

CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #2
 ELK VALE LIFT STATION GRAVITY MAIN & FORCE MAIN UPGRADES
 18-2480 / CIP No. 50729
 MAY 10, 2022
 ORIGINAL CONTRACT AMOUNT: \$7,080,286.60
 CONTRACTOR: MAINLINE CONTRACTING, INC.

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
1	MOBILIZATION	LS	1.00	\$120,000.00	\$120,000.00	1.00	\$120,000.00	\$0.00
2	INCIDENTAL	LS	1.00	\$528,058.00	\$528,058.00	1.00	\$528,058.00	\$0.00
3	REESTABLISH PROPERTY CORNERS	EA	5.00	\$197.00	\$985.00	5.00	\$985.00	\$0.00
4	RAILROAD INSURANCE	EA	1.00	\$3,690.00	\$3,690.00	1.00	\$3,690.00	\$0.00
5	REMOVE MANHOLE	EA	1.00	\$1,415.00	\$1,415.00	1.00	\$1,415.00	\$0.00
6	REMOVE & SALVAGE FIRE HYDRANT, VALVE, AND BOX	EA	3.00	\$861.00	\$2,583.00	3.00	\$2,583.00	\$0.00
7	REMOVE TYPE B INLET	EA	2.00	\$553.00	\$1,106.00	2.00	\$1,106.00	\$0.00
8	REMOVE AC PAVEMENT	SY	1,989.00	\$13.50	\$26,851.50	1,989.00	\$26,851.50	\$0.00
9	REMOVE PCC PANEL	SY	225.00	\$37.00	\$8,325.00	225.00	\$8,325.00	\$0.00
10	REMOVE & REPLACE CONCRETE CURB & GUTTER	LF	400.00	\$48.00	\$19,200.00	400.00	\$19,200.00	\$0.00
11	REMOVE & REPLACE CONCRETE DRAIN PAN	SY	6.00	\$168.00	\$1,008.00	6.00	\$1,008.00	\$0.00
12	REMOVE & REPLACE CONCRETE FILLET	SY	54.00	\$176.00	\$9,504.00	54.00	\$9,504.00	\$0.00
13	REMOVE & REPLACE PCC SIDEWALK	SF	8,630.00	\$11.00	\$94,930.00	8,630.00	\$94,930.00	\$0.00
14	REMOVE & RESET FENCE	LF	3,346.00	\$3.50	\$11,711.00	3,346.00	\$11,711.00	\$0.00
15	REMOVE & RESET MAILBOX	EA	2.00	\$149.00	\$298.00	2.00	\$298.00	\$0.00
16	REMOVE TREE	EA	10.00	\$243.00	\$2,430.00	10.00	\$2,430.00	\$0.00
17	REMOVE AND REPLACE IRRIGATION SYSTEM	LS	1.00	\$1,230.00	\$1,230.00	1.00	\$1,230.00	\$0.00
18	REMOVE AND SALVAGE LIGHT POLE	EA	2.00	\$1,240.00	\$2,480.00	2.00	\$2,480.00	\$0.00
19	REMOVE AND RESET SIGN	EA	4.00	\$154.00	\$616.00	4.00	\$616.00	\$0.00
20	EXCAVATION, UNCLASSIFIED	CY	15,000.00	\$7.90	\$118,500.00	15,000.00	\$118,500.00	\$0.00
21	EMBANKMENT/COMPACTED FILL	CY	0.00	\$4.90	\$0.00	0.00	\$0.00	\$0.00
22	TOPSOIL, STOCKPILE & REPLACE	CY	5,500.00	\$12.00	\$66,000.00	5,500.00	\$66,000.00	\$0.00
23	SODDING	SY	2,200.00	\$6.80	\$14,960.00	2,200.00	\$14,960.00	\$0.00
24	SEEDING, FERTILIZING, & MULCHING	SY	154,164.00	\$0.25	\$38,541.00	154,164.00	\$38,541.00	\$0.00
25	RELOCATION OF EXISTING UNDERGROUND UTILITIES	LS	0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00
26	30" 14 G STEEL PIPE CASING AND BORE	LF	962.00	\$560.00	\$538,720.00	962.00	\$538,720.00	\$0.00
27	36" 14 G STEEL PIPE CASING & BORE	LF	100.00	\$675.00	\$67,500.00	100.00	\$67,500.00	\$0.00
28	SEWER AND WATER MAIN INSULATION	SF	1,700.00	\$3.40	\$5,780.00	1,700.00	\$5,780.00	\$0.00
29	CONTROLLED LOW STRENGTH BACKFILL MATERIAL (TRENCH)	CY	20.00	\$280.00	\$5,600.00	20.00	\$5,600.00	\$0.00
30	TYPE 1 BEDDING MATERIAL	T	0.00	\$16.00	\$0.00	0.00	\$0.00	\$0.00
31	TYPE III FOUNDATION MATERIAL	T	1,000.00	\$20.00	\$20,000.00	1,000.00	\$20,000.00	\$0.00
32	6" PVC SEWER MAIN	LF	0.00	\$75.00	\$0.00	0.00	\$0.00	\$0.00
32.1	6" PVC Sewer Main w/Bedding	LF	100.00	\$78.50	\$7,850.00	100.00	\$7,850.00	\$0.00
33	8" PVC SEWER MAIN (8-10')	LF	0.00	\$45.00	\$0.00	0.00	\$0.00	\$0.00

