

DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: November 12, 2014

Board Item: II-A-8

Agreement with URS Corporation for the Ralston Dam Outlet Works and Reservoir Bypass Pipeline Alternatives Study Agreement 15777A

☐ Action by Consent

☐ Action

☐ Information

The outlet works at Ralston Dam was initially constructed in the late 1930's and consists of a 60-inch steel pipe located in the right abutment of the dam that connects to a valve house. The total length of the outlet is about 950 feet including a gate chamber housing a 60-inch slide gate. The upstream 265 feet of the outlet works is not accessible as the 72-inch pivot valve at the intake structure is not operable. Therefore, this section of tunnel has never been inspected and its condition is unknown. Upgrading the outlet works will provide upstream control to meet current standards.

The Ralston Dam Outlet Works and Reservoir Bypass Pipeline Alternatives Study will: (1) provide an engineering evaluation of the outlet works inlet and pipe alternatives; (2) provide an engineering evaluation of bypass pipeline alternatives; (3) perform a peer review of a Denver Water provided valve house schematic layout; (4) develop a preliminary geotechnical exploration plan; and (5) develop construction sequencing alternatives, schedules, and cost estimates.

On September 15, 2014 proposals were received for the Ralston Dam Outlet Works and Reservoir Bypass Pipeline Alternatives Study. Three firms were selected to submit proposals from a field of five that responded to a publically advertised request for Statement of Qualifications (SOQ). The proposals were reviewed by a selection committee comprised of Denver Water project team members for a quality-based selection. The Committee determined that URS Corporation provided Denver Water with a strong technical team that included key subject matter experts with a thorough understanding of the work and lowest proposal cost for comparable professional services.

Depending on the performance of the firm and approval of funding for the project, Denver Water may elect to retain the selected firm for future phases of design work associated with the Ralston Outlet Works and Reservoir Bypass Pipeline Project.

No Minority and Women Business Enterprise (MWBE) goal was established for the design portion of the project. Participation will be required during project construction.

The 2014-2015 Capital Improvement Plan (MPC 2AW0001) includes sufficient funds for this project.

Recommendation

It is recommended the Board approve Agreement 15777A to URS Corporation for the Ralston Dam Outlet Works and Reservoir Bypass Pipeline Alternatives Study in the amount of \$294,370.00.

Budget Considerations

Master Plan Code(s): 2AW0001

■ Budgeted Item ☐ Unbudgeted Item ☐ Funds transferred from another project:

Budget Information

Table with 2 columns: Budget Item, Amount. Rows include 2014-2015 Budget, Amount Requested This Item, YTD Expenditures, Additional Expenditures Anticipated, Revised 2014-2015 Estimate, and Variance Required.

Approvals:

Signature of Robert J. Mahoney, Director of Engineering

Signature of Angela Briemont, Director of Finance

Respectfully submitted, Signature of James S. Lochhead, CEO/Manager

Signature of Terri Bryant, CPA, Controller