

Denver Board of Water Commissioners
Title:
**SECOND AMENDMENT TO AGREEMENT WITH
KRECH OJARD AND ASSOCIATES
FOR UNDERWATER SURVEYS AT CHEESMAN DAM**

Meeting Date: June 10, 2009

Contract/Proposal: 12049A

 Action by Consent Action Information

On November 22, 2008, the Board entered into an agreement with Krech Ojard and Associates (KOA) to perform underwater surveys of the three tunnel inlets at Cheesman Dam for an amount not to exceed \$96,849.00. They completed the field work on November 30, 2008 and the data analysis by December 15, 2008. While setting up for the first survey, an unusual wind storm occurred. The wind broke loose Denver Water's safety buoy line which dislodged KOA's survey lines and broke several ropes. These ropes were drawn into the engine of KOA's boat and disabled the craft. This incident delayed the survey work by two days. KOA asked that they be reimbursed only for their direct costs of \$1,908.32.

During a review of the data, Engineering determined that the survey on one of the inlets was incorrect. There is a fourth inlet tunnel that was abandoned years ago located about 50 feet from the correct tunnel inlet. After careful review of the circumstances. KOA was requested to return to the site and conduct the correct survey in January-February 2009. Engineering negotiated a price for this work for an amount of \$42,901.58 which included the elimination of KOA's management fees.

The total cost for the additional services is \$44,859.00, bringing the total Agreement amount to \$141,708.90. Billings for the previous work to-date have totaled \$91,006.55. There is an unpaid invoice of \$6,750.77 which included costs for delays of \$1,908.32. The date for completion for this Agreement was extended to July 31, 2009. Funds for this project (MPC 1AB0012) are included in the 2009 Capital Improvement Plan.

There is no Small/Minority/Women Business Enterprise (SMWBE) goal for this project as this was specialty diving work.

RECOMMENDATION

It is recommended that the Board authorize the Second Amendment to Agreement 12049A for Underwater Survey at Cheesman Dam to Krech Ojard and Associates for an amount not to exceed \$44,859.90. This brings the total agreement amount to \$141,708.90.

Budget Considerations


Master Plan Code(s): 1AB0012

Budgeted Item Unbudgeted Item Funds transferred from another project:

Budget Information

2009 Budget	\$5,964,114.00
Amount Requested This Item	\$44,859.90
YTD Expenditures	\$182,075.00
Additional Expenditures Anticipated	\$5,737,179.10
Revised 2009 Estimate	\$5,964,114.00
Variance Required	\$0.00

Approvals:


Robert J. Mahoney
Director of Engineering



Manager Approval



Patti Wells
General Counsel