

**DENVER BOARD OF WATER COMMISSIONERS**

Meeting Date: July 11, 2012

Board Item: V-A-9

**Contract Amendment No. 1 with Gracon Corporation, Inc.  
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, Inc. 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, two other projects were being combined that included a new cathodic protection system to be installed and repairs made to the spalled spillway concrete lining.

On May 25, 2012, the Board of Commissioners received an email from Mr. Robert Mahoney to appraise the Commissioners of the required additional work covered under Contract Amendment No. 1. Engineering estimated the costs of the additional spillway repairs to be about \$100,000.00.

Contract Amendment No. 1 contains the following modifications to the contract as described below:

- 1) Modification of the scaffolding system to access the entire spillway elbow section. The spillway elbow section is a 15-foot diameter tunnel that transitions from vertical to horizontal, the new scaffolding system will allow access to repair the deteriorated concrete along the ceiling portion of the spillway in the amount of \$30,420.00.
- 2) Repair an additional 228.17 square feet of deteriorated concrete within the 15-foot diameter spillway tunnel. The work includes all labor, equipment, and material to remove deteriorated concrete, prepare the areas for new concrete, and placement of new concrete patches through shotcrete application. The work is being performed at a negotiated unit rate of \$286.90 per square feet in the amount of \$65,462.00.
- 3) Leave the existing barges and access scaffolding in the spillway outlet works for the duration of the project. Originally, this system was to be removed upon completion of the spillway repair work. Lake Dillon Fire and Rescue (LDFR) are requiring us to leave it in for safety and rescue purposes during the remaining work in tunnel and shaft. The first month payment will be \$7,766.00 and then a monthly rate will apply after at \$5,641.00 per month for 5 months not to exceed amount is \$35,971.00.

The total value of Contract Amendment No. 1 is \$131,853.00.

The 2012 Capital Improvement Plan (MPC 4AN0022, 2DD0006, 2AW0006) does not include funds for this project.

Recommendation:

It is recommended that the Board approve Contract Amendment No. 1 to Contract 13327A with Gracon Corporation, Inc. for the Dillon Dam Outlet Works Gate Repairs in the amount of \$131,853.00.

**Budget Considerations**

Master Plan Code(s): 4AN0022, 2DD0006, 2AW0006

Budgeted Item       Unbudgeted Item       Funds transferred from another project:

**Budget Information**

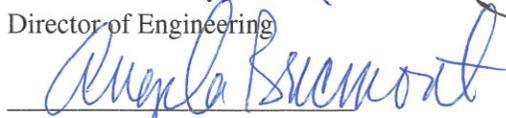
2012/2013 Budget	\$ 2,786,448.00
Previously Approved Changes	\$ 333,552.00
Revised 2012/2013 Budget	\$ 3,120,000.00
Amount Requested This Item	\$ 131,853.00
YTD Expenditures	\$ 397,845.00
Additional Expenditures Anticipated	\$ 2,752,475.00
Revised 2012/2013 Estimate	\$ 3,251,853.00
Variance Required	\$ 131,853.00

**Approvals:**

Respectfully submitted,

  
for Robert J. Mahoney  
Director of Engineering

  
James S. Lochhead  
CEO/Manager

  
Angela Bricmont  
Director of Finance