

CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #1F
HEIGHTS DRIVE SANITARY SEWER EXTENSION
PROJECT NO. SS09-1831 / CIP NO. 50777
NOVEMBER 4, 2011
ORIGINAL CONTRACT AMOUNT: \$894,827.90
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	4,800.00	\$4,800.00	1.00	\$4,800.00	\$0.00
2	Incidental	LS	1.00	55,000.00	\$55,000.00	1.00	\$55,000.00	\$0.00
3	Construction Staking	LS	1.00	6,300.00	\$6,300.00	1.00	\$6,300.00	\$0.00
4	Clearing and Grubbing	LS	1.00	4,300.00	\$4,300.00	1.00	\$4,300.00	\$0.00
5	Remove Gravel Surfacing	SY	29.00	20.00	\$580.00	29.00	\$580.00	\$0.00
6	Sawing, Asphalt Pavement	LF	476.00	1.60	\$761.60	667.00	\$1,067.20	\$305.60
7	Remove AC Pavement	SY	753.00	2.60	\$1,957.80	577.20	\$1,500.72	(\$457.08)
8	Remove PCC Driveway Pavement	SY	120.00	5.00	\$600.00	140.00	\$700.00	\$100.00
9	Remove Tree	EA	18.00	175.00	\$3,150.00	22.00	\$3,850.00	\$700.00
10	AASHTO T-180 Soil Test	EA	6.00	120.00	\$720.00	2.00	\$240.00	(\$480.00)
11	Topsoil, Stockpile & Replace	CY	175.00	20.00	\$3,500.00	175.00	\$3,500.00	\$0.00
12	Sodding	SY	1,625.00	7.00	\$11,375.00	1,022.00	\$7,154.00	(\$4,221.00)
13	Hauling & Placing Co-Compost	TON	16.00	50.00	\$800.00	36.00	\$1,800.00	\$1,000.00
14	Irrigated Lawn Mix	SY	2,813.00	1.50	\$4,219.50	6,189.00	\$9,283.50	\$5,064.00
15	Excavation, Rock (Trench)	CY	1,774.00	5.00	\$8,870.00	35.77	\$178.85	(\$8,691.15)
16	Imported Backfill Material (Trench)	CY	50.00	10.00	\$500.00	0.00	\$0.00	(\$500.00)
17	Type I Bedding Material	TON	30.00	15.00	\$450.00	126.60	\$1,899.00	\$1,449.00
18	Type II Foundation Material	TON	30.00	25.00	\$750.00	96.93	\$2,423.25	\$1,673.25
19	Type III Foundation Material	TON	30.00	25.00	\$750.00	25.80	\$645.00	(\$105.00)
20	8" PVC Sewer Main (0' - 6')	LF	296.00	21.00	\$6,216.00	296.00	\$6,216.00	\$0.00
21	8" PVC Sewer Main (6' - 8')	LF	795.00	22.00	\$17,490.00	763.00	\$16,786.00	(\$704.00)
22	8" PVC Sewer Main (8' - 10')	LF	411.00	24.00	\$9,864.00	412.00	\$9,888.00	\$24.00
23	8" PVC Sewer Main (10' - 12')	LF	49.00	25.00	\$1,225.00	49.00	\$1,225.00	\$0.00
24	8" PVC Sewer Main (12' - 14')	LF	71.00	30.00	\$2,130.00	71.00	\$2,130.00	\$0.00
25	8" PVC Sewer Main (14' - 16')	LF	96.00	33.00	\$3,168.00	96.00	\$3,168.00	\$0.00
26	8" Certa-Lok C900/RJ (0' - 6')	LF	54.00	35.00	\$1,890.00	54.00	\$1,890.00	\$0.00
27	8" Certa-Lok C900/RJ (6' - 8')	LF	40.00	37.00	\$1,480.00	40.00	\$1,480.00	\$0.00
28	8" Certa-Lok C900/RJ (8' - 10')	LF	33.00	38.00	\$1,254.00	33.00	\$1,254.00	\$0.00

