

DENVER BOARD OF WATER COMMISSIONERS

Board Item: V-A-13

Meeting Date: April 13, 2011

**CHANGE ORDER NO. 2 WITH CONCRETE WORKS OF COLORADO, INC.  
TO FURNISH AND INSTALL CONDUIT NO. 74, 36-INCH AND  
42-INCH WATER PIPELINES AND 12-INCH AND 16-INCH MAINS  
IN SMITH ROAD NEAR HAVANA STREET  
CONTRACT 12953A**

Action by Consent

Action

Information

On December 8, 2010, the Board approved Contract 12953A in the amount of \$2,073,456.45 with Concrete Works of Colorado, Inc. for Conduit No. 74, 36-inch and 42-inch water pipelines and 12-inch and 16-inch mains in Smith Road near Havana Street. The project consists of furnishing and installing conduit piping, distribution mains and a cast-in-place concrete valve vault in Denver, Colorado. The project includes approximately 78 linear feet of 36-inch steel pressure pipe, 2,065 linear feet of 42-inch steel pressure pipe, 1,140 linear feet of distribution mains, and various appurtenant structures. *This work is a part of Denver Water's multi-million dollar responsibility to relocate facilities in an effort to accommodate RTD's proposed East Corridor Commuter Rail Project.*

Change Order No. 2 contains modifications to the contract as described below:

- Provide yard lighting near the vault hatch to allow safe access for maintenance crews, furnish and install a bored steel pipe casing crossing under three existing high pressure petroleum lines to minimize risk of damage and provide a safer installation versus the original plan for open trench construction. These items were not included in the original scope of work.

The total cost for Change Order No. 2 is \$59,648.66. The Capital Improvement Plan (MPC 2DD0277) does not include sufficient funds for this change order. No extension of the Contract Time is warranted by Change Order No. 2. Due to scope changes encountered during design of this project and unforeseen conduit operation difficulties, the budget will need to be assessed for a future variance in 2011 to cover other projects that are included under MPC 2DD0277.

**RECOMMENDATION**

It is recommended the Board approve Change Order No. 2 to Contract 12953A with Concrete Works of Colorado to Furnish and Install Conduit No. 74, 36-Inch and 42-Inch Water Pipelines and 12-Inch and 16-Inch Mains in Smith Road near Havana Street in the amount of \$59,648.66.

**Budget Considerations**

Master Plan Code(s): 2DD0277

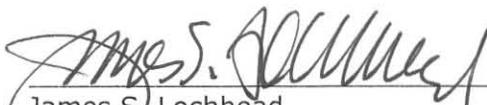
Budgeted Item     Unbudgeted Item     Funds transferred from another project:

**Budget Information**

2011 Budget	\$ 2,460,772.00
Amount Requested This Item	\$ 59,648.66
YTD Expenditures	\$ 1,074,989.00
Additional Expenditures Anticipated	\$ 1,385,783.00
Revised 2011 Estimate	\$ 2,591,052.54
Change Order No. 1 - Previous Variance Approved March 9, 2011	\$ 70,631.88
Change Order No. 2 - Variance Required	\$ 59,648.66

Approvals:

  
Robert J. Mahoney  
Director of Engineering

  
James S. Lochhead  
CEO/Manager