

CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #2

PW022812-03

KEPPS RESERVOIR CONTROL VALVE STATION

PROJECT NO. W10-1845 / CIP NO. 50784

FEBRUARY 20, 2012

ORIGINAL CONTRACT AMOUNT: \$437,000.00

CONTRACTOR: DEAN KURTZ CONSTRUCTION CO.

LINE ITEM	DESCRIPTION	UNIT	CURRENT CONTRACT QUANTITY	UNIT PRICE	EXTENDED PRICE	ADJUSTED QUANTITY	ADJUSTED PRICE	NET CHANGE	
1	KEPPS RESERVOIR CONTROL VALVE STATION as described in the contract documents. The Total Bid Price shall include the entire project work, including all sitework, structures, mechanical systems, equipment, electrical systems, start-up, training and related work.	LS	1.00	\$437,000.00	\$437,000.00	1.00	\$437,000.00	\$0.00	
2	Adjust elevation at existing 8" reservoir piping	LS	1.00	\$4,295.00	\$4,295.00	1.00	\$4,295.00	\$0.00	
3	RFP #2 - Door Hardware Upgrade	LS	0.00	\$1,132.00	\$0.00	1.00	\$1,132.00	\$1,132.00	
4	RFP #3 - Guardrail	LS	0.00	\$4,653.00	\$0.00	1.00	\$4,653.00	\$4,653.00	
5	RFP #4 - Electrical Modifications	LS	0.00	\$1,211.00	\$0.00	1.00	\$1,211.00	\$1,211.00	
6	RFP #5 - Skyline Vault Heater	LS	0.00	\$830.00	\$0.00	1.00	\$830.00	\$830.00	
<b>TOTAL</b>							<b>\$441,295.00</b>	<b>\$449,121.00</b>	<b>\$7,826.00</b>

C.C.O. HISTORY INCREASE/(DECREASE)		PRIOR ADJUSTED CONTRACT PRICE :		\$441,295.00
CCO #1	\$4,295.00	NET INCREASE/(DECREASE):		\$7,826.00
CCO #2	\$7,826.00	ADJUSTED CONTRACT PRICE:		\$449,121.00
	\$0.00	CHANGE TO DATE:		\$12,121.00

*Dean Kurtz*  
 CONTRACTOR: Dean Kurtz Construction, 1651 Rand Rd, Rapid City, SD 57702 - 343-6665 *2/22/12*  
DATE

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*Greg Wierenga*  
 CONSULTANT: Greg Wierenga, CETEC Engineering Services, 1560 Concourse Dr., Rapid City, SD 57703 *2/21/12*  
DATE

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*Klare Schroeder*  
 PROJECT MANAGER: KLARE SCHROEDER, P.E. DATE

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*Dale Tech*  
 CITY ENGINEER: DALE TECH, P.E. / L.S. *2-22-12*  
DATE

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MAYOR: SAM KOOIKER DATE

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FINANCE: PAULINE SUMPTION DATE

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CONTRACT TIME CHANGE +/-: 0      NEW CONTRACT TIME:      Days

City Staff recommends approval of this Change Order #2 to Dean Kurtz Construction for an increase of \$7,826.00 based on unit pricing with the following appropriation:

Initial Funding		\$437,000.00			\$437,000.00
Fund Type		Water			
Department		0933			
Line Item		4381			
Fund		0602			
CCO #1		\$4,295.00			\$4,295.00
CCO #2		\$7,826.00			\$7,826.00
					\$0.00
Adjusted Funding		\$449,121.00		\$449,121.00	\$449,121.00

**CITY OF RAPID CITY CONSTRUCTION CHANGE ORDER #2**  
**KEPPS RESERVOIR CONTROL VALVE STATION**  
**PROJECT NO. W10-1845 / CIP NO. 50784**  
**FEBRUARY 20, 2012**  
**ORIGINAL CONTRACT AMOUNT: \$437,000.00**  
**CONTRACTOR: DEAN KURTZ CONSTRUCTION CO.**

LINE ITEM	DESCRIPTION	REASON FOR CHANGE
3	RFP #2 - Door Hardware Upgrade	Add \$1,132.00. Project specifications did not include standard door hardware and lockset per City Water Department standards for entry door into new control building. This was a design omission. Work scope includes removing original cylinder lock, installing new stainless steel knob with latchset and deadbolt lock per Water Department standards.
4	RFP #3 - Guardrail.	Add \$4,653.00. Water Department has requested addition of protective guardrail at south side of site to protect new building from vehicles leaving Skyline Drive on hairpin turn at the site. Water Department has experienced reservoir fence damage on numerous occasions from out-of-control vehicles. The new control building is in line with previous off-road travel path. The guardrail is necessary to protect building and reduce City liability which may accrue from future similar events. The work consists of constructing 110 LF of W Beam guardrail plus associated site restoration.
5	RFP #4 - Electrical Modifications.	Add \$1,211.00. Electrical plans did not include necessary conduit between building electric service panel and exterior in-ground j-box for power feed to the remote Skyline control vault. Electrical plans did not include necessary thermostat for control of building ventilation system. These were design omissions. The added work is to provide and install the needed conduit and furnish and install the needed line voltage thermostat.
6	RFP #5 - Skyline Vault Heater.	Add \$830.00. Electrical design of the below-grade Skyline valve vault did not include supplemental heat for freeze protection at vault interior. Small diameter pilot tubing on the pressure reducing valve in the vault may be vulnerable to freezing in extreme cold. Supplemental electric heat in vault will prevent freezing of pilot tubing and maintain proper valve operation. This change is at the request of the Water Department.

Prepared By: Greg Wierenga, P.E.

Date: February 20, 2012

FUNDING TYPE		Water	
COST CENTER		0933	
LINE ITEM		4381	
FUND		0602	
ITEM NO.	DESCRIPTION OF ITEM	AMOUNT	PERCENT
1	KEPPS RESERVOIR CONTROL VALVE STATION as described in the contract documents. The Total Bid Price shall include the entire project work, including all sitework, structures, mechanical systems, equipment, electrical systems, start-up, training and related work.	0.00	100%
2	Adjust elevation at existing 8" reserve	0.00	100%
3	RFP #2 - Door Hardware Upgrade	1,132.00	100%
4	RFP #3 - Guardrail	4,653.00	100%
5	RFP #4 - Electrical Modifications	1,211.00	100%
6	RFP #5 - Skyline Vault Heater	830.00	100%
		\$7,826.00	