23,800.00	28,350.00	119.12%	4,550.00
0460	614-81175 Traffic Signal-Light Pole Steel (1-75 Foot Mast Arm)	1.000	24,500.00000	28,555.00000 EACH	24,500.00	28,555.00	116.55%	4,055.00

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SECTION:	0001	BID ITEMS						
0465	614-84000 Traffic Signal Pedestal Pole Steel	6.000	2,100.00000	2,025.00000 EACH	12,600.00	12,150.00	96.43%	-450.00
0470	614-86248 Traffic Signal Controller (Type 2070LC)	3.000	5,100.00000	5,925.00000 EACH	15,300.00	17,775.00	116.18%	2,475.00
0475	614-86800 Uninterrupted Power Supply	3.000	9,900.00000	7,525.00000 EACH	29,700.00	22,575.00	76.01%	-7,125.00
0480	614-87010 Fiber Optic Cable (Single Mode) (12 Fiber)	480.000	10.00000	7.25000 LF	4,800.00	3,480.00	72.50%	-1,320.00
0485	614-87012 Fiber Optic Termination Panel (12 Fiber)	3.000	575.00000	655.00000 EACH	1,725.00	1,965.00	113.91%	240.00
0490	614-87015 Buffer Tube Fan Out Kit	3.000	500.00000	78.00000 EACH	1,500.00	234.00	15.60%	-1,266.00
0495	614-87320 Closed Circuit Television	3.000	5,000.00000	4,400.00000 EACH	15,000.00	13,200.00	88.00%	-1,800.00
0500	614-87350 Test Fiber Optic Cable	1.000	6,000.00000	4,100.00000 L S	6,000.00	4,100.00	68.33%	-1,900.00
0505	614-87512 Splice Fiber Optic Cable (12 Strand)	3.000	125.00000	2,100.00000 EACH	375.00	6,300.00	1680.00%	5,925.00
0510	614-87692 Ethernet Switch Type II	3.000	3,580.00000	4,025.00000 EACH	10,740.00	12,075.00	112.43%	1,335.00
0515	615-00050 Embankment Protector Type 5	1.000	3,000.00000	13,000.00000 EACH	3,000.00	13,000.00	433.33%	10,000.00
0520	620-00020 Sanitary Facility	1.000	1,900.00000	1,700.00000 EACH	1,900.00	1,700.00	89.47%	-200.00

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SECTION:	0001	BID ITEMS						
0525	625-00000 Construction Surveying	1.000	10,000.00000	30,000.00000 L S	10,000.00	30,000.00	300.00%	20,000.00
0530	626-00000 Mobilization	1.000	25,000.00000	218,000.00000 L S	25,000.00	218,000.00	872.00%	193,000.00
0535	626-01104 Public Information Services (Tier IV)	1.000	5,000.00000	6,825.00000 L S	5,000.00	6,825.00	136.50%	1,825.00
0540	627-00008 Modified Epoxy Pavement Marking	11.000	100.00000	488.00000 GAL	1,100.00	5,368.00	488.00%	4,268.00
0545	627-00013 Pavement Marking Paint (High Build)	2.000	35.00000	238.00000 GAL	70.00	476.00	680.00%	406.00
0550	627-01010 Preformed Plastic Pavement Marking (Type I)(Inlaid)	221.000	12.50000	20.50000 SF	2,762.50	4,530.50	164.00%	1,768.00
0555	627-30405 Preformed Thermoplastic Pavement Marking (Word-Symbol)	357.000	20.00000	18.00000 SF	7,140.00	6,426.00	90.00%	-714.00
0560	627-30410 Preformed Thermoplastic Pavement Marking (Xwalk-Stop Line)	4,351.000	12.50000	13.00000 SF	54,387.50	56,563.00	104.00%	2,175.50
0565	630-00000 Flagging	1,000.000	25.00000	32.00000 HOUR	25,000.00	32,000.00	128.00%	7,000.00
0570	630-00003 Uniformed Traffic Control	96.000	100.00000	145.00000 HOUR	9,600.00	13,920.00	145.00%	4,320.00
0575	630-00007 Traffic Control Inspection	56.000	185.00000	255.00000 DAY	10,360.00	14,280.00	137.84%	3,920.00

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SECTION:	0001	BID ITEMS						
0580	630-00012 Traffic Control Management	140.000	750.00000	900.00000 DAY	105,000.00	126,000.00	120.00%	21,000.00
0585	630-80335 Barricade (Type 3 M-A) (Temporary)	10.000	185.00000	195.00000 EACH	1,850.00	1,950.00	105.41%	100.00
0590	630-80341 Construction Traffic Sign (Panel Size A)	44.000	45.00000	51.50000 EACH	1,980.00	2,266.00	114.44%	286.00
0595	630-80342 Construction Traffic Sign (Panel Size B)	66.000	60.00000	264.00000 EACH	3,960.00	17,424.00	440.00%	13,464.00
0600	630-80343 Construction Traffic Sign (Panel Size C)	11.000	75.00000	264.00000 EACH	825.00	2,904.00	352.00%	2,079.00
0605	630-80355 Portable Message Sign Panel	2.000	5,000.00000	4,500.05000 EACH	10,000.00	9,000.10	90.00%	-999.90
0610	630-80356 Advance Warning Flashing or Sequencing Arrow Panel (A Type)	6.000	1,000.00000	1,300.00000 EACH	6,000.00	7,800.00	130.00%	1,800.00
0615	630-80360 Drum Channelizing Device	70.000	35.00000	90.00000 EACH	2,450.00	6,300.00	257.14%	3,850.00
0620	630-80393 Stackable Vertical Panels	155.000	17.50000	38.50000 EACH	2,712.50	5,967.50	220.00%	3,255.00
Section 0001 Subtotal					\$2,275,529.90	\$2,699,567.00	118.63%	\$424,037.10
Contract Total for Calculated Low Bidders Bid Items					\$2,275,529.90	\$2,699,567.00	118.63%	\$424,037.10