
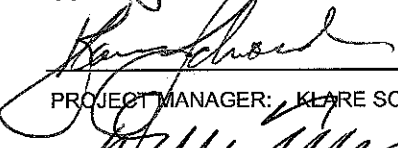



**CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #1F**  
**Vista Lake Subdivision #2 Public Utilities and Private Road Improvements**  
**PROJECT NO. 15-2229 / CIP NO. 51046**  
**DECEMBER 18, 2015**  
**ORIGINAL CONTRACT AMOUNT: \$368,803.75**  
**CONTRACTOR: MAINLINE CONTRACTING, INC.**

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
1	MOBILIZATION	LS	1.00	\$18,500.00	\$18,500.00	1.00	\$18,500.00	\$0.00
2	INCIDENTAL WORK	LS	1.00	\$65,000.00	\$65,000.00	1.00	\$65,000.00	\$0.00
3	CONSTRUCTION STAKING	LS	1.00	\$9,500.00	\$9,500.00	1.00	\$9,500.00	\$0.00
4	TRAFFIC CONTROL	LS	1.00	\$2,000.00	\$2,000.00	1.00	\$2,000.00	\$0.00
5	INLET PROTECTION	EA	3.00	\$195.00	\$585.00	1.00	\$195.00	(\$390.00)
6	REMOVE INLET PROTECTION (END OF PROJECT)	EA	3.00	\$50.00	\$150.00	1.00	\$50.00	(\$100.00)
7	SURFACE ROUGHING	LS	1.00	\$4,000.00	\$4,000.00	1.00	\$4,000.00	\$0.00
8	12" WATTLES	LF	450.00	\$5.00	\$2,250.00	175.00	\$875.00	(\$1,375.00)
9	REMOVE WATTLES (END OF PROJECT)	LF	450.00	\$1.00	\$450.00	95.00	\$95.00	(\$355.00)
10	SILT FENCE	LS	175.00	\$6.50	\$1,137.50	610.00	\$3,965.00	\$2,827.50
11	REMOVE SILT FENCE (END OF PROJECT)	LF	175.00	\$1.00	\$175.00	150.00	\$150.00	(\$25.00)
12	FURNISHING, HAULING & PLACING COMPOST	CY	100.00	\$25.00	\$2,500.00	151.90	\$3,797.50	\$1,297.50
13	EROSION CONTROL BLANKET	SY	975.00	\$4.00	\$3,900.00	1,116.00	\$4,464.00	\$564.00
14	TURF REINFORCEMENT MAT	SY	245.00	\$5.25	\$1,286.25	302.00	\$1,585.50	\$299.25
15	VEHICLE TRACKING CONTROL	LS	1.00	\$850.00	\$850.00	1.00	\$850.00	\$0.00
16	UNCLASSIFIED EXCAVATION W/ NATIVE MATERIAL	CY	2,653.00	\$18.00	\$47,754.00	2,653.00	\$47,754.00	\$0.00
17	ROCK EXCAVATION	CY	500.00	\$65.00	\$32,500.00	40.00	\$2,600.00	(\$29,900.00)
18	TYPE 1 BEDDING MATERIAL (WITH ENGINEER APPROVAL)	TON	20.00	\$16.00	\$320.00	0.00	\$0.00	(\$320.00)
19	REESTABLISH PROPERTY CORNERS	EA	12.00	\$150.00	\$1,800.00	6.00	\$900.00	(\$900.00)
20	REMOVE CONCRETE APPROACH	SY	16.20	\$15.00	\$243.00	16.20	\$243.00	\$0.00
21	CONNECT TO EXISTING MANHOLE (REMOVE STUB)	EA	1.00	\$2,100.00	\$2,100.00	0.00	\$0.00	(\$2,100.00)
22	STANDARD 48" MANHOLE (0'-6' DEEP)	EA	1.00	\$4,500.00	\$4,500.00	1.00	\$4,500.00	\$0.00
23	STANDARD 48" MANHOLE (OVER DEPTH)	VF	3.70	\$330.00	\$1,221.00	3.70	\$1,221.00	\$0.00
24	TERMINATION 48" MANHOLE (0'-6' DEEP)	EA	1.00	\$3,800.00	\$3,800.00	1.00	\$3,800.00	\$0.00