33.1	8" PVC Sewer Main (8-10') w/Bedding	LF	334.00	\$48.75	\$16,282.50	334.00	\$16,282.50	\$0.00
34	12" PVC SEWER MAIN (14'-16')	LF	0.00	\$144.00	\$0.00	0.00	\$0.00	\$0.00
34.1	12" PVC Sewer Main (14-16') w/Bedding	LF	10.00	\$148.00	\$1,480.00	10.00	\$1,480.00	\$0.00
35	INSTALL 24" PVC SEWER MAIN (0'-6')	LF	0.00	\$38.00	\$0.00	0.00	\$0.00	\$0.00
35.1	INSTALL 24" PVC Sewer Main (0-6') w/Bedding	LF	119.00	\$48.00	\$5,712.00	119.00	\$5,712.00	\$0.00
36	INSTALL 24" PVC SEWER MAIN (6'-8')	LF	0.00	\$39.00	\$0.00	0.00	\$0.00	\$0.00
36.1	INSTALL 24" PVC Sewer Main (6-8') w/Bedding	LF	357.00	\$49.00	\$17,493.00	357.00	\$17,493.00	\$0.00
37	INSTALL 24" PVC SEWER MAIN (8'-10')	LF	0.00	\$39.00	\$0.00	0.00	\$0.00	\$0.00
37.1	INSTALL 24" PVC Sewer Main (8-10') w/Bedding	LF	699.00	\$49.00	\$34,251.00	699.00	\$34,251.00	\$0.00
38	INSTALL 24" PVC SEWER MAIN (10'-12')	LF	0.00	\$41.50	\$0.00	0.00	\$0.00	\$0.00
38.1	INSTALL 24" PVC Sewer Main (10-12') w/Bedding	LF	746.00	\$51.50	\$38,419.00	746.00	\$38,419.00	\$0.00
39	INSTALL 24" PVC SEWER MAIN (12'-14')	LF	0.00	\$41.00	\$0.00	0.00	\$0.00	\$0.00
39.1	INSTALL 24" PVC Sewer Main (12-14') w/Bedding	LF	845.00	\$51.00	\$43,095.00	845.00	\$43,095.00	\$0.00
40	INSTALL 24" PVC SEWER MAIN (14'-16')	LF	0.00	\$46.50	\$0.00	0.00	\$0.00	\$0.00
40.1	INSTALL 24" PVC Sewer Main (14-16') w/Bedding	LF	577.00	\$56.50	\$32,600.50	577.00	\$32,600.50	\$0.00
41	INSTALL 24" PVC SEWER MAIN (16'-18')	LF	0.00	\$47.00	\$0.00	0.00	\$0.00	\$0.00
41.1	INSTALL 24" PVC Sewer Main (16-18') w/Bedding	LF	193.00	\$57.00	\$11,001.00	193.00	\$11,001.00	\$0.00
42	INSTALL 24" PVC SEWER MAIN (18'-20')	LF	0.00	\$55.00	\$0.00	0.00	\$0.00	\$0.00
42.1	INSTALL 24" PVC Sewer Main (18-20') w/Bedding	LF	70.00	\$65.00	\$4,550.00	70.00	\$4,550.00	\$0.00
43	INSTALL 24" PVC SEWER MAIN (20'-22')	LF	0.00	\$55.50	\$0.00	0.00	\$0.00	\$0.00
42.1	INSTALL 24" PVC Sewer Main (20-22') w/Bedding	LF	145.00	\$65.50	\$9,497.50	145.00	\$9,497.50	\$0.00
44	STANDARD MANHOLE, 48"	EA	1.00	\$8,100.00	\$8,100.00	1.00	\$8,100.00	\$0.00
45	STANDARD MANHOLE, 60"	EA	13.00	\$9,945.00	\$129,285.00	13.00	\$129,285.00	\$0.00
46	STANDARD MANHOLE, 108" (Full height as shown.)	EA	1.00	\$48,400.00	\$48,400.00	1.00	\$48,400.00	\$0.00
47	EXTRA MANHOLE DEPTH, 48"	VF	2.00	\$609.00	\$1,218.00	2.00	\$1,218.00	\$0.00
48	EXTRA MANHOLE DEPTH, 60"	VF	40.00	\$760.00	\$30,400.00	40.00	\$30,400.00	\$0.00
49	6" PVC SEWER CLEANOUT	EA	1.00	\$625.00	\$625.00	1.00	\$625.00	\$0.00
50	ABANDON SEWER SERVICE	EA	1.00	\$795.00	\$795.00	1.00	\$795.00	\$0.00
51	CONNECT TO EXISTING SEWER MAIN	EA	2.00	\$6,965.00	\$13,930.00	2.00	\$13,930.00	\$0.00
52	CONNECT NEW SEWER SERVICE	EA	1.00	\$4,330.00	\$4,330.00	1.00	\$4,330.00	\$0.00
53	CONNECT NEW MANHOLE	EA	1.00	\$5,160.00	\$5,160.00	1.00	\$5,160.00	\$0.00
54	BYPASS PUMPING	LS	1.00	\$28,070.00	\$28,070.00	1.00	\$28,070.00	\$0.00
55	6" PVC WATER MAIN C-900, DR 18, RESTRAINED JOINT	LF	0.00	\$179.00	\$0.00	0.00	\$0.00	\$0.00
55.1	6" PVC WATER MAIN C-900, DR 18, RESTRAINED JOINT w/bedding	LF	25.00	\$182.50	\$4,562.50	25.00	\$4,562.50	\$0.00
56	12" PVC WATER MAIN C-900, DR 18, RESTRAINED JOINT	LF	0.00	\$232.00	\$0.00	0.00	\$0.00	\$0.00
56.1	12" PVC WATER MAIN C-900, DR 18, RESTRAINED JOINT w/bedding	LF	20.00	\$236.00	\$4,720.00	20.00	\$4,720.00	\$0.00
57	16" 11.25 DEGREE BEND	EA	21.00	\$2,990.00	\$62,790.00	21.00	\$62,790.00	\$0.00
58	16" 22.5 DEGREE BEND	EA	15.00	\$2,955.00	\$44,325.00	15.00	\$44,325.00	\$0.00