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
29	8" Certa-Lok C900/RJ (10' - 12')	LF	30.00	40.00	\$1,200.00	30.00	\$1,200.00	\$0.00
30	8" Certa-Lok C900/RJ (12' - 14')	LF	5.00	44.00	\$220.00	0.00	\$0.00	(\$220.00)
31	4" PVC Sewer Service Line	LF	320.00	27.00	\$8,640.00	329.00	\$8,883.00	\$243.00
32	Standard Manhole, 48"	EA	4.00	2,400.00	\$9,600.00	4.00	\$9,600.00	\$0.00
33	Termination Manhole, 48"	EA	1.00	2,400.00	\$2,400.00	1.00	\$2,400.00	\$0.00
34	Drop Manhole, 48"	EA	3.00	5,000.00	\$15,000.00	3.00	\$15,000.00	\$0.00
35	Extra Manhole Depth, 48"	VF	33.00	250.00	\$8,250.00	32.20	\$8,050.00	(\$200.00)
36	Connect To Existing Sewer Main	EA	1.00	1,000.00	\$1,000.00	1.00	\$1,000.00	\$0.00
37	Connect New Sewer Service	EA	13.00	650.00	\$8,450.00	13.00	\$8,450.00	\$0.00
38	16" PVC Encasement	LF	30.00	72.00	\$2,160.00	47.00	\$3,384.00	\$1,224.00
39	Control	LS	1.00	3,000.00	\$3,000.00	1.00	\$3,000.00	\$0.00
40	Control Plan	LS	1.00	600.00	\$600.00	1.00	\$600.00	\$0.00
41	Erosion Control Blanket	SY	555.00	2.00	\$1,110.00	670.00	\$1,340.00	\$230.00
42	Rock Construction Entrance	TON	50.00	20.00	\$1,000.00	24.68	\$493.60	(\$506.40)
43	Erosion Control, Inlet Protection	EA	4.00	120.00	\$480.00	2.00	\$240.00	(\$240.00)
44	Erosion Control, Perimeter Control	LF	640.00	5.00	\$3,200.00	188.00	\$940.00	(\$2,260.00)
45	Aggregate Base Course 3/4"	TON	290.00	19.00	\$5,510.00	286.38	\$5,441.22	(\$68.78)
46	28 (1.5")	TON	78.00	125.00	\$9,750.00	167.19	\$20,898.75	\$11,148.75
47	AC Patching, Class G Type I PG64-28	TON	178.00	112.00	\$19,936.00	184.82	\$20,699.84	\$763.84
48	Nonreinforced	SY	120.00	50.00	\$6,000.00	127.21	\$6,360.50	\$360.50
49	Tree Trimming	LS	1.00	3,000.00	\$3,000.00	1.00	\$3,000.00	\$0.00
50	Deciduous Tree (2-3" CAL)	EA	15.00	500.00	\$7,500.00	17.00	\$8,500.00	\$1,000.00
51	Evergreen Tree (5')	EA	1.00	325.00	\$325.00	0.00	\$0.00	(\$325.00)
52	Relocate Tree (with Tree Spade)	EA	2.00	550.00	\$1,100.00	2.00	\$1,100.00	\$0.00
53	Relocate Light Pole	EA	0.00	0.00	\$0.00	0.00	\$0.00	\$0.00
54	Traffic Control	LS	1.00	2,700.00	\$2,700.00	1.00	\$2,700.00	\$0.00
55	Traffic Control Plan	LS	1.00	800.00	\$800.00	1.00	\$800.00	\$0.00
56	Sewer Main Insulation	SF	356.00	4.00	\$1,424.00	356.00	\$1,424.00	\$0.00
BB1	RFP3 - Digouts	CY	0.00	21.26	\$0.00	32.00	\$680.32	\$680.32
BB2	RFP9 - Irrigation	LS	0.00	1,692.89	\$0.00	1.00	\$1,692.89	\$1,692.89
BB-3	RFP4 - Unforeseen Conditions	LS	0.00	8,750.00	\$0.00	1.00	\$8,750.00	\$8,750.00
	ALTERNATE NO. 1							
57	Mobilization	LS	1.00	3,500.00	\$3,500.00	1.00	\$3,500.00	\$0.00
58	Incidental	LS	1.00	22,000.00	\$22,000.00	1.00	\$22,000.00	\$0.00

