# Colorado Department Of Transportation Low Bid Summary

**06/27/2018**Page 1 of 1

Printed On:

Letting Date: June 14, 2018

Call Order	Contract ID	Project(s)	# of Bids	Low Bidder	Estimated Cost	Corrected Bid	Percent of Estimate	Overrun (+) Underrun (-)
001	C19875R	NHPP0702-342	3	Casper Electric, Inc.	\$5,172,925.00	\$5,900,202.00	114.06%	\$727,277.00
Letti	ng Totals		3		\$5,172,925.00	\$5,900,202.00	114.06%	\$727,277.00

#### **Vendor Ranking**

Page 1 of 1

06/27/2018

Letting No: 20180614

10:00 AM

Contract ID: C19875R

Project(s): NHPP0702-342

Letting Date: June 14, 2018

Region: 3

Contract Time: 140 WORKING DAYS

Counties: EAGLE, GARFIELD

Printed On:

#### Contract Description:

Letting Time:

I-70 MP 115-132 GARFIELD/EAGLE COUNTY
I-70 GLENWOOD CANYON VARIABLE SPEED LIMIT SIGN PROJECT

Installation of 24 Variable Speed Limit Signs, 10 CCTV, 3 RWIS, removal of replacement of existing traffic signs, installation of conduit, pullboxes, and manholes for fiber and electric to each device by trenching, boring and attachment to structures, installation of fiber and electric wiring and services to each device, and installation of all network equipment including switches, cabinets, etc.

Rank	Vendor ID	Vendor Name	Total Bid	Percent Of Low Bid	Percent Of Estimate
0	-EST-	Engineer's Estimate	\$5,172,925.00	87.67%	100.00%
1	1655	Casper Electric, Inc.	\$5,900,202.00	100.00%	114.06%
2	1476A	MORTON ELECTRIC, INC.	\$5,993,510.25	101.58%	115.86%
3	720A	STURGEON ELECTRIC COMPANY, INC.	\$9,496,610.00	160.95%	183.58%

#### **Tabulation of Bids**

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06/27/2018

Printed On:

Letting No: 20180614 Contract ID: C19875R

Counties: EAGLE, GARFIELD Letting Date: June 14, 2018 Region: 3

				- timate	(1) 1655 Casper Electric, Inc.		(2) 1476A MORTON ELECTRIC, INC.	
Item Code	Description	Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS					LCC:		
202-00240	Removal of Asphalt Mat (Planing)	125.000 SY	26.00000	3,250.00	51.00000	6,375.00	112.00000	14,000.00
202-00715	Removal of Closed Circuit Television Pole	1.000 EACH	500.00000	500.00	420.00000	420.00	4,000.00000	4,000.00
202-00720	Removal of Closed Circuit Camera	2.000 EACH	700.00000	1,400.00	140.00000	280.00	750.00000	1,500.00
202-00810	Removal of Ground Sign	27.000 EACH	180.00000	4,860.00	184.00000	4,968.00	300.00000	8,100.00
202-00815	Removal of Sign (Special)	2.000 EACH	1,225.00000	2,450.00	560.00000	1,120.00	1,200.00000	2,400.00
202-00821	Removal of Sign Panel	11.000 EACH	145.00000	1,595.00	90.00000	990.00	118.75000	1,306.25
202-00827	Removal of Pull Box	12.000 EACH	300.00000	3,600.00	280.00000	3,360.00	350.00000	4,200.00
202-00832	Removal of Sign Panel (Special)	3.000 EACH	1,000.00000	3,000.00	560.00000	1,680.00	2,800.00000	8,400.00
202-00855	Removal of Traffic Signal Controller Cabinet	1.000 EACH	1,000.00000	1,000.00	560.00000	560.00	1,000.00000	1,000.00
203-00010	Unclassified Excavation (Complete In Place)	24.000 CY	140.00000	3,360.00	140.00000	3,360.00	500.00000	12,000.00
203-01597	Potholing	40.000 HOUR	250.00000	10,000.00	290.00000	11,600.00	400.00000	16,000.00
208-00002	Erosion Log Type 1 (12 Inch)	1,000.000 LF	5.00000	5,000.00	15.00000	15,000.00	10.00000	10,000.00
208-00035	Aggregate Bag	500.000 LF	8.00000	4,000.00	28.00000	14,000.00	15.00000	7,500.00
208-00045	Concrete Washout Structure	4.000 EACH	1,500.00000	6,000.00	1,600.00000	6,400.00	2,100.00000	8,400.00

#### **Tabulation of Bids**

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06/27/2018

Printed On:

Letting No: 20180614 Contract ID: C19875R

Counties: EAGLE, GARFIELD Letting Date: June 14, 2018 Region: 3

10:00 AM Letting Time:

			(0) -EST- Engineer's Estimate (1) 1655 Casper Electric, Inc.		(2) 1476A MORTON ELECTRIC, INC.			
Item Code	Description	Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS					LCC:		
208-00053	Storm Drain Inlet Protection (Type I) (84 Inch)	1.000 EACH	300.00000	300.00	850.00000	850.00	500.00000	500.00
208-00056	Storm Drain Inlet Protection (Type III)	2.000 EACH	300.00000	600.00	940.00000	1,880.00	1,000.00000	2,000.00
208-00103	Removal and Disposal of Sediment (Labor)	80.000 HOUR	50.00000	4,000.00	140.00000	11,200.00	125.00000	10,000.00
208-00105	Removal and Disposal of Sediment (Equipment)	40.000 HOUR	150.00000	6,000.00	200.00000	8,000.00	250.00000	10,000.00
210-00810	Reset Ground Sign	30.000 EACH	250.00000	7,500.00	390.00000	11,700.00	562.50000	16,875.00
210-00855	Reset Traffic Signal Controller Cabinet	1.000 EACH	3,000.00000	3,000.00	1,400.00000	1,400.00	5,000.00000	5,000.00
210-01170	Reset Guardrail Type 7	16.000 LF	120.00000	1,920.00	140.00000	2,240.00	500.00000	8,000.00
212-00006	Seeding (Native)	0.900 ACRE	2,000.00000	1,800.00	5,750.00000	5,175.00	10,000.00000	9,000.00
212-00032	Soil Conditioning	0.900 ACRE	3,000.00000	2,700.00	1,375.00000	1,237.50	15,000.00000	13,500.00
213-00061	Mulch Tackifier	900.000 LB	5.00000	4,500.00	7.50000	6,750.00	9.00000	8,100.00
240-00000	Wildlife Biologist	24.000 HOUR	125.00000	3,000.00	136.00000	3,264.00	150.00000	3,600.00
240-00010	Removal of Nests	40.000 HOUR	200.00000	8,000.00	105.00000	4,200.00	200.00000	8,000.00
240-00020	Netting	10,000.000 SY	15.00000	150,000.00	7.10000	71,000.00	15.00000	150,000.00
403-00721	Hot Mix Asphalt (Patching) (Asphalt)	125.000 SY	70.00000	8,750.00	48.00000	6,000.00	480.00000	60,000.00

# **Tabulation of Bids**

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06/27/2018

Printed On:

