

# Stage Run Improvements - Burnham Rd

Deadwood, South Dakota  
Preliminary Cost Estimate

February 26, 2021

KLJ Project No. 1916-02342



Bid Item	Item Description	Quantity	Unit	Unit Price	Total
1	Mobilization	1	LS	\$286,274.85	\$286,274.85
2	18" RCP Storm Sewer	1,000	LF	\$80.00	\$80,000.00
3	24" RCP Storm Sewer	500	LF	\$120.00	\$60,000.00
4	18" RCP Flared End Section With Cut-Off Wall	2	EA	\$1,500.00	\$3,000.00
5	24" RCP Flared End Section With Cut-Off Wall	2	EA	\$2,000.00	\$4,000.00
6	Type B Inlet	10	EA	\$3,500.00	\$35,000.00
7	RipRap	115	Ton	\$45.00	\$5,175.00
8	48" Sanitary Manhole	6	EA	\$4,200.00	\$25,200.00
9	8" SDR-35 Sanitary Main	2,500	LF	\$42.00	\$105,000.00
10	4" SDR-35 Sanitary Service Line	2,500	LF	\$35.00	\$87,500.00
11	4" Cleanout	50	EA	\$315.00	\$15,750.00
12	Connect to Existing Sewer Main	1	EA	\$1,500.00	\$1,500.00
13	Concrete Encasement	1	EA	\$1,200.00	\$1,200.00
14	Pipe Insulation	32	SF	\$7.00	\$224.00
15	6" C-900 RJ Water Main	200	LF	\$38.00	\$7,600.00
16	8" C-900 RJ Water Main	2,500	LF	\$40.00	\$100,000.00
17	8" High Deflection Coupling	6	EA	\$500.00	\$3,000.00
18	8" 22.5 Degree Bend	4	EA	\$625.00	\$2,500.00
19	8" 45 Degree Bend	2	EA	\$650.00	\$1,300.00
20	8" 90 Degree Bend	2	EA	\$675.00	\$1,350.00
21	8" Gate Valve	6	EA	\$2,100.00	\$12,600.00
22	Fire Hydrant W/Aux Valve	6	LS	\$5,775.00	\$34,650.00
23	8"x8"x6" Tee	6	EA	\$1,000.00	\$6,000.00
24	1" Poly Service Line	2,000	LF	\$27.00	\$54,000.00
25	1" Curb Stop & Box	50	EA	\$1,000.00	\$50,000.00
26	Tracer Wire Access Box - Large	2	EA	\$300.00	\$600.00
27	Tracer Wire Access Box - 2 Wire	8	EA	\$250.00	\$2,000.00
28	Flush Mounted Test Station	8	EA	\$450.00	\$3,600.00
29	Connect to Existing Water Main	1	EA	\$1,500.00	\$1,500.00
30	5" Asphalt Pavement	2,500	Ton	\$100.00	\$250,000.00
31	8" Base Course	4,250	Ton	\$28.00	\$119,000.00
32	Curb & Gutter - Type B	5,000	LF	\$30.00	\$150,000.00
33	Sidewalk	12,500	SF	\$6.00	\$75,000.00
34	Unclassified Excavation	40,000	CY	\$6.00	\$240,000.00
35	Rock Excavation	3,000	CY	\$16.00	\$48,000.00
36	Placing 4" Topsoil	4,000	CY	\$6.00	\$24,000.00
37	Seeding and Mulching	31,000	SY	\$0.70	\$21,700.00
38	Erosion Control Blanket - Type 2	1,000	SY	\$5.00	\$5,000.00
39	12" Erosion Control Wattles	9,000	LF	\$5.00	\$45,000.00
40	Sediment Control at Inlet with Frame & Grate	6	EA	\$150.00	\$900.00
41	Rock Construction Entrance	1	EA	\$1,500.00	\$1,500.00
42	Gravel Filter Sock	2	EA	\$125.00	\$250.00
43	Clearing & Grubbing	1	LS	\$10,000.00	\$10,000.00
44	Signs	1	EA	\$400.00	\$400.00
45	Traffic Control	1	LS	\$2,500.00	\$2,500.00
46	Construction Staking	1	LS	\$50,000.00	\$50,000.00
47	Street Lighting/Power	6	EA	\$15,000.00	\$90,000.00
48	Private Utilities, Gas, Power, Data	3,500	LF	\$16.00	\$56,000.00
49	Material Testing	1	LS	\$15,000.00	\$15,000.00

**Total Construction Cost      \$2,194,773.85**

Engineering 7%      \$153,634.17

Contingency 10%      \$219,477.39

**Total      \$2,567,885.40**