

DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: December 9, 2009

Board Item: V-A-10

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

Action by Consent

Action

Information

On November 6, 2009, proposals were received for Task 1 of the Foothills Water Treatment Plant Base Drawing Project. This project involves developing an inclusive Base Drawing for the entire Foothills Water Treatment Plant (WTP) site.

The Foothills WTP was built in two main phases in the early 1980s and has since undergone modifications and improvements through approximately 40 documented projects. In addition to the documented projects, there have been numerous other improvements that have not been 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. The project will be conducted through three main tasks. The overall purpose of the first of these tasks (Task 1) is to develop a work flow and approach to complete the base drawing. Tasks 2 and 3 will be developed following the completion of Task 1. Task 2 is the actual creation of the base drawing, and Task 3 is comprised of onsite investigations to confirm the base drawing.

Staff solicited proposals for the design effort from eight qualified consulting firms to provide for a qualification-based selection. Proposals were received from seven of the eight firms and then reviewed by a selection committee comprised of the Denver Water project team members. Following interviews of the two highest-rated firms, it was decided by the committee that Carollo Engineers provided Denver Water the strongest technical team and had the best response to the Request For Proposal (RFP).

An agreement has been negotiated with Carollo Engineers to provide professional services in the amount of \$109,494.00, which includes a 10% contingency for unforeseen conditions. The 2010 Capital Improvement Plan (MPC 4CA0003) includes funds for this project.

*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. A goal may be established during Tasks 2 and 3.*

**RECOMMENDATION**

It is recommended that the Board award Agreement 12713A to Carollo Engineers for the Creation of a Base Drawing for Foothills Water Treatment Plant for an initial amount of \$109,494.00 with a completion date of January 31, 2011.

**Budget Considerations**

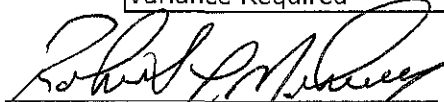
Master Plan Code(s): 4CA0003

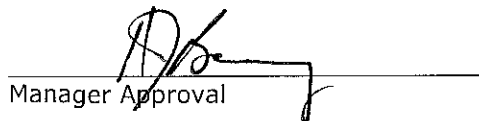
- Budgeted Item ○ Unbudgeted Item ○ Funds transferred from another project:


**Budget Information**

2010 Budget	\$400,668.00
Amount Requested This Item	\$109,494.00
YTD Expenditures	\$0.00
Additional Expenditures Anticipated	\$291,174.00
2010 Estimate	\$400,668.00
Variance Required	\$0.00

Approvals:

  
Robert J. Mahoney  
Director of Engineering

  
Manager Approval

  
Patricia L. Wells  
General Counsel