

**CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #1 FINAL  
 CATRON BOULEVARD SANITARY SEWER MAIN EXTENSION  
 PROJECT NO. SS06-1635 / CIP NO. 50671**

JUNE 6, 2008

ORIGINAL CONTRACT AMOUNT: \$513,195.32

CONTRACTOR: MAINLINE CONTRACTING, INC.

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
	<b>COMMON BASE BID (Schedules #1, #2, #3, #4)</b>							
1	MOBILIZATION	LS	1.00	\$35,000.00	\$35,000.00	1.00	\$35,000.00	\$0.00
2	CONSTRUCTION STAKING	LS	1.00	\$10,000.00	\$10,000.00	1.00	\$10,000.00	\$0.00
3	"TEMPORARY" EROSION CONTROL PLAN	LS	1.00	\$500.00	\$500.00	1.00	\$500.00	\$0.00
4	"TEMPORARY" EROSION CONTROL	LS	1.00	\$6,000.00	\$6,000.00	1.00	\$6,000.00	\$0.00
5	TRAFFIC CONTROL PLAN	LS	1.00	\$750.00	\$750.00	1.00	\$750.00	\$0.00
6	TRAFFIC CONTROL	LS	1.00	\$3,000.00	\$3,000.00	1.00	\$3,000.00	\$0.00
7	INCIDENTAL WORK	LS	1.00	\$50,000.00	\$50,000.00	1.00	\$50,000.00	\$0.00
8	CLEARING AND GRUBBING	LS	1.00	\$1,000.00	\$1,000.00	1.00	\$1,000.00	\$0.00
9	BORROW, IMPORTED (TRENCH)	CY	30.00	\$16.00	\$480.00	0.00	\$0.00	(\$480.00)
10	TYPE I BEDDING	TON	30.00	\$16.00	\$480.00	0.00	\$0.00	(\$480.00)
11	TYPE II FOUNDATION MATERIAL	TON	10.00	\$28.00	\$280.00	0.00	\$0.00	(\$280.00)
12	HAULING AND PLACING CO-COMPOST	TON	285.00	\$42.00	\$11,970.00	129.06	\$5,420.52	(\$6,549.48)
13	IRRIGATION SYSTEM MOBILIZATION	LS	1.00	\$2,100.00	\$2,100.00	1.00	\$2,100.00	\$0.00
14	WATER FOR IRRIGATION	Mgal	132.00	\$165.00	\$21,780.00	132.00	\$21,780.00	\$0.00
15	CONTROLLED LOW STRENGTH BACKFILL (IN PLACE)	CY	10.00	\$150.00	\$1,500.00	0.00	\$0.00	(\$1,500.00)
16	AASHTO T-180 SOIL TEST	EA	4.00	\$180.00	\$720.00	2.00	\$360.00	(\$360.00)
<b>TOTAL FOR COMMON BASE BID (WORDS AND FIGURES)</b>					\$145,560.00		\$135,910.52	(\$9,649.48)

