

2018 CITY WIDE WATER MAIN REPLACEMENT -
VACATED E AVENUE, 9TH STREET - WAYLAND
AVENUE TO BLAUVELT AVENUE, AND WAYLAND

Project: AVENUE - 9TH STREET TO 10TH STREET
VACATED E AVENUE, 9TH STREET - WAYLAND
AVENUE TO BLAUVELT AVENUE, AND WAYLAND

Location: AVENUE - 9TH STREET TO 10TH STREET

A/E Firm: MARSHALL ENGINEERING, INC.	Bid Estimate: \$ 427,334.00	First Rate Bidder: Excavate, Inc.	Haarsma Bidder: Construction	Asphalt Surfacing Bidder: Company
Address: 6400 N. CLIFF AVENUE	Budget: \$ 41,278.00	Address: 1509 E. 39th St. N. Sioux Falls, SD	Address: PO Box 85581 Sioux Falls, SD	Address: Street 1205 W. Russell Sioux Falls, SD
City/State/Zip: SIOUX FALLS, SD 57104	Letting Date: 02/22/18	City/State/Zip: 57104	City/State/Zip: 57118	City/State/Zip: 57104
Phone No.: 605.940.0343	Time: 2:15PM	Phone No.: 605.331.5626	Phone No.: 605.338.6009	Phone No.: 605.338.4921
Value of OFM: \$				

