

## CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER # 2F

WATER WELL NO. 12

PROJECT NO. W02-1156

NOVEMBER 25, 2002

ORIGINAL CONTRACT AMOUNT: \$ 236,303.00

CONTRACTOR: WATER SYSTEM DRILLING INC.

LINE ITEM	DESCRIPTION	UNIT	CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
1	DRILLING 22" BOREHOLE	LF	32	\$125.00	\$4,000.00	32	\$4,000.00	\$0.00
2	FURNISHING AND SETTING 18-5/8" DIAMETER 78.5# CASING (SUBSTITUTE CASING DATA)	LF	32	\$50.00	\$1,600.00	32	\$1,600.00	\$0.00
3	DRILLING 17-1/2" BOREHOLE	LF	904	\$67.50	\$61,020.00	904	\$61,020.00	\$0.00
4	CASING (SUBSTITUTE CASING DATA)	LF	936	\$29.00	\$27,144.00	936	\$27,144.00	\$0.00
5	DRILLING 12-1/4" BOREHOLE	LF	391	\$50.00	\$19,550.00	391	\$19,550.00	\$0.00
6	94# BAGS OF CEMENT USED FOR GROUTING 18" CASING	BAG	65	\$50.00	\$3,250.00	65	\$3,250.00	\$0.00
7	94# BAGS OF CEMENT USED FOR GROUTING 13" CASING	BAG	750	\$25.00	\$18,750.00	750	\$18,750.00	\$0.00
8	TEST PUMPING	HOUR	12	\$400.00	\$4,800.00	28.75	\$11,500.00	\$6,700.00
9	MISCELLANEOUS AND INCIDENTAL WORK	LS	1	\$25,000.00	\$25,000.00	1	\$25,000.00	\$0.00
10	MOBILIZATION	LS	1	\$15,000.00	\$15,000.00	1	\$15,000.00	\$0.00
TOTAL BASE BID					\$180,114.00		\$186,814.00	\$6,700.00
<b>ADD ALTERNATE NO. 1 - WELL LOGGING</b>								
1.1	GAMMA RAY-NEUTRON LOG	LS	1	\$1,200.00	\$1,200.00	1	\$1,200.00	\$0.00
1.2	S.P. RESISTIVITY LOG	LS	1	\$1,200.00	\$1,200.00	1	\$1,200.00	\$0.00
1.3	BOND LOG	LS	1	\$1,700.00	\$1,700.00	1	\$1,700.00	\$0.00
1.4	CALIPER LOG	LS	1	\$3,000.00	\$3,000.00	1	\$3,000.00	\$0.00
1.5	DRILLING RIG STANDBY TIME	HOUR	12	\$200.00	\$2,400.00	12	\$2,400.00	\$0.00
TOTAL ALTERNATE NO. 1					\$9,500.00		\$9,500.00	\$0.00

<b>ADD ALTERNATE NO. 2 - ACIDIZATION</b>								
2.1	MOBILIZATION AND SETUP	LS	1	\$2,500.00	\$2,500.00	1	\$2,500.00	\$0.00
2.2	HYDROCHLORIC ACID TREATMENT	GAL	12,000	\$3.25	\$39,000.00	12,000	\$39,000.00	\$0.00
2.3	DRILLING RIG STANDBY TIME	HOUR	24	\$200.00	\$4,800.00	24	\$4,800.00	\$0.00
2.4	PACKER RENTAL FOR SEALING BOREHOLE	LS	1	\$3,000.00	\$3,000.00	1	\$3,000.00	\$0.00
TOTAL ALTERNATE NO. 2					\$49,300.00		\$49,300.00	\$0.00
TOTAL BASE PLUS ALT. 1 & ALT. 2					\$238,914.00		\$245,614.00	\$6,700.00
<b>CHANGE ORDER #1</b>								
3.1	SETTING TOOL, 40.50 # J-55 LINER CASING, 2 STEEL CEMENT BASKETS FOR SHALE TRAPS AT BOTTOM OF LINER, COMPLETE WITH ALL INSTALLATION.	LS	1	\$23,780.00	\$23,780.00	1	\$23,780.00	\$0.00
<b>TOTAL</b>					\$262,694.00		\$269,394.00	\$6,700.00

C.C.O. HISTORY INCREASE/(DECREASE)		PRIOR ADJUSTED CONTRACT PRICE :	\$262,694.00
CCO #1	\$26,391.00	NET INCREASE/(DECREASE):	\$6,700.00
CCO #2			
CCO #3		ADJUSTED CONTRACT PRICE:	\$269,394.00
PRIOR TOTAL =	\$26,391.00	CHANGE TO DATE:	\$6,700.00

CONTRACTOR: _____ WATER SYSTEM DRILLING INC. (by)	DATE: _____
ENGINEER: _____ PHIL NICHOLS ASSOCIATES (by)	DATE: _____

MAYOR: \_\_\_\_\_

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

FINANCE: \_\_\_\_\_

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

CONTRACT TIME CHANGE +/-: 0

NEW CONTRACT TIME: Days

**CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #2F**

**WATER WELL NO. 12**

**PROJECT NO. W02-1156**

**NOVEMBER 25, 2002**

**ORIGINAL CONTRACT AMOUNT: \$ 236,303.00**

**CONTRACTOR: WATER SYSTEM DRILLING INC.**

LINE ITEM	DESCRIPTION	REASON FOR CHANGE
8	TEST PUMPING	ADDITIONAL PUMP TESTING TO CLEAN WELL

PREPARED BY: \_\_\_\_\_  
Daniel L. Bjerke

DATE: \_\_\_\_\_  
December 3, 2002