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
59	Construction Staking	LS	1.00	2,200.00	\$2,200.00	1.00	\$2,200.00	\$0.00
60	Clearing and Grubbing	LS	1.00	4,300.00	\$4,300.00	1.00	\$4,300.00	\$0.00
61	Remove Manhole	EA	1.00	700.00	\$700.00	1.00	\$700.00	\$0.00
62	Sawing, Asphalt Pavement	LF	1,114.00	2.00	\$2,228.00	1,114.00	\$2,228.00	\$0.00
63	Remove AC Pavement	SY	1,157.00	3.00	\$3,471.00	796.00	\$2,388.00	(\$1,083.00)
64	Remove PCC Driveway Pavement	SY	5.00	5.00	\$25.00	17.23	\$86.15	\$61.15
65	AASHTO T-180 Soil Test	EA	2.00	120.00	\$240.00	0.00	\$0.00	(\$240.00)
66	Topsoll, Stockpile & Replace	CY	55.00	20.00	\$1,100.00	20.00	\$400.00	(\$700.00)
67	Sodding	SY	255.00	7.00	\$1,785.00	107.00	\$749.00	(\$1,036.00)
68	Hauling & Placing Co-Compost	TON	5.00	50.00	\$250.00	0.00	\$0.00	(\$250.00)
69	Excavation, Rock (Trench)	CY	677.00	5.00	\$3,385.00	3.67	\$18.35	(\$3,366.65)
70	Imported Backfill Material (Trench)	CY	50.00	10.00	\$500.00	0.00	\$0.00	(\$500.00)
71	Type I Bedding Material	TON	20.00	15.00	\$300.00	0.00	\$0.00	(\$300.00)
72	Type II Foundation Material	TON	20.00	25.00	\$500.00	0.00	\$0.00	(\$500.00)
73	Type III Foundation Material	TON	20.00	25.00	\$500.00	0.00	\$0.00	(\$500.00)
74	8" PVC Sewer Main (0' - 6')	LF	74.00	23.00	\$1,702.00	74.00	\$1,702.00	\$0.00
75	8" PVC Sewer Main (6' - 8')	LF	619.00	25.00	\$15,475.00	619.00	\$15,475.00	\$0.00
76	8" PVC Sewer Main (8' - 10')	LF	91.00	26.00	\$2,366.00	91.00	\$2,366.00	\$0.00
77	4" PVC Sewer Service Line	LF	181.00	27.00	\$4,887.00	181.50	\$4,900.50	\$13.50
78	Standard Manhole, 48"	EA	4.00	2,400.00	\$9,600.00	4.00	\$9,600.00	\$0.00
79	Extra Manhole Depth, 48"	VF	2.80	280.00	\$784.00	2.80	\$784.00	\$0.00
80	Connect To Existing Sewer Main	EA	2.00	1,000.00	\$2,000.00	2.00	\$2,000.00	\$0.00
81	Connect New Sewer Service	EA	8.00	750.00	\$6,000.00	8.00	\$6,000.00	\$0.00
82	Bypass Pumping	LS	1.00	3,000.00	\$3,000.00	1.00	\$3,000.00	\$0.00
83	Control	LS	1.00	1,300.00	\$1,300.00	1.00	\$1,300.00	\$0.00
84	Erosion Control, Perimeter Control	LF	20.00	5.00	\$100.00	72.00	\$360.00	\$260.00
85	Aggregate Base Course 3/4"	TON	391.00	19.00	\$7,429.00	351.36	\$6,675.84	(\$753.16)
86	AC Patching, Class G Type I PG64-28	TON	325.00	90.00	\$29,250.00	378.60	\$34,074.00	\$4,824.00
87	Nonreinforced	SY	5.00	50.00	\$250.00	17.23	\$861.50	\$611.50
88	Evergreen Tree (5')	EA	1.00	325.00	\$325.00	0.00	\$0.00	(\$325.00)
89	Traffic Control	LS	1.00	1,300.00	\$1,300.00	1.00	\$1,300.00	\$0.00
90	Sewer Main Insulation	SF	80.00	4.00	\$320.00	0.00	\$0.00	(\$320.00)
	ALTERNATE NO. 2							
91	Mobilization	LS	1.00	3,400.00	\$3,400.00	1.00	\$3,400.00	\$0.00

