

DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: March 9, 2011

Board Item: V-A-5

**CHANGE ORDER NO. 1
WITH SEVENSON ENVIRONMENTAL SERVICES, INC.
TO PROVIDE DREDGING SERVICES FOR
REMOVAL OF SEDIMENT IN STRONTIA SPRINGS RESERVOIR
CONTRACT 12650A**

Action by Consent

Action

Information

On April 14, 2010, the Board approved Contract 12650A in the amount of \$30,046,500.00 with Severson Environmental Services, Inc. to provide dredging services for removal of sediment in Strontia Springs Reservoir. The project consists of removal by dredging of approximately 625,000 cubic yards of sediment from the reservoir and transport by pumping to the Kassler filter beds for dewatering and stockpiling.

Change Order No. 1 contains various modifications to the contract as described below:

- The original dredging dewatering plant discharge water treatment requirement is eliminated.
- An alternate discharge conveyance will be added to convey the dredging slurry dewatering plant discharge across the South Platte River in a pipeline to the Denver Water owned Platte Canyon Reservoir for final settling and subsequent discharge to the raw water supply system.
- Reimburse the Contractor for additional treatability studies completed on reservoir sediments to determine an optimum slurry treatment process. Reimburse the Contractor for additional engineering, permit development, and process design services to optimize slurry treatment and meet regulatory requirements associated with the final sediment dewatering process selection. Reimburse the Contractor for bag filter equipment procured for the original water treatment process and not used on the project.
- Lead paint found on the existing Kassler Filter Pump Houses that were slated for demolition required abatement. Additional costs incurred by the Contractor to provide for compliance with regulatory requirements.
- The Contractor shall furnish and maintain a skiff for the Engineer's use during the dredging operations to monitor the progress of the work.

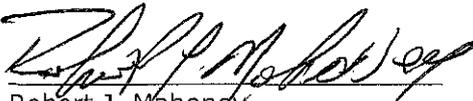
The total value of the credit for Change Order No. 1 is \$967,276.90, which translates in a project savings for 2011 of \$340,000.00. These funds will be reallocated to cover 2011 Construction Administration functions. Project savings were anticipated and partially accounted for during 2011 Budgeting.

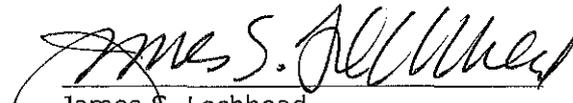
The 2011 Operating and Maintenance Budget (MPC 4AN0002) includes funds for this project.

RECOMMENDATION

It is recommended that the Board approve Change Order No. 1 to Contract 12650A with Severson Environmental Services, Inc. in the amount of (\$967,276.90) a credit, bringing the total contract amount to \$29,079,223.10.

Approvals:


Robert J. Mahoney
Director of Engineering


James S. Lochhead
CEO/Manager