

DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: March 14, 2012

Board Item: V-A-19

**Fifth Amendment to Agreement with MWH Americas, Inc.
for the Construction Phase Engineering Support for the
Howe-Haller Interconnect Structures Project
Agreement 12351A**

Action by Consent

Action

Information

On May 13, 2009, the Board approved an agreement with MWH Americas, Inc. for design and construction services for interconnect structures between Howe-Haller A to B and Howe-Haller B to Hazeltine at the Downstream Reservoir Water Storage Program North Complex. These interconnects allow water to flow from Howe-Haller A to Howe-Haller B, then to Hazeltine in order to return water back to the South Platte River. The original contract was for an amount not to exceed \$260,913.00. There have been four Amendments to this Agreement: the first was a time extension and an amount of \$7,800.00 for the addition of two drill holes to investigate the extent to fill in the planned open cut area and the installation of two wells along the west side of Howe-Haller A, the second was in the amount of \$32,750.00 to address the design of the gravel lakes interconnect project based on field conditions and cost optimization, the third was in the amount of \$8,800.00 for the preparation of the contractor's schedule and cash flow analysis, the fourth was in the amount of \$96,200.00 for additional work requested by Denver Water during the critical phases of the construction scheduled from September 2011 until March 2012.

This Fifth Amendment to Agreement 12351A is for MWH Americas, Inc. to provide design engineering services during construction in the amount of \$91,090.00, \$35,000.00 of which is contingency only to be used with Denver Water written approval.

The 2011/2012 Capital Improvement Plan (MPC 1AL0205) does not include funds for this project. Unused funds from another downstream reservoir project (1AM0009) in the amount of \$91,090.00 will be used to cover these costs.

Recommendation:

It is recommended that the Board authorize the Fifth Amendment to Agreement 12351A to MWH Americas, Inc. for the Construction Phase Engineering Support for the Howe-Haller Interconnect Structures Project in the amount of \$91,090.00.

Budget Considerations

Master Plan Code(s): 1AL0205

Budgeted Item Unbudgeted Item Funds transferred from another project: 1AM0009

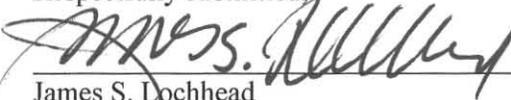
Budget Information

2012 Budget	\$ 2,176,496.00
Transfer In	\$ 91,090.00
Revised 2012 Budget	\$ 2,267,586.00
Amount Requested This Item	\$ 91,090.00
YTD Expenditures	\$ 460,203.00
Additional Expenditures Anticipated	\$ 2,826,293.00
Revised 2012 Estimate with Carryover	\$ 3,377,586.00
Carryover from 2011	\$ 1,110,000.00
Variance Required	\$ 0.00

Approvals:


Robert J. Mahoney
Director of Engineering

Respectfully submitted,


James S. Lochhead
CEO/Manager


Patti Wells
General Counsel