

LEACHATE RECIRCULATION/GAS SYSTEM

Project: INFRASTRUCTURE FORCE MAIN

Location: SIOUX FALLS SANITARY LANDFILL

A/E Firm: HDR ENGINEERING, INC.

Bid Estimate: \$ 2,528,000.00

Carstensen
Bidder: Contracting, Inc.

Address: 6300 S. OLD VILLAGE PLACE, SUITE 100

Budget: \$ 2,944,849.00

Address: 800 Quartzite Street

City/State/Zip: SIOUX FALLS, SD 57108

Letting Date: 05/14/20

City/State/Zip: 57022

Phone No.: 605.977.7740

Time: 2:15 PM

Phone No.: 605.221.5777

Value of OFM: \$

Item No.	Std. Bid Item No.	Description	Unit	Quantity	Unit Price	Total Price
1	9.0010	Mobilization	LS	1	\$ 135,000.00	\$ 135,000.00
2	100.0010	Clear and Grub Stump	Each	1	\$ 350.00	\$ 350.00
3	100.0100	Clearing	LS	1	\$ 6,000.00	\$ 6,000.00
4	110.0300	Remove Concrete Curb and Gutter	Ft	349	\$ 10.00	\$ 3,490.00
5	110.1010	Remove Asphalt Concrete Pavement	SqYd	960	\$ 8.00	\$ 7,680.00
6	110.1140	Remove Concrete Sidewalk	SqYd	28	\$ 10.00	\$ 280.00
7	Special	Replace Barbed Wire Fence	Ft	200	\$ 10.00	\$ 2,000.00
8	Special	Replace Woven Wire Fence	Ft	100	\$ 10.00	\$ 1,000.00
9	Special	Replace Wire Fence	Ft	100	\$ 10.00	\$ 1,000.00
10	Special	Remove and Salvage Existing Signs	Each	5	\$ 75.00	\$ 375.00
11	110.8100	Saw Existing Asphalt	Ft	618	\$ 3.00	\$ 1,854.00
12	110.8110	Saw Existing PCC Pavement	Ft	33	\$ 4.00	\$ 132.00
13	120.0480	Scarify and Recompact Subgrade	SqYd	3,211	\$ 4.00	\$ 12,844.00
14	120.0600	Contractor Furnished Borrow	CuYd	600	\$ 35.00	\$ 21,000.00
15	120.6000	Water For Dust Control (1 Mgal = 1,000 Gal)	MGal	244	\$ 60.00	\$ 14,640.00
16	205.0010	Dust Control Chloride	Lb	48,792	\$ 0.65	\$ 31,714.80
17	230.0010	Placing Topsoil	CuYd	2,965	\$ 5.50	\$ 16,307.50
18	230.0020	Placing Contractor Furnished Topsoil	CuYd	300	\$ 43.00	\$ 12,900.00
19	230.0300	Salvage Topsoil	CuYd	2,965	\$ 2.75	\$ 8,153.75
20	110.0500	Remove Pipe Culvert	Ft	89	\$ 6.00	\$ 534.00
21	450.0123	18" RCP Class 3, Furnish	Ft	53	\$ 50.00	\$ 2,650.00
22	450.0130	18" RCP, Install	Ft	53	\$ 35.00	\$ 1,855.00
23	450.0143	24" RCP Class 3, Furnish	Ft	15	\$ 70.00	\$ 1,050.00
24	450.0150	24" RCP, Install	Ft	15	\$ 40.00	\$ 600.00
25	450.2008	18" RCP Flared End, Furnish	Each	2	\$ 700.00	\$ 1,400.00
26	450.2009	18" RCP Flared End, Install	Each	2	\$ 700.00	\$ 1,400.00
27	450.2200	24" RCP Sloped End, Furnish	Each	2	\$ 750.00	\$ 1,500.00
28	450.2201	24" RCP Sloped End, Install	Each	2	\$ 700.00	\$ 1,400.00
29	450.4759	18" CMP 16 Gauge, Furnish	Ft	32	\$ 35.00	\$ 1,120.00
30	450.4760	18" CMP, Install	Ft	32	\$ 36.00	\$ 1,152.00
31	450.4769	24" CMP 16 Gauge, Furnish	Ft	32	\$ 40.00	\$ 1,280.00
32	450.4770	24" CMP, Install	Ft	32	\$ 35.00	\$ 1,120.00
33	633.1180	Surface Preparation For Pavement Marking, 4"	Ft	1780	\$ 0.10	\$ 178.00
34	633.1400	Pavement Marking Paint, 4" White	Ft	240	\$ 1.40	\$ 336.00
35	633.1405	Pavement Marking Paint, 4" Yellow	Ft	1540	\$ 1.40	\$ 2,156.00
36	634.0010	Flagging	Hour	480	\$ 80.00	\$ 38,400.00
37	634.0110	Traffic Control	SqFt	680	\$ 5.50	\$ 3,740.00
38	634.0285	Type 3 Barricade, 8' Double Sided	Each	8	\$ 135.00	\$ 1,080.00
39	634.0120	Traffic Control, Miscellaneous	LS	1	\$ 46,000.00	\$ 46,000.00
40	634.0420	Type C Advance Warning Arrow Panel	Each	1	\$ 1,400.00	\$ 1,400.00
41	120.6200	Water for Granular Material	MGal	7	\$ 1,400.00	\$ 9,800.00
42	260.1010	Aggregate Base Course	Ton	578	\$ 34.00	\$ 19,652.00
43	260.3010	Gravel Surfacing	Ton	1,126	\$ 44.00	\$ 49,544.00
44	320.1250	Asphalt Concrete for Patching	Ton	337	\$ 175.00	\$ 58,975.00
45	650.7000	Concrete Curb & Gutter Type SF66	Ft	349	\$ 65.00	\$ 22,685.00
46	651.0040	4" Concrete Sidewalk	SqFt	252	\$ 14.00	\$ 3,528.00
47	110.1700	Remove Silt Fence	Ft	342	\$ 3.00	\$ 1,026.00
48	730.0251	Special Permanent Seed Mixture 1	Lb	79	\$ 12.00	\$ 948.00
49	730.0300	Arterial and Collector Seed Mix	Lb	124	\$ 12.00	\$ 1,488.00
50	730.0302	Wetland Seed Mixture 1	Lb	303	\$ 24.00	\$ 7,272.00
51	731.0100	Fertilizing	Lb	921	\$ 1.00	\$ 921.00
52	731.0200	Weed Control	Sq Yd	17,785	\$ 0.05	\$ 889.25
53	731.0210	Weed Control - Project	LS	1	\$ 1,100.00	\$ 1,100.00
54	732.0100	Mulching	Ton	9	\$ 260.00	\$ 2,340.00
55	732.0300	Bonded Fiber Matrix	Ton	1.1	\$ 2,200.00	\$ 2,420.00
56	734.0105	Erosion Control Blanket	SqYd	2960	\$ 2.35	\$ 6,956.00
57	734.0160	12" Diameter Erosion Control Wattle	Ft	460	\$ 6.40	\$ 2,944.00
58	734.0601	Silt Fence	Ft	342	\$ 5.00	\$ 1,710.00
59	734.0610	Mucking Silt Fence	CuYd	11	\$ 30.00	\$ 330.00
60	734.0620	Repair Silt Fence	Ft	69	\$ 3.00	\$ 207.00
61	734.0850	Inlet Protection	Each	15	\$ 200.00	\$ 3,000.00
62	734.6001	Temporary Vehicle Tracking Control	Each	4	\$ 1,450.00	\$ 5,800.00
63	734.6006	Concrete Washout Area	Each	4	\$ 750.00	\$ 3,000.00