59	16" 45 DEGREE BEND	EA	29.00	\$3,005.00	\$87,145.00	29.00	\$87,145.00	\$0.00
60	16" 90 DEGREE BEND	EA	8.00	\$3,200.00	\$25,600.00	8.00	\$25,600.00	\$0.00
61	16" HIGH DEFLECTION COUPLING	EA	22.00	\$2,675.00	\$58,850.00	22.00	\$58,850.00	\$0.00
62	24" X 16" REDUCER	EA	1.00	\$3,790.00	\$3,790.00	1.00	\$3,790.00	\$0.00
63	16" X 16" X 6" TEE	EA	1.00	\$4,180.00	\$4,180.00	1.00	\$4,180.00	\$0.00
64	24" X 16" X 24" WYE	EA	1.00	\$23,370.00	\$23,370.00	1.00	\$23,370.00	\$0.00
65	16" X 16" X 16" WYE	EA	1.00	\$5,410.00	\$5,410.00	1.00	\$5,410.00	\$0.00
66	FIRE HYDRANT W/AUX VALVE, BOX, AND LEAD	EA	3.00	\$9,495.00	\$28,485.00	3.00	\$28,485.00	\$0.00
67	6" PVC WATER SERVICE C-900/RJ	EA	0.00	\$96.50	\$0.00	0.00	\$0.00	\$0.00
67.1	6" PVC WATER SERVICE C-900/RJ w/bedding	LF	100.00	\$100.00	\$10,000.00	100.00	\$10,000.00	\$0.00
68	PIPE ANCHOR	EA	5.00	\$2,850.00	\$14,250.00	5.00	\$14,250.00	\$0.00
69	CATHODIC CONTROL ANODE, 30 LB - ZINC	EA	0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00
70	CORROSION PROTECTION TEST STATION	EA	32.00	\$610.00	\$19,520.00	32.00	\$19,520.00	\$0.00
71	TRACER WIRE ACCESS BOX - 2-WIRE	EA	56.00	\$448.00	\$25,088.00	56.00	\$25,088.00	\$0.00
72	TEMPORARY WATER SERVICE	LS	0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00
73	12" RCP, CLASS III	LF	20.00	\$83.50	\$1,670.00	20.00	\$1,670.00	\$0.00
74	18" RCP, CLASS III	LF	236.00	\$64.50	\$15,222.00	236.00	\$15,222.00	\$0.00
75	24" RCP, CLASS III	LF	74.00	\$72.50	\$5,365.00	74.00	\$5,365.00	\$0.00
76	18" RCP FLARED END	EA	2.00	\$1,365.00	\$2,730.00	2.00	\$2,730.00	\$0.00
77	24" RCP FLARED END	EA	2.00	\$1,595.00	\$3,190.00	2.00	\$3,190.00	\$0.00
78	18" RCP 22.5 BEND	EA	1.00	\$1,410.00	\$1,410.00	1.00	\$1,410.00	\$0.00
79	TYPE "B" INLET	EA	5.00	\$2,795.00	\$13,975.00	5.00	\$13,975.00	\$0.00
80	24" CMP	LF	20.00	\$75.00	\$1,500.00	20.00	\$1,500.00	\$0.00
81	24" CMP FLARED END	EA	2.00	\$746.00	\$1,492.00	2.00	\$1,492.00	\$0.00
82	30" CMP FLARED END	EA	1.00	\$992.00	\$992.00	1.00	\$992.00	\$0.00
83	CLASS 1 RIPRAP	CY	150.00	\$94.50	\$14,175.00	150.00	\$14,175.00	\$0.00
84	EROSION CONTROL BLANKET	SY	3,500.00	\$2.20	\$7,700.00	3,500.00	\$7,700.00	\$0.00
85	SILT FENCE	LF	6,200.00	\$4.60	\$28,520.00	6,200.00	\$28,520.00	\$0.00
86	ROCK CONSTRUCTION ENTRANCE	EA	10.00	\$1,545.00	\$15,450.00	10.00	\$15,450.00	\$0.00
87	12" WATTLES	LF	7,680.00	\$2.80	\$21,504.00	7,680.00	\$21,504.00	\$0.00
88	EROSION CONTROL, INLET PROTECTION	EA	20.00	\$123.00	\$2,460.00	20.00	\$2,460.00	\$0.00
89	CONCRETE WASHOUT AREA	EA	4.00	\$1,005.00	\$4,020.00	4.00	\$4,020.00	\$0.00
90	SWEEPING	HR	60.00	\$129.00	\$7,740.00	60.00	\$7,740.00	\$0.00
91	AGGREGATE BASE COURSE	T	600.00	\$42.50	\$25,500.00	600.00	\$25,500.00	\$0.00
92	GRAVEL SURFACING, PERMANENT	T	275.00	\$35.50	\$9,762.50	275.00	\$9,762.50	\$0.00
93	AC, CLASS G, TYPE 1, PG64-28	T	650.00	\$129.00	\$83,850.00	650.00	\$83,850.00	\$0.00
94	PCC PAVEMENT, 9" REINFORCED	SY	225.00	\$154.00	\$34,650.00	225.00	\$34,650.00	\$0.00
95	DETECTABLE WARNING PANEL	SF	74.00	\$92.50	\$6,845.00	74.00	\$6,845.00	\$0.00
96	REMOVE AND REPLACE LANDSCAPE ROCK, FABRIC, EDGING, AND PLANTS	EA	6.00	\$1,230.00	\$7,380.00	6.00	\$7,380.00	\$0.00
97	TEMPORARY FENCE	LF	3,346.00	\$3.10	\$10,372.60	3,346.00	\$10,372.60	\$0.00
98	RELOCATE LIGHT POLE	EA	0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00
99	PAVEMENT MARKING PAINT	LF	500.00	\$0.60	\$300.00	500.00	\$300.00	\$0.00
100	SIGN POST	LS	0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00
101	FLAGGING	HR	80.00	\$40.50	\$3,240.00	80.00	\$3,240.00	\$0.00
102	TRAFFIC CONTROL	UNIT	220.00	\$6.20	\$1,364.00	220.00	\$1,364.00	\$0.00
103	TRAFFIC CONTROL MISCELLANEOUS	LS	1.00	\$11,690.00	\$11,690.00	1.00	\$11,690.00	\$0.00
104	TYPE III BARRICADE	EA	12.00	\$80.00	\$960.00	12.00	\$960.00	\$0.00

