

DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: July 24, 2013

Board Item: 2-A-1

**Tabulation of Proposals for the
Antero Dam Rehabilitation – Phase 1
Contract 14999A**

Action by Consent

Action

Information

On April 10, 2013, Engineering Staff proposed a plan to take advantage of timing and water supply conditions to rehabilitate Antero Dam. The Board concurred with the proposed approach presented. On July 16, 2013, proposals were received for the Antero Dam Rehabilitation – Phase 1 Project (Sand Filter Trench). The work includes furnishing and installing all labor, materials, and equipment for the construction of a sand filter trench through the Bio-Polymer slurry trench method.

Three contractors were provided with proposal packages, and three proposals were received. The selection team evaluated the proposals and determined that Geo-Solutions, Inc., of New Kensington, Pennsylvania, provided the best value in the amount of \$1,199,590.00. The Engineer’s Estimate for the work was \$1,861,295.00. Reasons for a conservative estimate include unknowns related to the remote location and specialty work.

The entire Antero Dam Rehabilitation Project will be phased to span three years of construction to level the required capital expenditures and to reduce the construction schedule risk associated with short summer construction seasons in a high altitude environment. The entire project includes the following activities:

- Phase 1 (this contract) - Provide a sand filter and seepage collection system;
- Phase 2A (2014) - Flatten the steep slopes to provide a stable embankment;
- Phase 2B (2015) - Install a Soil-Cement-Bentonite Slurry trench foundation cut-off to reduce seepage through the foundation;
- Phase 2B (2015) - Modify the outlet works and spillway to accommodate increased storage volume.

The Minority and Women Business Enterprise (MWBE) goal established for this construction project is 5% participation. Geo-Solutions, Inc. achieved 14.37% MWBE participation.

The 2013 Capital Improvement Plan (MPC 2AA0035) does not include sufficient funds related to construction for this work in 2013. Future expenditures have been budgeted in subsequent years. Staff will strive to not realize this variance to the 2013 Budget through budget management for the remainder of 2013.

Recommendation

It is recommended that the Board award Contract 14999A to Geo-Solutions, Inc. for the Antero Dam Rehabilitation - Phase 1 Project in the amount of \$1,199,590.00.

Budget Considerations

Master Plan Code(s): 2AA0035

Budgeted Item

Unbudgeted Item

Funds transferred from another project:

Budget Information

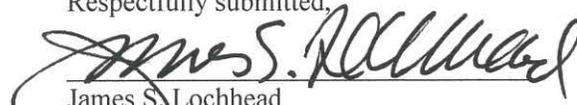
2013 Budget	\$ 771,881.00
Amount Requested This Item	\$ 1,199,590.00
YTD Expenditures	\$ 37,224.00
Additional 2013 Expenditures Anticipated	\$ 50,000.00
Revised 2013 Estimate	\$ 2,058,695.00
Variance Required	\$ 1,286,814.00
Revised 2013 Budget	\$ 2,058,695.00

Approvals:


Robert J. Mahoney
Director of Engineering


Angela Bricmont
Director of Finance

Respectfully submitted,


James S. Lochhead
CEO/Manager

 7/17/13
Terri Bryant, CPA
Controller