

DENVER BOARD OF WATER COMMISSIONERS

Board Item: V-A-16

Meeting Date: February 10, 2010

**AGREEMENT WITH BATES ENGINEERING INCORPORATED
FOR THE DESIGN OF LONE TREE BASIN NO. 2
AGREEMENT 12856A**

Action by Consent

Action

Information

On January 26, 2010, proposals were received for the design of Lone Tree Basin No. 2. Proposals were received from three consulting firms.

The first phase of the project consists of evaluating several sizes of circular water storage basins that could be constructed at the Lone Tree facility. Based on the results of this evaluation and other Denver Water studies, Engineering, Operations and Planning will select a final size for Basin No. 2. The second phase of the project will be the design of Basin No. 2 which will be an underground, post tensioned concrete tank of similar design to the existing Basin 1. The work scope also includes structural design, a geotechnical design, grading and drainage design. Denver Water engineers will design the water conduit connections for the new reservoir. An upcoming contract will be awarded for the electrical and instrumentation design for the project. Basin No. 2 will be designed and bid by the end of 2010, with construction in 2011.

Proposals for the design were solicited from three qualified consulting firms. Proposals were evaluated by a selection committee from Operations and Engineering. Bates Engineering was selected by the committee because they provided the most relevant experience and the best understanding of Denver Water's needs. Bates Engineering was also able to propose the lowest cost of all the proposals at \$270,794.00.

The 2010 Capital Improvement Plan (MPC 1DB0050) includes funds for this design, but additional funds will be required for the electrical and instrumentation contract.

No SMWBE goals were set in the RFP. Bates Engineering Incorporated is certified as a Small Business Enterprise (SBE) by the City of Denver DSBO. Approximately 80% of the work will be done by Bates Engineering.

RECOMMENDATION

It is recommended that the Board approve entering into Agreement 12856A with Bates Engineering Incorporated in the amount of \$270,794.00 to provide consulting engineering services for the Lone Tree Basin No. 2 project.

Budget Considerations

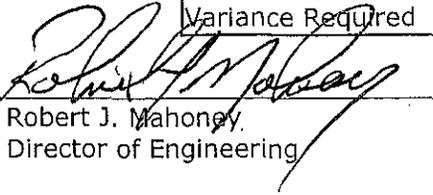
Master Plan Code(s): 1DB0050

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

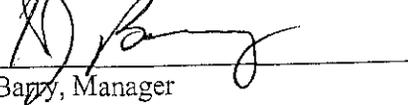
Budget Information

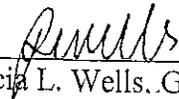
2010 Budget	\$226,543.00
Amount Requested This Item	\$270,794.00
YTD Expenditures	\$2,740.00
Additional Expenditures Anticipated	\$11,466.00
Revised 2009/2010 Estimate	\$285,000.00
Variance Required	\$58,457.00

Approvals:


Robert J. Mahoney,
Director of Engineering

Respectfully submitted,


H. J. Barry, Manager


Patricia L. Wells, General Counsel