

**DENVER BOARD OF WATER COMMISSIONERS**

Meeting Date: May 14, 2014

Board Item: II-B 1

**Change Order No. 1 with SEMA Construction for the  
Marston Dam and Forebay Multiple Level Outlet and Upgrade  
Contract 13906A**

Action by Consent

Action

Information

On February 26, 2014, the Board approved Contract 13906A in the amount of \$11,227,925.00 with SEMA Construction for the Marston Dam and Forebay Multiple Level Outlet and Upgrade Project, well below the construction payment budget of \$13,200,000.00. The project scope included draining the forebay (reservoir), removing aging 90-inch and 66-inch outlet conduits to address dam safety concerns, constructing a new multiple level outlet works to facilitate selective withdrawal of water from three different elevations to improve water quality, and constructing a new 60-inch gravity drain line to facilitate more efficient lowering of the forebay in the future. (The low bid amount was not surprising since Denver Water anticipated a Change Order as presented here for dewatering if the Pinehurst drainage option did not work.)

The total value of Change Order No. 1 is \$798,000.00. This Change Order No. 1 includes the labor, equipment, fuel, and materials to install and operate approximately 7,200 additional linear feet of discharge piping to an alternate point of discharge into the Conduit No. 20 weir box on the southeast side of the forebay, during dewatering operations from June 2, 2014 through September 6, 2014. The weir feeds to a 108-inch conduit which bypasses the reservoir and allows the lake water to be used for treatment. The Change Order is necessitated by the fact that the original Marston Forebay dewatering discharge point to the Urban Drainage Flood Control ditch on Denver Water property has been determined to have inadequate infrastructure capacity downstream at the Pinehurst County Club to handle the originally planned flow. Please note that, as stated in the February 26, 2014 Board Item, Denver Water has notified the contractor that we are reserving the right to add work for the Marston South Outlet Works Abandonment Project through a competitive procurement process.

*The Minority and Women Business Enterprise (MWBE) goal established for this construction project was 5% participation. SEMA Construction achieved 5.81% MWBE participation.*

The 2014-2015 Capital Improvement Plan (MPC 1AB0007) includes sufficient funds for this project.

**Recommendation**

It is recommended that the Board approve Change Order No. 1 to Contract 13906A with SEMA Construction for the Marston Dam and Forebay Multiple Level Outlet and Upgrade Project in the amount of \$798,000.00.

**Budget Considerations**

Master Plan Code(s): 1AB0007

Budgeted Item

Unbudgeted Item

Funds transferred from another project:

**Budget Information**

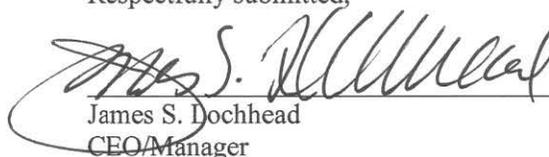
2014-2015 Budget	\$ 13,931,148.18
Amount Requested This Item	\$ 798,000.00
YTD Expenditures	\$ 67,263.76
Additional Expenditures Anticipated	\$ 13,065,884.42
Revised 2014-2015 Estimate	\$ 13,931,148.18
2014-2015 Variance Required	\$ 0.00

**Approvals:**



Robert J. Mahoney  
Director of Engineering

Respectfully submitted,



James S. Dochhead  
CEO/Manager



Terri Bryant, CPA  
Controller