

DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: February 13, 2013

Board Item: V-A-9

**Amendment No. 2 with R.E. Monks Construction Company, LLC
For the Hazeltine Reservoir Slope Improvements
Contract 13161A**

Action by Consent

Action

Information

On April 30, 2012, the Board approved Contract 13161A in the amount of \$2,724,600.00 with R.E. Monks Construction Company, LLC to stabilize the existing slopes within Hazeltine Reservoir. The existing slopes are unstable remnants from past mining operations, and require regrading, buttressing, lining, and protection. On November 14, 2012, the Board approved Amendment No. 1 to the Contract in the amount of \$252,296.02, for additional slope improvements in the northeast corner that will enable the facility to be put into limited operation rather than invest in the pump station in the near term.

Amendment No. 2 reconciliation between bid quantities and actual in-place quantities for over 1 million cubic yards of moved earth. It is common for projects requiring significant earthwork to require reconciliation of materials to account for variations in: 1) expected vs. actual original ground surface topography and 2) estimated vs. actual volumes. This is especially true where mining activities that were ongoing between the original topographic base survey and the start of construction created challenging and dynamic site conditions. The actual constructed in-place quantities resulted in a 4.4% increase in overall volume, which is reasonable for final closeout of a project of this size and complexity.

Specifically, Amendment No. 2 contains the following modifications to the contract as described below:

- Addition of a boat ramp at the Dunes Reservoir facility. Denver Water took advantage an opportunity to construct the Dunes Boat ramp under this contract. Costs for the ramp were 30% lower than previously received bids for similar projects. The Dunes Reservoir Boat Ramp was planned as part of the 2012 Capital Improvement Plan (MPC1AM0004).
- Final quantity reconciliation for earthwork – related bid items.
- Addition of one manhole to connect the mounding drains (dewatering) to Hazeltine Reservoir.

The Minority and Women Business Enterprise (MWBE) goal established for this construction project was 5% participation. R.E. Monks Construction Company, LLC achieved 6.27% MWBE participation.

The 2012 Capital Improvement Plan did include sufficient funds for this project amendment; however, due to ongoing negotiations that resulted in Denver Water’s favor, the amendment will require a variance and funding from the 2013 Capital Improvement Plan.

Recommendation:

It is recommended that the Board approve Amendment No. 2 to Contract 13161A with R.E. Monks Construction Company, LLC for the Hazeltine Reservoir Slope Improvements in the amount of \$190,704.00.

Budget Considerations

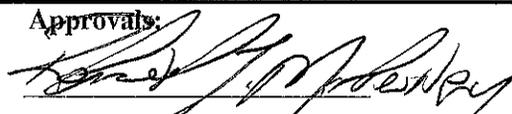
Master Plan Code(s): 1AL0206

Budgeted Item Unbudgeted Item Funds transferred from another project:

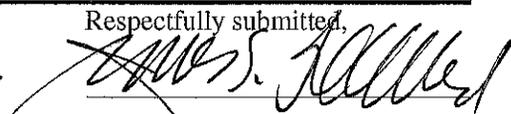
Budget Information

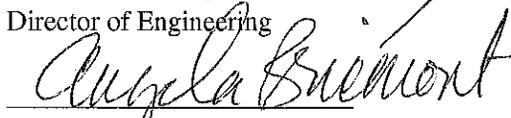
2013 Budget	\$	0.00
Amount Requested This Item	\$	190,704.00
YTD Expenditures	\$	0.00
Additional Expenditures Anticipated	\$	0.00
Revised 2013 Estimate	\$	190,704.00
Variance Required	\$	190,704.00

Approvals:


Robert J. Mahoney
Director of Engineering

Respectfully submitted,


James S. Lochhead
CEO/Manager


Angela Bricmont
Director of Finance