

TRAFFIC SIGNAL INSTALLATION AT THE INTERSECTION
 Project: OF 41ST STREET AND SOUTHEASTERN AVENUE

Location: 41ST STREET AND SOUTHEASTERN AVENUE

A/E Firm: OFFICE OF CITY ENGINEER; TROY MILLER	Bid Estimate: \$ 57,954.00	Action Systems, Inc. dba Action Bidder: Electric 5200 W. 9th	Bidder: Muth Electric, Inc. 1717 N. Sanborn
Address: 224 W. 9TH STREET	Budget: \$ 576,808.00	Address: Street Sioux Falls, SD	Address: Blvd. Mitchell, SD
City/State/Zip: SIOUX FALLS, SD 57104	Letting Date: 06/04/15	City/State/Zip: 57107	City/State/Zip: 57301
Phone No.: 605.367.8601	Time: 2:15 PM	Phone No.: 605.334.8141	Phone No.: 605.996.3983

Item No.	Std. Bid Item No.	Description	Unit	Quantity	Unit Price	Total Price	Unit Price	Total Price
1	9.0010	MOBILIZATION	LS	1	6,000.00	\$ 6,000.00	10,900.00	\$ 10,900.00
2	9.0552	TAX ON CITY FURNISHED TRAFFIC MATERIALS	LS	1	3,498.00	\$ 3,498.00	3,645.87	\$ 3,645.87
3	110.0300	REMOVE CONCRETE CURB AND GUTTER	FT	25	19.36	\$ 484.00	17.50	\$ 437.50
4	110.1010	REMOVE ASPHALT CONCRETE PAVEMENT	SY	5	16.59	\$ 82.95	15.00	\$ 75.00
5	110.1140	REMOVE CONCRETE SIDEWALK	SY	29	14.93	\$ 432.97	13.50	\$ 391.50
6	110.8100	SAW EXISTING ASPHALT	LF	28	9.96	\$ 278.88	9.00	\$ 252.00
7	110.81110	SAW EXISTING PCC CONCRETE	LF	25	16.60	\$ 415.00	15.00	\$ 375.00
8	1206300	WATER FOR VEGETATION	MG	10	66.37	\$ 663.70	60.00	\$ 600.00
9	320.1250	ASPHALT CONCRETE FOR PATCHING	TON	1.5	553.10	\$ 829.65	500.00	\$ 750.00
10	634.0100	TRAFFIC CONTROL	UNIT	282	1.11	\$ 313.02	2.00	\$ 564.00
11	634.0120	TRAFFIC CONTROL MISCELLANEOUS	LS	1	610.00	\$ 610.00	1,100.00	\$ 1,100.00
12	635.0431	INSTALL BREAKAWAY BASE LUMINAIRE POLE WITH ARM 30' HEIGHT	EA	1	275.00	\$ 275.00	430.00	\$ 430.00
13	635.2320	INSTALL PEDESTAL SIGNAL POLE	EA	1	300.00	\$ 300.00	295.00	\$ 295.00
14	635.2327	INSTAL SIGNAL POLE WITH 25' MAST ARM	EA	1	875.00	\$ 875.00	1,150.00	\$ 1,150.00
15	635.2328	INSTALL SIGNAL POLE WITH 30' MAST ARM	EA	2	1,070.00	\$ 2,140.00	1,250.00	\$ 2,500.00
16	635.2390	INSTALL 3 SECTION VEHICLE SIGNAL HEAD	EA	7	325.00	\$ 2,275.00	150.00	\$ 1,050.00
17	635.2391	INSTALL 5 SECTION VEHICLE SIGNAL HEAD	EA	2	350.00	\$ 700.00	180.00	\$ 360.00
18	635.5020	2' DIAMETER FOOTING	FT	10	90.00	\$ 900.00	160.00	\$ 1,600.00
19	635.5025	2.5' DIAMETER FOOTING	FT	36	190.00	\$ 6,840.00	200.00	\$ 7,200.00
20	635.5062	ANCHOR BOLTS	SETS	5	700.00	\$ 3,500.00	635.00	\$ 3,175.00
21	635.5100	CONTROLLER CABINET FOOTING	EA	1	1,050.00	\$ 1,050.00	1,130.00	\$ 1,130.00
22	635.5318	18" DIAMETER JUNCTION BOX	EA	1	840.00	\$ 840.00	820.00	\$ 820.00