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
92	Incidental	LS	1.00	8,000.00	\$8,000.00	1.00	\$8,000.00	\$0.00
93	Construction Staking	LS	1.00	2,700.00	\$2,700.00	1.00	\$2,700.00	\$0.00
94	Clearing and Grubbing	LS	1.00	4,500.00	\$4,500.00	1.00	\$4,500.00	\$0.00
95	Sawing, Asphalt Pavement	LF	1,052.00	2.00	\$2,104.00	1,441.00	\$2,882.00	\$778.00
96	Remove AC Pavement	SY	1,052.00	3.00	\$3,156.00	1,209.00	\$3,627.00	\$471.00
97	Remove Tree	EA	10.00	175.00	\$1,750.00	9.00	\$1,575.00	(\$175.00)
98	AASHTO T-180 Soil Test	EA	2.00	120.00	\$240.00	0.00	\$0.00	(\$240.00)
99	Excavation, Unclassified	CY	60.00	7.00	\$420.00	60.00	\$420.00	\$0.00
100	Topsoil, Stockpile & Replace	CY	63.00	20.00	\$1,260.00	63.00	\$1,260.00	\$0.00
101	Sodding	SY	230.00	7.00	\$1,610.00	23.00	\$161.00	(\$1,449.00)
102	Hauling & Placing Co-Compost	TON	6.00	50.00	\$300.00	20.00	\$1,000.00	\$700.00
103	Irrigated Lawn Mix	SY	460.00	1.50	\$690.00	1,291.00	\$1,936.50	\$1,246.50
104	Excavation, Rock (Trench)	CY	889.00	5.00	\$4,445.00	14.70	\$73.50	(\$4,371.50)
105	Material (Trench)	CY	5.00	115.00	\$575.00	0.00	\$0.00	(\$575.00)
106	Imported Backfill Material (Trench)	CY	50.00	10.00	\$500.00	0.00	\$0.00	(\$500.00)
107	Type I Bedding Material	TON	10.00	15.00	\$150.00	0.00	\$0.00	(\$150.00)
108	Type II Foundation Material	TON	10.00	25.00	\$250.00	0.00	\$0.00	(\$250.00)
109	Type III Foundation Material	TON	10.00	25.00	\$250.00	0.00	\$0.00	(\$250.00)
110	8" PVC Sewer Main (0' - 6')	LF	74.00	23.00	\$1,702.00	74.00	\$1,702.00	\$0.00
111	8" PVC Sewer Main (6' - 8')	LF	404.00	25.00	\$10,100.00	404.00	\$10,100.00	\$0.00
112	8" PVC Sewer Main (8' - 10')	LF	404.00	26.00	\$10,504.00	404.00	\$10,504.00	\$0.00
113	8" PVC Sewer Main (10' - 12')	LF	53.00	28.00	\$1,484.00	53.00	\$1,484.00	\$0.00
114	4" PVC Sewer Service Line	LF	167.00	30.00	\$5,010.00	166.50	\$4,995.00	(\$15.00)
115	Standard Manhole, 48"	EA	3.00	2,400.00	\$7,200.00	2.00	\$4,800.00	(\$2,400.00)
116	Standard Manhole, 60"	EA	1.00	3,800.00	\$3,800.00	1.00	\$3,800.00	\$0.00
117	Termination Manhole, 48"	EA	2.00	2,600.00	\$5,200.00	2.00	\$5,200.00	\$0.00
118	Extra Manhole Depth, 60"	VF	1.20	450.00	\$540.00	1.20	\$540.00	\$0.00
119	Connect New Sewer Service	EA	6.00	750.00	\$4,500.00	6.00	\$4,500.00	\$0.00
120	Connect To Existing Manhole	EA	1.00	1,000.00	\$1,000.00	1.00	\$1,000.00	\$0.00
121	15" RCP, Class II	LF	21.00	43.00	\$903.00	16.00	\$688.00	(\$215.00)
122	15" RCP Flared End	EA	2.00	750.00	\$1,500.00	2.00	\$1,500.00	\$0.00
123	Control	LS	1.00	1,000.00	\$1,000.00	1.00	\$1,000.00	\$0.00
124	Erosion Control, Inlet Protection	EA	1.00	125.00	\$125.00	1.00	\$125.00	\$0.00
125	Erosion Control, Perimeter Control	LF	90.00	5.00	\$450.00	50.00	\$250.00	(\$200.00)

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
126	Aggregate Base Course 3/4"	TON	355.00	19.00	\$6,745.00	390.16	\$7,413.04	\$668.04
127	AC Patching, Class G Type I PG64-28	TON	297.00	92.00	\$27,324.00	302.80	\$27,857.60	\$533.60
128	Deciduous Tree (2-3" CAL)	EA	4.00	500.00	\$2,000.00	6.00	\$3,000.00	\$1,000.00
129	Evergreen Tree (5')	EA	7.00	325.00	\$2,275.00	0.00	\$0.00	(\$2,275.00)
130	Traffic Control	LS	1.00	700.00	\$700.00	1.00	\$700.00	\$0.00
ALT2-1	Sewer Main Insulation	SF	0.00	4.00	\$0.00	80.00	\$320.00	\$320.00
ALT2-2	Extra MH Depth, 48"	VF	0.00	250.00	\$0.00	11.20	\$2,800.00	\$2,800.00
ALT2-3	RFP3 - Diggouts	LS	0.00	637.80	\$0.00	1.00	\$637.80	\$637.80
	ALTERNATE NO. 3							
131	Mobilization	LS	1.00	3,400.00	\$3,400.00	1.00	\$3,400.00	\$0.00
132	Incidental	LS	1.00	90,000.00	\$90,000.00	1.00	\$90,000.00	\$0.00
133	Construction Staking	LS	1.00	3,300.00	\$3,300.00	1.00	\$3,300.00	\$0.00
134	Clearing and Grubbing	LS	1.00	4,400.00	\$4,400.00	1.00	\$4,400.00	\$0.00
135	Remove Pipe Culvert	LF	51.00	15.00	\$765.00	0.00	\$0.00	(\$765.00)
136	Sawing, Asphalt Pavement	LF	471.00	2.00	\$942.00	1,288.00	\$2,576.00	\$1,634.00
137	Remove AC Pavement	SY	2,511.00	3.00	\$7,533.00	3,524.00	\$10,572.00	\$3,039.00
138	AASHTO T-180 Soil Test	EA	2.00	120.00	\$240.00	0.00	\$0.00	(\$240.00)
139	Topsoil, Stockpile & Replace	CY	21.00	20.00	\$420.00	21.00	\$420.00	\$0.00
140	Sodding	SY	435.00	7.00	\$3,045.00	845.00	\$5,915.00	\$2,870.00
141	Hauling & Placing Co-Compost	TON	2.00	50.00	\$100.00	25.65	\$1,282.50	\$1,182.50
142	Seeding, Road Ditch Mix	SY	125.00	1.50	\$187.50	1,421.00	\$2,131.50	\$1,944.00
143	Excavation, Rock (Trench)	CY	3,099.00	5.00	\$15,495.00	52.80	\$264.00	(\$15,231.00)
144	Imported Backfill Material (Trench)	CY	50.00	10.00	\$500.00	0.00	\$0.00	(\$500.00)
145	Type I Bedding Material	TON	20.00	15.00	\$300.00	0.00	\$0.00	(\$300.00)
146	Type II Foundation Material	TON	20.00	25.00	\$500.00	0.00	\$0.00	(\$500.00)
147	Type III Foundation Material	TON	20.00	25.00	\$500.00	0.00	\$0.00	(\$500.00)
ALT3-1	8" PVC Sewer Main (6' - 8')	LF	0.00	22.00	\$0.00	17.00	\$374.00	\$374.00
148	8" PVC Sewer Main (8' - 10')	LF	12.00	25.00	\$300.00	16.00	\$400.00	\$100.00
149	8" PVC Sewer Main (10' - 12')	LF	13.00	28.00	\$364.00	16.00	\$448.00	\$84.00
150	8" PVC Sewer Main (12' - 14')	LF	11.00	30.00	\$330.00	18.00	\$540.00	\$210.00
151	8" PVC Sewer Main (14' - 16')	LF	43.00	35.00	\$1,505.00	47.00	\$1,645.00	\$140.00
152	8" PVC Sewer Main (16' - 18')	LF	41.00	43.00	\$1,763.00	47.00	\$2,021.00	\$258.00
153	8" PVC Sewer Main (18'-20')	LF	61.00	50.00	\$3,050.00	69.00	\$3,450.00	\$400.00
154	8" PVC Sewer Main (20'-22')	LF	135.00	65.00	\$8,775.00	137.00	\$8,905.00	\$130.00

