

DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: February 8, 2012

Board Item: V-E-7

**Tabulation of Proposals for the
Dillon Dam Outlet Works Gate Repairs
Contract 13327A**

Action by Consent Action Information

On January 19, 2011, proposals were received for the Dillon Dam Outlet Works Gate Repairs. The project scope includes 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. Work generally includes refurbishing or replacing the oil hydraulic cylinders and carbon steel piping, gate leaf and frame seats, and improvements to the hydraulic power unit. Other work includes replacement of the electrical, instrumentation and control, and ventilation systems in the Control House and Gate Chamber. In addition, two other projects are being combined that include a new cathodic protection system to be installed and repairs made to the spalled spillway concrete lining. During construction, a Contractor designed, procured, maintained and operated bypass system will be installed to divert water around the outlet works to maintain the minimum stream flow in the Blue River. Extensive constructability and value engineering efforts were performed using inside and outside resources during the design phase which provided significant cost savings.

Three proposals were received with the most beneficial and lowest bid being submitted by Gracon Corporation of Loveland, Colorado in the amount of \$2,942,940.00. The Engineer's Estimate for the work was \$2,500,000.00 (Gate Work); \$120,000.00 (Cathodic Work); \$196,035.00 (Spillway Work); \$2,816,35.00 (Total Work).

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

The 2012 Capital Improvement Plan MPCs 4AN0022 (Gate Work), 2DC0006 (Cathodic Work), 2AW0006 (Spillway Work) combined does not include sufficient funds for this project. Unused funds in the amount of \$333,552.00 from MPC 1CE0965 will be used to supplement this project.

Recommendation

It is recommended that the Board award Contract 13327A to Gracon Corporation for the Dillon Dam Outlet Works Gate Repairs in the amount of \$2,942,940.00.

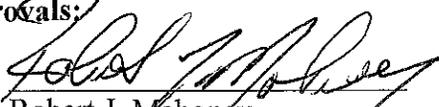
Budget Considerations Master Plan Code(s): 4AN0022, 2DC0006, 2AW0006

■ Budgeted Item □ Unbudgeted Item ■ Funds transferred from another project: 1CE0965

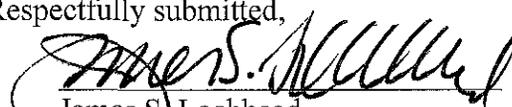
Budget Information

2012-2013 Budget	\$ 2,786,448.00
Transfer In	\$ 333,552.00
Revised 2012-2013 Budget	\$ 3,120,000.00
Amount Requested This Item	\$ 2,942,940.00
YTD Expenditures	\$ 2,880.00
Additional Expenditures Anticipated	\$ 174,180.00
Revised 2012 Estimate	\$ 3,120,000.00
Variance Required	\$ 0.00

Approvals:


Robert J. Mahoney
Director of Engineering

Respectfully submitted,


James S. Lochhead
CEOManager