105	FLAGGING	HR	240.00	\$40.50	\$9,720.00	240.00	\$9,720.00	\$0.00
106	PORTABLE CHANGEABLE MESSAGE BOARD	EA	2.00	\$3,505.00	\$7,010.00	2.00	\$7,010.00	\$0.00
107	PORTABLE PRECAST CONCRETE BARRIERS	EA	15.00	\$387.00	\$5,805.00	15.00	\$5,805.00	\$0.00
108	TL2/TL3 ATTENUATOR ASSEMBLY	EA	40.00	\$354.00	\$14,160.00	40.00	\$14,160.00	\$0.00
109	PROTECT SIGNAL MAST (HOMESTEAD)	LS	1.00	\$11,860.00	\$11,860.00	1.00	\$11,860.00	\$0.00
110	RELOCATE SIGNAL EQUIPMENT	LS	0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00
111	VORTEX TRANSITION MANHOLE AND CHECK VALVE VAULT	LS	1.00	\$223,450.00	\$223,450.00	1.00	\$223,450.00	\$0.00
112	AIR RELEASE VALVE VAULT	EA	9.00	\$63,960.00	\$575,640.00	9.00	\$575,640.00	\$0.00
113	DRAIN VAULT	EA	3.00	\$66,390.00	\$199,170.00	3.00	\$199,170.00	\$0.00
114	TYPE IV FOUNDATION MATERIAL	T	1,000.00	\$23.50	\$23,500.00	1,000.00	\$23,500.00	\$0.00
115	INSTALL 24" PVC SEWER MAIN, RESTRAINED JOINT PVC	LF	100.00	\$89.50	\$8,950.00	100.00	\$8,950.00	\$0.00
116	FURNISH 24" PVC SEWER MAIN, RESTRAINED JOINT PVC	LF	100.00	\$223.00	\$22,300.00	100.00	\$22,300.00	\$0.00
117	FURNISH 24" PVC SEWER MAIN	LF	3,751.00	\$76.00	\$285,076.00	3,751.00	\$285,076.00	\$0.00
118	FURNISH 24" PVC SEWER MAIN (6'- 8')	LF	0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00
119	FURNISH 24" PVC SEWER MAIN (8'-10')	LF	0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00
120	FURNISH 24" PVC SEWER MAIN (10'-12')	LF	0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00
121	FURNISH 24" PVC SEWER MAIN (12'-14')	LF	0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00
122	FURNISH 24" PVC SEWER MAIN (14'-16')	LF	0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00
123	FURNISH 24" PVC SEWER MAIN (16'-18')	LF	0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00
124	FURNISH 24" PVC SEWER MAIN (18'-20')	LF	0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00
125	FURNISH 24" PVC SEWER MAIN (20'-22')	LF	0.00	\$0.00	\$0.00	0.00	\$0.00	\$0.00
126	16" GATE VALVE W/ BOX	EA	2.00	\$10,890.00	\$21,780.00	2.00	\$21,780.00	\$0.00
127	CCO 1 - Concrete Barrier Safety End	EA	2.00	\$5,000.00	\$10,000.00	2.00	\$10,000.00	\$0.00
128	CCO 1 - 24" x 6" PVC Sewer Service Tee	EA	1.00	\$4,500.00	\$4,500.00	1.00	\$4,500.00	\$0.00
129	CCO 1 - 6" Cap	EA	1.00	\$550.00	\$550.00	1.00	\$550.00	\$0.00
130	CCO 1 - 8" x 6" TEE	EA	2.00	\$1,250.00	\$2,500.00	2.00	\$2,500.00	\$0.00
131	CCO 1 - 8" Coupler	EA	4.00	\$950.00	\$3,800.00	4.00	\$3,800.00	\$0.00
132	CCO 1 - 8" PVC Watermain w/bedding	LF	20.00	\$205.00	\$4,100.00	20.00	\$4,100.00	\$0.00
133	CCO 1 - 10" Coupler	EA	2.00	\$1,250.00	\$2,500.00	2.00	\$2,500.00	\$0.00
134	CCO 1 - 10" x 6" TEE	EA	1.00	\$1,850.00	\$1,850.00	1.00	\$1,850.00	\$0.00
135	CCO 1 - Grading Gravel Access Road	LS	1.00	\$12,500.00	\$12,500.00	1.00	\$12,500.00	\$0.00
136	CCO 2 - Additional Trench Excavation	CY		\$7.90	\$0.00	1,150.00	\$9,085.00	\$9,085.00
137	CCO 2 - 2" Rigid Conduit, SCH 40	LF		\$12.00	\$0.00	250.00	\$3,000.00	\$3,000.00
138	CCO 2 - 1/C #10 AWG Copper Wire - Tracer Wire	LF		\$1.25	\$0.00	250.00	\$312.50	\$312.50
139	CCO 2 - 6" 45 Degree Bend	EA		\$800.00	\$0.00	1.00	\$800.00	\$800.00
140	CCO 2 - 8" 45 Degree Bend	EA		\$1,050.00	\$0.00	1.00	\$1,050.00	\$1,050.00
141	CCO 2 - 8" Cap	EA		\$950.00	\$0.00	1.00	\$950.00	\$950.00
142	CCO 2 - Remove 30" RCP	LF		\$30.00	\$0.00	32.00	\$960.00	\$960.00
143	CCO 2 - 30" RCP Concrete Collar	EA		\$1,150.00	\$0.00	1.00	\$1,150.00	\$1,150.00
144	CCO 2 - 30" RCP	LF		\$120.00	\$0.00	32.00	\$3,840.00	\$3,840.00
145	CCO 2 - Remove 12" RCP	LF		\$20.00	\$0.00	24.00	\$480.00	\$480.00
146	CCO 2 - 8" SDR 35 Sewer Cap	EA		\$350.00	\$0.00	1.00	\$350.00	\$350.00
147	CCO 2 - Discover Circle Electrical Repair	LS		\$415.00	\$0.00	1.00	\$415.00	\$415.00
148	CCO 2 - 8" DI 90 Degree Bend	EA		\$2,150.00	\$0.00	2.00	\$4,300.00	\$4,300.00
149	CCO 2- Exploratory Excavation	HR		\$325.00	\$0.00	10.00	\$3,250.00	\$3,250.00

