

DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: April 14, 2010

Board Item V-E-5

**TABULATION OF PROPOSALS  
PROVIDE DREDGING SERVICES FOR REMOVAL OF SEDIMENT  
IN STRONTIA SPRINGS RESERVOIR  
CONTRACT 12650A**

Action by Consent

Action

Information

On March 19, 2010, one proposal was received from the five prequalified firms to provide dredging services for removal of sediment in Strontia Springs Reservoir. The project consists of dredging a target in-situ volume of 625,000 cubic yards of sediments from the upstream portion of Strontia Springs Reservoir, pumping the sediments to a sediment management site at the Kassler Sand Filter Beds, dewatering the slurry, treating and discharging carrier water, placing dewatered sediment in the Sediment Management Area, and seeding and stabilizing the sediment spoils piles.

The single bid was received by Severson Environmental Services (Severson) of Niagara Falls, New York. Following negotiations with Denver Water staff, the final contract amount is \$30,046,500. The 2008 Engineer's Estimate of \$24,600,000 was based on a preliminary design and excluded water treatment of the carrier water.

*The Minority and Women Business Enterprise (MWBE) goal for this project has been established as 5% participation of the total project amount. Severson achieved 5.9% MWBE participation.*

The 2010 and 2011 Capital Improvement budgets (MPC 4AN0002) includes funds for this project. The 2010 and 2011 budgets were \$7.9 million and \$16.7 million, respectively. Severson estimates they will spend \$6.9 million in 2010 and \$23.1 million in 2011. The 2011 Capital Improvement budget will be updated with Severson's estimated expenditures.

Denver Water estimates 200,000 cubic yards of material could be dredged beyond the 625,000 cubic yard base contract. Denver Water staff will assess dredging progress and make the appropriate recommendation to the Board in 2011.

**RECOMMENDATION**

It is recommended the Board award Contract 12650A to Severson Environmental Services, Inc to provide dredging service for removal of sediment in Strontia Springs Reservoir in the amount of \$30,046,500.

**Budget Considerations**

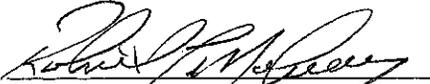
Master Plan Code(s): 4AN0002

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

**Budget Information**

2010/2011 Budget	\$24,862,248.00
Amount Requested This Item	\$30,046,500.00
YTD Expenditures	\$113,412.00
Additional Expenditures Anticipated	\$1,340,088.00
Revised 2010/2011 Estimate	\$31,500,000.00
Variance Required	\$6,637,752.00

Approvals:

  
Robert J. Mahoney  
Director of Engineering

  
Manager Approval