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
25	TERMINATION 48" MANHOLE (OVERDEPTH)	VF	2.30	\$330.00	\$759.00	2.30	\$759.00	\$0.00
26	SERVICE	LF	48.00	\$35.00	\$1,680.00	77.00	\$2,695.00	\$1,015.00
27	8" PVC SEWER MAIN (6'-8')	LF	177.00	\$45.00	\$7,965.00	204.00	\$9,180.00	\$1,215.00
28	8" PVC SEWER MAIN (8'-10')	LF	170.00	\$50.00	\$8,500.00	306.00	\$15,300.00	\$6,800.00
29	8" PVC SEWER MAIN (10'-12')	LF	30.00	\$58.00	\$1,740.00	0.00	\$0.00	(\$1,740.00)
30	8" PVC SEWER MAIN (12'-14')	LF	38.00	\$66.00	\$2,508.00	0.00	\$0.00	(\$2,508.00)
31	8" PVC SEWER MAIN (14'-16')	LF	30.00	\$80.00	\$2,400.00	0.00	\$0.00	(\$2,400.00)
32	8" PVC SEWER MAIN (16'-18')	LF	30.00	\$120.00	\$3,600.00	0.00	\$0.00	(\$3,600.00)
33	8" PVC SEWER MAIN (18'-20')	LF	40.00	\$140.00	\$5,600.00	0.00	\$0.00	(\$5,600.00)
34	CONNECT TO EXISTING WATER MAIN (REMOVE CAP)	EA	1.00	\$3,500.00	\$3,500.00	1.00	\$3,500.00	\$0.00
35	8" PVC C-900, DR18 WATER MAIN	LF	550.00	\$45.00	\$24,750.00	567.00	\$25,515.00	\$765.00
36	8" 22.5 DEGREE BEND	EA	3.00	\$850.00	\$2,550.00	3.00	\$2,550.00	\$0.00
37	8" DEFLECTION COUPLING	EA	2.00	\$550.00	\$1,100.00	2.00	\$1,100.00	\$0.00
38	8" 90 DEGREE BEND	EA	1.00	\$850.00	\$850.00	1.00	\$850.00	\$0.00
39	8" X 6" REDUCER	EA	1.00	\$850.00	\$850.00	1.00	\$850.00	\$0.00
40	FIRE HYDRANT, W/ AUXILIARY, BOX & LEAD	EA	1.00	\$6,200.00	\$6,200.00	1.00	\$6,200.00	\$0.00
41	TRACER WIRE BOX	EA	1.00	\$250.00	\$250.00	1.00	\$250.00	\$0.00
42	1" TAPPING SADDLE	EA	2.00	\$350.00	\$700.00	2.00	\$700.00	\$0.00
43	1" CURB STOP & BOX	EA	2.00	\$375.00	\$750.00	2.00	\$750.00	\$0.00
44	1" COPPER WATER SERVICE	LF	66.00	\$45.00	\$2,970.00	88.00	\$3,960.00	\$990.00
45	CATHODIC TEST STATION	EA	1.00	\$500.00	\$500.00	1.00	\$500.00	\$0.00
46	PIPE ENCASMENT	EA	1.00	\$1,500.00	\$1,500.00	2.00	\$3,000.00	\$1,500.00
47	18" CMP STORM SEWER PIPE	LF	52.00	\$52.00	\$2,704.00	52.00	\$2,704.00	\$0.00
48	18" CMP FLARED END SECTION	EA	2.00	\$450.00	\$900.00	2.00	\$900.00	\$0.00
49	CLASS 2 RIPRAP	TON	7.60	\$100.00	\$760.00	9.20	\$920.00	\$160.00
50	BLOCK SMU RETAINING WALL (0'-2')	LF	20.00	\$225.00	\$4,500.00	18.00	\$4,050.00	(\$450.00)
51	BLOCK SMU RETAINING WALL (2'-4')	LF	74.00	\$250.00	\$18,500.00	2.00	\$500.00	(\$18,000.00)
52	BLOCK SMU RETAINING WALL (4'-6')	LF	16.00	\$300.00	\$4,800.00	102.00	\$30,600.00	\$25,800.00
53	W-BEAM GUARDRAIL	LF	288.00	\$70.00	\$20,160.00	288.00	\$20,160.00	\$0.00
54	1" AGGREGATE BASE COURSE	TON	787.00	\$28.00	\$22,036.00	814.00	\$22,792.00	\$756.00
55	ASPHALT CONCRETE PAVEMENT	TON	26.00	\$200.00	\$5,200.00	33.40	\$6,680.00	\$1,480.00
56	REGULATORY SIGNS (ROAD SIGNS)	EA	6.00	\$250.00	\$1,500.00	6.00	\$1,500.00	\$0.00
57	LIQUIDATED DAMAGES	DAY	0.00	(\$450.00)	\$0.00	13.00	(\$5,850.00)	(\$5,850.00)
<b>TOTAL</b>					<b>\$368,803.75</b>		<b>\$338,660.00</b>	<b>(\$30,143.75)</b>