	BID ALTERNATE 2							
ALT 2-1	INSTALL 16" PVC SEWER FORCEMAIN, RESTRAINED JOINT PVC, DR 25	LF	0.00	\$39.50	\$0.00	0.00	\$0.00	\$0.00
ALT 2-1.1	INSTALL 16" PVC SEWER FORCEMAIN, RESTRAINED JOINT PVC, DR 25 W/BEDDING	LF	22,200.00	\$49.80	\$1,105,560.00	22,200.00	\$1,105,560.00	\$0.00
ALT 2-2	FURNISH 16" PVC SEWER FORCEMAIN, RESTRAINED JOINT PVC, DR 25	LF	22,200.00	\$70.50	\$1,565,100.00	22,200.00	\$1,565,100.00	\$0.00
	BID ALTERNATE 3							
ALT 3-1	LIFT STATION INTERIOR PROCESS PIPE AND VALVE IMP.	LS	1.00	\$225,000.00	\$225,000.00	1.00	\$225,000.00	\$0.00
					\$7,318,061.60		\$7,348,004.10	\$29,942.50

C.C.O. HISTORY INCREASE/(DECREASE)		PRIOR ADJUSTED CONTRACT PRICE :	\$7,318,061.60
CCO #1	\$237,775.00	NET INCREASE/(DECREASE):	\$29,942.50
CCO #2	\$29,942.50	ADJUSTED CONTRACT PRICE:	\$7,348,004.10
	\$0.00	CHANGE TO DATE:	\$267,717.50

 CONTRACTOR: Ben Haggerty	MAINLINE CONTRACTING, INC.	11 MAY 2022	DATE
 PROJECT MANAGER: ROGER HALL, P.E.		5/12/22	DATE
 INTERIM CITY ENGINEER: ROGER HALL, P.E.		5/12/22	DATE
MAYOR: STEVE ALLENDER			DATE
FINANCE: PAULINE SUMPTION			DATE
CONTRACT TIME CHANGE +/-: 0	NEW CONTRACT TIME:	Days	

