

DENVER BOARD OF WATER COMMISSIONERS

Board Item: V-A-15

Meeting Date: July 13, 2011

**AGREEMENT WITH BLACK & VEATCH FOR
PRESSURE ZONE AND OPERATIONS STUDY
AGREEMENT 13675A**

Action by Consent

Action

Information

In conjunction with Agreement 13708A with IDModeling, Inc., to be approved by the Board on July 13, 2011, Denver Water is in need of consulting services to assist in a comprehensive analysis of our pressure zone configuration.

This study will evaluate and improve the configuration and operation of individual pressure zones, as well as review interactions between zones. We are most interested in identifying areas that will help to improve service to customers and to reduce pumping and energy costs. These results will be used in modifying operations and in capital planning. The study will be conducted with an internal team with personnel from Planning, Operations and Engineering. Included in the study will be the review and identification of areas where the system is vulnerable, facilities that are no longer needed and modeling of the system under more efficient configurations.

Black & Veatch (B&V) was selected from among eight proposals through a competitive selection process. This effort will also include \$2,500 in travel costs for peer review by industry experts Laura Jacobson of Las Vegas Valley Water District and Chuck Weber of Water One, Johnson County, Kansas, who have graciously volunteered to donate their time as part of ongoing cooperative efforts among utilities.

No Small/Minority/Women Business Enterprise (SMWBE) goal was obtained for these services; however, Black & Veatch will use an SMWBE firm for reprographic services if needed, for a total of up to approximately 2% of the contract amount.

RECOMMENDATION

It is recommended that the Board authorize execution of Agreement 13675A with Black & Veatch for \$257,000.00 with a completion date of May 28, 2012, and \$2,500 for peer review cost.

Budget Considerations

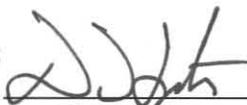
Master Plan Code(s): 4JA0005

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

Budget Information

2011/2012 Budget (2011-\$260,000; 2012-\$100,000)	\$	360,000.00
Amount Requested This Item	\$	259,500.00
YTD Expenditures	\$	0.00
Additional Expenditures Anticipated	\$	55,000.00
Variance	\$	-45,500.00

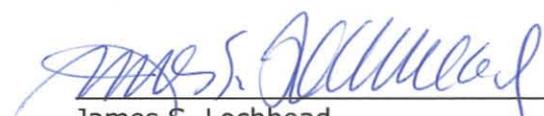
Approvals:



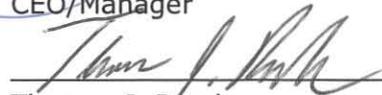
David L. Little
Director of Planning



Patricia L. Wells
General Counsel



James S. Lochhead
CEO/Manager



Thomas J. Roode
Director of Operations & Maintenance