23	635.5324	24" DIAMETER JUNCTION BOX	EA	5	980.00	\$ 4,900.00	1,275.00	\$ 6,375.00
24	635.5413	INSTALL BATTERY BACKUP SYSTEM POWER FEED GROUND POWER SOURCE TO	EA	1	600.00	\$ 600.00	300.00	\$ 300.00
25	635.5483	DOUBLE METER PEDESTAL	EA	1	1,650.00	\$ 1,650.00	2,100.00	\$ 2,100.00
26	635.5491	TIE TO EXISTING CONDUIT INSTALL WIRELESS IN-PAVEMENT TRAFFIC	EA	3	100.00	\$ 300.00	70.00	\$ 210.00
27	635.5541	SENSOR	EA	7	152.00	\$ 1,064.00	160.00	\$ 1,120.00
28	635.5554	INSTALL SIGNL EMERGENCY VEHICLE PREEMPTION DETECTOR HEAD	EA	3	875.00	\$ 2,625.00	630.00	\$ 1,890.00
29	635.5556	INSTALL EMERGENCY VEHICLE PREEMPTION CONTROLLER UNIT	EA	1	230.00	\$ 230.00	55.00	\$ 55.00
30	635.5922	PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER	EA	4	300.00	\$ 1,200.00	125.00	\$ 500.00
31	635.5930	PEDESTRIAN CROSSING SIGN	EA	4	110.00	\$ 440.00	68.00	\$ 272.00
32	635.6960	INSTALL CONTROLLER CABINET	EA	1	300.00	\$ 300.00	1,160.00	\$ 1,160.00
33	635.6970	INSTALL PEDESTRIAN PUSH BUTTON	EA	4	200.00	\$ 800.00	26.00	\$ 104.00
34	635.8020	2" RIGID GALVANIZED STEEL CONDUIT	FT	60	10.00	\$ 600.00	10.00	\$ 600.00
35	635.8030	3" RIGID GALVANIZED STEEL CONDUIT	FT	210	15.00	\$ 3,150.00	16.00	\$ 3,360.00
36	635.8040	4" RIGID GALVANIZED STEEL CONDUIT	FT	15	20.00	\$ 300.00	23.00	\$ 345.00
37	635.8120	2" RIGID CONDUIT SCHEDULE 40	FT	40	3.25	\$ 130.00	5.00	\$ 200.00
38	635.9016	1/C #6 AWG COPPER WIRE	FT	525	0.90	\$ 472.50	0.85	\$ 446.25
39	635.9122	1/C #12 AWG COPPER WIRE	FT	240	0.50	\$ 120.00	0.40	\$ 96.00
40	635.9305	5/C #14 AWG IMSA COPPER CABLE K1	FT	330	1.95	\$ 643.50	2.15	\$ 709.50
41	635.9307	7/C #14 AWG IMSA COPPER CABLE K1	FT	95	2.30	\$ 218.50	2.85	\$ 270.75
42	635.9320	20/C #14 AWG IMSA COPPER CABLE K1	FT	395	5.00	\$ 1,975.00	7.50	\$ 2,962.50
43	635.9635	INSTALL STREET LIGHT WIRE PULL 12 SIGNLE MODE/12 MULTIMODE FIBER	FT	145	0.75	\$ 108.75	0.55	\$ 79.75
44	635.9858	OPTIC CABLE	FT	150	2.45	\$ 367.50	1.10	\$ 165.00
45	650.7000	CONCRETE CURB AND GUTTER TYPE SF66	LF	25	70.00	\$ 1,750.00	63.85	\$ 1,596.25
46	651.0060	6" CONCRETE SIDEWALK	SF	265	10.60	\$ 2,809.00	9.65	\$ 2,557.25
47	651.6010	DETECTABLE WARNING SURFACE	SF	8	71.00	\$ 568.00	63.50	\$ 508.00
48	SPECIAL	BORE CONDUIT	FT	155	11.00	\$ 1,705.00	15.00	\$ 2,325.00
49	SPECIAL	3/4" INNDERDUCT SDR 13.5	FT	25	1.80	\$ 45.00	1.50	\$ 37.50
50	SPECIAL	INSTALL WIRELESS ACCESS POINT AND REPEATER	EA	1	1,060.00	\$ 1,060.00	500.00	\$ 500.00
51	SPECIAL	SITE RESTORATION	SY	80	36.00	\$ 2,880.00	32.50	\$ 2,600.00

TOTAL GROSS BASE BID

Total Bid	\$ 66,314.92	Total Bid	\$ 72,245.62
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