


**CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #1
 WATER RESERVOIR MAINTENANCE
 PROJECT NO. W10-1879 / CIP NO. 50804
 NOVEMBER 16, 2012
 ORIGINAL CONTRACT AMOUNT: \$422,605.00
 CONTRACTOR: R.C.S. CONSTRUCTION, INC.**

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
1	VERTICAL CONCRETE SURFACE REPAIRS (ROBBINSDALE RESERVOIR)	SF	34.00	\$60.00	\$2,040.00	110.80	\$6,648.00	\$4,608.00
2	EXTERIOR CRACK TREATMENT (ROBBINSDALE RESERVOIR)	LF	1,256.00	\$8.00	\$10,048.00	1,421.40	\$11,371.20	\$1,323.20
3	EXTERIOR COATING (ROBBINSDALE RESERVOIR)	EA	1.00	\$56,000.00	\$56,000.00	1.00	\$56,000.00	\$0.00
4	INTERIOR CRACK TREATMENT (ROBBINSDALE RESERVOIR)	LF	704.00	\$18.00	\$12,672.00	704.00	\$12,672.00	\$0.00
5	INTERIOR COATING (ROBBINSDALE RESERVOIR)	EA	1.00	\$123,000.00	\$123,000.00	1.00	\$123,000.00	\$0.00
6	ALUMINUM GUARDRAIL (ROBBINSDALE RESERVOIR)	EA	1.00	\$5,900.00	\$5,900.00	1.00	\$5,900.00	\$0.00
7	STAINLESS STEEL INTERIOR LADDER (ROBBINSDALE RESERVOIR)	EA	1.00	\$8,000.00	\$8,000.00	1.00	\$8,000.00	\$0.00
8	VERTICAL CONCRETE SURFACE REPAIRS (ARROWHEAD RESERVOIR)	SF	238.00	\$68.00	\$16,184.00	150.30	\$10,220.40	(\$5,963.60)
9	COVER COAT CHAMFERING (ARROWHEAD RESERVOIR)	LF	75.00	\$30.00	\$2,250.00	75.00	\$2,250.00	\$0.00
10	PRESTRESS WIRE REPAIR (ARROWHEAD RESERVOIR)	EA	5.00	\$920.00	\$4,600.00	2.00	\$1,840.00	(\$2,760.00)
11	WALL MANWAY REPLACEMENT (ARROWHEAD RESERVOIR)	EA	1.00	\$13,800.00	\$13,800.00	1.00	\$13,800.00	\$0.00
12	WALL MANWAY STRESS PLATE (ARROWHEAD RESERVOIR)	EA	1.00	\$7,000.00	\$7,000.00	1.00	\$7,000.00	\$0.00
13	INTERIOR CRACK AND JOINT TREATMENT (ARROWHEAD RESERVOIR)	LF	592.00	\$17.00	\$10,064.00	592.00	\$10,064.00	\$0.00
14	INTERIOR COATING (ARROWHEAD RESERVOIR)	SF	400.00	\$20.00	\$8,000.00	400.00	\$8,000.00	\$0.00
15	EXTERIOR COATING (ARROWHEAD RESERVOIR)	EA	1.00	\$56,000.00	\$56,000.00	1.00	\$56,000.00	\$0.00

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE
16	ALUMINUM GUARDRAIL (ARROWHEAD RESERVOIR)	EA	1.00	\$6,700.00	\$6,700.00	1.00	\$6,700.00	\$0.00
17	ALUMINUM EXTERIOR LADDER (ARROWHEAD RESERVOIR)	EA	1.00	\$10,600.00	\$10,600.00	1.00	\$10,600.00	\$0.00
18	STAINLESS STEEL INTERIOR LADDER (ARROWHEAD RESERVOIR)	EA	1.00	\$3,400.00	\$3,400.00	1.00	\$3,400.00	\$0.00
19	STORM DRAIN INLET (TYPE C)	EA	1.00	\$4,500.00	\$4,500.00	1.00	\$4,500.00	\$0.00
20	STORM DRAIN INLET (TYPE M)	EA	3.00	\$4,400.00	\$13,200.00	3.00	\$13,200.00	\$0.00
21	STORM MANHOLE	EA	2.00	\$7,000.00	\$14,000.00	2.00	\$14,000.00	\$0.00
22	SLOPED END SECTION	EA	1.00	\$925.00	\$925.00	1.00	\$925.00	\$0.00
23	15" REINFORCED CONCRETE PIPE	LF	157.00	\$40.00	\$6,280.00	161.00	\$6,440.00	\$160.00
24	21" REINFORCED CONCRETE PIPE	LF	252.00	\$85.00	\$21,420.00	241.00	\$20,485.00	(\$935.00)
25	27" REINFORCED CONCRETE PIPE	LF	36.00	\$72.00	\$2,592.00	34.00	\$2,448.00	(\$144.00)
26	RIPRAP CLASS II	CY	14.00	\$245.00	\$3,430.00	14.00	\$3,430.00	\$0.00
27	REVISED INTERIOR COATING (ARROWHEAD RESERVOIR)	EA	0.00	\$0.00	\$0.00	1.00	\$9,316.33	\$9,316.33
28	ALTERNATE VERTICAL SURFACE REPAIR (ROBBINSDALE RESERVOIR)	EA	0.00	\$0.00	\$0.00	1.00	\$600.00	\$600.00
29	ROOF FRAME REPAIR (ROBBINSDALE RESERVOIR)	EA	0.00	\$0.00	\$0.00	1.00	\$345.22	\$345.22
30	VALVE VAULT COATING (ARROWHEAD AND ROBBINSDALE RESERVOIRS)	EA	0.00	\$0.00	\$0.00	1.00	\$873.29	\$873.29
TOTAL					\$422,605.00		\$430,028.44	\$7,423.44

C.C.O. HISTORY INCREASE/(DECREASE)		PRIOR ADJUSTED CONTRACT PRICE :	\$422,605.00
CCO #1	\$7,423.44	NET INCREASE/(DECREASE):	\$7,423.44
	\$0.00	ADJUSTED CONTRACT PRICE:	\$430,028.44
	\$0.00	CHANGE TO DATE:	\$7,423.44


11/20/12
 CONTRACTOR: RCS CONSTRUCTION DATE

PROJECT MANAGER: DAN COON, P.E. DATE

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

MAYOR: SAM KOOIKER DATE

FINANCE: PAULINE SUMPTION DATE

CONTRACT TIME CHANGE +/-: 10 NEW CONTRACT TIME: New interim deadline for Arrowhead Reservoir Interior repairs only is December 24, 2012.