Item No.	Std. Bid Item No.	Description	Unit	Quantity	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
1	9.0010	MOBILIZATION	LS	1	\$ 61,268.74	\$ 61,268.74	\$ 45,000.00	\$ 45,000.00	\$ 81,825.00	\$ 81,825.00
2	110.0300	REMOVE CONCRETE CURB AND GUTTER	FT	355	\$ 4.00	\$ 1,420.00	\$ 7.00	\$ 2,485.00	\$ 5.50	\$ 1,952.50
3	110.1010	REMOVE ASPHALT CONCRETE PAVEMENT	SY	1523	\$ 3.00	\$ 4,569.00	\$ 4.00	\$ 6,092.00	\$ 3.85	\$ 5,863.55
4	110.1100	REMOVE CONCRETE PAVEMENT	SY	33	\$ 5.00	\$ 165.00	\$ 11.00	\$ 363.00	\$ 9.35	\$ 308.55
		REMOVE CONCRETE PAVEMENT WITH								
5	110.1100	MONOLITHIC CURB	SY	123	\$ 6.00	\$ 738.00	\$ 11.00	\$ 1,353.00	\$ 9.35	\$ 1,150.05
6	110.1110	REMOVE CONCRETE APPROACH PAVEMENT	SY	44	\$ 5.00	\$ 220.00	\$ 11.00	\$ 484.00	\$ 9.35	\$ 411.40
7	110.1140	REMOVE CONCRETE SIDEWALK	SY	226	\$ 4.00	\$ 904.00	\$ 7.00	\$ 1,582.00	\$ 9.35	\$ 2,113.10
8	110.8100	SAW EXISTING ASPHALT	FT	965	\$ 2.19	\$ 2,113.35	\$ 2.19	\$ 2,113.35	\$ 2.50	\$ 2,412.50
9	110.8110	SAW EXISTING PCC PAVING	FT	415	\$ 6.73	\$ 2,792.95	\$ 6.73	\$ 2,792.95	\$ 6.60	\$ 2,739.00
10	120.0010	UNCLASSIFIED EXCAVATION	CY	456	\$ 12.50	\$ 5,700.00	\$ 20.00	\$ 9,120.00	\$ 11.55	\$ 5,266.80
11	120.0100	UNCLASSIFIED EXCAVATION DIG OUTS	CY	100	\$ 6.00	\$ 600.00	\$ 20.00	\$ 2,000.00	\$ 11.55	\$ 1,155.00
		UNCLASSIFIED EXCAVATION GRADE								
12	120.0150	STABILIZATION	CY	50	\$ 8.00	\$ 400.00	\$ 20.00	\$ 1,000.00	\$ 11.55	\$ 577.50
13	120.0480	SCARIFY AND RECOMPACT SUBGRADE	SY	1431	\$ 0.50	\$ 715.50	\$ 1.00	\$ 1,431.00	\$ 1.40	\$ 2,003.40
14	120.6100	WATER FOR EMBANKMENT	MG	3	\$ 10.00	\$ 30.00	\$ 0.01	\$ 0.03	\$ 22.00	\$ 66.00
15	230.0020	PLACING CONTRACTOR FURNISHED TOPSOIL	SY	155	\$ 18.00	\$ 2,790.00	\$ 36.00	\$ 5,580.00	\$ 27.50	\$ 4,262.50
16	332.0010	2" COLD MILLING ASPHALT CONCRETE	CY	768	\$ 6.64	\$ 5,099.52	\$ 7.07	\$ 5,429.76	\$ 11.12	\$ 8,540.16
17	634.0110	TRAFFIC CONTROL	SF	681	\$ 1.08	\$ 735.48	\$ 1.15	\$ 783.15	\$ 1.10	\$ 749.10
18	634.0120	TRAFFIC CONTROL MISCELLANEOUS	EA	1	\$ 5,670.00	\$ 5,670.00	\$ 6,037.50	\$ 6,037.50	\$ 5,775.00	\$ 5,775.00
19	634.0285	TYPE 3 BARRICADE 8' DOUBLE SIDED	EA	37	\$ 21.60	\$ 799.20	\$ 23.00	\$ 851.00	\$ 22.00	\$ 814.00
20	735.4000	TREE TRIMMING	EA	2	\$ 650.00	\$ 1,300.00	\$ 400.00	\$ 800.00	\$ 275.00	\$ 550.00
21	950.5700	LOCATING UTILITY	EA	2	\$ 150.00	\$ 300.00	\$ 300.00	\$ 600.00	\$ 550.00	\$ 1,100.00
22	950.5710	VERIFY UTILITY	EA	5	\$ 150.00	\$ 750.00	\$ 300.00	\$ 1,500.00	\$ 550.00	\$ 2,750.00
23	999.8000	ROOT GRINDING	EA	1	\$ 650.00	\$ 650.00	\$ 200.00	\$ 200.00	\$ 220.00	\$ 220.00
24	110.1700	REMOVE SILT FENCE	FT	15	\$ 1.08	\$ 16.20	\$ 1.15	\$ 17.25	\$ 1.10	\$ 16.50
25	120.6300	WATER FOR VEGETATION	MG	45	\$ 18.90	\$ 850.50	\$ 20.13	\$ 905.85	\$ 19.25	\$ 866.25
26	730.0301	QUALITY GREEN TURF MIX	LB	78	\$ 16.20	\$ 1,263.60	\$ 17.25	\$ 1,345.50	\$ 16.50	\$ 1,287.00
27	731.0100	FERTILIZING	LB	39	\$ 1.08	\$ 42.12	\$ 1.15	\$ 44.85	\$ 1.10	\$ 42.90
28	731.0200	WEED CONTROL	SY	712	\$ 0.11	\$ 78.32	\$ 0.12	\$ 85.44	\$ 0.11	\$ 78.32
29	732.0210	WEED CONTROL PROJECT	LS	1	\$ 162.00	\$ 162.00	\$ 172.50	\$ 172.50	\$ 165.00	\$ 165.00
30	732.0200	FIBER MULCHING	TON	0.16	\$ 1,080.00	\$ 172.80	\$ 1,150.00	\$ 184.00	\$ 1,100.00	\$ 176.00
31	734.0601	SILT FENCE	FT	15	\$ 3.78	\$ 56.70	\$ 4.03	\$ 60.45	\$ 3.85	\$ 57.75
32	734.0610	MUCKING SILT FENCE	CY	5	\$ 2.00	\$ 10.00	\$ 1.00	\$ 5.00	\$ 55.00	\$ 275.00
33	734.0850	INLET PROTECTION	EA	2	\$ 97.20	\$ 194.40	\$ 103.50	\$ 207.00	\$ 99.00	\$ 198.00
34	734.5010	SWEEPING	HR	10	\$ 55.00	\$ 550.00	\$ 120.00	\$ 1,200.00	\$ 75.00	\$ 750.00
35	734.6001	TEMPORARY VEHICLE TRACKING CONTROL	EA	4	\$ 400.00	\$ 1,600.00	\$ 450.00	\$ 1,800.00	\$ 495.00	\$ 1,980.00
36	734.6006	CONCRETE WASHOUT AREA	EA	1	\$ 300.00	\$ 300.00	\$ 250.00	\$ 250.00	\$ 825.00	\$ 825.00
37		SPECIAL BACK OF SIDEWALK RESTORATION	LS	1	\$ 1,350.00	\$ 1,350.00	\$ 1,437.50	\$ 1,437.50	\$ 1,375.00	\$ 1,375.00
38	120.6200	WATER FOR GRANULAR MATERIAL	MG	16	\$ 15.00	\$ 240.00	\$ 35.00	\$ 560.00	\$ 16.50	\$ 264.00
39	260.1010	AGGREGATE BASE COURSE	TON	1351	\$ 13.50	\$ 18,238.50	\$ 20.00	\$ 27,020.00	\$ 18.30	\$ 24,723.30
40	320.1210	ASPHALT CONCRETE COMPOSITE PG58-28	TON	435	\$ 82.24	\$ 35,774.40	\$ 87.57	\$ 38,092.95	\$ 91.50	\$ 39,802.50
41	320.1250	ASPHALT CONCRETE FOR PATCHING	TON	101	\$ 129.60	\$ 13,089.60	\$ 138.00	\$ 13,938.00	\$ 126.00	\$ 12,726.00
