

Colorado Department Of Transportation

Printed On: 07/11/2019

Low Bid Summary

Page 1 of 1

Letting Date: July 11, 2019

---

Call Order	Contract ID	Project(s)	# of Bids	Low Bidder	Estimated Cost	Corrected Bid	Percent of Estimate	Overrun (+) Underrun (-)
005	C21223R	NHPP0703-435	2	Casey Industrial, Inc.	\$6,293,525.62	\$8,077,723.20	128.35%	\$1,784,197.58
Letting Totals			2		\$6,293,525.62	\$8,077,723.20	128.35%	\$1,784,197.58

---

Vendor Ranking

Contract ID: C21223R

Contract Description:

EJMT 480V MOTOR CONTROL CENTER - PROJECT CONSISTS OF REMOVAL AND REPLACEMENT OF EXISTING ELECTRICAL EQUIPMENT, CONDUIT, WIRING AND ASSOCIATED ELECTRICAL WORK.

Rank	Vendor ID	Vendor Name	Total Bid	Percent Of Low Bid	Percent Of Estimate
0	-EST-	Engineer's Estimate	\$6,293,525.62	77.91%	100.00%
1	1814	Casey Industrial, Inc.	\$8,077,723.20	100.00%	128.35%
2	720A	STURGEON ELECTRIC COMPANY, INC.	\$8,771,135.00	108.58%	139.37%

Tabulation of Bids

Contract ID: C21223R

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1814		(2) 720A STURGEON ELECTRIC COMPANY, INC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001 ROADWAY				<b>LCC:</b>			
202-00047	Removal of Electrical Equipment	1.000 L S	65,000.00000	65,000.00	173,438.76000	173,438.76	66,834.00000	66,834.00
203-01620	Sweeping	16.000 HOUR	100.00000	1,600.00	333.50000	5,336.00	1,114.00000	17,824.00
203-02330	Laborer	20.000 HOUR	50.00000	1,000.00	52.67000	1,053.40	81.00000	1,620.00
250-00010	Environmental Health and Safety Management	1.000 L S	20,000.00000	20,000.00	85,146.60000	85,146.60	35,716.00000	35,716.00
515-00400	Concrete Sealer	80.000 SY	120.00000	9,600.00	10.72000	857.60	186.00000	14,880.00
601-03000	Concrete Class D	9.000 CY	1,000.00000	9,000.00	10,703.58000	96,332.22	444.00000	3,996.00
613-00100	1 Inch Electrical Conduit	37,425.000 LF	15.62000	584,578.50	20.22000	756,733.50	17.00000	636,225.00
613-00200	2 Inch Electrical Conduit	4,120.000 LF	22.74000	93,688.80	35.25000	145,230.00	40.00000	164,800.00
613-00400	4 Inch Electrical Conduit	4,777.000 LF	48.84000	233,308.68	82.96000	396,299.92	83.00000	396,491.00
613-05630	30 Inch Wide Cable Tray	1,056.000 LF	80.00000	84,480.00	68.42000	72,251.52	16.00000	16,896.00
613-10000	Wiring	1.000 L S	508,188.00000	508,188.00	992,695.66000	992,695.66	859,320.00000	859,320.00
613-50127	Local Control Station	40.000 EACH	1,800.00000	72,000.00	1,976.02000	79,040.80	2,057.00000	82,280.00
613-80204	480 Volt Motor Control Center	2.000 EACH	61,500.00000	123,000.00	248,570.65000	497,141.30	275,037.00000	550,074.00
613-80278	Systems Integration	1.000 L S	214,000.00000	214,000.00	250,830.47000	250,830.47	1,346,695.00000	1,346,695.00
613-80300	320 Kilo Ampere Surge Protection Device	16.000 EACH	12,000.00000	192,000.00	4,269.54000	68,312.64	3,359.00000	53,744.00

Tabulation of Bids

Contract ID: C21223R

Item Code	Description	Quantity	(0) -EST- Engineer's Estimate		(1) 1814		(2) 720A STURGEON ELECTRIC COMPANY, INC	
			Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>SECTION:</b>	0001 ROADWAY				<b>LCC:</b>			
613-80302	Switchboard	2.000 EACH	84,582.00000	169,164.00	380,506.50000	761,013.00	291,982.00000	583,964.00
613-80303	480 Volt Trip Unit Retrofit Kit	10.000 EACH	8,000.00000	80,000.00	8,415.42000	84,154.20	20,237.00000	202,370.00
613-80304	Active Harmonic Filter (500 A)	6.000 EACH	165,000.00000	990,000.00	93,196.82000	559,180.92	104,931.00000	629,586.00
613-80306	Variable Frequency Drive and Enclosure (100 Horse Power)	16.000 EACH	18,750.00000	300,000.00	38,550.72000	616,811.52	36,497.00000	583,952.00
613-80308	Variable Frequency Drive and Enclosure (600 Horse Power)	16.000 EACH	112,500.00000	1,800,000. 00	128,545.51000	2,056,728. 16	119,529.00000	1,912,464. 00
613-81609	Bus Duct (1600 Ampere)	182.000 LF	627.02000	114,117.64	505.32000	91,968.24	1,955.00000	355,810.00
613-81698	30 Ampere Safety Switch, NEMA 3R	24.000 EACH	1,200.00000	28,800.00	640.93000	15,382.32	1,702.00000	40,848.00
626-00000	Mobilization	1.000 L S	600,000.00000	600,000.00	271,784.45000	271,784.45	214,746.00000	214,746.00
<b>Section Totals:</b>				\$6,293,525.62		\$8,077,723.20		\$8,771,135.00
<b>Contract Grand Totals</b>				<b>\$6,293,525.62</b>		<b>\$8,077,723.20</b>		<b>\$8,771,135.00</b>