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64	Special	Remove Pipe Cap/Connect to Existing Force M	Each	1	\$ 2,500.00	\$ 2,500.00
65	120.7000	Select Granular Backfill	Ton	1,000	\$ 45.00	\$ 45,000.00
66	260.7010	Trench Stabilization Material	Ton	150	\$ 53.00	\$ 7,950.00
67	975.1000	Trenchless Construction	Ft	26,163	\$ 35.00	\$ 915,705.00
68	975.1200	Carrier Pipe	Ft	26,163	\$ 8.13	\$ 212,705.19
69	Special	4" Sanitary Force Main Pipe	Ft	289	\$ 95.00	\$ 27,455.00
70	Special	4" HDPE Sweep Elbow 45 Degree (molded)	Each	3	\$ 300.00	\$ 900.00
71	Special	4" Force Main Bedding Material	Ft	289	\$ 37.00	\$ 10,693.00
72	Special	60" Lined Manhole w/ Combination Air Valve	Each	15	\$ 45,000.00	\$ 675,000.00
73	Special	Force Main Concrete Encasement	Each	30	\$ 500.00	\$ 15,000.00
74	950.4800	4" Boots For Manhole	Each	1	\$ 300.00	\$ 300.00
75	950.5100	Connection Into Existing Manhole	Each	1	\$ 1,800.00	\$ 1,800.00
76	950.5120	Manhole Bench and Invert Reconstruct	Each	1	\$ 1,200.00	\$ 1,200.00
77	950.5200	Trench Dewatering	LS	1	\$ 32,000.00	\$ 32,000.00
78	950.5410	Temporary Manhole Protection	Each	15	\$ 130.00	\$ 1,950.00
79	950.5451	Sanitary Sewer Main Tracer Wire Terminal Box	Each	15	\$ 300.00	\$ 4,500.00
80	950.5600	Manhole Exfiltration/Vacuum Test	Each	15	\$ 500.00	\$ 7,500.00
81	Special	Pipe Hydrostatic Pressure Testing	Ft	26,871	\$ 0.50	\$ 13,435.50
82	950.5700	Locating Utility	Each	65	\$ 750.00	\$ 48,750.00
83	950.5710	Verify Utility	Each	65	\$ 570.00	\$ 37,050.00
84	950.5750	Sanitary Sewer Force Main Tracer Wire	Ft	27,181	\$ 0.50	\$ 13,590.50
85	975.1310	Bore Obstruction-Surface Excavation	Each	5	\$ 6,200.00	\$ 31,000.00
86	975.1400	Controlled Low Strength Material	CuYd	17	\$ 400.00	\$ 6,800.00
87	Special	Sanitary Sewer Access Bench	Each	5	\$ 5,700.00	\$ 28,500.00
88	Special	Leachate Pond Lift Station Modifications	LS	1	\$ 51,000.00	\$ 51,000.00
89	Special	Electrical, Controls, & Instrumentation - Pond Li	LS	1	\$ 62,000.00	\$ 62,000.00
90	Special	Valve House Piping Modifications	LS	1	\$ 70,000.00	\$ 70,000.00
91	Special	Electrical, Controls, & Instrumentation - Valve H	LS	1	\$ 79,000.00	\$ 79,000.00

TOTAL GROSS BID

Total Bid \$ 2,996,891.49