42	380.1030	8" MISCELLANEOUS PCC PAVEMENT	SY	66	\$ 86.40	\$ 5,702.40	\$ 92.00	\$ 6,072.00	\$ 88.00	\$ 5,808.00
43	380.1050	9" MISCELLANEOUS PCC PAVEMENT	SY	27	\$ 108.00	\$ 2,916.00	\$ 115.00	\$ 3,105.00	\$ 110.00	\$ 2,970.00
44	380.3520	6" PCC APPROACH PAVEMENT	SY	44	\$ 64.80	\$ 2,851.20	\$ 69.00	\$ 3,036.00	\$ 66.00	\$ 2,904.00
45	380.4010	6" PCC FILLET SECTION	SY	28.8	\$ 78.30	\$ 2,255.04	\$ 83.38	\$ 2,401.34	\$ 80.00	\$ 2,304.00
46	380.4050	8" PCC FILLET SECTION	SY	43.2	\$ 91.80	\$ 3,965.76	\$ 97.75	\$ 4,222.80	\$ 93.50	\$ 4,039.20
47	380.6111	INSTALL STEEL BAR IN PCC PAVEMENT #5 BAR	EA	149	\$ 8.10	\$ 1,206.90	\$ 8.63	\$ 1,285.87	\$ 8.25	\$ 1,229.25
		INSTALL STEEL BAR IN PCC PAVEMENT #9 OR 1								
48	380.6113	1/4" BAR	EA	37	\$ 16.20	\$ 599.40	\$ 17.25	\$ 638.25	\$ 16.50	\$ 610.50
49	650.7000	CONCRETE CURB AND GUTTER TYPE SF66	FT	321	\$ 35.91	\$ 11,527.11	\$ 38.24	\$ 12,275.04	\$ 37.00	\$ 11,877.00
50	650.8000	CONCRETE VALLEY GUTTER 6" THICK	SY	19	\$ 78.30	\$ 1,487.70	\$ 83.38	\$ 1,584.22	\$ 80.00	\$ 1,520.00
51	SPECIAL 8" CONCRETE DRAINWAY	SY	8	\$ 108.00	\$ 864.00	\$ 115.00	\$ 920.00	\$ 110.00	\$ 880.00	
52	651.0040	4" CONCRETE SIDEWALK	SF	977	\$ 8.64	\$ 8,441.28	\$ 9.20	\$ 8,988.40	\$ 8.80	\$ 8,597.60
53	651.0080	8" CONCRETE SIDEWALK	SF	150	\$ 12.96	\$ 1,944.00	\$ 13.80	\$ 2,070.00	\$ 13.20	\$ 1,980.00
54	651.0860	6" ACCESSIBLE CURB RAMP SIDEWALK	SF	1190	\$ 8.91	\$ 10,602.90	\$ 9.49	\$ 11,293.10	\$ 9.00	\$ 10,710.00
55	651.6030	TYPE B DETECTABLE WARNINGS	SF	114	\$ 59.40	\$ 6,771.60	\$ 63.25	\$ 7,210.50	\$ 60.50	\$ 6,897.00
		GEOTEXTILE FABRIC FOR SUBGRADE								
56	831.0050	STABILIZATION	SY	275	\$ 4.00	\$ 1,100.00	\$ 4.00	\$ 1,100.00	\$ 3.85	\$ 1,058.75
57	110.0400	REMOVE DROP INLET	EA	1	\$ 600.00	\$ 600.00	\$ 600.00	\$ 600.00	\$ 660.00	\$ 660.00
58	SPECIAL INSTALL SPECIAL DROP INLET	EA	1	\$ 2,220.00	\$ 2,220.00	\$ 3,500.00	\$ 3,500.00	\$ 1,650.00	\$ 1,650.00	
59	SPECIAL STORM SEWER DROP INLET REPAIR	EA	3	\$ 1,680.00	\$ 5,040.00	\$ 1,150.00	\$ 3,450.00	\$ 1,100.00	\$ 3,300.00	
60	110.1462	REMOVE WATER MANHOLE	EA	1	\$ 400.00	\$ 400.00	\$ 500.00	\$ 500.00	\$ 440.00	\$ 440.00
61	110.1910	REMOVE FIRE HYDRANT	EA	2	\$ 225.00	\$ 450.00	\$ 600.00	\$ 1,200.00	\$ 250.00	\$ 500.00
62	110.1960	REMOVE VALVE BOX	EA	3	\$ 150.00	\$ 450.00	\$ 150.00	\$ 450.00	\$ 165.00	\$ 495.00
63	110.1970	REMOVE WATERMAIN	FT	791	\$ 3.00	\$ 2,373.00	\$ 13.00	\$ 10,283.00	\$ 3.30	\$ 2,610.30
64	250.0040	INCIDENTAL WORK UTILITIES	LS	1	\$ 1,500.00	\$ 1,500.00	\$ 4,000.00	\$ 4,000.00	\$ 1,650.00	\$ 1,650.00
65	SPECIAL ABANDON 6X6" WATER VALVE VAULT	EA	1	\$ 1,600.00	\$ 1,600.00	\$ 600.00	\$ 600.00	\$ 1,760.00	\$ 1,760.00	
66	462.0200	CONTROLLED DENSITE FILL K-CRETE	CY	7	\$ 150.00	\$ 1,050.00	\$ 250.00	\$ 1,750.00	\$ 165.00	\$ 1,155.00
67	900.0106	20" DUCTIL IRON WATER MAIN	FT	3	\$ 405.00	\$ 1,215.00	\$ 200.00	\$ 600.00	\$ 446.00	\$ 1,338.00
68	900.0201	6" C900 DR18 PVC WATERMAIN	FT	48	\$ 29.70	\$ 1,425.60	\$ 35.00	\$ 1,680.00	\$ 33.00	\$ 1,584.00
69	900.0202	8" C900 DR18 PVC WATERMAIN	FT	950	\$ 39.00	\$ 37,050.00	\$ 38.00	\$ 36,100.00	\$ 43.00	\$ 40,850.00
70	900.0204	12" C900 DR18PVC WATERMAIN	FT	15	\$ 52.00	\$ 780.00	\$ 48.00	\$ 720.00	\$ 57.00	\$ 855.00
71	900.0400	VALVE BOX	EA	1	\$ 256.00	\$ 256.00	\$ 250.00	\$ 250.00	\$ 282.00	\$ 282.00
72	900.0402	6" MJ GATE VALVE WITH BOX	EA	4	\$ 895.00	\$ 3,580.00	\$ 1,247.84	\$ 4,991.36	\$ 985.00	\$ 3,940.00
73	900.0403	8" MJ GATE VALVE WITH BOX	EA	4	\$ 1,204.00	\$ 4,816.00	\$ 1,879.10	\$ 7,516.40	\$ 1,324.00	\$ 5,296.00
74	900.0450	VALVE BOX ADJUSTMENT	EA	10	\$ 145.80	\$ 1,458.00	\$ 155.25	\$ 1,552.50	\$ 110.00	\$ 1,100.00
75	900.0502	8" MJ ELBOW 45 DEGREE	EA	2	\$ 200.00	\$ 400.00	\$ 160.00	\$ 320.00	\$ 224.00	\$ 448.00
76	900.0504	12" MJ ELBOW 45 DEGREE	EA	2	\$ 283.00	\$ 566.00	\$ 295.00	\$ 590.00	\$ 310.00	\$ 620.00
77	900.0703	8X8" MJ TEE	EA	2	\$ 325.00	\$ 650.00	\$ 270.00	\$ 540.00	\$ 360.00	\$ 720.00
78	900.0704	8X6" MJ TEE	EA	4	\$ 307.00	\$ 1,228.00	\$ 240.00	\$ 960.00	\$ 340.00	\$ 1,360.00
79	900.0710	12X12" MJ TEE	EA	1	\$ 447.00	\$ 447.00	\$ 485.00	\$ 485.00	\$ 500.00	\$ 500.00
80	900.0802	8X6" MJ REDUCER	EA	4	\$ 188.00	\$ 752.00	\$ 130.00	\$ 520.00	\$ 207.00	\$ 828.00
81	900.0815	20X12" MJ REDUCER	EA	1	\$ 482.00	\$ 482.00	\$ 586.00	\$ 586.00	\$ 530.00	\$ 530.00
82	900.1101	6" MJ CAP	EA	5	\$ 133.00	\$ 665.00	\$ 77.00	\$ 385.00	\$ 146.00	\$ 730.00