C.C.O. HISTORY INCREASE/(DECREASE)		PRIOR ADJUSTED CONTRACT PRICE :	\$368,803.75
CCO #1F	(\$30,143.75)	NET INCREASE/(DECREASE):	(\$30,143.75)
	\$0.00	ADJUSTED CONTRACT PRICE:	\$338,660.00
	\$0.00	CHANGE TO DATE:	(\$30,143.75)

	12/21/15
CONTRACTOR: MAINLINE CONTRACTING	DATE 12/21/15
	DATE
PROJECT MANAGER: KLAARE SCHROEDER, P.E.	12-21-15
	DATE
CITY ENGINEER: DALE TECH, P.E. / L.S.	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 #1F to Mainline Contracting for a decrease of \$30,143.75 based on unit pricing with the following appropriation:

Initial Funding	\$80,538.43	\$77,930.59	\$203,689.06	\$6,645.68		\$368,803.75
Fund Type	Sanitary Sewer	Water	Streets	Drainage		
Department	833 / 834	933 / 934	8910	8911		
Line Item	4380	4381	4370	4371		
Fund	0604	0602	0505	0505		
CCO #1F	(\$16,716.48)	(\$5,939.41)	(\$7,567.70)	\$79.84		(\$30,143.75)
						\$0.00
						\$0.00
Adjusted Funding	\$63,821.95	\$71,991.18	\$196,121.36	\$6,725.52	\$338,660.00	\$338,660.00

**CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #1F**  
**Vista Lake Subdivision #2 Public Utilities and Private Road Improvements**  
**PROJECT NO. 15-2229 / CIP NO. 51046**  
**DECEMBER 18, 2015**  
**ORIGINAL CONTRACT AMOUNT: \$368,803.75**  
**CONTRACTOR: MAINLINE CONTRACTING, INC.**

LINE ITEM	DESCRIPTION	REASON FOR CHANGE
5	INLET PROTECTION	Actual quantity necessary to construct the project in accordance with plans and specs.
6	REMOVE INLET PROTECTION (END	Actual quantity necessary to construct the project in accordance with plans and specs.
8	12" WATTLES	Actual quantity necessary to construct the project in accordance with plans and specs.
9	REMOVE WATTLES (END OF PROJE	Actual quantity necessary to construct the project in accordance with plans and specs.
10	SILT FENCE	Actual quantity necessary to construct the project in accordance with plans and specs.
11	REMOVE SILT FENCE (END OF PRO	Actual quantity necessary to construct the project in accordance with plans and specs.
12	FURNISHING, HAULING & PLACING	Actual quantity necessary to construct the project in accordance with plans and specs.
13	EROSION CONTROL BLANKET	Actual quantity necessary to construct the project in accordance with plans and specs.
14	TURF REINFORCEMENT MAT	Actual quantity necessary to construct the project in accordance with plans and specs.
17	ROCK EXCAVATION	Actual quantity necessary to construct the project in accordance with plans and specs.
18	TYPE 1 BEDDING MATERIAL (WITH	None used.
19	REESTABLISH PROPERTY CORNER	Actual quantity necessary to construct the project in accordance with plans and specs.
21	CONNECT TO EXISTING MANHOLE	Modified work for connection which involved drop MH installation.
26	4" PVC SANITARY SEWER SERVICE	Actual quantity necessary to construct the project in accordance with plans and specs.
27	8" PVC SEWER MAIN (6'-8')	Actual quantity measured to document installation in accordance with plans and specs.
28	8" PVC SEWER MAIN (8'-10')	Actual quantity measured to document installation in accordance with plans and specs.
29	8" PVC SEWER MAIN (10'-12')	None used.
30	8" PVC SEWER MAIN (12'-14')	None used.
31	8" PVC SEWER MAIN (14'-16')	None used.

