

DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: December 8, 2010

Board Item: V-A-13

**FIRST AMENDMENT TO TASK ORDER AGREEMENT  
WITH DEWBERRY GOODKIND, INC.  
FOR DESIGN OF THE FOOTHILLS TREATMENT PLANT  
SODIUM HYDROXIDE IMPROVEMENTS PROJECT  
AGREEMENT 11119N**

Action by Consent

Action

Information

On July 19, 2010, Task Order Agreement 11119N was approved with Dewberry Goodkind, Inc., formally known as Integra Engineers, for the design of the Foothills Treatment Plant Sodium Hydroxide Improvements Project in the amount of \$98,536.00. The project consists of designing improvements to the sodium hydroxide feed system located in the Chemical Building. The scope consists primarily of mechanical design and, to a lesser extent, drafting for the electrical and instrumentation and control design.

The task order was initiated to address the sodium hydroxide feed system which had become very difficult to maintain. The improvements to the sodium hydroxide system include two new storage tanks, new secondary containment, and other related improvements to refurbish existing equipment to place the system back in service. Construction will take place while plant is operating. Given the short time frame of the design period, a task order was used which allowed the design of the system to be completed quickly. The original task order did not include services during construction.

As anticipated in the original drafting of the task order, the Consultant will provide services during construction. This First Amendment is necessary to provide additional engineering services during project bidding and construction. Additional design services included review of submittals and other construction related documentation, site visits during construction, and the creation of as-constructed drawings after completion of the project. These tasks account for an additional \$19,096.00 to the current contract amount and will be billed on a time and material basis, for a total contract amount of \$117,632.00.

The 2011 Capital Improvement Plan (MPC 2CE5059) includes sufficient funds for these projects.

**RECOMMENDATION**

It is recommended that the Board approve the First Amendment to Task Order 11119N with Dewberry Goodkind, Inc. to provide consulting engineering and inspection services for the Foothills Treatment Plant Sodium Hydroxide Improvements Project in the amount of \$19,096.00.

**Budget Considerations**

Master Plan Code(s): 2CE5059

Budgeted Item  Unbudgeted Item  Funds transferred from another project:

**Budget Information**

2011 Budget	\$324,992.00
2011 Amount Requested This Item	\$19,096.00
Additional Expenditures Anticipated	\$305,896.00
Revised 2011 Estimate	\$324,992.00
Variance Required	\$0.00

Approvals:



Robert J. Mahoney  
Director of Engineering



James S. Lochhead  
CEO/Manager



Patti Wells  
General Counsel