

BENSON ROAD AND WESTPORT AVENUE INTERSECTION  
**Project:** TRAFFIC SIGNAL INSTALLATION

**Location:** BENSON ROAD AND WESTPORT AVENUE INTERSECTION

A/E Firm: OFFICE OF CITY ENGINEER; TROY MILLER

Bid Estimate: \$ 57,892.00

Bidder: Muth Electric, Inc.  
1717 N. Sanborn

Action Systems,  
Inc. dba Action  
Electric  
5200 W. 9th

Address: 224 W. 9TH STREET

Budget: \$ 682,400.00

Address: Blvd.  
Mitchell, SD

Address: Street  
Sioux Falls, SD

City/State/Zip: SIOUX FALLS, SD 57104

Letting Date: 04/16/15

City/State/Zip: 57301

City/State/Zip: 57107

Phone No.: 605.367.8601

Time: 2:15 PM

Phone No.: 605.996.3983

Phone No.: 605.334.8141

Item No.	Std. Bid Item No.	Description	Unit	Quantity	Unit Price	Total Price	Unit Price	Total Price
1	9.0010	MOBILIZATION	LS	1	10,215.00	\$ 10,215.00	12,000.00	\$ 12,000.00
2	9.0552	TAX ON CITY FURNISHED TRAFFIC MATERIALS	LS	1	4,242.99	\$ 4,242.99	4,242.99	\$ 4,242.99
3	120.6300	WATER FOR VEGETATION	MG	6	55.00	\$ 330.00	225.00	\$ 1,350.00
4	634.0120	TRAFFIC CONTROL MISCELLANEOUS	LS	1	3,350.00	\$ 3,350.00	2,000.00	\$ 2,000.00
5	635.2326	INSTALL SIGNAL POLE WITH 20' MAST ARM	EA	1	1,000.00	\$ 1,000.00	850.00	\$ 850.00
6	635.2327	INSTALL SIGNAL POLE WITH 25' MAST ARM	EA	1	1,050.00	\$ 1,050.00	875.00	\$ 875.00
7	635.2330	INSTALL SIGNAL POLE WITH 40' MAST ARM	EA	2	1,225.00	\$ 2,450.00	1,130.00	\$ 2,260.00
8	635.2390	INSTALL 3 SECTION VEHICLE SIGNAL HEAD	EA	6	140.00	\$ 840.00	350.00	\$ 2,100.00
9	SPECIAL	INSTALL 4 SECTION VEHICLE SIGNAL HEAD	EA	8	155.00	\$ 1,240.00	375.00	\$ 3,000.00
10	635.2391	INSTALL 5 SECTION VEHICLE SIGNAL HEAD	EA	2	175.00	\$ 350.00	410.00	\$ 820.00
11	635.5025	2.5' DIAMETER FOOTING	FT	50	180.00	\$ 9,000.00	210.00	\$ 10,500.00
12	635.5062	ANCHOR BOLTS	SETS	4	880.00	\$ 3,520.00	1,200.00	\$ 4,800.00
13	635.5100	CONTROLLER CABINET FOOTING	EA	1	1,385.00	\$ 1,385.00	1,200.00	\$ 1,200.00
14	635.5324	24" DIAMETER JUNCTION BOX	EA	5	1,245.00	\$ 6,225.00	1,350.00	\$ 6,750.00
15	635.5413	INSTALL BATTERY BACKUP SYSTEM POWER FEED ELEVATED TRANSFORMER TO	EA	1	300.00	\$ 300.00	725.00	\$ 725.00
16	635.5480	SINGLE METER PEDESTAL	EA	1	1,350.00	\$ 1,350.00	1,825.00	\$ 1,825.00
17	635.5491	TIE TO EXISTING CONDUIT INSTALL WIRELESS IN PAVEMENT TRAFFIC	EA	1	65.00	\$ 65.00	110.00	\$ 110.00
18	635.5541	SENSOR INSTALL SINGLE EMERGENCY VEHICLE	EA	18	122.00	\$ 2,196.00	150.00	\$ 2,700.00
19	635.5554	PREEMPTION DETECTOR HEAD INSTALL EMERGENCY VEHICLE PREEMPTION	EA	4	180.00	\$ 720.00	615.00	\$ 2,460.00
20	635.5556	CONTROLLER UNIT	EA	1	2,300.00	\$ 2,300.00	190.00	\$ 190.00
21	635.6960	INSTALL CONTROLLER CABINET	EA	1	1,025.00	\$ 1,025.00	300.00	\$ 300.00
22	635.8020	2" RIGID GALVANIZED STEEL CONDUIT	FT	65	9.00	\$ 585.00	15.50	\$ 1,007.50
23	635.8030	3" RIGID GALVANIZED STEEL CONDUIT	FT	245	13.75	\$ 3,368.75	14.00	\$ 3,430.00
24	635.8040	4" RIGID GALVANIZED STEEL CONDUIT	FT	10	22.00	\$ 220.00	25.00	\$ 250.00
25	635.8120	2" RIGID CONDUIT SCHEDULE 40	FT	75	4.60	\$ 345.00	3.45	\$ 258.75
26	635.9016	1/C #6 AWG COPPER WIRE	FT	480	0.80	\$ 384.00	0.85	\$ 408.00
27	635.9305	5/C #14 AWG IMSA COPPER CABLE K1	FT	265	2.00	\$ 530.00	1.95	\$ 516.75
28	635.9307	7/C #14 AWG IMSA COPPER CABLE K1	FT	475	2.60	\$ 1,235.00	2.30	\$ 1,092.50
29	635.9320	20/C #14 AWG IMSA COPPER CABLE K1	FT	455	6.85	\$ 3,116.75	5.40	\$ 2,457.00
30	SPECIAL	BORE CONDUIT INSTALL WIRELESS ACCESS POINT AND	FT	275	14.60	\$ 4,015.00	16.00	\$ 4,400.00
31	SPECIAL	REPEATER	EA	1	445.00	\$ 445.00	700.00	\$ 700.00
32	SPECIAL	SITE RESTORATION	SY	50	6.00	\$ 300.00	53.00	\$ 2,650.00
33	SPECIAL	VIDEO DETECTION CABLE	FT	1100	4.60	\$ 5,060.00	4.00	\$ 4,400.00
34	SPECIAL	INSTALL VIDEO DETECTION CAMERA	EA	2	2,990.00	\$ 5,980.00	2,965.00	\$ 5,930.00
35	SPECIAL	INSTALL VIDEO DETECTION SYSTEM	EA	1	13,060.00	\$ 13,060.00	10,050.00	\$ 10,050.00

**TOTAL GROSS BASE BID**

Total Bid	\$ 91,798.49	Total Bid	\$ 98,608.49
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