

TRAFFIC SIGNAL INSTALLATION AT
 INTERSECTION OF 77TH STREET AND CLIFF
 Project: AVENUE
 INTERSECTION OF 77TH STREET AND CLIFF
 Location: AVENUE

A/E Firm: OFFICE OF CITY ENGINEER; TROY MILLER	Bid Estimate: \$ 230,000.00	Bidder: Action Systems, Inc. DBA Action Electric 5200 W. 9th Street Sioux Falls, SD 57107 Phone No.: 605.334.8141	Bidder: Muth Electric, Inc. 1717 N. Sanborn Blvd. Mitchell, SD 57301 Phone No.: 605.996.3983	Bidder: Builders Electric, LLC 47174 258th St. Sioux Falls, SD 57107 Phone No.: 605.940.5605	Bidder: Sioux Falls Electric, LLC 800 N. Weber Avenue Sioux Falls, SD 57103 Phone No.: 605.332.4442
Address: 224 W. 9TH STREET	Budget: \$ 16,805.00	Address: Street	Address: Blvd.	Address: 47174 258th St.	Address: Avenue
City/State/Zip: SIOUX FALLS, SD 57104	Letting Date: 11/05/20	City/State/Zip: 57107	City/State/Zip: 57301	City/State/Zip: 57107	City/State/Zip: 57103
Phone No.: 605.367.8601	Time: 2:15 PM	Phone No.: 605.334.8141	Phone No.: 605.996.3983	Phone No.: 605.940.5605	Phone No.: 605.332.4442
Value of OFM: \$					

Item No.	Std. Bid Item No.	Description	Unit	Quantity	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
1	120.6300	Water for Vegetation	MG	3.0	\$ 5.00	\$ 15.00	\$ 40.00	\$ 120.00	\$ 210.00	\$ 630.00	\$ 6.77	\$ 20.31
2	730.2000	Site Restoration	SY	50.0	\$ 30.00	\$ 1,500.00	\$ 37.60	\$ 1,880.00	\$ 30.00	\$ 1,500.00	\$ 40.59	\$ 2,029.50
3	009.0010	Mobilization	LS	1.0	\$ 7,255.00	\$ 7,255.00	\$ 5,900.00	\$ 5,900.00	\$ 14,500.00	\$ 14,500.00	\$ 14,000.00	\$ 14,000.00
4	250.0016	Incidental Work, Traffic	LS	1.0	\$ 1,500.00	\$ 1,500.00	\$ 1,025.00	\$ 1,025.00	\$ 2,200.00	\$ 2,200.00	\$ 2,776.04	\$ 2,776.04
5	634.0120	Traffic Control, Miscellaneous	LS	1.0	\$ 2,750.00	\$ 2,750.00	\$ 2,750.00	\$ 2,750.00	\$ 2,800.00	\$ 2,800.00	\$ 5,143.94	\$ 5,143.94
6	635.0045	Signal Pole with 45' Mast Arm	EA	1.0	\$ 8,795.00	\$ 8,795.00	\$ 9,060.00	\$ 9,060.00	\$ 9,500.00	\$ 9,500.00	\$ 12,993.41	\$ 12,993.41
7	635.0050	Signal Pole with 50' Mast Arm	EA	1.0	\$ 9,985.00	\$ 9,985.00	\$ 10,405.00	\$ 10,405.00	\$ 10,300.00	\$ 10,300.00	\$ 14,376.09	\$ 14,376.09
8	635.0150	Signal Pole with 50' Mast Arm and Luminaire Arm(s)	EA	1.0	\$ 10,760.00	\$ 10,760.00	\$ 11,400.00	\$ 11,400.00	\$ 11,300.00	\$ 11,300.00	\$ 15,791.81	\$ 15,791.81
9	635.0055	Signal Pole with 55' Mast Arm	EA	1.0	\$ 19,430.00	\$ 19,430.00	\$ 20,710.00	\$ 20,710.00	\$ 18,000.00	\$ 18,000.00	\$ 16,833.68	\$ 16,833.68