City Staff recommends approval of this Change Order #2 to Mainline Contracting for an increase of \$29,942.50 based on unit pricing with the following appropriation:

Initial Funding	\$7,080,286.60				\$7,080,286.60
Fund Type	Sanitary Sewer				
Department	0834				
Line Item	4380				
Fund	0604				
CCO #1	\$237,775.00				\$237,775.00
CCO #2	\$29,942.50				\$29,942.50
					\$0.00
Adjusted Funding	\$7,348,004.10			\$7,348,004.10	\$7,348,004.10

CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #2
ELK VALE LIFT STATION GRAVITY MAIN & FORCE MAIN UPGRADES
 18-2480 / CIP No. 50729
 MAY 10, 2022
 ORIGINAL CONTRACT AMOUNT: \$7,080,286.60
 CONTRACTOR: MAINLINE CONTRACTING, INC.

LINE ITEM	DESCRIPTION	REASON FOR CHANGE
137	CCO 2 - 2" Rigid Conduit, SCH 40	This scope of work added to contract, original contract indicated this work owner's responsibility
138	CCO 2 - 1/C #10 AWG Copper Wire - Tracer Wire	This scope of work added to contract, original contract indicated this work owner's responsibility
139	CCO 2 - 6" 45 Degree Bend	Watermain fittings not in original contract
140	CCO 2 - 8" 45 Degree Bend	Watermain fittings not in original contract
141	CCO 2 - 8" Cap	Watermain fittings not in original contract
142	CCO 2 - Remove 30" RCP	This scope of work added to contract, original contract indicated this work owner's responsibility; 30" RCP Drain was not shown on plans to remove replace. Located in I-90 Bore Exit Pit.
143	CCO 2 - 30" RCP Concrete Collar	This scope of work added to contract, original contract indicated this work owner's responsibility; 30" RCP Drain was not shown on plans to remove replace. Located in I-90 Bore Exit Pit.
144	CCO 2 - 30" RCP	This scope of work added to contract, original contract indicated this work owner's responsibility
145	CCO 2 - Remove 12" RCP	This scope of work added to contract, original contract indicated this work owner's responsibility; Removal of 12" RCP Storm Drain not shown on the north side of Anamosa St. crossing
146	CCO 2 - 8" SDR 35 Sewer Cap	This scope of work added to contract, original contract indicated this work owner's responsibility; 8" Sewer Cap for SMH 7 not shown on plans
147	CCO 2 - Discover Circle Electrical Repair	Parking Lot Lighting Conduit was mis-located. Work included repairing damage to lines. Lines were terminated and capped per direction of Discover Center tenant and City of Rapid City
148	CCO 2 - 8" DI 90 Degree Bend	Chain Wheel actuators conflicted with piping per original design in the Elk Vale Lift Station. Piping was modified and added 2-8inch Ductile Iron 90 Degree Bends per AE2S.
149	CCO 2- Exploratory Excavation	Required to locate previously undefined underground utility locations to ensure proper clearance for new installation

PREPARED BY: Roger Hall

DATE: May 10, 2022

FUNDING TYPE		Sanitary Sewer	
COST CENTER		0834	
LINE ITEM		4380	
FUND		0604	
ITEM NO.	DESCRIPTION OF ITEM	AMOUNT	PERCENT
1	MOBILIZATION	0.00	100%
2	INCIDENTAL	0.00	100%
3	REESTABLISH PROPERTY CORNERS	0.00	100%
4	RAILROAD INSURANCE	0.00	100%
5	REMOVE MANHOLE	0.00	100%
6	REMOVE & SALVAGE FIRE HYDRANT, VALVE, AND BOX	0.00	100%
7	REMOVE TYPE B INLET	0.00	100%
8	REMOVE AC PAVEMENT	0.00	100%
9	REMOVE PCC PANEL	0.00	100%
10	REMOVE & REPLACE CONCRETE CURB & GUTTER	0.00	100%
11	REMOVE & REPLACE CONCRETE DRAIN PAN	0.00	100%
12	REMOVE & REPLACE CONCRETE FILLET	0.00	100%
13	REMOVE & REPLACE PCC SIDEWALK	0.00	100%
14	REMOVE & RESET FENCE	0.00	100%
15	REMOVE & RESET MAILBOX	0.00	100%
16	REMOVE TREE	0.00	100%
17	REMOVE AND REPLACE IRRIGATION SYSTEM	0.00	100%
18	REMOVE AND SALVAGE LIGHT POLE	0.00	100%
19	REMOVE AND RESET SIGN	0.00	100%
20	EXCAVATION, UNCLASSIFIED	0.00	100%
21	EMBANKMENT/COMPACTED FILL	0.00	100%
22	TOPSOIL, STOCKPILE & REPLACE	0.00	100%
23	SODDING	0.00	100%
24	SEEDING, FERTILIZING, & MULCHING	0.00	100%
25	RELOCATION OF EXISTING UNDERGROUND UTILITIES	0.00	100%
26	30" 14 G STEEL PIPE CASING AND BORE	0.00	100%
27	36" 14 G STEEL PIPE CASING & BORE	0.00	100%
28	SEWER AND WATER MAIN INSULATION	0.00	100%
29	CONTROLLED LOW STRENGTH BACKFILL MATERIAL (TRENCH)	0.00	100%
30	TYPE 1 BEDDING MATERIAL	0.00	100%
31	TYPE III FOUNDATION MATERIAL	0.00	100%
32	6" PVC SEWER MAIN	0.00	100%
32.1	6" PVC Sewer Main w/Bedding	0.00	100%
33	8" PVC SEWER MAIN (8-10')	0.00	100%

