

2020 SANITARY SEWER CIPP LINING

Project: IMPROVEMENTS

Location: VARIOUS

A/E Firm: BANNER ASSOCIATES, INC.

Bid Estimate: \$ 830,000.00

H & W Contracting,

Bidder: LLC

3416 W. Hovland

Address: 2307 W. 57TH STREET, SUITE 102

Budget: \$ 499,452.00

Address: Drive

Sioux Falls, SD

City/State/Zip: SIOUX FALLS, SD 57108

Letting Date: 08/06/20

City/State/Zip: 57107

Phone No.: 855.323.6342

Time: 2:15 PM

Phone No.: 605.339.8834

Value of OFM: \$

Item No.	Std. Bid Item No.	Description	Unit	Quantity	Unit Price	Total Price
1	9.0010	Mobilization	LS	1	\$ 148,820.00	\$ 148,820.00
2	100.0100	Clearing	LS	1	\$ 2,500.00	\$ 2,500.00
3	634.0110	Traffic Control	SqFt	803	\$ 4.50	\$ 3,613.50
4	634.0120	Traffic Control, Miscellaneous	LS	1	\$ 7,500.00	\$ 7,500.00
5	634.0265	Type 3 Barricade, 6' Double Sided	Each	9	\$ 110.00	\$ 990.00
6	634.0285	Type 3 Barricade, 8' Double Sided	Each	41	\$ 110.00	\$ 4,510.00
7	634.0420	Type C Advance Warning Arrow Panel	Each	2	\$ 1,100.00	\$ 2,200.00
8	634.0700	Traffic Control Movable Concrete Barrier	Each	46	\$ 375.00	\$ 17,250.00
9	230.0020	Placing Contractor Furnished Topsoil	CuYd	197	\$ 30.00	\$ 5,910.00
10	730.0301	Quality Green Turf Mix	Lb	25	\$ 22.00	\$ 550.00
11	730.0252	Special Permanent Seed Mixture 2	Lb	8	\$ 55.00	\$ 440.00
12	731.0100	Fertilizing	Lb	63	\$ 1.10	\$ 69.30
13	120.6300	Water For Vegetation	Mgal	73	\$ 33.00	\$ 2,409.00
14	731.0200	Weed Control	SqYd	1,189	\$ 0.05	\$ 59.45
15	731.0210	Weed Control - Project	LS	1	\$ 440.00	\$ 440.00
16	732.0100	Fiber Mulching	Ton	0.4	\$ 2,200.00	\$ 880.00
17	732.0300	Bonded Fiber Matrix	Ton	0.3	\$ 3,666.50	\$ 1,099.95
18	734.0105	Erosion Control Blanket	SqYd	278	\$ 2.00	\$ 556.00
19	734.0601	Silt Fence	Ft	501	\$ 4.50	\$ 2,254.50
20	734.0850	Inlet Protection	Each	2	\$ 93.50	\$ 187.00
21	734.5010	Sweeping	Hour	16	\$ 120.00	\$ 1,920.00
22	734.6001	Temporary Vehicle Tracking Control	Each	1	\$ 600.00	\$ 600.00
23	950.5410	Temporary Manhole Protection	Each	5	\$ 150.00	\$ 750.00
24	110.0300	Remove Concrete Curb and Gutter	Ft	27	\$ 8.00	\$ 216.00
25	110.0520	Remove Sewer Pipe	Ft	280	\$ 12.00	\$ 3,360.00
26	110.1010	Remove Asphalt Concrete Pavement	SqYd	888	\$ 5.00	\$ 4,440.00
27	110.1100	Remove Concrete Pavement	SqYd	37	\$ 10.00	\$ 370.00
28	110.1461	Remove Sanitary Sewer Manhole	Each	17	\$ 1,000.00	\$ 17,000.00
29	SPECIAL	Remove Manhole Frame and Cone Section	Each	2	\$ 500.00	\$ 1,000.00
30	110.8100	Saw Existing Asphalt	Ft	849	\$ 5.00	\$ 4,245.00
31	110.8110	Saw Existing PCC Pavement	Ft	40	\$ 10.00	\$ 400.00
