

DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: February 11, 2015

Agreement with HDR Engineering, Inc. for the Antero Dam Rehabilitation Phase IV Spillway Design Agreement 15893A

Board Item: II-A-10

Information Action by Consent Action Information

On January 8, 2015, Denver Water staff solicited proposals from five qualified consulting firms to provide civil engineering and design services for the Antero Dam Rehabilitation - Phase IV Spillway Design Project for Denver Water located in Park County Colorado. Proposals were received from three of the firms and reviewed by a selection committee comprised of Denver Water project team members for a quality-based selection. The Committee determined that HDR Engineering, Inc. provided Denver Water with a strong technical team and provides the highest value to Denver Water. An agreement has been negotiated with HDR Engineering, Inc. to provide professional services in the amount of \$502,752.00.

As determined during the Potential Failure Modes and Quantitative Risk Analysis performed in May 2014, this Spillway Design Project is necessitated by the need to address an unlined and erodible spillway. Specifically the work that will be completed will include: 1) hydraulic and alternatives analyses to determine the most cost effective solution; 2) geotechnical investigations for the selected alternative; and 3) design analyses and submittals in accordance with Denver Water and Colorado State Engineer's Office requirements. This work will be completed in coordination with work on the outlet works as part of Phase IV of the Antero Dam Rehabilitation.

Denver Water may elect to retain the selected firm for the bidding, construction, and construction closeout phases of the Project.

A strict Minority and Women Business Enterprise (MWBE) goal was not required but strongly encouraged for the design portion of the project. HDR Engineering, Inc. achieved 6.8% Small Business Enterprise (SBE) participation. MWBE participation will be required during project construction.

The 2015 Capital Improvement Plan (MPC 2AA0035) includes sufficient funds for the work to be performed in 2015. Funds for work scheduled later than 2015 will be allocated in the long term budget.

Recommendation

It is recommended the Board award Agreement 15893A to HDR Engineering, Inc. for the Antero Dam Rehabilitation Phase IV Spillway Design Project in the amount of \$502,752.00.

Budget Considerations Master Plan Code(s): 2AA0035

Budgeted Item Unbudgeted Item Funds transferred from another project:

Budget Information

Table with 2 columns: Budget Item, Amount. Rows include 2015 Budget, Amount Requested This Item, YTD Expenditures, Additional Expenditures Anticipated, Revised 2015 Estimate, and Resulting Project Budget Adjustment.

Approvals:

Signature of Robert J. Mahoney, Director of Engineering

Signature of Patti Wells, General Counsel

Respectfully submitted,

Signature of James S. Lochhead, CEO/Manager

Signature of Terri Bryant, CPA, Controller