

DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: October 28, 2009

Board Item: 2-A-2

**TABULATION OF BIDS  
CHEESMAN DAM UPSTREAM CONTROL PROJECT – PHASE I  
CONTRACT 11577A**

Action by Consent

Action

Information

On September 23, 2009, proposals were received for the Cheesman Dam Upstream Control Project – Phase I. The project consists of installation of three new upstream slide gates and trashracks at the tunnel intakes, a new control building on the dam abutment, and new electrical and control upgrades throughout the facility.

Two proposals were received with the low proposal being submitted by Global Diving & Salvage, Inc. of Seattle, Washington, in the amount of \$12,736,904.00. Denver Water Staff is requesting approval of a 3% contingency allowance (\$380,000.00) to be administered as needed by Staff and subsequently reported back to the Board. The Engineer’s Estimate for the work was \$10,934,149.00.

The project is a unique endeavor, as it is large capital improvement project taking place in an underwater environment. The slide gate and trashrack installations compose a majority of the project and will be accomplished by specialized underwater construction techniques and diving operations. Only a select handful of organizations throughout the nation have the ability to travel inland with the specialized equipment required for underwater construction work. The depth of the required diving and the altitude at the site offer additional complexities. Further, Denver Water’s design of the new improvements is based on historical survey information from the late 1890’s and early 1900’s updated by recent underwater survey information. This data may present construction/design issues during construction.

Completion of this project will assist in mitigating Hayman Fire sediments, provide upstream control at the facility, increase operator safety and overall dam safety, reduce operational risk, and provide an upgraded electrical and control system throughout the site.

*The Minority and Women Business Enterprise (MWBE) goal for this project has been established as 5% participation of the Phase 1A portion of the project. Global Diving & Salvage, Inc. achieved 11.3% MWBE participation.*

The 2009/2010 Capital Improvement Plan (MPC 1AB0012) includes funds for this project.

**RECOMMENDATION**

It is recommended the Board award Contract 11596A to Global Diving & Salvage, Inc. for Cheesman Dam Upstream Control Project – Phase I in the amount of \$12,736,904.00 and a contingency allowance in the amount of \$380,000.00.

**Budget Considerations**

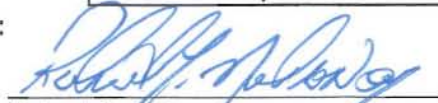
Master Plan Code(s): 1AB0012

● Budgeted Item ○ Unbudgeted Item ○ Funds transferred from another project:

**Budget Information**

2009/2010 Budget	\$15,792,369.00
Amount Requested This Item	\$13,116,904.00
YTD Expenditures	\$620,849.00
Additional Expenditures Anticipated	\$2,054,616.00
Revised 2009/2010 Estimate	\$15,792,369.00
Variance Required	\$.00

Approvals:

  
Robert J. Mahoney  
Director of Engineering

  
Manager Approval