10	635.0230	3 Section Vehicle Signal Head	EA	12.0	\$ 710.00	\$ 8,520.00	\$ 745.00	\$ 8,940.00	\$ 700.00	\$ 8,400.00	\$ 798.54	\$ 9,582.48
11	635.0240	4 Section Vehicle Signal Head	EA	8.0	\$ 930.00	\$ 7,440.00	\$ 985.00	\$ 7,880.00	\$ 950.00	\$ 7,600.00	\$ 1,123.28	\$ 8,986.24
12	635.4030	3' Diameter Footing	FT	60.0	\$ 180.00	\$ 10,800.00	\$ 135.00	\$ 8,100.00	\$ 230.00	\$ 13,800.00	\$ 274.11	\$ 16,446.60
13	635.4100	Anchor Bolts	Sets	4.0	\$ 350.00	\$ 1,400.00	\$ 380.00	\$ 1,520.00	\$ 125.00	\$ 500.00	\$ 1,118.04	\$ 4,472.16
14	SPECIAL	Controller Cabinet Footing	EA	1.0	\$ 1,200.00	\$ 1,200.00	\$ 1,445.00	\$ 1,445.00	\$ 1,395.00	\$ 1,395.00	\$ 3,044.44	\$ 3,044.44
15	635.0810	Battery Backup System	EA	1.0	\$ 6,410.00	\$ 6,410.00	\$ 6,680.00	\$ 6,680.00	\$ 5,650.00	\$ 5,650.00	\$ 5,454.89	\$ 5,454.89
16	SPECIAL	Connect to Existing Meter Pedestal	EA	1.0	\$ 200.00	\$ 200.00	\$ 150.00	\$ 150.00	\$ 1,000.00	\$ 1,000.00	\$ 345.26	\$ 345.26
17	635.4610	Tie To Existing Junction Box	EA	8.0	\$ 200.00	\$ 1,600.00	\$ 60.00	\$ 480.00	\$ 100.00	\$ 800.00	\$ 106.72	\$ 853.76
18	635.0600	Single Emergency Vehicle Preemption Detector Head	EA	4.0	\$ 1,000.00	\$ 4,000.00	\$ 1,115.00	\$ 4,460.00	\$ 1,220.00	\$ 4,880.00	\$ 1,087.71	\$ 4,350.84
19	635.0620	Emergency Vehicle Preemption Controller Unit	EA	1.0	\$ 3,700.00	\$ 3,700.00	\$ 4,000.00	\$ 4,000.00	\$ 4,360.00	\$ 4,360.00	\$ 4,237.12	\$ 4,237.12
20	635.0700	Pedestrian Push Button Pole	EA	8.0	\$ 540.00	\$ 4,320.00	\$ 585.00	\$ 4,680.00	\$ 510.00	\$ 4,080.00	\$ 859.43	\$ 6,875.44
21	635.0720	Pedestrian Signal Head with Countdown Timer	EA	8.0	\$ 710.00	\$ 5,680.00	\$ 685.00	\$ 5,480.00	\$ 600.00	\$ 4,800.00	\$ 732.63	\$ 5,861.04
22	635.0800	Controller Cabinet	EA	1.0	\$ 14,609.00	\$ 14,609.00	\$ 15,205.00	\$ 15,205.00	\$ 14,500.00	\$ 14,500.00	\$ 16,677.85	\$ 16,677.85
23	SPECIAL	Side Mounted Cabinet	EA	2.0	\$ 3,120.00	\$ 6,240.00	\$ 3,600.00	\$ 7,200.00	\$ 3,035.00	\$ 6,070.00	\$ 3,492.92	\$ 6,985.84
24	SPECIAL	Accessible Pedestrian Signal Push Button	EA	8.0	\$ 750.00	\$ 6,000.00	\$ 800.00	\$ 6,400.00	\$ 735.00	\$ 5,880.00	\$ 987.97	\$ 7,903.76
25	635.8110	1" Rigid Conduit, Schedule 80	FT	40.0	\$ 3.00	\$ 120.00	\$ 7.00	\$ 280.00	\$ 3.25	\$ 130.00	\$ 3.65	\$ 146.00