32	110.7800	Remove Chain Link Fence For Reset	Ft	78	\$ 22.00	\$ 1,716.00
33	SPECIAL	REMOVE AND RESET AREA INLET COVER	Each	1	\$ 500.00	\$ 500.00
34	120.0010	UNCLASSIFIED EXCAVATION	CY	507	\$ 15.00	\$ 7,605.00
35	120.0100	Unclassified Excavation, Digtouts	CuYd	100	\$ 15.00	\$ 1,500.00
36	120.0150	Unclassified Excavation, Grade Stabilization	CuYd	100	\$ 15.00	\$ 1,500.00
37	120.1150	Rock Excavation	CuYd	50	\$ 10.00	\$ 500.00
38	230.0020	Incidental Work, Grading	LS	1	\$ 5,000.00	\$ 5,000.00
39	831.0050	Geotextile Fabric For Subgrade Stabilization	SqYd	384	\$ 4.00	\$ 1,536.00
40	SPECIAL	6" Sanitary Sewer Pipe 8' to 10' Deep	Ft	7	\$ 62.00	\$ 434.00
41	SPECIAL	6" Sanitary Sewer Pipe 10' to 12' Deep	Ft	7	\$ 65.00	\$ 455.00
42	950.0100	8" Sanitary Sewer Pipe 0' to 6' Deep	Ft	14	\$ 68.00	\$ 952.00
43	950.0102	8" Sanitary Sewer Pipe 8' to 10' Deep	Ft	21	\$ 71.00	\$ 1,491.00
44	950.0103	8" Sanitary Sewer Pipe 10' to 12' Deep	Ft	49	\$ 75.00	\$ 3,675.00
45	950.0201	10" Sanitary Sewer Pipe 6' to 8' Deep	Ft	14	\$ 70.00	\$ 980.00
46	950.0202	10" Sanitary Sewer Pipe 8' to 10' Deep	Ft	21	\$ 80.00	\$ 1,680.00
47	950.0203	10" Sanitary Sewer Pipe 10' to 12' Deep	Ft	7	\$ 82.00	\$ 574.00
48	950.0205	10" Sanitary Sewer Pipe 14' to 16' Deep	Ft	7	\$ 84.00	\$ 588.00
49	950.0303	12" Sanitary Sewer Pipe 10' to 12' Deep	Ft	7	\$ 87.00	\$ 609.00
50	950.0305	12" Sanitary Sewer Pipe 14' to 16' Deep	Ft	7	\$ 89.00	\$ 623.00
51	950.0404	15" Sanitary Sewer Pipe 12' to 14' Deep	Ft	14	\$ 108.00	\$ 1,512.00
52	950.0405	15" Sanitary Sewer Pipe 14' to 16' Deep	Ft	28	\$ 110.00	\$ 3,080.00
53	SPECIAL	16" Sanitary Sewer Pipe 14' to 16' Deep	Ft	14	\$ 129.00	\$ 1,806.00
54	950.0500	18" Sanitary Sewer Pipe 0' to 6' Deep	Ft	35	\$ 152.00	\$ 5,320.00
55	950.0505	18" Sanitary Sewer Pipe 14' to 16' Deep	Ft	7	\$ 155.00	\$ 1,085.00
56	950.0700	24" Sanitary Sewer Pipe 0' to 6' Deep	Ft	7	\$ 201.00	\$ 1,407.00
57	SPECIAL	3" Force Main, 0-6' Deep	LF	7	\$ 63.00	\$ 441.00
58	SPECIAL	4" Force Main, 0-6' Deep	LF	7	\$ 64.00	\$ 448.00
59	SPECIAL	3" Force Main Pipe Bedding Material	Ft	7	\$ 4.00	\$ 28.00
60	SPECIAL	4" Force Main Pipe Bedding Material	Ft	7	\$ 4.00	\$ 28.00
61	SPECIAL	6" Sanitary Sewer Pipe Bedding Material	Ft	14	\$ 6.00	\$ 84.00
62	950.2000	8" Sanitary Sewer Pipe Bedding Material	Ft	84	\$ 7.00	\$ 588.00
63	950.2001	10" Sanitary Sewer Pipe Bedding Material	Ft	49	\$ 8.00	\$ 392.00

2020 SANITARY SEWER CIPP LINING

Project: IMPROVEMENTS

Location: VARIOUS

A/E Firm: BANNER ASSOCIATES, INC.