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
155	8" PVC Sewer Main (22'-24')	LF	106.00	72.00	\$7,632.00	106.00	\$7,632.00	\$0.00
156	8" Certa-Lok C900/RJ (12' - 14')	LF	13.00	38.00	\$494.00	13.00	\$494.00	\$0.00
157	8" Certa-Lok C900/RJ (14' - 16')	LF	6.00	43.00	\$258.00	6.00	\$258.00	\$0.00
158	8" Certa-Lok C900/RJ (16' - 18')	LF	35.00	45.00	\$1,575.00	35.00	\$1,575.00	\$0.00
159	8" Certa-Lok C900/RJ (18'-20')	LF	217.00	67.00	\$14,539.00	217.00	\$14,539.00	\$0.00
160	8" Certa-Lok C900/RJ (20'-22')	LF	179.00	75.00	\$13,425.00	179.00	\$13,425.00	\$0.00
161	8" Certa-Lok C900/RJ (22'-24')	LF	215.00	82.00	\$17,630.00	215.00	\$17,630.00	\$0.00
162	4" PVC Sewer Service Line	LF	198.00	65.00	\$12,870.00	218.00	\$14,170.00	\$1,300.00
163	Standard Manhole, 48"	EA	3.00	2,400.00	\$7,200.00	2.00	\$4,800.00	(\$2,400.00)
164	Termination Manhole, 48"	EA	2.00	2,600.00	\$5,200.00	2.00	\$5,200.00	\$0.00
165	Extra Manhole Depth, 48"	VF	43.00	375.00	\$16,125.00	43.00	\$16,125.00	\$0.00
166	Connect New Sewer Service	EA	11.00	1,600.00	\$17,600.00	14.00	\$22,400.00	\$4,800.00
167	Connect To Existing Manhole	EA	1.00	1,000.00	\$1,000.00	1.00	\$1,000.00	\$0.00
168	16" PVC Encasement	LF	72.00	80.00	\$5,760.00	72.00	\$5,760.00	\$0.00
169	Control	LS	1.00	1,600.00	\$1,600.00	1.00	\$1,600.00	\$0.00
170	Erosion Control, Inlet Protection	EA	3.00	120.00	\$360.00	0.00	\$0.00	(\$360.00)
171	Erosion Control, Perimeter Control	LF	120.00	5.00	\$600.00	180.00	\$900.00	\$300.00
172	Aggregate Base Course 3/4"	TON	847.00	19.00	\$16,093.00	1,327.43	\$25,221.17	\$9,128.17
173	AC Patching, Class G Type I PG64-28	TON	707.00	87.50	\$61,862.50	1,155.49	\$101,105.38	\$39,242.88
174	Tree Trimming	LS	1.00	1,000.00	\$1,000.00	1.00	\$1,000.00	\$0.00
175	Relocate Tree (with Tree Spade)	EA	2.00	550.00	\$1,100.00	2.00	\$1,100.00	\$0.00
176	Traffic Control	LS	1.00	1,300.00	\$1,300.00	1.00	\$1,300.00	\$0.00
ALT3-2	RFP6 - Grading Subgrade	LS	0.00	1,359.83	\$0.00	1.00	\$1,359.83	\$1,359.83
ALT3-3	RFP7 - Road Shoulders	LS	0.00	1,202.46	\$0.00	1.00	\$1,202.46	\$1,202.46
ALT3-4	RFP8 - Unstable Subgrade	LS	0.00	850.27	\$0.00	1.00	\$850.27	\$850.27
ALT3-5	RFP9 - Irrigation	LS	0.00	3,938.23	\$0.00	1.00	\$3,938.23	\$3,938.23
ALT3-6	RFP10 - Bushes	LS	0.00	1,682.42	\$0.00	1.00	\$1,682.42	\$1,682.42
TOTAL					\$894,827.90		\$959,618.18	\$64,790.28