Letting No: 20180614 Contract ID: C19875R Counties: EAGLE,

Letting Date: June 14, 2018 Region: 3 GARFIELD

				(0) -EST- Engineer's Estimate		( )	(1) 1655 (2) 1476A per Electric, Inc. MORTON ELEC		
Item Code	Description	Quan	tity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS						LCC:		
503-01060	Micropile (6 Inch)	264.000	LF	500.00000	132,000.00	610.00000	161,040.00	658.00000	173,712.00
509-00000	Structural Steel	4,000.000	LB	10.00000	40,000.00	13.20000	52,800.00	18.00000	72,000.00
601-03000	Concrete Class D	15.000	CY	700.00000	10,500.00	725.00000	10,875.00	400.00000	6,000.00
602-00000	Reinforcing Steel	3,600.000	LB	1.25000	4,500.00	3.50000	12,600.00	1.50000	5,400.00
604-39050	Manhole (Traffic Management System)	3.000	EACH	8,000.00000	24,000.00	5,500.00000	16,500.00	12,000.00000	36,000.00
607-11525	Fence (Plastic)	1,000.000	LF	5.00000	5,000.00	8.60000	8,600.00	3.00000	3,000.00
612-00260	Location Marker (Fiber Optic)(Dome)	35.000	EACH	120.00000	4,200.00	350.00000	12,250.00	35.00000	1,225.00
613-00050	1/2 Inch Electrical Conduit	150.000	LF	30.00000	4,500.00	18.00000	2,700.00	3.50000	525.00
613-00100	1 Inch Electrical Conduit	20.000	LF	50.00000	1,000.00	29.00000	580.00	100.00000	2,000.00
613-00200	2 Inch Electrical Conduit	150.000	LF	50.00000	7,500.00	45.00000	6,750.00	35.00000	5,250.00
613-00206	2 Inch Electrical Conduit (Bored)	240.000	LF	70.00000	16,800.00	92.00000	22,080.00	80.00000	19,200.00
613-00207	2 Inch Electrical Conduit (Bridge) (Special)	5,040.000	LF	55.00000	277,200.00	71.00000	357,840.00	19.00000	95,760.00
613-00607	6 Inch Electrical Conduit (Bridge)(Special)	5,900.000	LF	65.00000	383,500.00	93.50000	551,650.00	41.00000	241,900.00
613-01200	2 Inch Electrical Conduit (Plastic)	4,905.000	LF	45.00000	220,725.00	40.00000	196,200.00	18.00000	88,290.00

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Letting No: 20180614 Contract ID: C19875R Counties: EAGLE,

Letting Date: June 14, 2018 Region: 3 GARFIELD

				(0) -EST- Engineer's Estimate		(1) 165 Casper Elect		(2) 1476A MORTON ELECTRI INC.	
Item Code	Description	Quanti	ty	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS						LCC:		
613-01201	2 Inch Electrical Conduit (Plastic) (Special)	650.000	LF	55.00000	35,750.00	45.00000	29,250.00	35.00000	22,750.00
613-03491	Electrical Conduit (Plastic)(Multiduct)	3,670.000	LF	26.00000	95,420.00	40.00000	146,800.00	29.00000	106,430.00
613-03492	Electrical Conduit (Plastic)(Multiduct)(Bored)	960.000	LF	70.00000	67,200.00	140.00000	134,400.00	115.00000	110,400.00
613-03500	Electrical Conduit (Plastic) (Multiduct) (Special)	750.000	LF	70.00000	52,500.00	55.00000	41,250.00	37.00000	27,750.00
613-04100	Electrical System Modifications	1.000	LS	9,000.00000	9,000.00	11,300.00000	11,300.00	303,800.00000	303,800.00
613-07010	Pull Box (Surface Mounted)	21.000 E	ACH	1,000.00000	21,000.00	4,700.00000	98,700.00	4,179.00000	87,759.00
613-07011	Pull Box (11"x18"x12")	56.000 E	ACH	700.00000	39,200.00	1,080.00000	60,480.00	890.00000	49,840.00
613-07023	Pull Box (24"x36"x24")	22.000 E	ACH	1,600.00000	35,200.00	2,000.00000	44,000.00	1,610.00000	35,420.00
613-07026	Pull Box (16"x24"x12")	10.000 E	ACH	900.00000	9,000.00	1,260.00000	12,600.00	1,121.00000	11,210.00
613-07040	Pull Box (30"x48"x24")	10.000 E	ACH	2,200.00000	22,000.00	2,350.00000	23,500.00	2,300.00000	23,000.00
613-10010	Wiring (Special)	1.000	LS	280,000.00000	280,000.00	247,000.00000	247,000.00	220,862.00000	220,862.00
613-10015	Breakaway Wiring System	20.000 E	ACH	1,200.00000	24,000.00	140.00000	2,800.00	1,300.00000	26,000.00
613-32400	Light Standard Steel (40 Foot)	7.000 E	ACH	5,000.00000	35,000.00	2,700.00000	18,900.00	3,000.00000	21,000.00
613-34200	Light Standard Metal (20 Foot)	6.000 E	ACH	2,800.00000	16,800.00	2,000.00000	12,000.00	2,500.00000	15,000.00

# **Tabulation of Bids**

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06/27/2018

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Letting No: 20180614 Contract ID: C19875R Counties: EAGLE,

Letting Date: June 14, 2018 Region: 3 GARFIELD

			(0) -EST- Engineer's Estimate	(1) 1655 Casper Electric, Inc.	(2) 1476A MORTON ELECTRIC, INC.
Item Code	Description	Quantity	Unit Price Amoun	t Unit Price Amount	Unit Price Amount
SECTION:	0001 BID ITEMS			LCC:	
613-40010	Light Standard Foundation	13.000 EACH	1,700.00000 22,100	.00 4,500.00000 58,500.00	3,000.00000 39,000.00
613-50106	Lighting Control Center (Special)	1.000 EACH	7,000.00000 7,000	.00 7,500.00000 7,500.00	7,000.00000 7,000.00
613-50355	Power Transformer	5.000 EACH	5,300.00000 26,500	.00 3,600.00000 18,000.00	5,000.00000 25,000.00
613-80105	Circuit Breaker (30A, 2 Pole)	28.000 EACH	300.00000 8,400	.00 950.00000 26,600.00	100.00000 2,800.00
613-81500	Panelboard (5KVA Mini Load Center)	12.000 EACH	3,000.00000 36,000	.00 4,550.00000 54,600.00	8,000.00000 96,000.00
613-81800	Branch Circuit Panel (Special)	5.000 EACH	2,500.00000 12,500	.00 4,000.00000 20,000.00	1,500.00000 7,500.00
614-00011	Sign Panel (Class I)	221.000 SF	26.00000 5,746	.00 23.00000 5,083.00	22.50000 4,972.50
614-00012	Sign Panel (Class II)	1,053.000 SF	28.00000 29,484	.00 28.00000 29,484.00	27.50000 28,957.50
614-00040	Sign Post (Special)	297.000 LF	110.00000 32,670	.00 115.00000 34,155.00	172.50000 51,232.50
614-01583	Steel Sign Support (2-1/2 In Round Sch 80) (Post & Slipbase)	73.000 EACH	625.00000 45,625	.00 445.00000 32,485.00	562.50000 41,062.50
614-03003	Concrete Footing (Type 3)	10.000 EACH	3,500.00000 35,000	.00 3,500.00000 35,000.00	4,200.00000 42,000.00
614-03006	Concrete Footing (Type 6)	1.000 EACH	5,000.00000 5,000	.00 5,000.00000 5,000.00	4,800.00000 4,800.00
614-10125	Variable Message Sign (Ground Mounted)	18.000 EACH	38,000.00000 684,000	.00 39,550.00000 711,900.00	38,500.00000 693,000.00
614-10127	Variable Speed Limit Sign	6.000 EACH	33,000.00000 198,000	.00 29,000.00000 174,000.00	27,777.00000 166,662.00

#### **Tabulation of Bids**

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06/27/2018

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Letting No: 20180614 Contract ID: C19875R Counties: EAGLE,