City Staff recommends approval of this Change Order #1 to RCS Construction for an increase of \$7,423.44 based on unit pricing with the following appropriation:

Initial Funding	\$422,605.00				\$422,605.00
Fund Type	Water				
Department	0933				
Line Item	4320				
Fund	0602				
CCO #1	\$7,423.44				\$7,423.44
Adjusted Funding	\$430,028.44			\$430,028.44	\$430,028.44

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CONTRACTOR: R.C.S. CONSTRUCTION, INC.**

LINE ITEM	DESCRIPTION	REASON FOR CHANGE
1	VERTICAL CONCRETE SURFACE REPAIRS (ROBBINSDALE RESERVOIR)	Quantity used in accordance with actual field conditions.
2	EXTERIOR CRACK TREATMENT (ROBBINSDALE RESERVOIR)	Quantity used in accordance with actual field conditions.
8	VERTICAL CONCRETE SURFACE REPAIRS (ARROWHEAD RESERVOIR)	Quantity used in accordance with actual field conditions.
10	PRESTRESS WIRE REPAIR (ARROWHEAD RESERVOIR)	Quantity used in accordance with actual field conditions.
23	15" REINFORCED CONCRETE PIPE	Quantity used in accordance with actual field conditions.
24	21" REINFORCED CONCRETE PIPE	Quantity used in accordance with actual field conditions.
25	27" REINFORCED CONCRETE PIPE	Quantity used in accordance with actual field conditions.
27	REVISED INTERIOR COATING (ARROWHEAD RESERVOIR)	Use of System 6 instead of System 7 for interior coating repair at Arrowhead Reservoir.
28	ALTERNATE VERTICAL SURFACE REPAIR (ROBBINSDALE RESERVOIR)	Repair of irregular exterior surfaces at Robbinsdale Reservoir for which no contracted repair method existed.
29	ROOF FRAME REPAIR (ROBBINSDALE RESERVOIR)	Repair and coating of roof vent frame at the Robbinsdale Reservoir.
30	VALVE VAULT COATING (ARROWHEAD AND ROBBINSDALE RESERVOIRS)	Conduct surface preparation and coating of the Robbinsdale and Arrowhead Reservoir valve vaults and components.

PREPARED BY: Dan Coon, P.E.

DATE: November 16, 2012

		FUNDING TYPE	
		Water	
		COST CENTER	
		0933	
		LINE ITEM	
		4320	
		FUND	
		0602	
ITEM NO.	DESCRIPTION OF ITEM	AMOUNT	PERCENT
1	VERTICAL CONCRETE SURFACE I	4,608.00	100%
2	EXTERIOR CRACK TREATMENT (F	1,323.20	100%
3	EXTERIOR COATING (ROBBINSDA	0.00	100%
4	INTERIOR CRACK TREATMENT (R	0.00	100%
5	INTERIOR COATING (ROBBINSDA	0.00	100%
6	ALUMINUM GUARDRAIL (ROBBINS	0.00	100%
7	STAINLESS STEEL INTERIOR LAD	0.00	100%
8	VERTICAL CONCRETE SURFACE I	-5,963.60	100%
9	COVER COAT CHAMFERING (ARR	0.00	100%
10	PRESTRESS WIRE REPAIR (ARRO	-2,760.00	100%
11	WALL MANWAY REPLACEMENT (A	0.00	100%
12	WALL MANWAY STRESS PLATE (A	0.00	100%
13	INTERIOR CRACK AND JOINT TRE	0.00	100%
14	INTERIOR COATING (ARROWHEA	0.00	100%
15	EXTERIOR COATING (ARROWHEA	0.00	100%

16	ALUMINUM GUARDRAIL (ARROWHEAD AND ROBBINSDALE RE)	0.00	100%
17	ALUMINUM EXTERIOR LADDER (ARROWHEAD AND ROBBINSDALE RE)	0.00	100%
18	STAINLESS STEEL INTERIOR LADDER (ARROWHEAD AND ROBBINSDALE RE)	0.00	100%
19	STORM DRAIN INLET (TYPE C)	0.00	100%
20	STORM DRAIN INLET (TYPE M)	0.00	100%
21	STORM MANHOLE	0.00	100%
22	SLOPED END SECTION	0.00	100%
23	15" REINFORCED CONCRETE PIPE	160.00	100%
24	21" REINFORCED CONCRETE PIPE	-935.00	100%
25	27" REINFORCED CONCRETE PIPE	-144.00	100%
26	RIPRAP CLASS II	0.00	100%
27	REVISED INTERIOR COATING (ARROWHEAD AND ROBBINSDALE RE)	9,316.33	100%
28	ALTERNATE VERTICAL SURFACE	600.00	100%
29	ROOF FRAME REPAIR (ROBBINSDALE RE)	345.22	100%
	VALVE VAULT COATING (ARROWHEAD AND ROBBINSDALE RE)		
		\$6,550.15	