	<b>BASE BID SCHEDULE #1</b>								
17	ABANDON EXISTING CLEANOUT	EA	1.00	\$100.00	\$100.00	1.00	\$100.00	\$0.00	
18	SHALLOW MANHOLE, 48" DIA (0'-6')	EA	1.00	\$2,100.00	\$2,100.00	1.00	\$2,100.00	\$0.00	
19	STANDARD MANHOLE, 48" DIA (0'-6')	EA	4.00	\$2,600.00	\$10,400.00	4.00	\$10,400.00	\$0.00	
20	EXTRA MANHOLE DEPTH, 48" DIA	LF	17.00	\$280.00	\$4,760.00	17.00	\$4,760.00	\$0.00	
21	DROP MANHOLE, 48" DIA (0'-6')	EA	1.00	\$6,500.00	\$6,500.00	1.00	\$6,500.00	\$0.00	
22	EXTRA DROP MANHOLE DEPTH, 48" DIA	LF	11.71	\$280.00	\$3,278.80	15.71	\$4,398.80	\$1,120.00	
23	8" PVC SEWER MAIN, SDR-35 (0'-6')	LF	420.00	\$25.00	\$10,500.00	420.00	\$10,500.00	\$0.00	
24	8" PVC SEWER MAIN, SDR-35 (6'-8')	LF	526.00	\$30.00	\$15,780.00	526.00	\$15,780.00	\$0.00	
25	8" PVC SEWER MAIN, SDR-35 (8'-10')	LF	46.00	\$46.00	\$2,116.00	46.00	\$2,116.00	\$0.00	
26	8" PVC SEWER MAIN, SDR-35 (10'-12')	LF	44.00	\$72.00	\$3,168.00	44.00	\$3,168.00	\$0.00	
27	8" PVC SEWER MAIN, SDR-35 (12'-14')	LF	42.00	\$85.00	\$3,570.00	42.00	\$3,570.00	\$0.00	
28	8" PVC SEWER MAIN, SDR-35 (14'-16')	LF	36.00	\$97.00	\$3,492.00	36.00	\$3,492.00	\$0.00	
29	8" PVC SEWER MAIN, SDR-35 (16'-18')	LF	26.00	\$136.00	\$3,536.00	26.00	\$3,536.00	\$0.00	
30	8" PVC SEWER MAIN, C-900 CLASS 150 (18'-20')	LF	40.00	\$160.00	\$6,400.00	40.00	\$6,400.00	\$0.00	
31	8" PVC SEWER MAIN, C-900 CLASS 150 (20'-22')	LF	22.00	\$190.00	\$4,180.00	22.00	\$4,180.00	\$0.00	
32	24" STEEL CASING W/CARRIER PIPE, BORED & JACKED	LF	77.00	\$927.00	\$71,379.00	77.00	\$71,379.00	\$0.00	
33	CATHODIC PROTECTION OF 24" STEEL CASING, EACH END	LS	1.00	\$3,500.00	\$3,500.00	1.00	\$3,500.00	\$0.00	
34	MANHOLE PULLOUT, EMBANKMENT	CY	60.00	\$25.00	\$1,500.00	60.00	\$1,500.00	\$0.00	
35	REMOVE ASPHALT SURFACING	SF	9,564.00	\$0.65	\$6,216.60	9,564.00	\$6,216.60	\$0.00	
36	ASPHALT CONCRETE, CLASS G, TYPE 1, PG64-28	TON	250.00	\$125.00	\$31,250.00	211.27	\$26,408.75	(\$4,841.25)	
37	AGGREGATE BASE COURSE	TON	484.00	\$24.00	\$11,616.00	484.00	\$11,616.00	\$0.00	
38	EROSION CONTROL SILT FENCE ("PERMANENT" EROSION CONTROL)	LF	218.00	\$6.00	\$1,308.00	0.00	\$0.00	(\$1,308.00)	
39	SEWER MAIN INSULATION (COMPLETE)	LS	1.00	\$750.00	\$750.00	1.00	\$750.00	\$0.00	
40	ROCK EXCAVATION	CY	205.00	\$25.00	\$5,125.00	482.70	\$12,067.50	\$6,942.50	
40-A	SEEDING, FERTILIZING, MULCH	SY		\$2.00	\$0.00	4,000.00	\$8,000.00	\$8,000.00	
<b>TOTAL FOR BASE BID SCHEDULE #1 (WORDS AND FIGURES)</b>						\$212,525.40		\$222,438.65	\$9,913.25
	<b>BASE BID SCHEDULE #2</b>								
41	CONNECT TO EXISTING SEWER MAIN	EA	1.00	\$500.00	\$500.00	1.00	\$500.00	\$0.00	
42	REMOVE AND REPLACE TOPSOIL	CY	209.00	\$15.00	\$3,135.00	209.00	\$3,135.00	\$0.00	

43	EXCAVATION / EMBANKMENT	CY	1,002.00	\$10.00	\$10,020.00	1,002.00	\$10,020.00	\$0.00
44	SEEDING, FERTILIZING, MULCH	SY	1,900.00	\$2.00	\$3,800.00	5,431.00	\$10,862.00	\$7,062.00
45	STANDARD MANHOLE, 48" DIA (0'-6')	EA	4.00	\$2,600.00	\$10,400.00	4.00	\$10,400.00	\$0.00
46	EXTRA MANHOLE DEPTH, 48" DIA	LF	24.45	\$280.00	\$6,846.00	24.45	\$6,846.00	\$0.00
47	DROP MANHOLE, 48" DIA (0'-6')	EA	1.00	\$6,500.00	\$6,500.00	1.00	\$6,500.00	\$0.00
48	EXTRA DROP MANHOLE DEPTH, 48" DIA	LF	11.30	\$290.00	\$3,277.00	11.30	\$3,277.00	\$0.00
49	8" PVC SEWER MAIN, SDR-35 (0'-6')	LF	16.00	\$20.00	\$320.00	16.00	\$320.00	\$0.00
50	8" PVC SEWER MAIN, SDR-35 (6'-8')	LF	66.00	\$23.00	\$1,518.00	66.00	\$1,518.00	\$0.00
51	8" PVC SEWER MAIN, SDR-35 (8'-10')	LF	216.00	\$30.00	\$6,480.00	216.00	\$6,480.00	\$0.00
52	8" PVC SEWER MAIN, SDR-35 (10'-12')	LF	476.00	\$38.00	\$18,088.00	476.00	\$18,088.00	\$0.00
53	8" PVC SEWER MAIN, SDR-35 (12'-14')	LF	96.00	\$38.00	\$3,648.00	96.00	\$3,648.00	\$0.00
54	8" PVC SEWER MAIN, SDR-26 (16'-18')	LF	82.00	\$44.00	\$3,608.00	82.00	\$3,608.00	\$0.00
55	8" PVC SEWER MAIN, SDR-26 (18'-20')	LF	136.00	\$60.00	\$8,160.00	136.00	\$8,160.00	\$0.00
56	PIPELINE ENCASEMENT (CONCRETE)	EA	1.00	\$450.00	\$450.00	1.00	\$450.00	\$0.00
57	REMOVE AND REPLACE 8' WIDE BIKE PATH SIDEWALK	SF	561.30	\$5.00	\$2,806.50	561.30	\$2,806.50	\$0.00
58	REMOVE ASPHALT SURFACING	SF	580.00	\$0.65	\$377.00	580.00	\$377.00	\$0.00
59	ASPHALT CONCRETE, CLASS G, TYPE 1, PG64-28	TON	36.00	\$125.00	\$4,500.00	36.00	\$4,500.00	\$0.00
60	AGGREGATE BASE COURSE	TON	28.00	\$24.00	\$672.00	28.00	\$672.00	\$0.00
61	REMOVE AND REPLACE REINFORCED CONC. APPROACH	SF	258.00	\$10.00	\$2,580.00	258.00	\$2,580.00	\$0.00
62	REMOVE EXISTING MANHOLE	EA	1.00	\$500.00	\$500.00	1.00	\$500.00	\$0.00
63	EROSION CONTROL, WATTLES ("PERMANENT" EROSION CONTROL)	EA	4.00	\$105.00	\$420.00	4.00	\$420.00	\$0.00