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Value of OFM: \$				

Item No.	Std. Bid Item No.	Description	Unit	Quantity	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
83	900.1102	8" MJ CAP	EA	1	\$ 146.00	\$ 146.00	\$ 85.00	\$ 85.00	\$ 161.00	\$ 161.00
84	900.1104	12" MJ CAP	EA	2	\$ 180.00	\$ 360.00	\$ 145.00	\$ 290.00	\$ 198.00	\$ 396.00
85	900.1105	16" MJ CAP	EA	7	\$ 268.00	\$ 1,876.00	\$ 287.00	\$ 2,009.00	\$ 295.00	\$ 2,065.00
86	900.1106	20" MJ CAP	EA	3	\$ 338.00	\$ 1,014.00	\$ 447.00	\$ 1,341.00	\$ 372.00	\$ 1,116.00
87	900.1201	6" MJ LONG SLEEVE	EA	4	\$ 170.00	\$ 680.00	\$ 134.00	\$ 536.00	\$ 187.00	\$ 748.00
88	900.1202	8" MJ LONG SLEEVE	EA	1	\$ 198.00	\$ 198.00	\$ 182.00	\$ 182.00	\$ 218.00	\$ 218.00
89	900.1204	12" MJ LONG SLEEVE	EA	1	\$ 197.00	\$ 197.00	\$ 280.00	\$ 280.00	\$ 217.00	\$ 217.00
90	900.1316	20" MJ OVERSIZE SLEEVE	EA	1	\$ 1,608.00	\$ 1,608.00	\$ 2,720.00	\$ 2,720.00	\$ 1,770.00	\$ 1,770.00
91	900.1401	6" MJ RETAINER GLAND	EA	26	\$ 47.00	\$ 1,222.00	\$ 33.00	\$ 858.00	\$ 52.00	\$ 1,352.00
92	900.1402	8" MJ RETAINER GLAND	EA	37	\$ 57.00	\$ 2,109.00	\$ 63.00	\$ 2,331.00	\$ 63.00	\$ 2,331.00
93	900.1404	12" MJ RETAINER GLAND	EA	12	\$ 89.00	\$ 1,068.00	\$ 136.00	\$ 1,632.00	\$ 98.00	\$ 1,176.00
94	900.1405	16" MJ RETAINER GLAND	EA	3	\$ 171.00	\$ 513.00	\$ 200.00	\$ 600.00	\$ 188.00	\$ 564.00
95	900.1406	20" MJ RETAINER GLAND	EA	4	\$ 296.00	\$ 1,184.00	\$ 500.00	\$ 2,000.00	\$ 326.00	\$ 1,304.00
96	900.1502	FIRE HYDRANT	EA	3	\$ 2,688.00	\$ 8,064.00	\$ 3,340.00	\$ 10,020.00	\$ 2,957.00	\$ 8,871.00
97	900.1507	TEMPORARY FIRE HYDRANT TESTING	EA	3	\$ 600.00	\$ 1,800.00	\$ 1,500.00	\$ 4,500.00	\$ 660.00	\$ 1,980.00
98	900.1601	TEMPORARY WATER MAIN	LS	1	\$ 6,500.00	\$ 6,500.00	\$ 5,000.00	\$ 5,000.00	\$ 7,150.00	\$ 7,150.00
99	900.1751	CUT AND TIE TO EXISTING WATERMAIN WATER SERVICE RECONNECT EXCAVATE AND	EA	7	\$ 1,200.00	\$ 8,400.00	\$ 1,300.00	\$ 9,100.00	\$ 1,320.00	\$ 9,240.00
100	900.6003	BACKFILLING EXCAVATE AND BACKFILL FOR CITY FURNISHED	FT	259	\$ 25.00	\$ 6,475.00	\$ 35.00	\$ 9,065.00	\$ 28.00	\$ 7,252.00
101	900.6004	SMITH TAP	EA	1	\$ 1,800.00	\$ 1,800.00	\$ 1,500.00	\$ 1,500.00	\$ 1,980.00	\$ 1,980.00
102	900.8001	6" WATERMAIN BEDDING MATERIAL	FT	48	\$ 4.00	\$ 192.00	\$ 5.00	\$ 240.00	\$ 4.40	\$ 211.20
103	900.8002	8" WATERMAIN BEDDING MATERIAL	FT	950	\$ 5.00	\$ 4,750.00	\$ 5.00	\$ 4,750.00	\$ 5.50	\$ 5,225.00
104	900.8004	12" WATERMAIN BEDDING MATERIAL	FT	15	\$ 8.00	\$ 120.00	\$ 10.00	\$ 150.00	\$ 8.80	\$ 132.00
105	900.8006	20" WATERMAIN BEDDING MATERIAL	FT	3	\$ 15.00	\$ 45.00	\$ 20.00	\$ 60.00	\$ 16.50	\$ 49.50
106	900.8100	WATER SERVICE BEDDING MATERIAL	FT	259	\$ 3.00	\$ 777.00	\$ 3.00	\$ 777.00	\$ 3.30	\$ 854.70
107	950.5200	TRENCH DEWATERING	FT	1	\$ 1.00	\$ 1.00	\$ 1,500.00	\$ 1,500.00	\$ 1.10	\$ 1.10
108	975.1000	TRENCHLESS CONSTRUCTION	FT	110	\$ 100.00	\$ 11,000.00	\$ 46.00	\$ 5,060.00	\$ 110.00	\$ 12,100.00
109	975.1100	16" STEEL CASING PIPE	FT	110	\$ 203.00	\$ 22,330.00	\$ 300.00	\$ 33,000.00	\$ 225.00	\$ 24,750.00