C.C.O. HISTORY INCREASE/(DECREASE)		PRIOR ADJUSTED CONTRACT PRICE :	\$894,827.90
CCO #1F	\$64,790.28	NET INCREASE/(DECREASE):	\$64,790.28
	\$0.00	ADJUSTED CONTRACT PRICE:	\$959,618.18
	\$0.00	CHANGE TO DATE:	\$64,790.28

Alan Schrier PS 11-23-11

CONSULTANT: Alan Schrier, Dream Design International, 528 Kansas City St., Rapid City, SD 57701 - 348-0538 DATE

[Signature] 11-23-11

CONTRACTOR: Mainline Contracting, PO Box 3448, Rapid City, SD 57709 - 348-7068 DATE

[Signature] 11/23/11

PROJECT MANAGER: KLARE SCHROEDER, P.E. DATE

CITY ENGINEER: DALE TECH, P.E. / L.S. DATE

MAYOR: SAM KOOIKER DATE

FINANCE: PAULINE SUMPTION DATE

CONTRACT TIME CHANGE +/-: +12 Days NEW CONTRACT TIME: September 27, 2011

City Staff recommends approval of this Change Order #1F to Mainline Contracting for an increase of \$64,790.28 based on unit pricing with the following appropriation:

Initial Funding	\$830,285.82	\$64,542.08	\$0.00		\$894,827.90
Fund Type	Sanitary Sewer	Water	San Sewer - Match		
Department	0834	0934	0834		
Line Item	4380	4380	4384		
Fund	0604	0602	0604		
CCO #1F	\$24,382.11	\$34,304.68	\$6,103.49		\$64,790.28
Adjusted Funding	\$854,667.93	\$98,846.76	\$6,103.49	\$959,618.18	\$959,618.18

**CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #1F
 HEIGHTS DRIVE SANITARY SEWER EXTENSION
 PROJECT NO. SS09-1831 / CIP NO. 50777
 NOVEMBER 4, 2011
 ORIGINAL CONTRACT AMOUNT: \$894,827.90
 MAINLINE CONTRACTING, INC.**

LINE ITEM	DESCRIPTION	REASON FOR CHANGE
6	Sawing, Asphalt Pavement	Additional repairs on Heights Drive.
7	Remove AC Pavement	Additional repairs on Heights Drive.
8	Remove PCC Driveway Pavement	Removed concrete to existing joint.
9	Remove Tree	Adjust to actual quantity installed.
10	AASHTO T-180 Soil Test	Adjust to actual quantity installed.
12	Sodding	Adjust to actual quantity installed.
13	Hauling & Placing Co-Compost	Adjust to actual quantity installed.
14	Seeding, Fertilizing, Mulching - Non-Irr	Adjust to actual quantity installed.
15	Excavation, Rock (Trench)	Adjust to actual quantity installed.
16	Imported Backfill Material (Trench)	Adjust to actual quantity installed.
17	Type I Bedding Material	Adjust to actual quantity installed.
18	Type II Foundation Material	Adjust to actual quantity installed.
19	Type III Foundation Material	Adjust to actual quantity installed.
21	8" PVC Sewer Main (6' - 8')	Bid form not consistent with plans.
22	8" PVC Sewer Main (8' - 10')	Bid form not consistent with plans.
30	8" Certa-Lok C900/RJ (12' - 14')	Revised MH #6 location.
31	4" PVC Sewer Service Line	Adjust to actual quantity installed.
35	Extra Manhole Depth, 48"	Revised MH #6 location.
38	16" PVC Encasement	Crossed unmarked waterline near Heights Drive.