Colorado Department Of Transportation

Printed On: 07/11/2019

Low Bid Item Analysis

Page 1 of 3

Contract ID: C21223R

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION:</b>	0001	ROADWAY						
0005	202-00047 Removal of Electrical Equipment	1.000	65,000.00000	173,438.76000 L S	65,000.00	173,438.76	266.83%	108,438.76
0010	203-01620 Sweeping	16.000	100.00000	333.50000 HOUR	1,600.00	5,336.00	333.50%	3,736.00
0015	203-02330 Laborer	20.000	50.00000	52.67000 HOUR	1,000.00	1,053.40	105.34%	53.40
0020	250-00010 Environmental Health and Safety Management	1.000	20,000.00000	85,146.60000 L S	20,000.00	85,146.60	425.73%	65,146.60
0025	515-00400 Concrete Sealer	80.000	120.00000	10.72000 SY	9,600.00	857.60	8.93%	-8,742.40
0030	601-03000 Concrete Class D	9.000	1,000.00000	10,703.58000 CY	9,000.00	96,332.22	1070.36%	87,332.22
0035	613-00100 1 Inch Electrical Conduit	37,425.000	15.62000	20.22000 LF	584,578.50	756,733.50	129.45%	172,155.00
0040	613-00200 2 Inch Electrical Conduit	4,120.000	22.74000	35.25000 LF	93,688.80	145,230.00	155.01%	51,541.20
0045	613-00400 4 Inch Electrical Conduit	4,777.000	48.84000	82.96000 LF	233,308.68	396,299.92	169.86%	162,991.24
0050	613-05630 30 Inch Wide Cable Tray	1,056.000	80.00000	68.42000 LF	84,480.00	72,251.52	85.53%	-12,228.48
0055	613-10000 Wiring	1.000	508,188.00000	992,695.66000 L S	508,188.00	992,695.66	195.34%	484,507.66
0060	613-50127 Local Control Station	40.000	1,800.00000	1,976.02000 EACH	72,000.00	79,040.80	109.78%	7,040.80

Colorado Department Of Transportation

Printed On: 07/11/2019

Low Bid Item Analysis

Page 2 of 3

Contract ID: C21223R

Line	Item/Description	Quantity	Estimated Price	Bid Price/Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>SECTION:</b>	0001	ROADWAY						
0065	613-80204 480 Volt Motor Control Center	2.000	61,500.00000	248,570.65000 EACH	123,000.00	497,141.30	404.18%	374,141.30
0070	613-80278 Systems Integration	1.000	214,000.00000	250,830.47000 L S	214,000.00	250,830.47	117.21%	36,830.47
0075	613-80300 320 Kilo Ampere Surge Protection Device	16.000	12,000.00000	4,269.54000 EACH	192,000.00	68,312.64	35.58%	-123,687.36
0080	613-80302 Switchboard	2.000	84,582.00000	380,506.50000 EACH	169,164.00	761,013.00	449.87%	591,849.00
0085	613-80303 480 Volt Trip Unit Retrofit Kit	10.000	8,000.00000	8,415.42000 EACH	80,000.00	84,154.20	105.19%	4,154.20
0090	613-80304 Active Harmonic Filter (500 A)	6.000	165,000.00000	93,196.82000 EACH	990,000.00	559,180.92	56.48%	-430,819.08
0095	613-80306 Variable Frequency Drive and Enclosure (100 Horse Power)	16.000	18,750.00000	38,550.72000 EACH	300,000.00	616,811.52	205.60%	316,811.52
0100	613-80308 Variable Frequency Drive and Enclosure (600 Horse Power)	16.000	112,500.00000	128,545.51000 EACH	1,800,000.00	2,056,728.16	114.26%	256,728.16
0105	613-81609 Bus Duct (1600 Ampere)	182.000	627.02000	505.32000 LF	114,117.64	91,968.24	80.59%	-22,149.40
0110	613-81698 30 Ampere Safety Switch, NEMA 3R	24.000	1,200.00000	640.93000 EACH	28,800.00	15,382.32	53.41%	-13,417.68
0115	626-00000 Mobilization	1.000	600,000.00000	271,784.45000 L S	600,000.00	271,784.45	45.30%	-328,215.55
<b>Section 0001 Subtotal</b>					<b>\$6,293,525.62</b>	<b>\$8,077,723.20</b>	<b>128.35%</b>	<b>\$1,784,197.58</b>

Low Bid Item Analysis

Contract ID: C21223R

Line	Item/ Description	Quantity	Estimated Price	Bid Price/ Units	Estimated Amount	Bid Amount	Bid Est %	Overrun (+) Underrun (-)
<b>Contract Total for Calculated Low Bidders Bid Items</b>					<b>\$6,293,525.62</b>	<b>\$8,077,723.20</b>	<b>128.35%</b>	<b>\$1,784,197.58</b>