110	975.1200	8"C900 DR18 PVC CARRIER PIPE	FT	110	\$ 48.00	\$ 5,280.00	\$ 45.00	\$ 4,950.00	\$ 53.00	\$ 5,830.00
111	975.1300	BORE OBSTRUCTION	EA	1	\$ 500.00	\$ 500.00	\$ 1,725.00	\$ 1,725.00	\$ 550.00	\$ 550.00
112	975.1400	CONTROLLED LOW STRENGTH MATERIAL	CY	5	\$ 300.00	\$ 1,500.00	\$ 1,725.00	\$ 8,625.00	\$ 330.00	\$ 1,650.00
113	110.0520	REMOVE SEWER PIPE	FT	11	\$ 10.00	\$ 110.00	\$ 19.00	\$ 209.00	\$ 11.00	\$ 121.00
114	110.1461	REMOVE SANITARY SEWER MANHOLE	EA	1	\$ 400.00	\$ 400.00	\$ 500.00	\$ 500.00	\$ 440.00	\$ 440.00
115	260.6010	GRANULAR MATERIAL	TON	200	\$ 10.00	\$ 2,000.00	\$ 16.00	\$ 3,200.00	\$ 11.00	\$ 2,200.00
116	260.7010	TRENCH STABILIZATION MATERIAL	TON	100	\$ 18.00	\$ 1,800.00	\$ 19.00	\$ 1,900.00	\$ 20.00	\$ 2,000.00
117	SPECIAL 6"	SANITARY SEWER PIPE 8-10' DEEP	FT	3	\$ 102.20	\$ 306.60	\$ 65.00	\$ 195.00	\$ 113.00	\$ 339.00
118	950.0102	8" SANITARY SEWER PIPE 8-10' DEEP	FT	8	\$ 124.00	\$ 992.00	\$ 70.00	\$ 560.00	\$ 136.00	\$ 1,088.00
119	SPECIAL 6"	SANITARY SEWER PIPE BEDDING MATERIAL	FT	3	\$ 10.00	\$ 30.00	\$ 11.00	\$ 33.00	\$ 11.00	\$ 33.00
120	950.2000	8" SANITARY SEWER PIPE BEDDING MATERIAL	FT	8	\$ 12.00	\$ 96.00	\$ 15.00	\$ 120.00	\$ 13.00	\$ 104.00
121	950.3101	6" SEWER COUPLING	EA	1	\$ 190.00	\$ 190.00	\$ 90.00	\$ 90.00	\$ 209.00	\$ 209.00
122	950.3102	8" SEWER COUPLING	EA	2	\$ 209.00	\$ 418.00	\$ 90.00	\$ 180.00	\$ 230.00	\$ 460.00
123	950.4002	48" MANHOLE 8-10' DEEP	EA	1	\$ 5,912.00	\$ 5,912.00	\$ 5,500.00	\$ 5,500.00	\$ 6,500.00	\$ 6,500.00
124	950.4801	6" BOOTS FOR MANHOLE	EA	1	\$ 136.00	\$ 136.00	\$ 110.00	\$ 110.00	\$ 150.00	\$ 150.00
125	950.4802	8" BOOTS FOR MANHOLE	EA	2	\$ 136.00	\$ 272.00	\$ 120.00	\$ 240.00	\$ 150.00	\$ 300.00
126	950.5000	ADJUST MANHOLE	EA	3	\$ 378.00	\$ 1,134.00	\$ 402.50	\$ 1,207.50	\$ 650.00	\$ 1,950.00
127	950.5250	SANITARY SEWER TEMPORARY BYPASS	LS	1	\$ 1,000.00	\$ 1,000.00	\$ 1,200.00	\$ 1,200.00	\$ 1,100.00	\$ 1,100.00
128	950.5300	MANHOLE FRAME AND COVER	EA	3	\$ 425.00	\$ 1,275.00	\$ 345.00	\$ 1,035.00	\$ 470.00	\$ 1,410.00
129	950.5320	MANHOLE EXTERNAL FRAME SEAL	EA	3	\$ 459.00	\$ 1,377.00	\$ 488.75	\$ 1,466.25	\$ 385.00	\$ 1,155.00
130	950.5410	MANHOLE CONSTRUCTION PLATE MARKER	EA	3	\$ 125.00	\$ 375.00	\$ 120.00	\$ 360.00	\$ 138.00	\$ 414.00
131	950.5600	MANHOLE EXFILTRATION/VACUUM TEST	EA	1	\$ 150.00	\$ 150.00	\$ 485.00	\$ 485.00	\$ 1.10	\$ 1.10
132	110.5021	SALVAGE TRAFFIC SIGN FOR RESET	EA	8	\$ 5.40	\$ 43.20	\$ 5.75	\$ 46.00	\$ 5.50	\$ 44.00
133	632.1320	2X2" PERFORATED TUBE POST	FT	18.2	\$ 7.56	\$ 137.59	\$ 8.05	\$ 146.51	\$ 7.70	\$ 140.14
134	632.1330	2.25X2.25" PERFORATED TUBE POST	FT	7	\$ 8.64	\$ 60.48	\$ 9.20	\$ 64.40	\$ 8.80	\$ 61.60
135	632.1340	2.5X2.5" PERFORATED TUBE POST	FT	3	\$ 9.72	\$ 29.16	\$ 10.35	\$ 31.05	\$ 9.90	\$ 29.70
136	632.3060	INSTALL RAFFIC SIGN ON POST	EA	8	\$ 5.40	\$ 43.20	\$ 5.75	\$ 46.00	\$ 5.50	\$ 44.00
TOTAL GROSS BASE BID					Total Bid	\$ 417,413.00	Total Bid	\$ 469,066.52	Total Bid	\$ 478,338.27