33.1	8" PVC Sewer Main (8-10') w/Bedding	0.00	100%
34	12" PVC SEWER MAIN (14' - 16')	0.00	100%
34.1	12" PVC Sewer Main (14-16') w/Bedding	0.00	100%
35	INSTALL 24" PVC SEWER MAIN (0'- 6')	0.00	100%
35.1	INSTALL 24" PVC Sewer Main (0-6') w/Bedding	0.00	100%
36	INSTALL 24" PVC SEWER MAIN (6'- 8')	0.00	100%
36.1	INSTALL 24" PVC Sewer Main (6-8') w/Bedding	0.00	100%
37	INSTALL 24" PVC SEWER MAIN (8'-10')	0.00	100%
37.1	INSTALL 24" PVC Sewer Main (8-10') w/Bedding	0.00	100%
38	INSTALL 24" PVC SEWER MAIN (10'-12')	0.00	100%
38.1	INSTALL 24" PVC Sewer Main (10-12') w/Bedding	0.00	100%
39	INSTALL 24" PVC SEWER MAIN (12'-14')	0.00	100%
39.1	INSTALL 24" PVC Sewer Main (12-14') w/Bedding	0.00	100%
40	INSTALL 24" PVC SEWER MAIN (14'-16')	0.00	100%
40.1	INSTALL 24" PVC Sewer Main (14-16') w/Bedding	0.00	100%
41	INSTALL 24" PVC SEWER MAIN (16'-18')	0.00	100%
41.1	INSTALL 24" PVC Sewer Main (16-18') w/Bedding	0.00	100%
42	INSTALL 24" PVC SEWER MAIN (18'-20')	0.00	100%
42.1	INSTALL 24" PVC Sewer Main (18-20') w/Bedding	0.00	100%
43	INSTALL 24" PVC SEWER MAIN (20'-22')	0.00	100%
43.1	INSTALL 24" PVC Sewer Main (20-22') w/Bedding	0.00	100%
44	STANDARD MANHOLE, 48"	0.00	100%
45	STANDARD MANHOLE, 60"	0.00	100%
46	STANDARD MANHOLE, 108" (Full height as shown.)	0.00	100%
47	EXTRA MANHOLE DEPTH, 48"	0.00	100%
48	EXTRA MANHOLE DEPTH, 60"	0.00	100%
49	6" PVC SEWER CLEANOUT	0.00	100%
50	ABANDON SEWER SERVICE	0.00	100%
51	CONNECT TO EXISTING SEWER MAIN	0.00	100%
52	CONNECT NEW SEWER SERVICE	0.00	100%
53	CONNECT NEW MANHOLE	0.00	100%
54	BYPASS PUMPING	0.00	100%
55	6" PVC WATER MAIN C-900, DR 18, RESTRAINED JOINT	0.00	100%
55.1	6" PVC WATER MAIN C-900, DR 18, RESTRAINED JOINT w/bedding	0.00	100%
56	12" PVC WATER MAIN C-900, DR 18, RESTRAINED JOINT	0.00	100%
56.1	12" PVC WATER MAIN C-900, DR 18, RESTRAINED JOINT w/bedding	0.00	100%
57	16" 11.25 DEGREE BEND	0.00	100%
58	16" 22.5 DEGREE BEND	0.00	100%

59	16" 45 DEGREE BEND	0.00	100%
60	16" 90 DEGREE BEND	0.00	100%
61	16" HIGH DEFLECTION COUPLING	0.00	100%
62	24" X 16" REDUCER	0.00	100%
63	16" X 16" X 6" TEE	0.00	100%
64	24" X 16" X 24" WYE	0.00	100%
65	16" X 16" X 16" WYE	0.00	100%
66	FIRE HYDRANT W/AUX VALVE, BOX, AND LEAD	0.00	100%
67	6" PVC WATER SERVICE C-900/RJ	0.00	100%
67.1	6" PVC WATER SERVICE C-900/RJ w/bedding	0.00	100%
68	PIPE ANCHOR	0.00	100%
69	CATHODIC CONTROL ANODE, 30 LB - ZINC	0.00	100%
70	CORROSION PROTECTION TEST STATION	0.00	100%
71	TRACER WIRE ACCESS BOX - 2-WIRE	0.00	100%
72	TEMPORARY WATER SERVICE	0.00	100%
73	12" RCP, CLASS III	0.00	100%
74	18" RCP, CLASS III	0.00	100%
75	24" RCP, CLASS III	0.00	100%
76	18" RCP FLARED END	0.00	100%
77	24" RCP FLARED END	0.00	100%
78	18" RCP 22.5 BEND	0.00	100%
79	TYPE "B" INLET	0.00	100%
80	24" CMP	0.00	100%
81	24" CMP FLARED END	0.00	100%
82	30" CMP FLARED END	0.00	100%
83	CLASS 1 RIPRAP	0.00	100%
84	EROSION CONTROL BLANKET	0.00	100%
85	SILT FENCE	0.00	100%
86	ROCK CONSTRUCTION ENTRANCE	0.00	100%
87	12" WATTLES	0.00	100%
88	EROSION CONTROL, INLET PROTECTION	0.00	100%
89	CONCRETE WASHOUT AREA	0.00	100%
90	SWEEPING	0.00	100%
91	AGGREGATE BASE COURSE	0.00	100%
92	GRAVEL SURFACING, PERMANENT	0.00	100%
93	AC, CLASS G, TYPE 1, PG64-28	0.00	100%
94	PCC PAVEMENT, 9" REINFORCED	0.00	100%
95	DETECTABLE WARNING PANEL	0.00	100%
96	REMOVE AND REPLACE LANDSCAPE ROCK, FABRIC, EDGING, AND PLANTS	0.00	100%
97	TEMPORARY FENCE	0.00	100%
98	RELOCATE LIGHT POLE	0.00	100%
99	PAVEMENT MARKING PAINT	0.00	100%
100	SIGN POST	0.00	100%
101	FLAGGING	0.00	100%
102	TRAFFIC CONTROL	0.00	100%
103	TRAFFIC CONTROL MISCELLANEOUS	0.00	100%
104	TYPE III BARRICADE	0.00	100%