Letting Date: June 14, 2018 Region: 3 GARFIELD

			(0) -EST- Engineer's Estimate		(1) 165 Casper Elect		(2) 1476A MORTON ELECTRIC INC.	
Item Code	Description	Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS					LCC:		
614-70024	1310nm SFP Optic Module	18.000 EACH	400.00000	7,200.00	260.00000	4,680.00	300.00000	5,400.00
614-70026	CWDM Multiplexor Demultiplexor Module	2.000 EACH	5,000.00000	10,000.00	9,150.00000	18,300.00	10,293.00000	20,586.00
614-70028	CWDM SFP Optic Module	36.000 EACH	800.0000	28,800.00	925.00000	33,300.00	1,040.00000	37,440.00
614-70030	Optical Attenuator	54.000 EACH	110.00000	5,940.00	69.00000	3,726.00	78.00000	4,212.00
614-70032	Optical Filter	64.000 EACH	500.00000	32,000.00	880.00000	56,320.00	990.00000	63,360.00
614-72831	Communications Cabinet (Type 1)	11.000 EACH	9,000.00000	99,000.00	9,975.00000	109,725.00	8,000.00000	88,000.00
614-72832	Communications Cabinet (Type 2)	6.000 EACH	10,000.00000	60,000.00	12,975.00000	77,850.00	10,000.00000	60,000.00
614-72887	Microwave Vehicle Radar Detector	16.000 EACH	8,500.00000	136,000.00	9,625.00000	154,000.00	9,500.00000	152,000.00
614-86741	Weather Monitoring System	3.000 EACH	60,000.00000	180,000.00	55,600.00000	166,800.00	65,000.00000	195,000.00
614-86752	Fold-Over Tower (ITS)	3.000 EACH	15,000.00000	45,000.00	15,900.00000	47,700.00	18,500.00000	55,500.00
614-87006	Fiber Optic Termination Panel (6 Fiber)	17.000 EACH	600.00000	10,200.00	580.00000	9,860.00	652.00000	11,084.00
614-87010	Fiber Optic Cable (Single Mode) (12 Fiber)	21,430.000 LF	3.00000	64,290.00	1.80000	38,574.00	2.00000	42,860.00
614-87320	Closed Circuit Television	10.000 EACH	5,000.00000	50,000.00	6,500.00000	65,000.00	4,950.00000	49,500.00
614-87350	Test Fiber Optic Cable	1.000 LS	12,000.00000	12,000.00	13,200.00000	13,200.00	14,850.00000	14,850.00

#### **Tabulation of Bids**

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06/27/2018

Printed On:

Letting No: 20180614 Contract ID: C19875R

Counties: EAGLE, GARFIELD Letting Date: June 14, 2018 Region: 3

			(0) -EST- Engineer's Estimate		(1) 1655 Casper Electr	-	(2) 1476A MORTON ELECTRIC, INC.	
Item Code	Description	Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS					LCC:		
614-87691	Ethernet Switch Type I	8.000 EACH	4,000.00000	32,000.00	4,100.00000	32,800.00	4,577.00000	36,616.00
614-87692	Ethernet Switch Type II	11.000 EACH	4,400.00000	48,400.00	4,000.00000	44,000.00	4,400.00000	48,400.00
620-00020	Sanitary Facility	2.000 EACH	2,800.00000	5,600.00	10,640.00000	21,280.00	5,000.00000	10,000.00
625-00000	Construction Surveying	1.000 LS	56,000.00000	56,000.00	26,000.00000	26,000.00	30,000.00000	30,000.00
626-00000	Mobilization	1.000 LS	480,000.00000	480,000.00	752,000.00000	752,000.00	1,013,504. 00000	1,013,504. 00
626-01103	Public Information Services (Tier III)	1.000 LS	14,000.00000	14,000.00	10,000.00000	10,000.00	22,155.00000	22,155.00
630-00000	Flagging	2,240.000 HOUR	30.00000	67,200.00	25.00000	56,000.00	26.50000	59,360.00
630-00007	Traffic Control Inspection	70.000 DAY	500.00000	35,000.00	350.00000	24,500.00	360.00000	25,200.00
630-00012	Traffic Control Management	140.000 DAY	1,500.00000	210,000.00	950.00000	133,000.00	1,020.00000	142,800.00
630-80001	Flashing Beacon (Portable)	24.000 EACH	1,100.00000	26,400.00	275.00000	6,600.00	300.00000	7,200.00
630-80341	Construction Traffic Sign (Panel Size A)	16.000 EACH	35.00000	560.00	76.00000	1,216.00	84.00000	1,344.00
630-80342	Construction Traffic Sign (Panel Size B)	50.000 EACH	45.00000	2,250.00	76.00000	3,800.00	96.00000	4,800.00
630-80343	Construction Traffic Sign (Panel Size C)	8.000 EACH	55.00000	440.00	96.00000	768.00	108.00000	864.00
630-80358	Advance Warning Flashing or Sequencing Arrow Panel (C Type)	4.000 EACH	3,000.00000	12,000.00	550.00000	2,200.00	625.00000	2,500.00

#### **Tabulation of Bids**

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Counties: EAGLE, GARFIELD Letting Date: June 14, 2018 Region: 3

			(0) -EST- Engineer's Estimate		(1) 1655 Casper Electric, Inc.		(2) 1476A MORTON ELECTRIC, INC.	
Item Code	Description	Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS					LCC:		
630-80359	Portable Message Sign Panel	280.000 DAY	120.00000	33,600.00	95.00000	26,600.00	110.00000	30,800.00
630-80360	Drum Channelizing Device	234.000 EACH	26.00000	6,084.00	38.00000	8,892.00	42.00000	9,828.00
630-80363	Drum Channelizing Device (With Light) (Flashing)	77.000 EACH	28.00000	2,156.00	43.50000	3,349.50	48.00000	3,696.00
630-80380	Traffic Cone	200.000 EACH	6.00000	1,200.00	22.00000	4,400.00	24.00000	4,800.00
630-85041	Mobile Attenuator	420.000 DAY	300.00000	126,000.00	550.00000	231,000.00	750.00000	315,000.00
Section To	tals:		\$5,17	2,925.00	\$5,90	0,202.00	\$5,99	93,510.25
Contract (	Grand Totals		\$5,17	72,925.00	\$5,90	00,202.00	\$5,9	93,510.25

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Printed On:

Letting No: 20180614 Contract ID: C19875R Counties: EAGLE,

Letting Date: June 14, 2018 Region: 3 GARFIELD

			(3) 720A STURGEON ELECTRIC COMPANY, INC					
Item Code	Description	Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS					LCC:		
202-00240	Removal of Asphalt Mat (Planing)	125.000 SY	125.00000	15,625.00				
202-00715	Removal of Closed Circuit Television Pole	1.000 EACH	2,490.00000	2,490.00				
202-00720	Removal of Closed Circuit Camera	2.000 EACH	550.00000	1,100.00				
202-00810	Removal of Ground Sign	27.000 EACH	360.00000	9,720.00				
202-00815	Removal of Sign (Special)	2.000 EACH	2,750.00000	5,500.00				
202-00821	Removal of Sign Panel	11.000 EACH	195.00000	2,145.00				
202-00827	Removal of Pull Box	12.000 EACH	615.00000	7,380.00				
202-00832	Removal of Sign Panel (Special)	3.000 EACH	2,750.00000	8,250.00				
202-00855	Removal of Traffic Signal Controller Cabinet	1.000 EACH	3,450.00000	3,450.00				
203-00010	Unclassified Excavation (Complete In Place)	24.000 CY	275.00000	6,600.00				
203-01597	Potholing	40.000 HOUR	280.00000	11,200.00				
208-00002	Erosion Log Type 1 (12 Inch)	1,000.000 LF	30.00000	30,000.00				
208-00035	Aggregate Bag	500.000 LF	35.00000	17,500.00				
208-00045	Concrete Washout Structure	4.000 EACH	2,800.00000	11,200.00				

#### **Tabulation of Bids**

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Letting No: 20180614 Contract ID: C19875R Counties: EAGLE,