2018 CITY WIDE WATER MAIN REPLACEMENT -
 VACATED E AVENUE, 9TH STREET - WAYLAND
 AVENUE TO BLAUVELT AVENUE, AND WAYLAND

Project: AVENUE - 9TH STREET TO 10TH STREET
 VACATED E AVENUE, 9TH STREET - WAYLAND
 AVENUE TO BLAUVELT AVENUE, AND WAYLAND
Location: AVENUE - 9TH STREET TO 10TH STREET

A/E Firm: MARSHALL ENGINEERING, INC. Bid Estimate: \$ 427,334.00 Bidder: Hander, Inc.
 Address: 6400 N. CLIFF AVENUE Budget: \$ 41,278.00 Address: 2407 W. 5th St.
 City/State/Zip: SIOUX FALLS, SD 57104 Letting Date: 02/22/18 City/State/Zip: Sioux Falls, SD
 Phone No.: 605.940.0343 Time: 2:15PM Phone No.: 605.339.9633
 Value of OFM: \$

Item No.	Std. Bid Item No.	Description	Unit	Quantity	Unit Price	Total Price
1	9.0010	MOBILIZATION	LS	1	\$ 90,310.60	\$ 90,310.60
2	110.0300	REMOVE CONCRETE CURB AND GUTTER	FT	355	\$ 9.30	\$ 3,301.50
3	110.1010	REMOVE ASPHALT CONCRETE PAVEMENT	SY	1523	\$ 3.70	\$ 5,635.10
4	110.1100	REMOVE CONCRETE PAVEMENT	SY	33	\$ 5.90	\$ 194.70
		REMOVE CONCRETE PAVEMENT WITH				
5	110.1100	MONOLITHIC CURB	SY	123	\$ 6.20	\$ 762.60
6	110.1110	REMOVE CONCRETE APPROACH PAVEMENT	SY	44	\$ 5.90	\$ 259.60
7	110.1140	REMOVE CONCRETE SIDEWALK	SY	226	\$ 5.50	\$ 1,243.00
8	110.8100	SAW EXISTING ASPHALT	FT	965	\$ 2.60	\$ 2,509.00
9	110.8110	SAW EXISTING PCC PAVING	FT	415	\$ 7.90	\$ 3,278.50
10	120.0010	UNCLASSIFIED EXCAVATION	CY	456	\$ 13.10	\$ 5,973.60
11	120.0100	UNCLASSIFIED EXCAVATION DIG OUTS	CY	100	\$ 13.10	\$ 1,310.00
		UNCLASSIFIED EXCAVATION GRADE				
12	120.0150	STABILIZATION	CY	50	\$ 16.50	\$ 825.00
13	120.0480	SCARIFY AND RECOMPACT SUBGRADE	SY	1431	\$ 1.40	\$ 2,003.40
14	120.6100	WATER FOR EMBANKMENT	MG	3	\$ 67.50	\$ 202.50
15	230.0020	PLACING CONTRACTOR FURNISHED TOPSOIL	CY	155	\$ 45.70	\$ 7,083.50
16	332.0010	2" COLD MILLING ASPHALT CONCRETE	SY	768	\$ 8.30	\$ 6,374.40
17	634.0110	TRAFFIC CONTROL	SF	681	\$ 5.40	\$ 3,677.40
18	634.0120	TRAFFIC CONTROL MISCELLANEOUS	LS	1	\$ 2,025.00	\$ 2,025.00
19	634.0285	TYPE 3 BARRICADE 8' DOUBLE SIDED	EA	37	\$ 135.00	\$ 4,995.00
20	735.4000	TREE TRIMMING	EA	2	\$ 1,350.00	\$ 2,700.00
21	950.5700	LOCATING UTILITY	EA	2	\$ 472.50	\$ 945.00
22	950.5710	VERIFY UTILITY	EA	5	\$ 472.50	\$ 2,362.50
23	999.8000	ROOT GRINDING	EA	1	\$ 472.50	\$ 472.50
24	110.1700	REMOVE SILT FENCE	FT	15	\$ 13.50	\$ 202.50
25	120.6300	WATER FOR VEGETATION	MG	45	\$ 33.80	\$ 1,521.00
26	730.0301	QUALITY GREEN TURF MIX	LB	78	\$ 14.20	\$ 1,107.60
27	731.0100	FERTILIZING	LB	39	\$ 2.10	\$ 81.90
28	731.0200	WEED CONTROL	SY	712	\$ 0.30	\$ 213.60
29	732.0210	WEED CONTROL PROJECT	LS	1	\$ 337.50	\$ 337.50
30	732.0200	FIBER MULCHING	TON	0.16	\$ 2,700.00	\$ 432.00
31	734.0601	SILT FENCE	FT	15	\$ 13.50	\$ 202.50
32	734.0610	MUCKING SILT FENCE	CY	5	\$ 13.50	\$ 67.50
33	734.0850	INLET PROTECTION	EA	2	\$ 168.80	\$ 337.60
34	734.5010	SWEEPING	HR	10	\$ 162.00	\$ 1,620.00
35	734.6001	TEMPORARY VEHICLE TRACKING CONTROL	EA	4	\$ 1,012.50	\$ 4,050.00
36	734.6006	CONCRETE WASHOUT AREA	EA	1	\$ 202.50	\$ 202.50