41	Erosion Control Blanket	Adjust to actual quantity installed.
42	Rock Construction Entrance	Adjust to actual quantity installed.
43	Erosion Control, Inlet Protection	Adjust to actual quantity installed.
44	Erosion Control, Perimeter Control	Adjust to actual quantity installed.
45	Aggregate Base Course 3/4"	Adjust to actual quantity installed.
46	AC Overlay, Class G, Type 1 PG64-28	Additional overlay on Woodle from MH6 to Wonderland.
47	AC Patching, Class G Type I PG64-28	Additional repairs on Heights Drive.
48	PCC Driveway Pavement, 6" Nonreinfo	Removed concrete to existing joint.
50	Deciduous Tree (2-3" CAL)	Adjust to actual quantity installed.
51	Evergreen Tree (5')	Adjust to actual quantity installed.
BB-1	RFP3 - Digouts	Unstable subgrade materials were encountered in the project on Cliff Drive and Heights Drive. Stabilizing the subgrade required digging out and replacing subgrade materials in addition to the scope of the work indicated on the project plans.
BB-2	RFP9 - Irrigation	The construction project impacted sprinkler systems on private property and public right of ways that would be repaired as part of the project and that repairs to systems in public right of way that would be the responsibility of the homeowners to repair per City policies.
BB-3	RFP4 - Unforeseen Conditions	Saturated subgrade made it difficult to stabilize grade and install pipe.
63	Remove AC Pavement	Adjust to actual quantity installed.
64	Remove PCC Driveway Pavement	Adjust to actual quantity installed.
65	AASHTO T-180 Soil Test	Adjust to actual quantity installed.
66	Topsoil, Stockpile & Replace	Adjust to actual quantity installed.
67	Sodding	Adjust to actual quantity installed.
68	Hauling & Placing Co-Compost	Adjust to actual quantity installed.
69	Excavation, Rock (Trench)	Adjust to actual quantity installed.
70	Imported Backfill Material (Trench)	Adjust to actual quantity installed.
71	Type I Bedding Material	Adjust to actual quantity installed.
72	Type II Foundation Material	Adjust to actual quantity installed.
73	Type III Foundation Material	Adjust to actual quantity installed.

77	4" PVC Sewer Service Line	Adjust to actual quantity installed.
84	Erosion Control, Perimeter Control	Adjust to actual quantity installed.
85	Aggregate Base Course 3/4"	Adjust to actual quantity installed.
86	AC Patching, Class G Type I PG64-28	Installed overlay on Wonderland Drive between Cliff and Heights.
87	PCC Driveway Pavement, 6" Nonreinfo	Adjust to actual quantity installed.
88	Evergreen Tree (5')	Adjust to actual quantity installed.
90	Sewer Main Insulation	None required in Alternate 1 plans.
95	Sawing, Asphalt Pavement	Additional repairs on Cliff Drive.
96	Remove AC Pavement	Additional repairs on Cliff Drive.
97	Remove Tree	Adjust to actual quantity installed.
98	AASHTO T-180 Soil Test	Adjust to actual quantity installed.
101	Sodding	Adjust to actual quantity installed.
102	Hauling & Placing Co-Compost	Adjust to actual quantity installed.
103	Seeding, Fertilizing, Mulching - Non-Irr	Adjust to actual quantity installed.
104	Excavation, Rock (Trench)	Adjust to actual quantity installed.
105	Controlled Low Strength Backfill Material	Adjust to actual quantity installed.
106	Imported Backfill Material (Trench)	Adjust to actual quantity installed.
107	Type I Bedding Material	Adjust to actual quantity installed.
108	Type II Foundation Material	Adjust to actual quantity installed.
109	Type III Foundation Material	Adjust to actual quantity installed.
114	4" PVC Sewer Service Line	Adjust to actual quantity installed.
115	Standard Manhole, 48"	Adjust to actual quantity installed.
121	15" RCP, Class II	Adjust to actual quantity installed.
125	Erosion Control, Perimeter Control	Adjust to actual quantity installed.
126	Aggregate Base Course 3/4"	Adjust to actual quantity installed.
127	AC Patching, Class G Type I PG64-28	Adjust to actual quantity installed.