Letting Date: June 14, 2018 Region: 3 GARFIELD

			(3) 720A STURGEON ELECTRIC COMPANY, INC					
Item Code	Description	Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS					LCC:		
208-00053	Storm Drain Inlet Protection (Type I) (84 Inch)	1.000 EACH	350.00000	350.00				
208-00056	Storm Drain Inlet Protection (Type III)	2.000 EACH	860.00000	1,720.00				
208-00103	Removal and Disposal of Sediment (Labor)	80.000 HOUR	140.00000	11,200.00				
208-00105	Removal and Disposal of Sediment (Equipment)	40.000 HOUR	275.00000	11,000.00				
210-00810	Reset Ground Sign	30.000 EACH	645.00000	19,350.00				
210-00855	Reset Traffic Signal Controller Cabinet	1.000 EACH	9,850.00000	9,850.00				
210-01170	Reset Guardrail Type 7	16.000 LF	275.00000	4,400.00				
212-00006	Seeding (Native)	0.900 ACRE	11,400.00000	10,260.00				
212-00032	Soil Conditioning	0.900 ACRE	6,900.00000	6,210.00				
213-00061	Mulch Tackifier	900.000 LB	13.00000	11,700.00				
240-00000	Wildlife Biologist	24.000 HOUR	135.00000	3,240.00				
240-00010	Removal of Nests	40.000 HOUR	150.00000	6,000.00				
240-00020	Netting	10,000.000 SY	11.00000	110,000.00				
403-00721	Hot Mix Asphalt (Patching) (Asphalt)	125.000 SY	105.00000	13,125.00				

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Printed On:

Letting No: 20180614 Contract ID: C19875R Counties: EAGLE,

Letting Date: June 14, 2018 Region: 3 GARFIELD

				(3) 720A STURGEON ELECTRIC COMPANY, INC					
Item Code	Description	Quant	ity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS						LCC:		
503-01060	Micropile (6 Inch)	264.000	LF	1,195.00000	315,480.00				
509-00000	Structural Steel	4,000.000	LB	11.00000	44,000.00				
601-03000	Concrete Class D	15.000	CY	500.00000	7,500.00				
602-00000	Reinforcing Steel	3,600.000	LB	12.00000	43,200.00				
604-39050	Manhole (Traffic Management System)	3.000 [	EACH	17,875.00000	53,625.00				
607-11525	Fence (Plastic)	1,000.000	LF	14.00000	14,000.00				
612-00260	Location Marker (Fiber Optic)(Dome)	35.000 E	EACH	175.00000	6,125.00				
613-00050	1/2 Inch Electrical Conduit	150.000	LF	29.00000	4,350.00				
613-00100	1 Inch Electrical Conduit	20.000	LF	43.00000	860.00				
613-00200	2 Inch Electrical Conduit	150.000	LF	85.00000	12,750.00				
613-00206	2 Inch Electrical Conduit (Bored)	240.000	LF	110.00000	26,400.00				
613-00207	2 Inch Electrical Conduit (Bridge) (Special)	5,040.000	LF	81.00000	408,240.00				
613-00607	6 Inch Electrical Conduit (Bridge)(Special)	5,900.000	LF	125.00000	737,500.00				
613-01200	2 Inch Electrical Conduit (Plastic)	4,905.000	LF	108.00000	529,740.00				

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Printed On:

Letting No: 20180614 Contract ID: C19875R Counties: EAGLE,

Letting Date: June 14, 2018 Region: 3 GARFIELD

			(3) 720A STURGEON ELECTRIC COMPANY, INC					
Item Code	Description	Quantity	Unit Price Am	nount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS					LCC:		
613-01201	2 Inch Electrical Conduit (Plastic) (Special)	650.000 LF	245.00000 159	9,250.00				
613-03491	Electrical Conduit (Plastic)(Multiduct)	3,670.000 LF	215.00000 789	9,050.00				
613-03492	Electrical Conduit (Plastic)(Multiduct)(Bored)	960.000 LF	160.00000 153	3,600.00				
613-03500	Electrical Conduit (Plastic) (Multiduct) (Special)	750.000 LF	250.00000 187	7,500.00				
613-04100	Electrical System Modifications	1.000 LS	7,000.00000 7	7,000.00				
613-07010	Pull Box (Surface Mounted)	21.000 EACH	540.00000 11	,340.00				
613-07011	Pull Box (11"x18"x12")	56.000 EACH	3,780.00000 211	,680.00				
613-07023	Pull Box (24"x36"x24")	22.000 EACH	5,690.00000 125	5,180.00				
613-07026	Pull Box (16"x24"x12")	10.000 EACH	5,135.00000 51	,350.00				
613-07040	Pull Box (30"x48"x24")	10.000 EACH	8,375.00000 83	3,750.00				
613-10010	Wiring (Special)	1.000 LS	365,000.00000 365	5,000.00				
613-10015	Breakaway Wiring System	20.000 EACH	1,190.00000 23	3,800.00				
613-32400	Light Standard Steel (40 Foot)	7.000 EACH	5,325.00000 37	,275.00				
613-34200	Light Standard Metal (20 Foot)	6.000 EACH	4,165.00000 24	,990.00				

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Letting No: 20180614 Contract ID: C19875R Counties: EAGLE,

Letting Date: June 14, 2018 Region: 3 GARFIELD

			(3) 720A STURGEON ELECTRIC COMPANY, INC		
Item Code	Description	Quantity	Unit Price Amount	Unit Price Amount	Unit Price Amount
SECTION:	0001 BID ITEMS			LCC:	
613-40010	Light Standard Foundation	13.000 EACH	5,825.00000 75,725.00		
613-50106	Lighting Control Center (Special)	1.000 EACH	15,690.00000 15,690.00		
613-50355	Power Transformer	5.000 EACH	7,605.00000 38,025.00		
613-80105	Circuit Breaker (30A, 2 Pole)	28.000 EACH	2,665.00000 74,620.00		
613-81500	Panelboard (5KVA Mini Load Center)	12.000 EACH	8,190.00000 98,280.00		
613-81800	Branch Circuit Panel (Special)	5.000 EACH	3,695.00000 18,475.00		
614-00011	Sign Panel (Class I)	221.000 SF	80.00000 17,680.00		
614-00012	Sign Panel (Class II)	1,053.000 SF	90.00000 94,770.00		
614-00040	Sign Post (Special)	297.000 LF	390.00000 115,830.00		
614-01583	Steel Sign Support (2-1/2 In Round Sch 80) (Post & Slipbase)	73.000 EACH	2,015.00000 147,095.00		
614-03003	Concrete Footing (Type 3)	10.000 EACH	9,275.00000 92,750.00		
614-03006	Concrete Footing (Type 6)	1.000 EACH	9,380.00000 9,380.00		
614-10125	Variable Message Sign (Ground Mounted)	18.000 EACH	51,200.00000 921,600.00		
614-10127	Variable Speed Limit Sign	6.000 EACH	42,250.00000 253,500.00		

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Letting No: 20180614 Contract ID: C19875R Counties: EAGLE,

