

DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: November 14, 2012

Board Item: V-A-13

**Change Order No. 6 with Gracon Corporation
for the Dillon Dam Outlet Works Gate Repairs
Contract 13327A**

Action by Consent

Action

Information

On January 19, 2011, the Board approved Contract 13327A in the amount of \$2,942,940.00 with Gracon Corporation to include the repair and maintenance of two 4-foot by 5-foot cast iron slide gates, two 4-foot by 5-foot steel slide gates, and two 27-inch by 27-inch cast iron slide gates. In addition, a new cathodic protection system was installed and repairs were made to the spalled spillway concrete lining.

The delay of work is necessary due to the 2012 drought conditions and lower than anticipated water elevation in Dillon Reservoir. The siphon system is unable to provide the minimum stream flow of 50 cubic-feet-per-second with the current reservoir level. The delayed work generally consists of work on the four 4 x 5-foot and two penstock gates. The negotiated costs of this delay of \$210,221.00 include escalation (General Contractor and Subcontractors performing work under delay), additional mobilization and demobilization, storage of the siphon system from July 2012 to July 2013 at Contractor's facility, redundant electrical and controls work, additional supervision and project management, and additional contractor fees, bonding, and insurance.

Change Order No. 6 contains the following modifications to the contract as described below:

- 1) Escalation for the original contract scope of work delayed one year for Gracon, Painters, Asbestos Abatement, and Roofers in the amount of \$36,742.00.
- 2) Remobilizations in the amount of \$64,756.00.
- 3) Storage of the new siphon system until July 2013 in the amount of \$7,490.00.
- 4) Redundant electrical work by Sturgeon in the amount of \$8,322.00.
- 5) Additional site supervision and project management in the amount of \$67,000.00.
- 6) Additional contractor fees, bonding, and insurance in the amount of \$25,911.00.

The 2013 Capital Improvement Plan (MPC 4AN0022) does not include sufficient funds for this project, and a variance will be required for the 2013 Capital Budget.

Recommendation

It is recommended that the Board approve Change Order No. 6 to Contract 13327A with Gracon Corporation, Inc. for the Dillon Dam Outlet Works Gate Repairs in the amount of \$210,221.00.

Budget Considerations

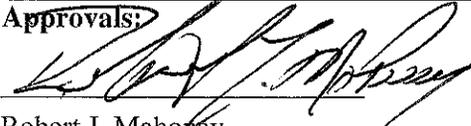
Master Plan Code(s): 4AN0022

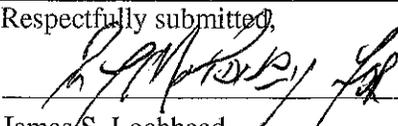
Budgeted Item Unbudgeted Item Funds transferred from another project:

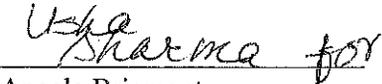
Budget Information

2013 Budget	\$	459,265.00
Amount Requested This Item	\$	210,221.00
YTD Expenditures (2013)	\$	0.00
Additional Expenditures Anticipated	\$	459,265.00
Revised 2013 Estimate	\$	669,486.00
Variance Required (2013 Budget)	\$	210,221.00

Approvals:


Robert J. Mahoney
Director of Engineering

Respectfully submitted,

James S. Lochhead
CEO/Manager


Angela Bricmont
Director of Finance