128	Deciduous Tree (2-3" CAL)	Adjust to actual quantity installed.
129	Evergreen Tree (5')	Adjust to actual quantity installed.
ALT2-1	Sewer Main Insulation	The project bid form did not include a bid item for Sewer Main Insulation as called for in the project plans and specification documents. Change order #1 provides for the measurement and payment of this unit price item.
ALT2-2	Extra MH Depth, 48"	The project bid form did not include a bid item for Extra Manhole Depth, 48" as called for in the project plans and specification documents. Change order #1 provides for the measurement and payment of this unit price item.
ALT2-3	RFP3 - Diggouts	Unstable subgrade materials were encountered in the project on Cliff Drive and Heights Drive. Stabilizing the subgrade required digging out and replacing subgrade materials in addition to the scope of the work indicated on the project plans.
135	Remove Pipe Culvert	Bid form not consistent with plans.
136	Sawing, Asphalt Pavement	Additional repairs on Cliff Drive.
137	Remove AC Pavement	Additional repairs on Cliff Drive.
138	AASHTO T-180 Soil Test	Adjust to actual quantity installed.
140	Sodding	Adjust to actual quantity installed.
141	Hauling & Placing Co-Compost	Adjust to actual quantity installed.
142	Seeding, Road Ditch Mix	Adjust to actual quantity installed.
143	Excavation, Rock (Trench)	Adjust to actual quantity installed.
144	Imported Backfill Material (Trench)	Adjust to actual quantity installed.
145	Type I Bedding Material	Adjust to actual quantity installed.
146	Type II Foundation Material	Adjust to actual quantity installed.
147	Type III Foundation Material	Adjust to actual quantity installed.
ALT3-1	8" PVC Sewer Main (6' - 8')	The sanitary sewer main on Riva Ridge Road was extended 50 feet approximately as authorized by the City Engineering Department. The revised plans required the addition of a new unit price item for 8" PVC Sewer Main (6'-8'). The unit price complies with unit prices for similar items on the Unit Price Schedules for the Base Bid and Alternates in the contract.
148	8" PVC Sewer Main (8' - 10')	The sanitary sewer main on Riva Ridge Road was extended 50 feet approximately as authorized by the City Engineering Department.
149	8" PVC Sewer Main (10' - 12')	The sanitary sewer main on Riva Ridge Road was extended 50 feet approximately as authorized by the City Engineering Department.
150	8" PVC Sewer Main (12' - 14')	The sanitary sewer main on Riva Ridge Road was extended 50 feet approximately as authorized by the City Engineering Department.
151	8" PVC Sewer Main (14' - 16')	The sanitary sewer main on Riva Ridge Road was extended 50 feet approximately as authorized by the City Engineering Department.
152	8" PVC Sewer Main (16' - 18')	The sanitary sewer main on Riva Ridge Road was extended 50 feet approximately as authorized by the City Engineering Department.

153	8" PVC Sewer Main (18'-20')	The sanitary sewer main on Riva Ridge Road was extended 50 feet approximately as authorized by the City Engineering Department.
154	8" PVC Sewer Main (20'-22')	The sanitary sewer main on Riva Ridge Road was extended 50 feet approximately as authorized by the City Engineering Department.
162	4" PVC Sewer Service Line	Add services for extension of sewer on Riva Ridge Road.
163	Standard Manhole, 48"	Bid form not consistent with plans.
166	Connect New Sewer Service	Add services for extension of sewer on Riva Ridge Road.
170	Erosion Control, Inlet Protection	Adjust to actual quantity installed.
171	Erosion Control, Perimeter Control	Adjust to actual quantity installed.
172	Aggregate Base Course 3/4"	Additional repairs on Cliff Drive.
173	AC Patching, Class G Type I PG64-28	Additional repairs on Cliff Drive.
Alt3-2	RFP6 - Grading Subgrade	Street areas of Wonderland Drive adjacent to the original project limits required repairs and were reconstructed as part of this project at the direction of the City Engineering Department. Unstable subgrade materials were encountered in the project on Wonderland Drive. Stabilizing the subgrade required digging out and replacing subgrade materials in addition to the scope of work provided in existing unit price items in the contract.
Alt3-3	RFP7 - Road Shoulders	Street areas of Wonderland Drive adjacent to the original project limits required repairs and were reconstructed as part of this project at the direction of the City Engineering Department. An unsafe slope in a curve section of the Wonderland was restoped and flattened using excess excavation from the project to improve safety.
Alt3-4	RFP8 - Unstable Subgrade	Unstable subgrade materials were encountered in the project on Riva Ridge Road and Belvidere Streets. Stabilizing the subgrade required digging out and replacing subgrade materials in addition to the scope of the work indicated on the project plans.
Alt3-5	RFP9 - Irrigation	The construction project impacted sprinkler systems on private property and public right of ways. Plan notes did not distinguish between repairs to system in private right of ways that would be repaired as part of the project and that repairs to systems in public right of way that would be the responsibility of the homeowners to repair per standard City policies.
Alt3-6	RFP10 - Bushes	The landowner requested that trees removed on his property be replaced with bushes. The request provided a savings to the City but required the addition of a unit price method to compensate the contractor for installing bushes.
	Contract time extension for RFPs 3,6,7 and 8 and additional unit price work completed on the project.	The contract time is extended for work items that were incorporated into the project that affected the timeline of the project completion. RFP #3 required the addition of 1 extra day for digouts and replacement of subgrade on Heights and Cliff Drives. RFP#7 required the addition of 1 day to flatten and grade slopes on Wonderland Drive. RFP#8 required the addition of 1 extra day for digouts and replacement of subgrade on Belvidere and Riva Ridge Road. Repairing additional street sections using existing unit price items required 2 additional days on Heights Drive, 2 additional days on Riva Ridge Road, 3 additional days on Wonderland Drive. Extending the sewer main on Riva Ridge Road required 2 additional days for removing asphalt, installing sewer main and installing three additional service. In total, 12 working days are added to the contract completion date. Therefore, the completion date shall be extended from September 9, 2011 to September 27, 2011.

PREPARED BY: Klare Schroeder, P.E.

DATE: November 4, 2011