Letting Date: June 14, 2018 Region: 3 GARFIELD

			(3) 720A STURGEON ELECTRIC COMPANY, INC					
Item Code	Description	Quantity	Unit Price Am	nount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS					LCC:		
614-70024	1310nm SFP Optic Module	18.000 EACH	425.00000 7	7,650.00				
614-70026	CWDM Multiplexor Demultiplexor Module	2.000 EACH	9,450.00000 18	8,900.00				
614-70028	CWDM SFP Optic Module	36.000 EACH	1,025.00000 36	6,900.00				
614-70030	Optical Attenuator	54.000 EACH	150.00000 8	8,100.00				
614-70032	Optical Filter	64.000 EACH	1,050.00000 67	7,200.00				
614-72831	Communications Cabinet (Type 1)	11.000 EACH	19,750.00000 217	7,250.00				
614-72832	Communications Cabinet (Type 2)	6.000 EACH	24,150.00000 144	4,900.00				
614-72887	Microwave Vehicle Radar Detector	16.000 EACH	10,950.00000 175	5,200.00				
614-86741	Weather Monitoring System	3.000 EACH	73,000.00000 219	9,000.00				
614-86752	Fold-Over Tower (ITS)	3.000 EACH	30,875.00000 92	2,625.00				
614-87006	Fiber Optic Termination Panel (6 Fiber)	17.000 EACH	765.00000 13	3,005.00				
614-87010	Fiber Optic Cable (Single Mode) (12 Fiber)	21,430.000 LF	3.50000 75	5,005.00				
614-87320	Closed Circuit Television	10.000 EACH	6,190.00000 61	1,900.00				
614-87350	Test Fiber Optic Cable	1.000 LS	27,150.00000 27	7,150.00				

#### **Tabulation of Bids**

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Printed On:

Letting No: 20180614 Contract ID: C19875R Counties: EAGLE,

Letting Date: June 14, 2018 Region: 3 GARFIELD

			(3) 720A STURGEON ELECTRIC COMPANY, INC					
Item Code	Description	Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS					LCC:		
614-87691	Ethernet Switch Type I	8.000 EACH	4,825.00000	38,600.00				
614-87692	Ethernet Switch Type II	11.000 EACH	4,650.00000	51,150.00				
620-00020	Sanitary Facility	2.000 EACH	10,000.00000	20,000.00				
625-00000	Construction Surveying	1.000 LS	40,000.00000	40,000.00				
626-00000	Mobilization	1.000 LS	850,000.00000	850,000.00				
626-01103	Public Information Services (Tier III)	1.000 LS	17,550.00000	17,550.00				
630-00000	Flagging	2,240.000 HOUR	25.00000	56,000.00				
630-00007	Traffic Control Inspection	70.000 DAY	340.00000	23,800.00				
630-00012	Traffic Control Management	140.000 DAY	1,370.00000	191,800.00				
630-80001	Flashing Beacon (Portable)	24.000 EACH	285.00000	6,840.00				
630-80341	Construction Traffic Sign (Panel Size A)	16.000 EACH	80.00000	1,280.00				
630-80342	Construction Traffic Sign (Panel Size B)	50.000 EACH	90.00000	4,500.00				
630-80343	Construction Traffic Sign (Panel Size C)	8.000 EACH	100.00000	800.00				
630-80358	Advance Warning Flashing or Sequencing Arrow Panel (C Type)	4.000 EACH	565.00000	2,260.00				

#### **Tabulation of Bids**

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Printed On:

Letting No: 20180614 Contract ID: C19875R

Counties: EAGLE, GARFIELD Letting Date: June 14, 2018 Region: 3

			(3) 720A STURGEON ELECTRIC COMPANY, INC					
Item Code	Description	Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
SECTION:	0001 BID ITEMS					LCC:		
630-80359	Portable Message Sign Panel	280.000 DAY	95.00000	26,600.00				
630-80360	Drum Channelizing Device	234.000 EACH	40.00000	9,360.00				
630-80363	Drum Channelizing Device (With Light) (Flashing)	77.000 EACH	45.00000	3,465.00				
630-80380	Traffic Cone	200.000 EACH	23.00000	4,600.00				
630-85041	Mobile Attenuator	420.000 DAY	535.00000	224,700.00				
Section To	tals:		\$9,49	6,610.00				
Contract (	Grand Totals	\$9,49	96,610.00					

#### Low Bid Item Analysis

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Printed On:

**GARFIELD** 

Counties: EAGLE,

Letting No: 20180614 Contract ID: C19875R

Letting Date: June 14, 2018 Region: 3

Letting Time: 10:00 AM Contract Time: 140 WORKING DAYS Project(s): NHPP0702-342

#### Contract Description:

I-70 MP 115-132 GARFIELD/EAGLE COUNTY
I-70 GLENWOOD CANYON VARIABLE SPEED LIMIT SIGN PROJECT

Installation of 24 Variable Speed Limit Signs, 10 CCTV, 3 RWIS, removal of replacement of existing traffic signs, installation of conduit, pullboxes, and manholes for fiber and electric to each device by trenching, boring and attachment to structures, installation of fiber and electric wiring and services to each device, and installation of all network equipment including switches, cabinets, etc.

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0005	202-00240 Removal of Aspl	125.000 nalt Mat (Planing)	26.00000	51.00000 SY	3,250.00	6,375.00	196.15%	3,125.00
0010	202-00715 Removal of Clos	1.000 ed Circuit Television	500.00000 n Pole	420.00000 EACH	500.00	420.00	84.00%	-80.00
0015	202-00720 Removal of Clos	2.000 ed Circuit Camera	700.00000	140.00000 EACH	1,400.00	280.00	20.00%	-1,120.00
0020	202-00810 Removal of Grou	27.000 und Sign	180.00000	184.00000 EACH	4,860.00	4,968.00	102.22%	108.00
0025	202-00815 Removal of Sign	2.000 (Special)	1,225.00000	560.00000 EACH	2,450.00	1,120.00	45.71%	-1,330.00

#### Low Bid Item Analysis

Counties: EAGLE,

Contract ID: C19875R **GARFIELD** Region: 3

Letting Time: Contract Time: 140 WORKING DAYS Project(s): NHPP0702-342 10:00 AM

#### Contract Description:

20180614

June 14, 2018

Letting No:

Letting Date:

I-70 MP 115-132 GARFIELD/EAGLE COUNTY I-70 GLENWOOD CANYON VARIABLE SPEED LIMIT SIGN PROJECT

Installation of 24 Variable Speed Limit Signs, 10 CCTV, 3 RWIS, removal of replacement of existing traffic signs, installation of conduit, pullboxes, and manholes for fiber and electric to each device by trenching, boring and attachment to structures, installation of fiber and electric wiring and services to each device, and installation of all network equipment including switches, cabinets, etc.

There is a mandatory pre-bid meeting on Thursday May 24th, 2018 at Colorado Department of Transportation, R3 Glenwood Springs Video Conference Room, 202 Centennial Street, Glenwood Springs, CO 81601 beginning at 9:30 am.

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0030	202-00821 Removal of Sign	11.000 Panel	145.00000	90.00000 EACH	1,595.00	990.00	62.07%	-605.00
0035	202-00827 Removal of Pull	12.000 Box	300.00000	280.00000 EACH	3,600.00	3,360.00	93.33%	-240.00
0040	202-00832 Removal of Sign	3.000 Panel (Special)	1,000.00000	560.00000 EACH	3,000.00	1,680.00	56.00%	-1,320.00
0045	202-00855 Removal of Traf	1.000 fic Signal Controller	1,000.00000 Cabinet	560.00000 EACH	1,000.00	560.00	56.00%	-440.00
0050	203-00010 Unclassified Exc	24.000 cavation (Complete I	140.00000 n Place)	140.00000 CY	3,360.00	3,360.00	100.00%	0.00

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#### Low Bid Item Analysis

Counties: EAGLE,

Letting No: 20180614 Contract ID: C19875R

GARFIELD

Letting Date: June 14, 2018 Region: 3

Contract Time: 140 WORKING DAYS Project(s): NHPP0702-342

#### Contract Description:

10:00 AM

Letting Time:

I-70 MP 115-132 GARFIELD/EAGLE COUNTY
I-70 GLENWOOD CANYON VARIABLE SPEED LIMIT SIGN PROJECT

Installation of 24 Variable Speed Limit Signs, 10 CCTV, 3 RWIS, removal of replacement of existing traffic signs, installation of conduit, pullboxes, and manholes for fiber and electric to each device by trenching, boring and attachment to structures, installation of fiber and electric wiring and services to each device, and installation of all network equipment including switches, cabinets, etc.