64	ROCK EXCAVATION	CY	250.00	\$25.00	\$6,250.00	1,457.70	\$36,442.50	\$30,192.50
65	TYPE "E" INLET (10-FOOT)	EA	1.00	\$5,500.00	\$5,500.00	1.00	\$5,500.00	\$0.00
66	12" RCP, CLASS II	LF	18.00	\$32.00	\$576.00	18.00	\$576.00	\$0.00
67	12" RCP, FLARED END SECTION	EA	1.00	\$735.00	\$735.00	1.00	\$735.00	\$0.00
68	CLASS I RIPRAP	CY	5.00	\$75.00	\$375.00	5.00	\$375.00	\$0.00
69	REMOVE STANDARD CURB AND GUTTER	LF	16.00	\$10.00	\$160.00	16.00	\$160.00	\$0.00
<b>TOTAL FOR BASE BID SCHEDULE #2 (WORDS AND FIGURES)</b>					\$112,201.50		\$149,456.00	\$37,254.50
<b>BASE BID SCHEDULE #3</b>								
70	CONNECT TO EXISTING WATER MAIN	EA	1.00	\$1,500.00	\$1,500.00	1.00	\$1,500.00	\$0.00
71	6" PVC WATER MAIN, AWWA C-900, CLASS 150	LF	342.13	\$34.00	\$11,632.42	353.50	\$12,019.00	\$386.58
72	6" TAPPING TEE WITH VALVE	EA	1.00	\$3,800.00	\$3,800.00	1.00	\$3,800.00	\$0.00
73	10" 90 DEGREE BEND	EA	1.00	\$750.00	\$750.00	1.00	\$750.00	\$0.00
74	10" X 6" REDUCER	EA	1.00	\$570.00	\$570.00	1.00	\$570.00	\$0.00
75	6" GATE VALVE W/BOX (COMPLETE)	EA	1.00	\$775.00	\$775.00	1.00	\$775.00	\$0.00
76	6" 45 DEGREE BEND, WITH THRUST BLOCK	EA	3.00	\$420.00	\$1,260.00	3.00	\$1,260.00	\$0.00
77	6" 11.25 DEGREE BEND, WITH THRUST BLOCK	EA	1.00	\$425.00	\$425.00	1.00	\$425.00	\$0.00
78	6" HIGH DEFLECTION COUPLING	EA	2.00	\$140.00	\$280.00	1.00	\$140.00	(\$140.00)
79	CATHODIC PROTECTION OF WATER MAIN, COMPLETE	LS	1.00	\$5,000.00	\$5,000.00	1.00	\$5,000.00	\$0.00
80	REMOVE AND REPLACE 4" THICK GRAVEL SURFACE	SF	926.00	\$1.00	\$926.00	926.00	\$926.00	\$0.00
81	ROCK EXCAVATION	CY	55.00	\$25.00	\$1,375.00	17.50	\$437.50	(\$937.50)
81-A	SEEDING, FERTILIZING, MULCH	SY		\$2.00	\$0.00	590.00	\$1,180.00	\$1,180.00
<b>TOTAL FOR BASE BID SCHEDULE #3 (WORDS AND FIGURES)</b>					\$28,293.42		\$28,782.50	\$489.08

