

DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: April 14, 2010

Board Item V-E-4

**Contract Amendment with
Denver Regional Council Of Governments (DRCOG)
for 2010 Ortho-Photography Project**

Contract# 11697A

In 2008, Denver Water participated in a cooperative project with DRCOG to acquire 1' pixel ortho-photography over an area covering six counties. Denver Water contributed \$100,000.00 for approximately 5,300 square miles of ortho-photography. A group of more than 32 participants from the 2008 effort is continuing cooperation and acquiring new ortho-photography in 2010. Denver Water plans to participate in the 2010 project.

Denver Water has been able to use the ortho-photography to support many of our efforts outside of the distribution area for projects such as studies on threatened and endangered species, the North End Supply System study, the South Platte River Protection Plan, Lawn Irrigation Return Flows and other efforts in Planning and Engineering.

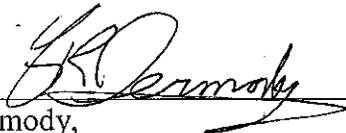
In 2010, Denver Water desires to acquire ortho-photography of our entire Combined Service Area (approximately 248 square miles) with 3" pixel resolution. This improved resolution will allow Conservation to accurately classify and measure landscape features for all customers. These measurements provide the ability to calculate outdoor water efficiency which supports program targeting and public outreach. Further uses for the data will be for a backdrop in our online mapping application which displays our water system facilities and for change over time analysis.

Funds for this project are included in the 2010 Budget (MPCs: 4EA0018 and 2BC0033).

RECOMMENDATION

It is recommended that the Board authorize the payment of \$106,000.00 for its share of the acquisition of 3" ortho-photography as part of the 2010 Ortho-photography Project between Denver Water and Denver Regional Council of Governments (DRCOG).

Approvals:



Chris Dermody,
Director of Information Technology

Respectfully submitted,



H. J. Barry, Manager



Patricia L. Wells,
General Counsel