

DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: May 13, 2015

Board Item: II-A-10

Change Order No. 14 with Gracon Corporation for the Dillon Dam Outlet Works Gate Repairs Contract 13327A

Action by Consent

Action

Information

Summary:

On January 19, 2011, the Board approved Contract 13327A in the amount of \$2,942,940.00 with Gracon Corporation for the Dillon Dam Outlet Works Gate Repairs. The scope includes replacements and repairs to the HVAC and electrical systems, spillway repairs, modifications, repair and maintenance to all six gates, actuators, hydraulic, instrumentation and control systems; specifically refurbishing the four large, cast steel, guard and control slide gates, and the two 27-inch by 27-inch cast steel penstock slide gates. These gates control the release of all water to the West Slope out of Dillon Reservoir into the Blue River. Portions of the project were delayed for multiple years due to the drought conditions resulting in inadequate reservoir levels to operate the temporary bypass system.

Following the removal of the six gates for refurbishment, extensive damage and corrosion was revealed requiring immediate repair to correctly address the situation and place the gates back in service as quickly as possible. The repairs included 3-dimensional laser mapping on the gate frames to design and machine the new guard seals, weld filler ground smooth to provide the transition between the leaf substrate and the seal, repair and recoating of the existing tunnels between these gates, and ice mitigation to minimize risk to the siphon Glory Hole Spillway and the temporary bypass system. A fourteen day time extension is included with this extra work. The total value of Change Order No. 14 is \$254,519.00.

Budget Information:

The approval of this expenditure does not commit the Board to future year's expenditures that were not previously planned. The 2015 Capital Improvement Plan (MPC 4AN0022) does not include sufficient funds for this project, and a Project Budget Adjustment is required.

2015 Budget	\$	462,583.00
Amount Requested This Item	\$	254,519.00
YTD Expenditures	\$	249,764.35
Dollars Budgeted for Future Years	\$	0.00
Revised Estimate	\$	717,102.00
Project Budget Adjustment	\$	254,519.00

Selection of Business Partner:

This contract was a secure open-competitive bid conducted by using Invitation for Bids. Three General Contractors were pre-qualified to bid on the work. Three proposals were received on January 19, 2011 and the lowest qualified bid was submitted from Gracon Corporation. The Opinion of Probable Cost for the work was \$2,942,940.00. The Change Order work was added to the original contract work since it was inside the work limits of the original scope work and crews were already mobilized.

The Minority and Women Business Enterprise (MWBE) goal established for this construction project was 2% participation. Gracon Corporation achieved 4.79% MWBE participation.

Recommendation:

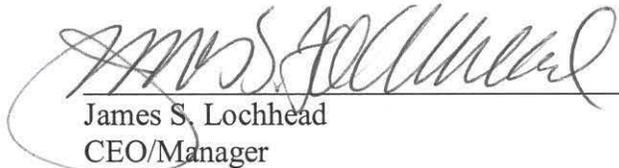
It is recommended that the Board approve Change Order No. 14 to Contract 13327A with Gracon Corporation for the Dillon Dam Outlet Works Gate Repairs Project for the contract period and for an addition of \$254,519.00 for a total amended contract amount not to exceed \$4,042,344.00.

Approvals:

Respectfully submitted,



Robert J. Mahoney
Director of Engineering



James S. Lochhead
CEO/Manager



Angela Bricmont
Director of Finance



Terri Bryant
Controller