32	8" PVC SEWER MAIN (16'-18')	None used.
33	8" PVC SEWER MAIN (18'-20')	None used.
35	8" PVC C-900, DR18 WATER MAIN	Actual quantity necessary to construct the project in accordance with plans and specs.
44	1" COPPER WATER SERVICE	Actual quantity necessary to construct the project in accordance with plans and specs.
46	PIPE ENCASEMENT	Actual quantity necessary to construct the project in accordance with plans and specs.
49	CLASS 2 RIPRAP	Actual quantity necessary to construct the project in accordance with plans and specs.
50	BLOCK SMU RETAINING WALL (0'-2')	Actual quantity measured to document installation in accordance with plans and specs.
51	BLOCK SMU RETAINING WALL (2'-4')	Actual quantity measured to document installation in accordance with plans and specs.
52	BLOCK SMU RETAINING WALL (4'-6')	Actual quantity measured to document installation in accordance with plans and specs.
54	1" AGGREGATE BASE COURSE	Actual quantity necessary to construct the project in accordance with plans and specs.
55	ASPHALT CONCRETE PAVEMENT	Actual quantity necessary to construct the project in accordance with plans and specs.
57	LIQUIDATED DAMAGES	Day count due to late completion

PREPARED BY: Klare Schroeder, P.E.

DATE: December 18, 2015

FUNDING TYPE		Sanitary Sewer		Water		Streets		Drainage		
COST CENTER		833 / 834		933 / 934		8910		8911		
LINE ITEM		4380		4381		4370		4371		
FUND		0604		0602		0505		0505		
ITEM NO.	DESCRIPTION OF ITEM	AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT	AMOUNT	PERCENT	
1	MOBILIZATION	0.00	22%	0.00	21%	0.00	55%	0.00	2%	100%
2	INCIDENTAL WORK	0.00	22%	0.00	21%	0.00	55%	0.00	2%	100%
3	CONSTRUCTION STAKING	0.00	22%	0.00	21%	0.00	55%	0.00	2%	100%
4	TRAFFIC CONTROL	0.00	22%	0.00	21%	0.00	55%	0.00	2%	100%
5	INLET PROTECTION	-85.80	22%	-81.90	21%	-214.50	55%	-7.80	2%	100%
6	REMOVE INLET PROTECTION (EN	-22.00	22%	-21.00	21%	-55.00	55%	-2.00	2%	100%
7	SURFACE ROUGHING	0.00	22%	0.00	21%	0.00	55%	0.00	2%	100%
8	12" WATTLES	-302.50	22%	-288.75	21%	-756.25	55%	-27.50	2%	100%
9	REMOVE WATTLES (END OF PRO	-78.10	22%	-74.55	21%	-195.25	55%	-7.10	2%	100%
10	SILT FENCE	622.05	22%	593.78	21%	1,555.13	55%	56.55	2%	100%
11	REMOVE SILT FENCE (END OF PR	-5.50	22%	-5.25	21%	-13.75	55%	-0.50	2%	100%
12	FURNISHING, HAULING & PLACIN	285.45	22%	272.48	21%	713.63	55%	25.95	2%	100%
13	EROSION CONTROL BLANKET	124.08	22%	118.44	21%	310.20	55%	11.28	2%	100%
14	TURF REINFORCEMENT MAT	65.84	22%	62.84	21%	164.59	55%	5.99	2%	100%
15	VEHICLE TRACKING CONTROL	0.00	22%	0.00	21%	0.00	55%	0.00	2%	100%
16	UNCLASSIFIED EXCAVATION W/ N	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
17	ROCK EXCAVATION	-7,475.00	25%	-7,475.00	25%	-14,950.00	50%	0.00	0%	100%
18	TYPE 1 BEDDING MATERIAL (WIT	-192.00	60%	-128.00	40%	0.00	0%	0.00	0%	100%
19	REESTABLISH PROPERTY CORNE	-198.00	22%	-189.00	21%	-495.00	55%	-18.00	2%	100%
20	REMOVE CONCRETE APPROACH	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
21	CONNECT TO EXISTING MANHOLE	-2,100.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
22	STANDARD 48" MANHOLE (0'-6' DE	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
23	STANDARD 48" MANHOLE (OVER I	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
24	TERMINATION 48" MANHOLE (0'-6'	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%