105	FLAGGING	0.00	100%
106	PORTABLE CHANGEABLE MESSAGE BOARD	0.00	100%
107	PORTABLE PRECAST CONCRETE BARRIERS	0.00	100%
108	TL2/TL3 ATTENUATOR ASSEMBLY	0.00	100%
109	PROTECT SIGNAL MAST (HOMESTEAD)	0.00	100%
110	RELOCATE SIGNAL EQUIPMENT	0.00	100%
111	VORTEX TRANSITION MANHOLE AND CHECK VALVE VAULT	0.00	100%
112	AIR RELEASE VALVE VAULT	0.00	100%
113	DRAIN VAULT	0.00	100%
114	TYPE IV FOUNDATION MATERIAL	0.00	100%
115	INSTALL 24" PVC SEWER MAIN, RESTRAINED JOINT PVC	0.00	100%
116	FURNISH 24" PVC SEWER MAIN, RESTRAINED JOINT PVC	0.00	100%
117	FURNISH 24" PVC SEWER MAIN	0.00	100%
118	FURNISH 24" PVC SEWER MAIN (6'- 8')	0.00	100%
119	FURNISH 24" PVC SEWER MAIN (8'-10')	0.00	100%
120	FURNISH 24" PVC SEWER MAIN (10'-12')	0.00	100%
121	FURNISH 24" PVC SEWER MAIN (12'-14')	0.00	100%
122	FURNISH 24" PVC SEWER MAIN (14'-16')	0.00	100%
123	FURNISH 24" PVC SEWER MAIN (16'-18')	0.00	100%
124	FURNISH 24" PVC SEWER MAIN (18'-20')	0.00	100%
125	FURNISH 24" PVC SEWER MAIN (20'-22')	0.00	100%
126	16" GATE VALVE W/ BOX	0.00	100%
127	CCO 1 - Concrete Barrier Safety End	0.00	100%
128	CCO 1 - 24" x 6" PVC Sewer Service Tee	0.00	100%
129	CCO 1 - 6" Cap	0.00	100%
130	CCO 1 - 8" x 6" TEE	0.00	100%
131	CCO 1 - 8" Coupler	0.00	100%
132	CCO 1 - 8" PVC Watermain w/bedding	0.00	100%
133	CCO 1 - 10" Coupler	0.00	100%
134	CCO 1 - 10" x 6" TEE	0.00	100%
135	CCO 1 - Grading Gravel Access Road	0.00	100%
136	CCO 2 - Additional Trench Excavation	9,085.00	100%
137	CCO 2 - 2" Rigid Conduit, SCH 40	3,000.00	100%
138	CCO 2 - 1/C #10 AWG Copper Wire - Tracer Wire	312.50	100%
139	CCO 2 - 6" 45 Degree Bend	800.00	100%
140	CCO 2 - 8" 45 Degree Bend	1,050.00	100%
141	CCO 2 - 8" Cap	950.00	100%
142	CCO 2 - Remove 30" RCP	960.00	100%
143	CCO 2 - 30" RCP Concrete Collar	1,150.00	100%
144	CCO 2 - 30" RCP	3,840.00	100%
145	CCO 2 - Remove 12" RCP	480.00	100%
146	CCO 2 - 8" SDR 35 Sewer Cap	350.00	100%
147	CCO 2 - Discover Circle Electrical Repair	415.00	100%
148	CCO 2 - 8" DI 90 Degree Bend	4,300.00	100%
149	CCO 2- Exploratory Excavation	3,250.00	100%

ALT 2-1	INSTALL 16" PVC SEWER FORCEMAIN, RESTRAINED JOINT PVC, DR 25	0.00	100%
ALT 2-1.1	INSTALL 16" PVC SEWER FORCEMAIN, RESTRAINED JOINT PVC, DR 25 W/BEDDING	0.00	100%
ALT 2-2	FURNISH 16" PVC SEWER FORCEMAIN, RESTRAINED JOINT PVC, DR 25	0.00	100%
ALT 3-1	LIFT STATION INTERIOR PROCESS PIPE AND VALVE IMP.	0.00	100%
		\$29,942.50	