

Denver Board of Water Commissioners

Title:

FINAL DESIGN AGREEMENT WITH URS CORPORATION FOR THE MULTIPLE LEVEL OUTLET WORKS AT MARSTON RESERVOIR

Meeting Date: May 13, 2009

Contract/Proposal: 12328A

Action by Consent

Action

Information

This project includes Final Design Services for the Marston Multiple Level Outlet Works (MLOW). A new outlet structure is needed at the Marston Reservoir to replace aging infrastructure, to improve dam safety, and to allow selective raw water withdrawal from the reservoir. This project may also provide infrastructure to allow the reservoir to be drained for maintenance activities.

For the 30% Design Phase of this project, a consultant selection committee consisting of individuals from Engineering and Operations and Maintenance reviewed proposals from three prequalified firms that were known to have done similar projects in the past. Based on the review of the proposals, URS Corporation (URS) was selected for the 30% Design of this project. This Board Item requests contract authorization for URS to complete the project through final design.

During the 30% Design Phase, URS and Denver Water's Project Team identified \$12 million in savings from the previous preliminary design effort by eliminating a tunnel under the dam and utilizing a more conventional open-cut constitution method.

Funds for the final design are included in the 2009 Budget (MPC 1AB0007). The budgeted funds in 2009 will be supplemented with unused 2009 budgeted funds from the Conduit 303 Distribution Pipe Project (1BC 0041) in the amount of \$272,354.00. Once completed, the final design can be approved by the State Engineer's Office in 2010, allowing project construction when it fits in the outage schedule with other Denver Water projects.

An Agreement has been negotiated with URS Corporation to provide final design services in the amount of \$464,927.00.

RECOMMENDATION

It is recommended that the Board approve entering into the attached Agreement 12328A with URS Corporation in the amount of \$464,927.00 to perform Final Design Services for the MLOW Project at the Marston Reservoir.

Budget Considerations


Master Plan Code(s): 1AB0007

Budgeted Item Unbudgeted Item Funds transferred from another project:

Budget Information

2009 Budget	\$377,646.00
Transfer In	\$272,354.00
Revised 2009 Budget	\$650,000.00
Amount Requested This Item	\$464,927.00
YTD Expenditures	\$154,019.00
Additional Expenditures Anticipated	\$31,054.00
Revised 2009 Estimate	\$650,000.00
Variance Required	\$0.00

Approvals:


 Robert J. Mahoney
 Director of Engineering


 Manager