25	TERMINATION 48" MANHOLE (OVE	0.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
26	4" PVC SANITARY SEWER SERVIC	1,015.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
27	8" PVC SEWER MAIN (8'-8')	1,215.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
28	8" PVC SEWER MAIN (8'-10')	6,800.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
29	8" PVC SEWER MAIN (10'-12')	-1,740.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
30	8" PVC SEWER MAIN (12'-14')	-2,508.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
31	8" PVC SEWER MAIN (14'-16')	-2,400.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
32	8" PVC SEWER MAIN (16'-18')	-3,600.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
33	8" PVC SEWER MAIN (18'-20')	-5,600.00	100%	0.00	0%	0.00	0%	0.00	0%	100%
34	CONNECT TO EXISTING WATER M	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
35	8" PVC C-900, DR18 WATER MAIN	0.00	0%	765.00	100%	0.00	0%	0.00	0%	100%
36	8" 22.5 DEGREE BEND	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
37	8" DEFLECTION COUPLING	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
38	8" 90 DEGREE BEND	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
39	8" X 6" REDUCER	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
40	FIRE HYDRANT, W/ AUXILIARY, BO	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
41	TRACER WIRE BOX	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
42	1" TAPPING SADDLE	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
43	1" CURB STOP & BOX	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
44	1" COPPER WATER SERVICE	0.00	0%	990.00	100%	0.00	0%	0.00	0%	100%
45	CATHODIC TEST STATION	0.00	0%	0.00	100%	0.00	0%	0.00	0%	100%
46	PIPE ENCASEMENT	750.00	50%	750.00	50%	0.00	0%	0.00	0%	100%
47	18" CMP STORM SEWER PIPE	0.00	0%	0.00	0%	0.00	0%	0.00	100%	100%
48	18" CMP FLARED END SECTION	0.00	0%	0.00	0%	0.00	0%	0.00	100%	100%
49	CLASS 2 RIPRAP	0.00	0%	0.00	0%	0.00	0%	160.00	100%	100%
50	BLOCK SMU RETAINING WALL (0'-	0.00	0%	0.00	0%	-450.00	100%	0.00	0%	100%
51	BLOCK SMU RETAINING WALL (2'-	0.00	0%	0.00	0%	-18,000.00	100%	0.00	0%	100%
52	BLOCK SMU RETAINING WALL (4'-	0.00	0%	0.00	0%	25,800.00	100%	0.00	0%	100%
53	W-BEAM GUARDRAIL	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
54	1" AGGREGATE BASE COURSE	0.00	0%	0.00	0%	756.00	100%	0.00	0%	100%
55	ASPHALT CONCRETE PAVEMENT	0.00	0%	0.00	0%	1,480.00	100%	0.00	0%	100%
56	REGULATORY SIGNS (ROAD SIGN	0.00	0%	0.00	0%	0.00	100%	0.00	0%	100%
57	LIQUIDATED DAMAGES	-1,287.00	22%	-1,228.50	21%	-3,217.50	55%	-117.00	2%	100%
		(\$16,716.48)		-\$5,939.41		(\$7,567.70)		\$79.84		(\$30,143.75)