

DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: December 7, 2011

Board Item: 2-A-4

**Fifth Amendment to Agreement with Applegate Group, Inc.
for the Harriman Lake Dam Renovation Bidding and Construction
Agreement 12767A**

Action by Consent

Action

Information

Harriman Dam was constructed in 1873 and subsequently enlarged in 1875 by the Harriman Ditch Company. Harriman Reservoir holds the senior storage right on Bear Creek. The dam is a 15 foot high earth dam with water storage of about 750 acre feet. Large trees were removed from the dam and a new grass-lined spillway was constructed in 1980. The deteriorated outlet was replaced in 1989. The reservoir storage is currently restricted to 550 acre feet by the Colorado State Engineer's Office (SEO) due to safety concerns related to the dam embankment. On January 13, 2010, the Board approved an agreement with Applegate Group Inc. to provide the final design services for an amount not to exceed \$122,000.00. There have been four Amendments to the Agreement: the first was a time extension, the second was in the amount of \$35,000.00 was to address project schedule and budget costs incurred for unanticipated out-of-scope work, the third amendment was a time extension, fourth amendment for \$14,000.00 was for additional work requested by Denver Water during the design of the Harriman Dam Renovation project.

This Fifth Amendment to Agreement 12767A is for Applegate Group, Inc. to provide engineering services in 3 phases in the amount of \$125,000.00. Applegate will provide engineering support during bidding and construction phases, and will also assist in preparation of as-built drawings and SEO reporting upon project completion.

The 2011 Capital Improvement Plan (MPC 2AA0053) includes funds for this project.

MWBE participation of 9.87% will be during project construction by R.E. Monks Construction Company, LLC.

Recommendation:

It is recommended that the Board authorize the Fifth Amendment to Agreement 12767A to Applegate Group, Inc. for the Harriman Lake Dam Renovation Bidding and Construction in the amount of \$125,000.00.

Budget Considerations

Master Plan Code(s): 2AA0053

Budgeted Item Unbudgeted Item Funds transferred from another project:

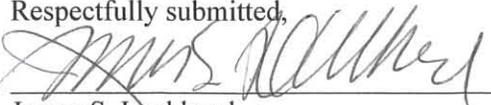
Budget Information

2012 Budget	\$ 3,044,034.00
Amount Requested This Item	\$ 125,000.00
YTD Expenditures	\$ 0.00
Additional Expenditures Anticipated	\$ 2,919,034.00
Revised 2012 Estimate	\$ 3,044,034.00
Variance Required	\$ 0.00

Approvals:


Robert J. Mahoney
Director of Engineering

Respectfully submitted,


James S. Lochhead
CEO/Manager


Patti Wells
General Counsel