

DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: April 14, 2010

Board Item V-E-8

**CHANGE ORDER NO. 7 WITH LILLARD & CLARK CONSTRUCTION CO.
CONDUIT NOS. 12 AND 18 - 48-INCH AND 54-INCH STEEL
PIPE RELOCATION AT THE SOUTH PLATTE RIVER
CONTRACT 12019A**

Action by Consent

Action

Information

On August 12, 2009, the Board approved Contact 12019A with Lillard & Clark Construction Company, Inc. for the relocation of Conduit Nos. 12 & 18 at the South Platte River. The work includes relocation of 500 linear feet of 48-inch and 54-inch pipe under the South Platte River and is necessary due to the City & County of Denver's (City) South Platte River project which will lower the river bed in the area of the conduit crossings.

Delays in the schedule associated with change in conditions due to contaminated groundwater have pushed the construction into higher than anticipated water levels in the river. In addition, recent snow storms in March and other construction work in the river has resulted in river levels much higher than anticipated by the Contractor and caused flooding of the construction area on multiple occasions, causing work stoppages. In order to continue construction to complete the installation of the Conduit No. 12 and to minimize potential distribution system pressure and delivery risk, a watertight cofferdam must be constructed that will handle the higher flows in the river.

The original contract included costs for diverting the river, but not at the water levels that are anticipated in the next 2 to 3 months. Due to operational constraints, waiting for lower flows in the river to complete construction is not a viable option.

Change Order No. 7 covers expenses incurred to date to cleanup from the flooding and costs to construct a watertight cofferdam around the work area to reduce the chance of flooding. The watertight cofferdam will consist of sheet piling around the work area approximately seven feet above the river bed.

The total Change Order cost is \$283,780.41. These costs were not identified in the existing IGA between the City and the Board, but the City has been provided with the costs for review. Negotiations with the City for reimbursement are on-going.

The 2010 Capital Improvement Plan (MPC 2DD0278) does not include funds for this Change Order. Funds will be provided via variance and reimbursed by the City.

The MWBE Goal for this project is 5%. Lillard and Clark Construction Company, Inc. achieved 5.68% MWBE participation in their original bid.

RECOMMENDATION

It is recommended that the Board approve Change Order No. 7 to Contract 12019A to Lillard & Clark Construction Company, Inc. in the amount of \$283,780.41, bringing the total contract amount to \$2,111,343.91 with a completion date of June 21, 2010.

Budget Considerations

Master Plan Code(s): 2DD0278

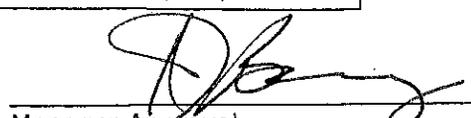
Budgeted Item Unbudgeted Item Funds transferred from another project:

Budget Information

2010 Budget	\$850,000.00
Amount Requested This Item	\$283,780.41
YTD Expenditures	\$203,327.00
Additional Expenditures Anticipated	\$1,295,383.39
2010 Estimate	\$1,782,490.80
Previously Approved Variance	\$648,710.39
Current Variance Required	\$283,780.41

Approvals:


Robert J. Mahoney
Director of Engineering


Manager Approval