

DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: March 9, 2011

Board Item: V-A-4

**(DENVER FEDERAL CENTER WATER SERVICE)  
AMENDMENT NO. 1  
WITH BT CONSTRUCTION, INC.  
FOR SOUTH BOULDER DIVERSION CONDUIT  
SIPHON NO. 5 REPLACEMENT  
CONTRACT 12815A**

Action by Consent

Action

Information

Denver Water currently has an agreement with the Denver Federal Center (DFC) to provide water service. Upgrades are necessary to the existing DFC water service which includes two future 16-inch mains. The work included in this amendment is the replacement of a 16-foot section of 60-inch steel pipe on Conduit No. 25 including a 12-inch outlet for future service to the DFC.

This work will be added to take advantage of a window in the distribution outage schedule that will allow Conduit No. 25 to be out of service for a short period of time in April, 2011. Originally, a quote exceeding \$110,000 was received from a contractor for this work. *Engineering staff thought this quote was too high.* Due to the short window for construction and the need to mobilize quickly, proposals were solicited and received from 3 qualified contractors, currently under contract. The low proposal was submitted by BT Construction, Inc. in the amount of \$61,270.00. The Engineer's Estimate for the work was \$75,000.00.

Amendment No. 1, in the amount of \$61,270.00, will be added to BT Construction, Inc.'s contract for the South Boulder Diversion Conduit Siphon No. 5 Replacement for a total amount of \$3,320,880.00. The original project scope included demolition and installation of approximately 2,925 linear feet of 84-inch steel pipe including two new blowoff structures and a vehicle bridge. Some of the funds for this project were spent in 2010.

The 2011 Capital Improvement Plan (CIP) (MPC 2AA0810) does not include sufficient funds for this work. Although Amendment No. 1 will require a variance to the 2011 CIP, the cost of this work will be reimbursed by the Denver Federal Center through PCL Construction via Agreement 12701A.

**RECOMMENDATION**

It is recommended the Board approve Amendment No. 1 to Contract 12815A in the amount of \$61,270.00 to BT Construction, Inc.

**Budget Considerations**

Master Plan Code(s): 2AA0810

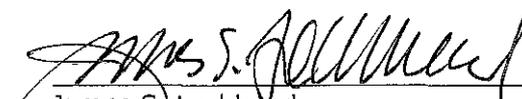
Budgeted Item •  Unbudgeted Item  Funds transferred from another project:

**Budget Information**

|                                     |              |
|-------------------------------------|--------------|
| 2011 Budget                         | \$685,370.00 |
| Amount Requested This Item          | \$61,270.00  |
| YTD Expenditures                    | \$487,890.93 |
| Additional Expenditures Anticipated | \$197,479.07 |
| Revised 2011 Estimate               | \$746,640.00 |
| 2011 Variance Required              | \$61,270.00  |

Approvals:

  
Robert J. Mahoney  
Director of Engineering

  
James S. Lochhead  
CEO/Manager