37		SPECIAL BACK OF SIDEWALK RESTORATION	LS	1	\$ 1,620.00	\$ 1,620.00
38	120.6200	WATER FOR GRANULAR MATERIAL	MG	16	\$ 27.00	\$ 432.00
39	260.1010	AGGREGATE BASE COURSE	TON	1351	\$ 30.00	\$ 40,530.00
40	320.1210	ASPHALT CONCRETE COMPOSITE PG58-28	TON	435	\$ 102.80	\$ 44,718.00
41	320.1250	ASPHALT CONCRETE FOR PATCHING	TON	101	\$ 162.00	\$ 16,362.00
42	380.1030	8" MISCELLANEOUS PCC PAVEMENT	SY	66	\$ 108.00	\$ 7,128.00
43	380.1050	9" MISCELLANEOUS PCC PAVEMENT	SY	27	\$ 135.00	\$ 3,645.00
44	380.3520	6" PCC APPROACH PAVEMENT	SY	44	\$ 81.00	\$ 3,564.00
45	380.4010	6" PCC FILLET SECTION	SY	28.8	\$ 97.90	\$ 2,819.52
46	380.4050	8" PCC FILLET SECTION	SY	43.2	\$ 114.80	\$ 4,959.36
47	380.6111	INSTALL STEEL BAR IN PCC PAVEMENT #5 BAR	EA	149	\$ 10.10	\$ 1,504.90
		INSTALL STEEL BAR IN PCC PAVEMENT #9 OR 1				
48	380.6113	1/4" BAR	EA	37	\$ 20.30	\$ 751.10
49	650.7000	CONCRETE CURB AND GUTTER TYPE SF66	FT	321	\$ 44.90	\$ 14,412.90
50	650.8000	CONCRETE VALLEY GUTTER 6" THICK	SY	19	\$ 97.90	\$ 1,860.10
51		SPECIAL 8" CONCRETE DRAINWAY	SY	8	\$ 135.00	\$ 1,080.00
52	651.0040	4" CONCRETE SIDEWALK	SF	977	\$ 10.80	\$ 10,551.60
53	651.0080	8" CONCRETE SIDEWALK	SF	150	\$ 16.20	\$ 2,430.00
54	651.0860	6" ACCESSIBLE CURB RAMP SIDEWALK	SF	1190	\$ 11.20	\$ 13,328.00
55	651.6030	TYPE B DETECTABLE WARNINGS	SF	114	\$ 74.30	\$ 8,470.20
		GEOTEXTILE FABRIC FOR SUBGRADE				
56	831.0050	STABILIZATION	SY	275	\$ 5.70	\$ 1,567.50
57	110.0400	REMOVE DROP INLET	EA	1	\$ 2,025.00	\$ 2,025.00
58		SPECIAL INSTALL SPECIAL DROP INLET	EA	1	\$ 3,375.00	\$ 3,375.00
59		SPECIAL STORM SEWER DROP INLET REPAIR	EA	3	\$ 2,700.00	\$ 8,100.00
60	110.1462	REMOVE WATER MANHOLE	EA	1	\$ 675.00	\$ 675.00
61	110.1910	REMOVE FIRE HYDRANT	EA	2	\$ 675.00	\$ 1,350.00
62	110.1960	REMOVE VALVE BOX	EA	3	\$ 67.50	\$ 202.50
63	110.1970	REMOVE WATERMAIN	FT	791	\$ 6.80	\$ 5,378.80
64	250.0040	INCIDENTAL WORK UTILITIES	LS	1	\$ 16,875.00	\$ 16,875.00
65		SPECIAL ABANDON 6X6" WATER VALVE VAULT	EA	1	\$ 1,012.50	\$ 1,012.50
66	462.0200	CONTROLLED DENSITE FILL K-CRETE	CY	7	\$ 337.50	\$ 2,362.50
67	900.0106	20" DUCTIL IRON WATER MAIN	FT	3	\$ 472.50	\$ 1,417.50
68	900.0201	6" C900 DR18 PVC WATERMAIN	FT	48	\$ 69.30	\$ 3,326.40
69	900.0202	8" C900 DR18 PVC WATERMAIN	FT	950	\$ 54.40	\$ 51,680.00
70	900.0204	12" C900 DR18PVC WATERMAIN	FT	15	\$ 336.50	\$ 5,047.50
71	900.0400	VALVE BOX	EA	1	\$ 217.80	\$ 217.80
72	900.0402	6" MJ GATE VALVE WITH BOX	EA	4	\$ 1,293.40	\$ 5,173.60
73	900.0403	8" MJ GATE VALVE WITH BOX	EA	4	\$ 1,762.70	\$ 7,050.80
74	900.0450	VALVE BOX ADJUSTMENT	EA	10	\$ 182.30	\$ 1,823.00
75	900.0502	8" MJ ELBOW 45 DEGREE	EA	2	\$ 362.00	\$ 724.00
76	900.0504	12" MJ ELBOW 45 DEGREE	EA	2	\$ 480.20	\$ 960.40
77	900.0703	8X8" MJ TEE	EA	2	\$ 453.50	\$ 907.00
78	900.0704	8X6" MJ TEE	EA	4	\$ 426.20	\$ 1,704.80
79	900.0710	12X12" MJ TEE	EA	1	\$ 669.50	\$ 669.50
80	900.0802	8X6" MJ REDUCER	EA	4	\$ 337.00	\$ 1,348.00
81	900.0815	20X12" MJ REDUCER	EA	1	\$ 834.20	\$ 834.20
82	900.1101	6" MJ CAP	EA	5	\$ 426.60	\$ 2,133.00

