

Denver Board of Water Commissioners

Title:

**CHANGE ORDER NO. 4 FOR THE CONSTRUCTION OF
CAT PUMP STATION AND MILLER RESERVOIR AND DAM
ELECTRICAL AND CONTROL WORK**

Meeting Date: July 8, 2009

Contract/Proposal: 11557A

 Action by Consent Action Information

On August 13, 2008, the Board awarded Contract 11557A to Aslan Construction to Construct Cat Pump Station and Miller Reservoir and Dam Electrical and Control Work in the amount of \$3,426,720.00. The project consists primarily of constructing the pump station facility, the inlet and outfall piping, and site improvements associated with the facility.

To date, three change orders worth a total of \$139,956.00 have been approved for the project which included the additional of embankment material to support the interconnect pipe and numerous small changes correcting details. Change Order No. 4 worth \$137,875.00 is requested. The change order also includes a time extension since Xcel Energy has not yet provided power to the building site and equipment cannot be tested yet.

The majority of the change order cost comes from placement of one foot of recycled concrete base course on the road leading up to the pump station. As part of the Adams County Building Permit process, the North Washington Fire Protection District required the recycled base course be provided along main access to the pump station. The original contract had only provided for 6 inches of onsite granular material.

Changes were also made to the consultant's electrical design during construction to make it more in keeping with Denver Water standards. Flange restraints were added to the pump discharge lines and link seals were added around the pump discharge floor penetrations to seal the holes in the floor. Furthermore, additional riprap was added in several areas.

The 2009 Capital Budget (MPC 1AL0226) includes \$2,792,014.00 in funds for this project. The 2008 Budget was in the amount of \$1,912,578.00 but only \$1,386,859.00 was spent leaving \$525,719.00 in unspent funds.

The MWBE Goal for this project is 5%. Aslan Construction achieved 6.22% MWBE participation in their original bid.

RECOMMENDATION

It is recommended the Board approve Change Order No. 4 to Contract 11557A to Aslan Construction Company in the amount of \$137,875.00, bringing the total contract amount to \$3,704,551.00. The final completion date was moved from June 25 to August 31, 2009.

Budget Considerations

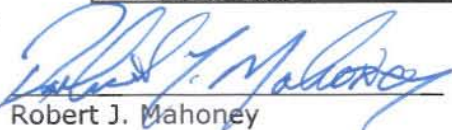
Master Plan Code(s): 1AL0226

Budgeted Item Unbudgeted Item Funds transferred from another project: 1AD0022

Budget Information

2009 Budget	\$2,792,014.00
Transfer In	\$600,000.00
Revised 2009 Budget	\$3,392,014.00
Amount Requested This Item	\$137,875.00
YTD Expenditures	\$2,518,848.00
Additional Expenditures Anticipated	\$735,291.00
Revised 2009 Estimate	\$3,392,014.00
Variance Required	\$0.00

Approvals:


Robert J. Mahoney
Director of Engineering


Manager Approval