

DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: February 9, 2011

Board Item: V-E-3

**CHANGE ORDER NO. 1
ROBERTS TUNNEL EAST PORTAL OUTLET WORKS UPGRADES
CONTRACT 12215A**

Action by Consent

Action

Information

On July 28, 2010, the Board authorized the award of a Contract to Garney Companies, Inc. for the Roberts Tunnel East Portal Outlet Works Upgrades project in the amount of \$691,000.00. The contract was based on an accelerated construction schedule minimizing the tunnel outage to accommodate the Keystone Ski Area snow making operations.

The project included cleaning and lining the interior surfaces of the steel pipe in the Control House. The original scope of lining work was based on as-constructed drawings of a lining contract in 1999 which showed that the outlet works piping was lined from the tunnel to the Control House. Inspection of the outlet works piping during current contract work revealed that approximately 106 linear feet (lf) of 90-inch and a trifurcation consisting of 66-inch and 42-inch piping shown as being lined during the 1999 project had no lining. Review of archived records from the 1999 project showed that approximately 209 lf had been deleted and not paid for. However, specific piping by area and diameters involved in the deletion were not accurately shown on the as-constructed documents. The reason for this deletion was not documented.

A change order for the additional work was negotiated with the Contractor in the amount of \$103,491.00.

The Minority and Women Business Enterprise (MWBE) goal for this project had been established as 5% participation. Garney Companies, Inc. achieved 20.96% MWBE participation.

The 2011 Capital Improvement Plan (MPC 2AA0030) includes sufficient funds for this project.

RECOMMENDATION

It is recommended the Board approve Change Order No. 1 to Contract 12215A in the amount of \$103,491.00 to Garney Companies, Inc. for the Roberts Tunnel East Portal Outlet Works Upgrades.

Budget Considerations

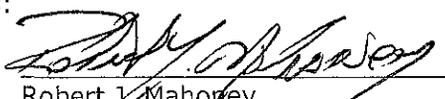
Master Plan Code(s): 2AA0030

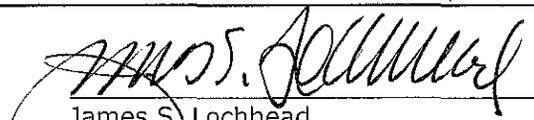
- Budgeted Item Unbudgeted Item Funds transferred from another project:

Budget Information

2011 Budget	\$850,017.93
Amount Requested This Item	\$103,491.00
YTD Expenditures	\$240,139.89
Additional Expenditures Anticipated	\$506,387.04
Revised 2011 Estimate	\$850,017.93
2011 Variance Required	\$0.00

Approvals:


Robert Mahoney
Director of Engineering


James S. Lochhead
CEO/Manager