

DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: May 12, 2010

Board Item: V-A-10

**FIRST AMENDMENT TO AGREEMENT WITH CAROLLO ENGINEERS
FOR THE CREATION OF A BASE DRAWING
FOR FOOTHILLS WATER TREATMENT PLANT
AGREEMENT 12713A**

Action by Consent

Action

Information

The Foothills WTP was built in two main phases in the early 1980s and has since undergone modifications and improvements through approximately 40 capital projects. In addition to the capital projects, there have been numerous other improvements that have not been formally documented. Denver Water does not currently have an up-to-date base drawing for the plant. The purpose of the Foothills Base Drawing project is to consolidate existing data into a single base drawing of the plant yard utilities in AutoCAD Civil 3D.

On November 6, 2009, six proposals were received for Tasks 1-3 of the Foothills Water Treatment Plant Base Drawing Project. Denver Water selected Carollo Engineers to perform the work and a contract for Task 1 of the project was awarded in December of 2009. Task 1 included developing a work flow and approach to complete the base drawing.

Task 1 is nearing completion and a Scope of Work for Tasks 2 and 3 has been received from Carollo Engineers and reviewed by Denver Water. Task 2 involves creating a base drawing of a pilot area and field location of utilities within the pilot area. Task 3 includes the creation of the base drawing for the entire Foothills site. The base drawing is being designed so that similar base drawings can be completed at other Denver Water facilities.

An agreement has been negotiated with Carollo Engineers to provide professional services for Tasks 2 and 3 in the amount of \$309,994.00. The 2010 Capital Improvement Plan (MPC 4CA0003) includes a majority of funds necessary for this project. The remaining \$50,000.00 required for the amendment will be budgeted in 2011.

There was no Small/Minority/Women Business Enterprise (SMWBE) goal for this project due to the special nature of the project and the information technology knowledge required. Carollo has proposed a 5% participation for Tasks 2 & 3.

RECOMMENDATION

It is recommended that the Board authorize the First Amendment to Agreement 12713A with Carollo Engineers for the Creation of a Base Drawing for Foothills Water Treatment Plant in the amount of \$309,994.00 with a completion date of January 29, 2011.

Budget Considerations

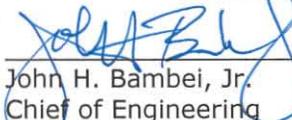
Master Plan Code(s): 4CA0003

- Budgeted Item ○ Unbudgeted Item ○ Funds transferred from another project:

Budget Information

| | |
|-------------------------------------|--------------|
| 2010 Budget | \$397,915.00 |
| Amount Requested This Item | \$309,994.00 |
| YTD Expenditures | \$55,480.00 |
| Additional Expenditures Anticipated | \$82,441.00 |
| Revised 2009/2010 Estimate | \$447,915.00 |
| Variance Required | \$0.00 |
| To be Budgeted in 2011 | \$50,000.00 |

Approvals:


John H. Bambei, Jr.
Chief of Engineering


Acting Manager Approval


Patricia L. Wells
General Counsel