

DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: December 7, 2011

Board Item: V-A-13

**First Amendment to Agreement with RJH Consultants  
for the Lupton Lakes Slope and Liner Design  
Agreement 12488A**

Action by Consent

Action

Information

On September 9, 2009, Agreement 12488A was approved for the engineering services for the design of the slopes and associated slope liner for the Lupton Lakes Gravel Pit Complex. Through a competitive bid process, the Consultant was selected to provide engineering services for design through construction. A value engineering process, consisting of a liner alternatives analysis was completed in 2011. The 30% design, covered under this First Amendment, will incorporate a geotechnical investigation to determine the amount of material available for liner and slope construction and to better understand the subsurface conditions to create a technically sound and effective liner and slope design. Denver Water expects to begin construction of the slopes and the liner in 2015, depending on mining activities by Martin Marietta, Lafarge's successor.

This First Amendment to Agreement 12488A is for RJH Consultants, Inc. (RJH) to provide 30% design engineering services for the Lupton Lakes Slope and Liner Design in the amount of \$160,254.00.

The 2011 Capital Improvement Plan (MPC 1AL0227) includes sufficient funds for this project.

*RJH is a small business on the Denver Water small business tracker.*

Recommendation:

It is recommended that the Board authorize the First Amendment to Agreement 12488A to RJH Consultants, Inc. for the Lupton Lakes Slope and Liner Design in the amount of \$160,254.00.

**Budget Considerations**

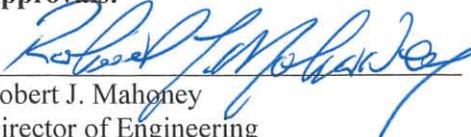
Master Plan Code(s):

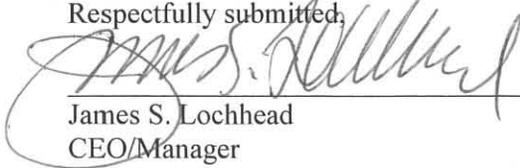
Budgeted Item     Unbudgeted Item     Funds transferred from another project:

**Budget Information**

2012 Budget	\$	160,000.00
Amount Requested This Item	\$	160,254.00
YTD Expenditures	\$	0.00
Additional Expenditures Anticipated	\$	0.00
Revised 2012 Estimate	\$	160,254.00
Variance Required	\$	254.00

**Approvals:**

  
Robert J. Mahoney  
Director of Engineering

Respectfully submitted,  
  
James S. Lochhead  
CEO/Manager

  
Patti Wells  
General Counsel