Bid Estimate: \$ 830,000.00

H & W Contracting,

Bidder: LLC

3416 W. Hovland

Address: 2307 W. 57TH STREET, SUITE 102

Budget: \$ 499,452.00

Address: Drive

Sioux Falls, SD

City/State/Zip: SIOUX FALLS, SD 57108

Letting Date: 08/06/20

City/State/Zip: 57107

Phone No.: 855.323.6342

Time: 2:15 PM

Phone No.: 605.339.8834

Value of OFM: \$

Item No.	Std. Bid Item No.	Description	Unit	Quantity	Unit Price	Total Price
64	950.2002	12" Sanitary Sewer Pipe Bedding Material	Ft	14	\$ 9.00	\$ 126.00
65	950.2003	15" Sanitary Sewer Pipe Bedding Material	Ft	42	\$ 10.00	\$ 420.00
66	SPECIAL	16" Sanitary Sewer Pipe Bedding Material	Ft	14	\$ 10.50	\$ 147.00
67	950.2004	18" Sanitary Sewer Pipe Bedding Material	Ft	42	\$ 11.00	\$ 462.00
68	950.2006	24" Sanitary Sewer Pipe Bedding Material	Ft	7	\$ 12.00	\$ 84.00
69	950.4000	48" Manhole 0'-6' Deep	Each	2	\$ 7,000.00	\$ 14,000.00
70	950.4002	48" Manhole 8'-10' Deep	Each	1	\$ 7,500.00	\$ 7,500.00
71	950.4101	48" Lined Manhole 6'-8' Deep (HDPE)	Each	1	\$ 9,000.00	\$ 9,000.00
72	950.4102	48" Lined Manhole 8'-10' Deep (HDPE)	Each	3	\$ 10,000.00	\$ 30,000.00
73	950.4103	48" Lined Manhole 10'-12' Deep (HDPE)	Each	2	\$ 10,500.00	\$ 21,000.00
74	950.4104	48" Lined Manhole 12'-14' Deep (HDPE)	Each	1	\$ 11,500.00	\$ 11,500.00
75	950.4105	48" Lined Manhole 14'-16' Deep (HDPE)	Each	3	\$ 13,000.00	\$ 39,000.00
76	950.4200	60" Lined Manhole 0'-6' Deep (HDPE)	Each	3	\$ 10,500.00	\$ 31,500.00
77	950.4205	60" Lined Manhole 14'-16' Deep (HDPE)	Each	1	\$ 18,000.00	\$ 18,000.00
78	SPECIAL	3" Boots For Manhole	Each	1	\$ 100.00	\$ 100.00
79	950.4800	4" Boots For Manhole	Each	1	\$ 100.00	\$ 100.00
80	950.4801	6" Boots For Manhole	Each	2	\$ 125.00	\$ 250.00
81	950.4802	8" Boots For Manhole	Each	15	\$ 175.00	\$ 2,625.00
82	950.4803	10" Boots For Manhole	Each	8	\$ 200.00	\$ 1,600.00
83	950.4804	12" Boots For Manhole	Each	2	\$ 215.00	\$ 430.00
84	950.4105	15" Boots For Manhole	Each	2	\$ 250.00	\$ 500.00
85	SPECIAL	16" Boots For Manhole	Each	2	\$ 275.00	\$ 550.00
86	950.4806	18" Boots For Manhole	Each	6	\$ 300.00	\$ 1,800.00
87	950.4808	24" Boots For Manhole	Each	1	\$ 350.00	\$ 350.00
88	950.5000	Adjust Manhole	Each	17	\$ 400.00	\$ 6,800.00
89	950.5001	Adjust Manhole - Asphalt Streets	Each	2	\$ 1,650.00	\$ 3,300.00
90	951.5500	Sanitary Sewer Pipe Insulation	Ft	70	\$ 12.00	\$ 840.00
91	950.5200	Trench Dewatering	LS	1	\$ 1.00	\$ 1.00
92	950.5250	Sanitary Sewer Temporary Bypass	LS	1	\$ 410,000.00	\$ 410,000.00
93	950.5300	Manhole Frame and Cover	Each	19	\$ 525.00	\$ 9,975.00