There is a mandatory pre-bid meeting on Thursday May 24th, 2018 at Colorado Department of Transportation, R3 Glenwood Springs Video Conference Room, 202 Centennial Street, Glenwood Springs, CO 81601 beginning at 9:30 am.

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0055	203-01597 Potholing	40.000	250.00000	290.00000 HOUR	10,000.00	11,600.00	116.00%	1,600.00
0060	208-00002 Erosion Log Typ	1,000.000 e 1 (12 Inch)	5.00000	15.00000 LF	5,000.00	15,000.00	300.00%	10,000.00
0065	208-00035 Aggregate Bag	500.000	8.00000	28.00000 LF	4,000.00	14,000.00	350.00%	10,000.00
0070	208-00045 Concrete Washo	4.000 out Structure	1,500.00000	1,600.00000 EACH	6,000.00	6,400.00	106.67%	400.00
0075	208-00053 Storm Drain Inle	1.000 Protection (Type I)	300.00000 (84 Inch)	850.00000 EACH	300.00	850.00	283.33%	550.00

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#### **Low Bid Item Analysis**

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**GARFIELD** 

Letting No: 20180614 Contract ID: C19875R Counties: EAGLE,

Letting Date: June 14, 2018 Region: 3

Letting Time: 10:00 AM Contract Time: 140 WORKING DAYS Project(s): NHPP0702-342

#### Contract Description:

I-70 MP 115-132 GARFIELD/EAGLE COUNTY
I-70 GLENWOOD CANYON VARIABLE SPEED LIMIT SIGN PROJECT

Installation of 24 Variable Speed Limit Signs, 10 CCTV, 3 RWIS, removal of replacement of existing traffic signs, installation of conduit, pullboxes, and manholes for fiber and electric to each device by trenching, boring and attachment to structures, installation of fiber and electric wiring and services to each device, and installation of all network equipment including switches, cabinets, etc.

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0800	208-00056 Storm Drain Inle	2.000 t Protection (Type II	300.00000	940.00000 EACH	600.00	1,880.00	313.33%	1,280.00
0085	208-00103	80.000 sposal of Sediment	50.00000	140.00000 HOUR	4,000.00	11,200.00	280.00%	7,200.00
0090	208-00105	40.000 sposal of Sediment	150.00000	200.00000 HOUR	6,000.00	8,000.00	133.33%	2,000.00
0095	210-00810 Reset Ground Si	30.000 ign	250.00000	390.00000 EACH	7,500.00	11,700.00	156.00%	4,200.00
0100	210-00855 Reset Traffic Sig	1.000 nal Controller Cabir	3,000.00000 net	1,400.00000 EACH	3,000.00	1,400.00	46.67%	-1,600.00

#### Low Bid Item Analysis

Contract ID: C19875R Counties: EAGLE,

**GARFIELD** 

3 Letting Time: Contract Time: 140 WORKING DAYS Project(s): NHPP0702-342 10:00 AM

#### Contract Description:

20180614

June 14, 2018

Letting No:

Letting Date:

I-70 MP 115-132 GARFIELD/EAGLE COUNTY I-70 GLENWOOD CANYON VARIABLE SPEED LIMIT SIGN PROJECT

Installation of 24 Variable Speed Limit Signs, 10 CCTV, 3 RWIS, removal of replacement of existing traffic signs, installation of conduit, pullboxes, and manholes for fiber and electric to each device by trenching, boring and attachment to structures, installation of fiber and electric wiring and services to each device, and installation of all network equipment including switches, cabinets, etc.

Region:

There is a mandatory pre-bid meeting on Thursday May 24th, 2018 at Colorado Department of Transportation, R3 Glenwood Springs Video Conference Room, 202 Centennial Street, Glenwood Springs, CO 81601 beginning at 9:30 am.

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0105	210-01170 Reset Guardrail T	16.000 ype 7	120.00000	140.00000 LF	1,920.00	2,240.00	116.67%	320.00
0110	212-00006 Seeding (Native)	0.900	2,000.00000	5,750.00000 ACRE	1,800.00	5,175.00	287.50%	3,375.00
0115	212-00032 Soil Conditioning	0.900	3,000.00000	1,375.00000 ACRE	2,700.00	1,237.50	45.83%	-1,462.50
0120	213-00061 Mulch Tackifier	900.000	5.00000	7.50000 LB	4,500.00	6,750.00	150.00%	2,250.00
0125	240-00000 Wildlife Biologist	24.000	125.00000	136.00000 HOUR	3,000.00	3,264.00	108.80%	264.00

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#### Low Bid Item Analysis

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Printed On:

Letting No: 20180614 Contract ID: C19875R Counties: EAGLE,

Letting Date: June 14, 2018 Region: 3 GARFIELD

Letting Time: 10:00 AM Contract Time: 140 WORKING DAYS Project(s): NHPP0702-342

#### Contract Description:

I-70 MP 115-132 GARFIELD/EAGLE COUNTY
I-70 GLENWOOD CANYON VARIABLE SPEED LIMIT SIGN PROJECT

Installation of 24 Variable Speed Limit Signs, 10 CCTV, 3 RWIS, removal of replacement of existing traffic signs, installation of conduit, pullboxes, and manholes for fiber and electric to each device by trenching, boring and attachment to structures, installation of fiber and electric wiring and services to each device, and installation of all network equipment including switches, cabinets, etc.

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0130	240-00010 Removal of Nest	40.000 s	200.00000	105.00000 HOUR	8,000.00	4,200.00	52.50%	-3,800.00
0135	240-00020 Netting	10,000.000	15.00000	7.10000 SY	150,000.00	71,000.00	47.33%	-79,000.00
0140	403-00721 Hot Mix Asphalt	125.000 (Patching) (Asphalt)	70.00000	48.00000 SY	8,750.00	6,000.00	68.57%	-2,750.00
0145	503-01060 Micropile (6 Inch	264.000 )	500.00000	610.00000 LF	132,000.00	161,040.00	122.00%	29,040.00
0150	509-00000 Structural Steel	4,000.000	10.00000	13.20000 LB	40,000.00	52,800.00	132.00%	12,800.00

#### Low Bid Item Analysis

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Printed On:

**GARFIELD** 

Letting No: 20180614 Contract ID: C19875R Counties: EAGLE,

Letting Date: June 14, 2018 Region: 3

Letting Time: 10:00 AM Contract Time: 140 WORKING DAYS Project(s): NHPP0702-342

#### Contract Description:

I-70 MP 115-132 GARFIELD/EAGLE COUNTY
I-70 GLENWOOD CANYON VARIABLE SPEED LIMIT SIGN PROJECT

Installation of 24 Variable Speed Limit Signs, 10 CCTV, 3 RWIS, removal of replacement of existing traffic signs, installation of conduit, pullboxes, and manholes for fiber and electric to each device by trenching, boring and attachment to structures, installation of fiber and electric wiring and services to each device, and installation of all network equipment including switches, cabinets, etc.

