

DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: March 12, 2014

Board Item: II-A-14

**Ratification of Change Order No. 4 with McDade-Woodcock, Inc. for the Foothills Treatment Plant HVAC Improvements Contract 14011A**

Action by Consent                       Action                       Information

On March 27, 2013, the Board approved Contract 14011A in the amount of \$4,992,667.00 with McDade-Woodcock Inc. for the Foothills Treatment Plant HVAC Improvements Project. The project included furnishing and installing HVAC equipment and controls in four buildings. The need for Change Order No. 4 work was determined when the existing HVAC system's fiberboard duct in the Control Building and was found to be significantly deteriorated in multiple locations. Replacement of a majority of the existing duct is required to allow the new air handling equipment to function properly. Future maintenance costs will be reduced and the functionality of the new HVAC system will be improved. In addition, a number of conflicts between new systems and existing conditions were uncovered after removal of the original acoustical ceiling. Additional work to clear these interferences is included in this change order. Timing for replacement of the existing "fiberboard" needs to occur now while the plant is offline which will eliminate future shutdowns and ensure proper testing and start-up of the new HVAC systems.

The total value of Change Order No. 4 is \$168,191.00. Change Order Nos. 1 through 3 provided for additional contractor staging area space, existing Chemical Building duct repairs, Filter Building rooftop duct protection, and various duct modifications to avoid conflicts with existing raceway and structure elements in the plant.

*The Minority and Women Business Enterprise (MWBE) goal established for this construction project was 5% participation. McDade-Woodcock, Inc. achieved 8.33% MWBE participation.*

The 2013-2014 Capital Improvement Plan (MPC 2CE0388) does not include sufficient funds for this project.

**Recommendation:**

It is recommended that the Board approve the ratification of Change Order No. 4 to Contract 14011A with McDade-Woodcock, Inc. for the Foothills Treatment Plant HVAC Improvements Project in the amount of \$168,191.00.

**Budget Considerations**

Master Plan Code(s): 2CE0388

Budgeted Item             Unbudgeted Item             Funds transferred from another project:

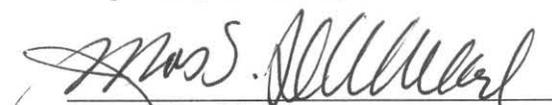
**Budget Information**

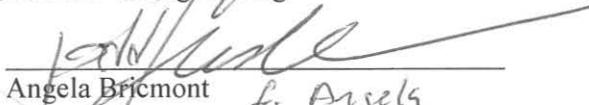
2013-2014 Budget	\$ 2,577,314.97
Amount Requested This Item	\$ 168,191.00
YTD Expenditures	\$ 677,295.65
Additional Expenditures Anticipated	\$ 1,900,019.32
Revised 2013-2014 Estimate	\$ 2,745,505.97
Variance Required	\$ 168,191.00

**Approvals:**

Respectfully submitted,

  
Robert J. Mahoney  
Director of Engineering

  
James S. Lochhead  
CEO/Manager

  
Angela Bricmont  
Director of Finance

  
Terri Bryant, CPA  
Controller