94	950.5320	Manhole External Frame Seal	Each	14	\$ 440.00	\$ 6,160.00
95	950.5401	Manhole Marker - Type 1	Each	13	\$ 125.00	\$ 1,625.00
96	950.5402	Manhole Marker - Type 2	Each	2	\$ 175.00	\$ 350.00
97	950.5600	Manhole Exfiltration/Vacuum Test	Each	19	\$ 250.00	\$ 4,750.00
98	950.5120	Manhole Bench and Invert Reconstruction	Each	5	\$ 1,925.00	\$ 9,625.00
99	SPECIAL	Fold-and-Form PVC Lining of 6" Perforated PVC	Ft	370	\$ 32.40	\$ 11,988.00
100	SPECIAL	CIPP Lining of 8" DIP Sanitary Sewer	Ft	115	\$ 34.60	\$ 3,979.00
101	SPECIAL	CIPP Lining of 8" CIP Sanitary Sewer	Ft	988	\$ 28.10	\$ 27,762.80
102	SPECIAL	CIPP Lining of 10" CIP Sanitary Sewer	Ft	1,060	\$ 29.20	\$ 30,952.00
103	SPECIAL	CIPP Lining of 15" CIP Sanitary Sewer	Ft	551	\$ 75.75	\$ 41,738.25
104	SPECIAL	CIPP Lining of 16" CIP Sanitary Sewer	Ft	192	\$ 81.00	\$ 15,552.00
105	SPECIAL	CIPP Lining of 18" CIP Sanitary Sewer	Ft	537	\$ 97.25	\$ 52,223.25
106	SPECIAL	CIPP Lining of 18" RCP Storm Sewer	Ft	114	\$ 205.20	\$ 23,392.80
107	SPECIAL	CIPP Lining of 12" VCP Sanitary Sewer	Ft	151	\$ 41.05	\$ 6,198.55
108	SPECIAL	CIPP Lining of 24" RCP Sanitary Sewer	Ft	158	\$ 405.00	\$ 63,990.00
109	SPECIAL	36" COMPOSITE LINER PIPE REHAB	Ft	22	\$ 270.00	\$ 5,940.00
110	SPECIAL	6" PRELINER	FT	370	\$ 4.90	\$ 1,813.00
111	SPECIAL	8" PRELINER	FT	1,103	\$ 6.50	\$ 7,169.50
112	SPECIAL	10" PRELINER	FT	1,060	\$ 7.00	\$ 7,420.00
113	SPECIAL	15" PRELINER	FT	551	\$ 7.60	\$ 4,187.60
114	SPECIAL	16" PRELINER	FT	192	\$ 7.60	\$ 1,459.20
115	SPECIAL	18" PRELINER	FT	537	\$ 8.65	\$ 4,645.05
116	SPECIAL	24" PRELINER	FT	158	\$ 13.50	\$ 2,133.00
117	SPECIAL	Chemical Grout 36" RCP Storm Sewer	Gal	30	\$ 270.00	\$ 8,100.00
118	SPECIAL	48" Composite Liner Manhole Rehab 6'-8' Deep	Each	1	\$ 3,300.00	\$ 3,300.00
119	SPECIAL	48" Composite Liner Manhole Rehab 12'-14' De	Each	2	\$ 4,950.00	\$ 9,900.00
120	SPECIAL	48" FRP Manhole Liner 20'-22' Deep	Each	1	\$ 25,000.00	\$ 25,000.00
121	SPECIAL	48" FRP Manhole Liner 28'-30' Deep	Each	1	\$ 30,000.00	\$ 30,000.00
122	SPECIAL	Epoxy Coated Concrete Bench	Each	2	\$ 2,500.00	\$ 5,000.00
123	SPECIAL	Cleaning 6" Perforated PVC Storm Sewer	Ft	370	\$ 1.60	\$ 592.00
124	SPECIAL	Cleaning 8" DIP Sanitary Sewer	Ft	115	\$ 1.60	\$ 184.00
125	SPECIAL	Cleaning 8" CIP Sanitary Sewer	Ft	988	\$ 1.60	\$ 1,580.80
126	SPECIAL	Cleaning 10" CIP Sanitary Sewer	Ft	1,060	\$ 1.60	\$ 1,696.00

2020 SANITARY SEWER CIPP LINING

Project: IMPROVEMENTS

Location: VARIOUS

A/E Firm: BANNER ASSOCIATES, INC.