2018 CITY WIDE WATER MAIN REPLACEMENT -
 VACATED E AVENUE, 9TH STREET - WAYLAND
 AVENUE TO BLAUVELT AVENUE, AND WAYLAND

Project: AVENUE - 9TH STREET TO 10TH STREET
 VACATED E AVENUE, 9TH STREET - WAYLAND
 AVENUE TO BLAUVELT AVENUE, AND WAYLAND
Location: AVENUE - 9TH STREET TO 10TH STREET

A/E Firm: MARSHALL ENGINEERING, INC.

Bid Estimate: \$ 427,334.00

Bidder: Hander, Inc.

Address: 6400 N. CLIFF AVENUE

Budget: \$ 41,278.00

Address: 2407 W. 5th St.
 Sioux Falls, SD

City/State/Zip: SIOUX FALLS, SD 57104

Letting Date: 02/22/18

City/State/Zip: 57104

Phone No.: 605.940.0343

Time: 2:15PM

Phone No.: 605.339.9633

Value of OFM: \$

Item No.	Std. Bid Item No.	Description	Unit	Quantity	Unit Price	Total Price
83	900.1102	8" MJ CAP	EA	1	\$ 446.20	\$ 446.20
84	900.1104	12" MJ CAP	EA	2	\$ 497.00	\$ 994.00
85	900.1105	16" MJ CAP	EA	7	\$ 723.70	\$ 5,065.90
86	900.1106	20" MJ CAP	EA	3	\$ 828.60	\$ 2,485.80
87	900.1201	6" MJ LONG SLEEVE	EA	4	\$ 340.70	\$ 1,362.80
88	900.1202	8" MJ LONG SLEEVE	EA	1	\$ 146.80	\$ 146.80
89	900.1204	12" MJ LONG SLEEVE	EA	1	\$ 229.60	\$ 229.60
90	900.1316	20" MJ OVERSIZE SLEEVE	EA	1	\$ 1,811.30	\$ 1,811.30
91	900.1401	6" MJ RETAINER GLAND	EA	26	\$ 99.70	\$ 2,592.20
92	900.1402	8" MJ RETAINER GLAND	EA	37	\$ 115.20	\$ 4,262.40
93	900.1404	12" MJ RETAINER GLAND	EA	12	\$ 196.10	\$ 2,353.20
94	900.1405	16" MJ RETAINER GLAND	EA	3	\$ 311.60	\$ 934.80
95	900.1406	20" MJ RETAINER GLAND	EA	4	\$ 614.10	\$ 2,456.40
96	900.1502	FIRE HYDRANT	EA	3	\$ 3,904.60	\$ 11,713.80
97	900.1507	TEMPORARY FIRE HYDRANT TESTING	EA	3	\$ 4,417.60	\$ 13,252.80
98	900.1601	TEMPORARY WATER MAIN	LS	1	\$ 10,125.00	\$ 10,125.00
99	900.1751	CUT AND TIE TO EXISTING WATERMAIN WATER SERVICE RECONNECT EXCAVATE AND	EA	7	\$ 675.00	\$ 4,725.00
100	900.6003	BACKFILLING EXCAVATE AND BACKFILL FOR CITY FURNISHED	FT	259	\$ 23.50	\$ 6,086.50
101	900.6004	SMITH TAP	EA	1	\$ 675.00	\$ 675.00
102	900.8001	6" WATERMAIN BEDDING MATERIAL	FT	48	\$ 3.40	\$ 163.20
103	900.8002	8" WATERMAIN BEDDING MATERIAL	FT	950	\$ 4.50	\$ 4,275.00
104	900.8004	12" WATERMAIN BEDDING MATERIAL	FT	15	\$ 27.00	\$ 405.00
105	900.8006	20" WATERMAIN BEDDING MATERIAL	FT	3	\$ 67.50	\$ 202.50
106	900.8100	WATER SERVICE BEDDING MATERIAL	FT	259	\$ 5.40	\$ 1,398.60
107	950.5200	TRENCH DEWATERING	FT	1	\$ 2,500.00	\$ 2,500.00
108	975.1000	TRENCHLESS CONSTRUCTION	FT	110	\$ 472.50	\$ 51,975.00
109	975.1100	16" STEEL CASING PIPE	FT	110	\$ 60.80	\$ 6,688.00
110	975.1200	8"C900 DR18 PVC CARRIER PIPE	FT	110	\$ 552.80	\$ 60,808.00
111	975.1300	BORE OBSTRUCTION	EA	1	\$ 6,750.00	\$ 6,750.00
112	975.1400	CONTROLLED LOW STRENGTH MATERIAL	CY	5	\$ 337.50	\$ 1,687.50
113	110.0520	REMOVE SEWER PIPE	FT	11	\$ 6.80	\$ 74.80
114	110.1461	REMOVE SANITARY SEWER MANHOLE	EA	1	\$ 675.00	\$ 675.00
115	260.6010	GRANULAR MATERIAL	TON	200	\$ 27.00	\$ 5,400.00
116	260.7010	TRENCH STABILIZATION MATERIAL	TON	100	\$ 27.00	\$ 2,700.00
117	SPECIAL 6"	SANITARY SEWER PIPE 8-10' DEEP	FT	3	\$ 81.00	\$ 243.00
118	950.0102	8" SANITARY SEWER PIPE 8-10' DEEP	FT	8	\$ 83.70	\$ 669.60
119	SPECIAL 6"	SANITARY SEWER PIPE BEDDING MATERIAL	FT	3	\$ 27.00	\$ 81.00
120	950.2000	8" SANITARY SEWER PIPE BEDDING MATERIAL	FT	8	\$ 27.00	\$ 216.00
121	950.3101	6" SEWER COUPLING	EA	1	\$ 159.90	\$ 159.90
122	950.3102	8" SEWER COUPLING	EA	2	\$ 189.80	\$ 379.60
123	950.4002	48" MANHOLE 8-10' DEEP	EA	1	\$ 5,413.50	\$ 5,413.50
124	950.4801	6" BOOTS FOR MANHOLE	EA	1	\$ 121.50	\$ 121.50
125	950.4802	8" BOOTS FOR MANHOLE	EA	2	\$ 121.50	\$ 243.00
126	950.5000	ADJUST MANHOLE	EA	3	\$ 472.50	\$ 1,417.50
127	950.5250	SANITARY SEWER TEMPORARY BYPASS	LS	1	\$ 1,350.00	\$ 1,350.00
128	950.5300	MANHOLE FRAME AND COVER	EA	3	\$ 411.90	\$ 1,235.70
129	950.5320	MANHOLE EXTERNAL FRAME SEAL	EA	3	\$ 573.80	\$ 1,721.40
130	950.5410	MANHOLE CONSTRUCTION PLATE MARKER	EA	3	\$ 202.50	\$ 607.50
131	950.5600	MANHOLE EXFILTRATION/VACUUM TEST	EA	1	\$ 202.50	\$ 202.50
132	110.5021	SALVAGE TRAFFIC SIGN FOR RESET	EA	8	\$ 13.50	\$ 108.00
133	632.1320	2X2" PERFORATED TUBE POST	FT	18.2	\$ 8.10	\$ 147.42
134	632.1330	2.25X2.25" PERFORATED TUBE POST	FT	7	\$ 9.50	\$ 66.50
135	632.1340	2.5X2.5" PERFORATED TUBE POST	FT	3	\$ 10.80	\$ 32.40
136	632.3060	INSTALL RAFFIC SIGN ON POST	EA	8	\$ 13.50	\$ 108.00
TOTAL GROSS BASE BID					Total Bid	\$ 698,874.70