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0155	601-03000 Concrete Class I	15.000 D	700.00000	725.00000 CY	10,500.00	10,875.00	103.57%	375.00
0160	602-00000 Reinforcing Stee	3,600.000 I	1.25000	3.50000 LB	4,500.00	12,600.00	280.00%	8,100.00
0165	604-39050 Manhole (Traffic	3.000 Management Syste	8,000.00000 m)	5,500.00000 EACH	24,000.00	16,500.00	68.75%	-7,500.00
0170	607-11525 Fence (Plastic)	1,000.000	5.00000	8.60000 LF	5,000.00	8,600.00	172.00%	3,600.00
0175	612-00260 Location Marker	35.000 (Fiber Optic)(Dome)	120.00000	350.00000 EACH	4,200.00	12,250.00	291.67%	8,050.00

#### **Low Bid Item Analysis**

C19875R

Counties: EAGLE,

Letting Date: June 14, 2018 Region: 3

GARFIELD

Letting Time: 10:00 AM Contract Time: 140 WORKING DAYS Project(s): NHPP0702-342

Contract ID:

#### Contract Description:

20180614

Letting No:

I-70 MP 115-132 GARFIELD/EAGLE COUNTY
I-70 GLENWOOD CANYON VARIABLE SPEED LIMIT SIGN PROJECT

Installation of 24 Variable Speed Limit Signs, 10 CCTV, 3 RWIS, removal of replacement of existing traffic signs, installation of conduit, pullboxes, and manholes for fiber and electric to each device by trenching, boring and attachment to structures, installation of fiber and electric wiring and services to each device, and installation of all network equipment including switches, cabinets, etc.

There is a mandatory pre-bid meeting on Thursday May 24th, 2018 at Colorado Department of Transportation, R3 Glenwood Springs Video Conference Room, 202 Centennial Street, Glenwood Springs, CO 81601 beginning at 9:30 am.

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0180	613-00050 1/2 Inch Electrica	150.000 al Conduit	30.00000	18.00000 LF	4,500.00	2,700.00	60.00%	-1,800.00
0185	613-00100 1 Inch Electrical	20.000 Conduit	50.00000	29.00000 LF	1,000.00	580.00	58.00%	-420.00
0190	613-00200 2 Inch Electrical	150.000 Conduit	50.00000	45.00000 LF	7,500.00	6,750.00	90.00%	-750.00
0195	613-00206 2 Inch Electrical	240.000 Conduit (Bored)	70.00000	92.00000 LF	16,800.00	22,080.00	131.43%	5,280.00
0200	613-00207 2 Inch Electrical	5,040.000 Conduit (Bridge) (Sp	55.00000 ecial)	71.00000 LF	277,200.00	357,840.00	129.09%	80,640.00

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#### Low Bid Item Analysis

C19875R

Counties: EAGLE,

**GARFIELD** 

Letting Time: Contract Time: 140 WORKING DAYS Project(s): NHPP0702-342 10:00 AM

3

Contract ID:

Region:

#### Contract Description:

20180614

June 14, 2018

Letting No:

Letting Date:

I-70 MP 115-132 GARFIELD/EAGLE COUNTY I-70 GLENWOOD CANYON VARIABLE SPEED LIMIT SIGN PROJECT

Installation of 24 Variable Speed Limit Signs, 10 CCTV, 3 RWIS, removal of replacement of existing traffic signs, installation of conduit, pullboxes, and manholes for fiber and electric to each device by trenching, boring and attachment to structures, installation of fiber and electric wiring and services to each device, and installation of all network equipment including switches, cabinets, etc.

There is a mandatory pre-bid meeting on Thursday May 24th, 2018 at Colorado Department of Transportation, R3 Glenwood Springs Video Conference Room, 202 Centennial Street, Glenwood Springs, CO 81601 beginning at 9:30 am.

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION:	0001	BID ITEMS						
0205	613-00607 6 Inch Electrical	5,900.000 Conduit (Bridge)(Sp	65.00000 ecial)	93.50000 LF	383,500.00	551,650.00	143.85%	168,150.00
0210	613-01200 2 Inch Electrical	4,905.000 Conduit (Plastic)	45.00000	40.00000 LF	220,725.00	196,200.00	88.89%	-24,525.00
0215	613-01201 2 Inch Electrical	650.000 Conduit (Plastic) (Sp	55.00000 pecial)	45.00000 LF	35,750.00	29,250.00	81.82%	-6,500.00
0220	613-03491 Electrical Condu	3,670.000 it (Plastic)(Multiduct)	26.00000	40.00000 LF	95,420.00	146,800.00	153.85%	51,380.00
0225	613-03492 Electrical Condu	960.000 it (Plastic)(Multiduct)	70.00000 (Bored)	140.00000 LF	67,200.00	134,400.00	200.00%	67,200.00

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Letting Date: June 14, 2018 Region: 3

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I-70 MP 115-132 GARFIELD/EAGLE COUNTY I-70 GLENWOOD CANYON VARIABLE SPEED LIMIT SIGN PROJECT

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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						
0230	613-03500	750.000	70.00000	55.00000	52,500.00	41,250.00	78.57%	-11,250.00
	Electrical Condu	it (Plastic) (Multiduo	t) (Special)	LF				
0235	613-04100	1.000	9,000.00000	11,300.00000	9,000.00	11,300.00	125.56%	2,300.00
	Electrical System	n Modifications		LS				
0240	613-07010	21.000	1,000.00000	4,700.00000	21,000.00	98,700.00	470.00%	77,700.00
	Pull Box (Surfac	e Mounted)		EACH				
0245	613-07011	56.000	700.00000	1,080.00000	39,200.00	60,480.00	154.29%	21,280.00
	Pull Box (11"x18	3"x12")		EACH				
0250	613-07023	22.000	1,600.00000	2,000.00000	35,200.00	44,000.00	125.00%	8,800.00
	Pull Box (24"x36	5"x24")		EACH				

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I-70 MP 115-132 GARFIELD/EAGLE COUNTY I-70 GLENWOOD CANYON VARIABLE SPEED LIMIT SIGN PROJECT

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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						
0255	613-07026 Pull Box (16"x24	10.000 "x12")	900.00000	1,260.00000 EACH	9,000.00	12,600.00	140.00%	3,600.00
0260	613-07040 Pull Box (30"x48	10.000 "x24")	2,200.00000	2,350.00000 EACH	22,000.00	23,500.00	106.82%	1,500.00
0265	613-10010 Wiring (Special)	1.000	280,000.00000	247,000.00000 L S	280,000.00	247,000.00	88.21%	-33,000.00
0270	613-10015 Breakaway Wirin	20.000 g System	1,200.00000	140.00000 EACH	24,000.00	2,800.00	11.67%	-21,200.00
0275	613-32400 Light Standard S	7.000 teel (40 Foot)	5,000.00000	2,700.00000 EACH	35,000.00	18,900.00	54.00%	-16,100.00

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Contract Time: 140 WORKING DAYS

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Counties: EAGLE,

GARFIELD

Printed On:

Project(s): NHPP0702-342

Contract Description:

20180614

10:00 AM

June 14, 2018

Letting No:

Letting Date:

Letting Time:

I-70 MP 115-132 GARFIELD/EAGLE COUNTY
I-70 GLENWOOD CANYON VARIABLE SPEED LIMIT SIGN PROJECT

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SECTION:	0001	BID ITEMS						
0280	613-34200 Light Standard M	6.000 letal (20 Foot)	2,800.00000	2,000.00000 EACH	16,800.00	12,000.00	71.43%	-4,800.00
0285	613-40010 Light Standard F	13.000 oundation	1,700.00000	4,500.00000 EACH	22,100.00	58,500.00	264.71%	36,400.00
0290	613-50106 Lighting Control	1.000 Center (Special)	7,000.00000	7,500.00000 EACH	7,000.00	7,500.00	107.14%	500.00
0295	613-50355 Power Transform	5.000 ner	5,300.00000	3,600.00000 EACH	26,500.00	18,000.00	67.92%	-8,500.00
0300	613-80105 Circuit Breaker (	28.000 30A, 2 Pole)	300.00000	950.00000 EACH	8,400.00	26,600.00	316.67%	18,200.00