	<b>BASE BID SCHEDULE #4</b>								
82	CONNECT TO EXISTING SEWER SERVICE	EA	1.00	\$425.00	\$425.00	1.00	\$425.00	\$0.00	
83	6" PVC SEWER SERVICE	LF	274.00	\$25.00	\$6,850.00	274.00	\$6,850.00	\$0.00	
84	6" PVC SEWER SERVICE CLEANOUTS	EA	4.00	\$210.00	\$840.00	4.00	\$840.00	\$0.00	
85	DEEP SEWER SERVICE CONNECTION	EA	1.00	\$5,000.00	\$5,000.00	1.00	\$5,000.00	\$0.00	
86	REMOVE AND DISPOSE OF SEPTIC TANK	EA	1.00	\$1,500.00	\$1,500.00	1.00	\$1,500.00	\$0.00	
86-A	SEEDING, FERTILIZING, MULCH	EA		\$2.00	\$0.00	635.00	\$1,270.00	\$1,270.00	
<b>TOTAL FOR BASE BID SCHEDULE #4 (WORDS AND FIGURES)</b>							\$14,615.00	\$15,885.00	\$1,270.00
<b>TOTAL FOR BASE BID</b>							<b>\$513,195.32</b>	<b>\$552,472.67</b>	<b>\$39,277.35</b>

C.C.O. HISTORY INCREASE/(DECREASE)			PRIOR ADJUSTED CONTRACT PRICE :	\$513,195.32
	CCO #1 FINAL	\$39,277.35	NET INCREASE/(DECREASE):	\$39,277.35
		\$0.00	ADJUSTED CONTRACT PRICE:	\$552,472.67
		\$0.00	CHANGE TO DATE:	\$39,277.35

CONTRACTOR: MAINLINE CONTRACTING, INC P.O. BOX 3448 RAPID CITY, SD 57709	DATE
PROJECT MANAGER: KALE R. MCNABOE (SPERLICH CONSULTING, INC.)	DATE
CITY ENGINEER: DALE TECH	DATE
MAYOR: ALAN HANKS	DATE
FINANCE: JAMES PRESTON	DATE
CONTRACT TIME CHANGE +/-: 0	NEW CONTRACT TIME: Days

City Staff recommends approval of this Change Order #1 Final to MAINLINE CONTRACTING, INC. for an increase of \$39,277.35 based on unit pricing with the following appropriation:

Initial Funding	\$473,693.79	\$39,501.53	\$0.00	\$0.00	\$513,195.32
Fund Type	Sanitary Sewer	Water			
Fund	0604	0602			
Department	0834	0933			
Line Item	4380	4381			
CCO #1 FINAL	\$36,253.01	\$3,024.34			\$39,277.35
CCO #					\$0.00
CCO #					\$0.00
Adjusted Funding	\$509,946.80	\$42,525.87	\$0.00	\$0.00	\$552,472.67

**CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #1 FINAL  
CATRON BOULEVARD SANITARY SEWER MAIN EXTENSION  
PROJECT NO. SS06-1635 / CIP NO. 50671  
JUNE 6, 2008  
ORIGINAL CONTRACT AMOUNT: \$513,195.32  
CONTRACTOR: MAINLINE CONTRACTING, INC.**

LINE ITEM	DESCRIPTION	REASON FOR CHANGE
10	BORROW, IMPORTED (TRENCH)	Not Used
11	TYPE I BEDDING	Not Used
12	TYPE II FOUNDATION MATERIAL	Not Used
13	HAULING AND PLACING CO-COMPOST	Revised Estimate of Quantity to Provide Plans Coverage
16	CONTROLLED LOW STRENGTH BACKFILL (IN PLACE)	Not Used
17	AASHTO T-180 SOIL TEST	Uniformity of Soil Types Required Fewer Tests
25	EXTRA DROP MANHOLE DEPTH, 48" DIA	Additional 4-feet of manhole barrel required to achieve final grade to match sidewalk installed after plans were prepared.
39	ASPHALT CONCRETE, CLASS G, TYPE 1, PG64-28	Reduced asphalt quantity required
41	EROSION CONTROL SILT FENCE ("PERMANENT" EROSION CONTROL)	Not Used
43	ROCK EXCAVATION	Additional rock encountered during construction
49	SEEDING, FERTILIZING, MULCH	Additional seed, fertilize, mulch required beyond initial estimate
69	ROCK EXCAVATION	Additional rock encountered during construction
78	6" PVC WATER MAIN, AWWA C-900, CLASS 150	Additional 11.37 feet of 10-inch water main installed at 6-inch unit price
85	6" HIGH DEFLECTION COUPLING	One less HDC used than estimated
88	ROCK EXCAVATION	Less rock encountered during construction than estimated

PREPARED BY: Kale McNaboe

DATE: \_\_\_\_\_