Bid Estimate: \$ 830,000.00

H & W Contracting,

Bidder: LLC

3416 W. Hovland

Address: 2307 W. 57TH STREET, SUITE 102

Budget: \$ 499,452.00

Address: Drive

Sioux Falls, SD

City/State/Zip: SIOUX FALLS, SD 57108

Letting Date: 08/06/20

City/State/Zip: 57107

Phone No.: 855.323.6342

Time: 2:15 PM

Phone No.: 605.339.8834

Value of OFM: \$

Item No.	Std. Bid Item No.	Description	Unit	Quantity	Unit Price	Total Price
127	SPECIAL	Cleaning 15" CIP Sanitary Sewer	Ft	551	\$ 1.60	\$ 881.60
128	SPECIAL	Cleaning 16" CIP Sanitary Sewer	Ft	192	\$ 1.60	\$ 307.20
129	SPECIAL	Cleaning 18" CIP Sanitary Sewer	Ft	537	\$ 3.25	\$ 1,745.25
130	SPECIAL	Cleaning 18" RCP Storm Sewer	Ft	114	\$ 2.20	\$ 250.80
131	SPECIAL	Cleaning 12" VCP Sanitary Sewer	Ft	151	\$ 1.60	\$ 241.60
132	SPECIAL	Cleaning 24" RCP Sanitary Sewer	Ft	158	\$ 7.55	\$ 1,192.90
133	SPECIAL	Cleaning Vertical 36" RCP Storm Sewer	Ft	22	\$ 110.00	\$ 2,420.00
134	SPECIAL	Clean 48" Manhole for Lining	VF	86	\$ 110.00	\$ 9,460.00
135	SPECIAL	Root and Mineral Removal	Hour	43	\$ 216.00	\$ 9,288.00
136	SPECIAL	Remove Tie Bolts	Hrs	10	\$ 430.00	\$ 4,300.00
137	SPECIAL	Grind Protruding Service Tap	Each	2	\$ 325.00	\$ 650.00
138	SPECIAL	Dye Test	Each	2	\$ 540.00	\$ 1,080.00
139	SPECIAL	Plug Existing Sanitary Sewer Line	Each	1	\$ 500.00	\$ 500.00
140	SPECIAL	Pre-television Inspection	Ft	4,236	\$ 1.10	\$ 4,659.60
141	SPECIAL	Post-television Inspection	Ft	4,236	\$ 1.10	\$ 4,659.60
142	SPECIAL	Remove Manhole Steps	Each	7	\$ 550.00	\$ 3,850.00
143	SPECIAL	Service Reinstatement	Each	11	\$ 110.00	\$ 1,210.00
144	SPECIAL	2" PVC Drop Pipe	VF	9	\$ 50.00	\$ 450.00
145	SPECIAL	Continuous Fiber Optic Reading	LF	605	\$ 2.40	\$ 1,452.00
146	120.6200	Water For Granular Material	Mgal	12	\$ 95.00	\$ 1,140.00
147	260.1010	Aggregate Base Course	Ton	760	\$ 32.00	\$ 24,320.00
148	260.3010	Gravel Surfacing	Ton	278	\$ 20.00	\$ 5,560.00
149	260.6010	Granular Material	Ton	100	\$ 20.00	\$ 2,000.00
150	380.3041	9" PCC Driveway Pavement	SY	20.6	\$ 171.75	\$ 3,538.05
151	320.1250	Asphalt Concrete for Patching	Ton	360	\$ 135.50	\$ 48,780.00
152	380.4070	9" PCC Fillet Section	SY	4.7	\$ 243.00	\$ 1,142.10
153	380.6110	Insert Steel Bar in Concrete Pavement	Each	22	\$ 30.50	\$ 671.00
154	650.7000	Concrete Curb & Gutter Type SF66	Ft	27	\$ 65.00	\$ 1,755.00
155	650.8000	Concrete Valley Gutter 6" Thick	SY	11.6	\$ 119.00	\$ 1,380.40
156	621.0520	Reset Chain Link Fence	Ft	78	\$ 55.00	\$ 4,290.00

TOTAL GROSS BID

Total Bid \$ 1,470,218.60