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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	613-81500 Panelboard (5K\	12.000 /A Mini Load Center)	3,000.00000	4,550.00000 EACH	36,000.00	54,600.00	151.67%	18,600.00
0310	613-81800 Branch Circuit P	5.000 anel (Special)	2,500.00000	4,000.00000 EACH	12,500.00	20,000.00	160.00%	7,500.00
0315	614-00011 Sign Panel (Clas	221.000 ss I)	26.00000	23.00000 SF	5,746.00	5,083.00	88.46%	-663.00
0320	614-00012 Sign Panel (Clas	1,053.000 ss II)	28.00000	28.00000 SF	29,484.00	29,484.00	100.00%	0.00
0325	614-00040 Sign Post (Speci	297.000 ial)	110.00000	115.00000 LF	32,670.00	34,155.00	104.55%	1,485.00

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Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
SECTION: 0	0001	BID ITEMS						
0330	614-01583	73.000	625.00000	445.00000	45,625.00	32,485.00	71.20%	-13,140.00
	teel Sign Support ( Post & Slipbase)	(2-1/2 In Round Sch	n 80)	EACH				
0335	614-03003	10.000	3,500.00000	3,500.00000	35,000.00	35,000.00	100.00%	0.00
Co	oncrete Footing (T	ype 3)		EACH				
0340	614-03006	1.000	5,000.00000	5,000.00000	5,000.00	5,000.00	100.00%	0.00
Co	oncrete Footing (T	ype 6)		EACH				
0345	614-10125	18.000	38,000.00000	39,550.00000	684,000.00	711,900.00	104.08%	27,900.00
Va	ariable Message S	Sign (Ground Mount	ed)	EACH				
0350	614-10127	6.000	33,000.00000	29,000.00000	198,000.00	174,000.00	87.88%	-24,000.00
Va	ariable Speed Lim	it Sign		EACH				

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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	614-70024 1310nm SFP Op	18.000 otic Module	400.00000	260.00000 EACH	7,200.00	4,680.00	65.00%	-2,520.00
0360	614-70026 CWDM Multiplex	2.000 or Demultiplexor M	5,000.00000 lodule	9,150.00000 EACH	10,000.00	18,300.00	183.00%	8,300.00
0365	614-70028 CWDM SFP Opt	36.000 ic Module	800.00000	925.00000 EACH	28,800.00	33,300.00	115.63%	4,500.00
0370	614-70030 Optical Attenuate	54.000 or	110.00000	69.00000 EACH	5,940.00	3,726.00	62.73%	-2,214.00
0375	614-70032 Optical Filter	64.000	500.00000	880.00000 EACH	32,000.00	56,320.00	176.00%	24,320.00

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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						
0380	614-72831 Communications	11.000 Cabinet (Type 1)	9,000.00000	9,975.00000 EACH	99,000.00	109,725.00	110.83%	10,725.00
0385	614-72832 Communications	6.000 Cabinet (Type 2)	10,000.00000	12,975.00000 EACH	60,000.00	77,850.00	129.75%	17,850.00
0390	614-72887 Microwave Vehic	16.000 cle Radar Detector	8,500.00000	9,625.00000 EACH	136,000.00	154,000.00	113.24%	18,000.00
0395	614-86741 Weather Monitor	3.000 ring System	60,000.00000	55,600.00000 EACH	180,000.00	166,800.00	92.67%	-13,200.00
0400	614-86752 Fold-Over Towe	3.000 r (ITS)	15,000.00000	15,900.00000 EACH	45,000.00	47,700.00	106.00%	2,700.00

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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						
0405	614-87006 Fiber Optic Term	17.000 nination Panel (6 Fi	600.00000 ber)	580.00000 EACH	10,200.00	9,860.00	96.67%	-340.00
0410	614-87010 Fiber Optic Cabl	21,430.000 e (Single Mode) (12	3.00000 2 Fiber)	1.80000 LF	64,290.00	38,574.00	60.00%	-25,716.00
0415	614-87320 Closed Circuit To	10.000 elevision	5,000.00000	6,500.00000 EACH	50,000.00	65,000.00	130.00%	15,000.00
0420	614-87350 Test Fiber Optic	1.000 Cable	12,000.00000	13,200.00000 L S	12,000.00	13,200.00	110.00%	1,200.00
0425	614-87691 Ethernet Switch	8.000 Type I	4,000.00000	4,100.00000 EACH	32,000.00	32,800.00	102.50%	800.00

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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						
0430	614-87692 Ethernet Switch	11.000 Гуре II	4,400.00000	4,000.00000 EACH	48,400.00	44,000.00	90.91%	-4,400.00
0435	620-00020 Sanitary Facility	2.000	2,800.00000	10,640.00000 EACH	5,600.00	21,280.00	380.00%	15,680.00
0440	625-00000 Construction Sur	1.000 veying	56,000.00000	26,000.00000 L S	56,000.00	26,000.00	46.43%	-30,000.00
0445	626-00000 Mobilization	1.000	480,000.00000	752,000.00000 L S	480,000.00	752,000.00	156.67%	272,000.00
0450	626-01103 Public Information	1.000 n Services (Tier III)	14,000.00000	10,000.00000 L S	14,000.00	10,000.00	71.43%	-4,000.00

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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						
0455	630-00000 Flagging	2,240.000	30.00000	25.00000 HOUR	67,200.00	56,000.00	83.33%	-11,200.00
0460	630-00007 Traffic Control Ir	70.000 espection	500.00000	350.00000 DAY	35,000.00	24,500.00	70.00%	-10,500.00
0465	630-00012 Traffic Control M	140.000 lanagement	1,500.00000	950.00000 DAY	210,000.00	133,000.00	63.33%	-77,000.00
0470	630-80001 Flashing Beacor	24.000 n (Portable)	1,100.00000	275.00000 EACH	26,400.00	6,600.00	25.00%	-19,800.00
0475	630-80341 Construction Tra	16.000 affic Sign (Panel Size	35.00000 e A)	76.00000 EACH	560.00	1,216.00	217.14%	656.00

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I-70 GLENWOOD CANYON VARIABLE SPEED LIMIT SIGN PROJECT

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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						
0480	630-80342 Construction Tra	50.000 affic Sign (Panel Size	45.00000 e B)	76.00000 EACH	2,250.00	3,800.00	168.89%	1,550.00
0485	630-80343 Construction Tra	8.000 affic Sign (Panel Size	55.00000 e C)	96.00000 EACH	440.00	768.00	174.55%	328.00
0490	630-80358 4.000 3,000.00000 Advance Warning Flashing or Sequencing Arrow Panel (C Type)			550.00000 EACH	12,000.00	2,200.00	18.33%	-9,800.00
0495	630-80359 Portable Messag	280.000 ge Sign Panel	120.00000	95.00000 DAY	33,600.00	26,600.00	79.17%	-7,000.00
0500	630-80360 Drum Channeliz	234.000 ing Device	26.00000	38.00000 EACH	6,084.00	8,892.00	146.15%	2,808.00

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SECTION:	0001	BID ITEMS						
0505	630-80363 Drum Channeliz (Flashing)	77.000 ing Device (With Ligh	28.00000 t)	43.50000 EACH	2,156.00	3,349.50	155.36%	1,193.50
0510	630-80380 Traffic Cone	200.000	6.00000	22.00000 EACH	1,200.00	4,400.00	366.67%	3,200.00
0515	630-85041 Mobile Attenuato	420.000 or	300.00000	550.00000 DAY	126,000.00	231,000.00	183.33%	105,000.00
Section 0001 Subtotal				\$5,172,925.00	\$5,900,202.00	114.06%	\$727,277.00	
Contract Total for Calculated Low Bidders Bid Items					\$5,172,925.00	\$5,900,202.00	114.06%	\$727,277.00