

DENVER BOARD OF WATER COMMISSIONERS

Board Item: V-A-14

Meeting Date: December 8, 2010

**SECOND AMENDMENT TO AGREEMENT WITH
MWH AMERICAS, INC. FOR THE
SEISMIC HAZARD ASSESSMENT REPORT FOR
DILLON DAM AND WILLIAMS FORK DAM
AGREEMENT 12045A**

Action by Consent

Action

Information

On December 28, 2008, MWH Americas, Inc. was retained under Agreement 12045A for the specific expertise in the area of geological and seismological issues related to Denver Water dams, tunnels and other operating facilities. The Agreement amount was \$50,000.00. A Second Amendment to the Agreement was issued for the development of the seismic hazard assessment report for Dillon Dam and Williams Fork Dam in the amount of \$48,152.00.

This amendment is required to complete additional analysis as requested by the Federal Energy Regulatory Commission in order to confirm the stability of the Dillon and Williams Fork Dams in the event of a seismic event near the facilities. The total cost for these services is \$39,815.00, bringing the total Agreement amount to \$137,967.00.

The 2010 Operation and Maintenance Budget (MPC 4AN0010) includes sufficient funds for this project. Unused funds in the amount of \$200,000.00 from the Capital Dam Safety Program (2AW0900) will be used to supplement this project.

There was no Small/Minority/Women Business Enterprise (SMWBE) goal for the specialized design portion of this project.

RECOMMENDATION

It is recommended that the Board authorize the Second Amendment to Agreement 12045A with MWH Americas, Inc. for the Seismic Hazard Assessment Report for Dillon Dam and Williams Fork Dam for an amount not to exceed \$39,815.00 bringing the total agreement amount to \$137,967.00.

Budget Considerations

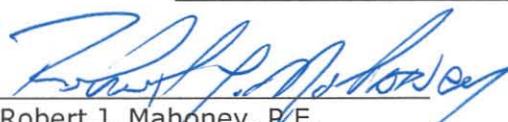
Master Plan Code(s): 4AN0010

Budgeted Item Unbudgeted Item Funds transferred from another project: 2AW0900

Budget Information

2010 Budget	\$305,908.00
Transfer In	\$200,000.00
Revised Budget	\$505,908.00
Amount Requested This Item	\$39,815.00
YTD Expenditures	\$319,477.00
Additional Expenditures Anticipated	\$146,616.00
Revised 2010 Estimate	\$505,908.00
Variance Required	\$0.00

Approvals:


Robert J. Mahoney, P.E.
Director of Engineering


James S. Lochhead
CEO/Manager


Patti Wells
General Counsel