

DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: March 9, 2011

Board Item: V-A-8

**CHANGE ORDER NO.1 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.*

Due to the aggressive schedule for this project to meet the Conduit 74 outage schedule, Denver Water Engineering anticipated field changes with associated change orders would be required during construction.

Change Order No. 1 contains modifications to the contract as described below:

- Provide required corporation stops at access manholes to facilitate proper disinfection operations, provide additional fly ash grout backfill of abandoned facilities as required by the Union Pacific Railroad, install additional internal joint seals on the existing Conduit 74 points of connection with new piping, install additional bulkheads at valves to be installed for completion of temporary by-pass piping, and provide an additional access manhole on the new pipeline near the new vault for construction safety.

The total cost for Change Order No. 1 is \$70,631.88. 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. 1. 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. 1 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 \$70,631.88.

Budget Considerations

Master Plan Code(s): 2DD0277

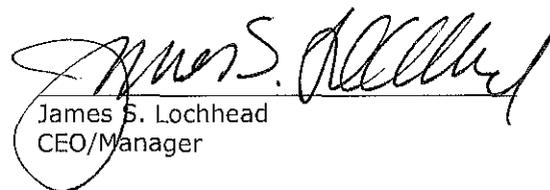
Budgeted Item • Unbudgeted Item Funds transferred from another project:

Budget Information

2011 Budget	\$2,460,772.00
Amount Requested This Item	\$70,631.88
YTD Expenditures	\$300,935.32
Additional Expenditures Anticipated	\$2,159,836.68
Revised 2011 Estimate	\$2,531,403.88
Variance Required	\$70,631.88

Approvals:


 Robert J. Mahoney
 Director of Engineering


 James S. Lochhead
 CEO/Manager