26	635.8120	2" Rigid Conduit, Schedule 80	FT	100.0	\$ 4.00	\$ 400.00	\$ 8.50	\$ 850.00	\$ 5.60	\$ 560.00	\$ 5.67	\$ 567.00
27	635.8140	4" Rigid Conduit, Schedule 80	FT	40.0	\$ 9.00	\$ 360.00	\$ 13.00	\$ 520.00	\$ 11.00	\$ 440.00	\$ 14.38	\$ 575.20
28	635.8440	1/C #6 AWG Copper Wire	FT	945.0	\$ 0.90	\$ 850.50	\$ 0.80	\$ 756.00	\$ 0.70	\$ 661.50	\$ 1.31	\$ 1,237.95
29	635.1203	3/C #14 AWG IMSA Copper Cable, K1	FT	1,345.0	\$ 1.05	\$ 1,412.25	\$ 0.80	\$ 1,076.00	\$ 0.75	\$ 1,008.75	\$ 0.91	\$ 1,223.95
30	635.1205	5/C #14 AWG IMSA Copper Cable, K1	FT	575.0	\$ 1.45	\$ 833.75	\$ 1.00	\$ 575.00	\$ 1.00	\$ 575.00	\$ 1.25	\$ 718.75
31	635.1207	7/C #14 AWG IMSA Copper Cable, K1	FT	1,475.0	\$ 1.85	\$ 2,728.75	\$ 1.40	\$ 2,065.00	\$ 1.20	\$ 1,770.00	\$ 1.62	\$ 2,389.50
32	635.1220	20/C #14 AWG IMSA Copper Cable, K1	FT	1,035.0	\$ 3.25	\$ 3,363.75	\$ 3.00	\$ 3,105.00	\$ 3.00	\$ 3,105.00	\$ 4.13	\$ 4,274.55
33	635.1310	Emergency Vehicle Preemption Cable	FT	1,345.0	\$ 0.85	\$ 1,143.25	\$ 0.80	\$ 1,076.00	\$ 1.25	\$ 1,681.25	\$ 1.44	\$ 1,936.80
34	635.4224	24" Diameter Junction Box	EA	1.0	\$ 925.00	\$ 925.00	\$ 630.00	\$ 630.00	\$ 750.00	\$ 750.00	\$ 1,015.26	\$ 1,015.26
35	635.4800	Conduit Boring	FT	180.0	\$ 7.50	\$ 1,350.00	\$ 12.00	\$ 2,160.00	\$ 10.00	\$ 1,800.00	\$ 13.53	\$ 2,435.40
36	950.5700	Locating Utility	EA	4.0	\$ 200.00	\$ 800.00	\$ 200.00	\$ 800.00	\$ 35.00	\$ 140.00	\$ 676.54	\$ 2,706.16
37	950.5710	Verify Utility	EA	4.0	\$ 250.00	\$ 1,000.00	\$ 200.00	\$ 800.00	\$ 35.00	\$ 140.00	\$ 676.54	\$ 2,706.16
38	SPECIAL	Fisheye Camera Detection System (2 Cameras)	EA	1.0	\$ 20,200.00	\$ 20,200.00	\$ 22,340.00	\$ 22,340.00	\$ 18,686.00	\$ 18,686.00	\$ 24,711.23	\$ 24,711.23
39	632.3050	Furnish Sheet Aluminum Sign with Reflective Sheeting	SF	30.0	\$ 25.00	\$ 750.00	\$ 25.00	\$ 750.00	\$ 33.00	\$ 990.00	\$ 33.83	\$ 1,014.90
40	632.3070	Furnish and Install Traffic Street Name Sign on Mast Arm	EA	4.0	\$ 400.00	\$ 1,600.00	\$ 400.00	\$ 1,600.00	\$ 600.00	\$ 2,400.00	\$ 541.23	\$ 2,164.92
41	SPECIAL	Furnish & Install 24 SM /12 MM Fiber Optic Cable	FT	4,300.0	\$ 2.20	\$ 9,460.00	\$ 1.90	\$ 8,170.00	\$ 1.55	\$ 6,665.00	\$ 1.78	\$ 7,654.00
42	635.1110	1" Innerduct, SDR 13.5	FT	250.0	\$ 4.00	\$ 1,000.00	\$ 1.90	\$ 475.00	\$ 4.00	\$ 1,000.00	\$ 3.13	\$ 782.50
TOTAL GROSS BID					Total Bid \$ 192,406.25		Total Bid \$ 193,898.00		Total Bid \$ 196,947.50		Total Bid \$ 244,302.73	