

**Agreement with Tetra Tech  
For The Creation of a Base Drawing for Moffat Water Treatment Plant  
Agreement 13823A**

 Action by Consent Action Information

On August 25, 2011, proposals were received for Tasks 1 and 2 of the Moffat Water Treatment Plant Base Drawing Project. This project involves developing an inclusive Base Drawing for the entire Moffat Water Treatment Plant (WTP) site in preparation for rebuilding the plant.

The Moffat WTP was built in three main phases starting in the mid-1930s and has since undergone modifications and improvements through approximately 23 documented projects. In addition to the documented capital projects, there have been numerous other improvements. Denver Water does not currently have an up-to-date base drawing for the plant. The purpose of the Moffat 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. Task 1 is to confirm the work flow and gather all the base data that is now stored in several formats including 1,000 hard copy and digital drawings. This work flow was designed and established as part of the Foothills Base Drawing Project completed in early 2011. Task 2 will be to create the new conformed base drawing in AutoCAD with appropriate layers and identification of missing or inaccurate information. Task 3 will be an optional task to assist with the onsite confirmation process of utility information location and depths for missing or inaccurate information identified as part of Tasks 1 and 2.

DW staff solicited proposals for the implementation effort from six qualified consulting firms to provide for a qualification-based selection. Proposals were received from two of the six firms and then reviewed by a selection committee comprised of the Denver Water project team members. The Committee determined that Tetra Tech provided Denver Water with a strong technical team and had the best response to the Request For Proposal (RFP). An agreement has been negotiated with Tetra Tech to provide professional services in the amount of \$99,958.00. Future Amendments for Tasks 2 and 3 will take this contract over \$100,000.00.

The 2011/2012 Capital Improvement Plan (MPC 1CE0065) does not include sufficient funds for this project for 2011 since we are starting this project early. Unused 2011 funds in the amount of \$50,000.00 from 4CA0009 Treatment Plant Studies will be used to offset the lack of 2011 funds.

*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 Task 3.*

**Recommendation**

It is recommended that the Board award Agreement 13823A to Tetra Tech for the Creation of a Base Drawing for Moffat Water Treatment Plant for an amount of \$99,958.00 with a completion date of January 31, 2012.

**Budget Considerations**

Master Plan Code(s): 1CE0065

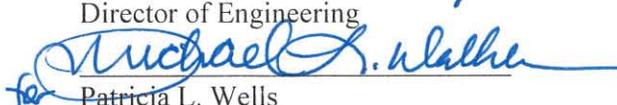
● Budgeted Item  Unbudgeted Item ● Funds transferred from another project: 4CA0009

**Budget Information**

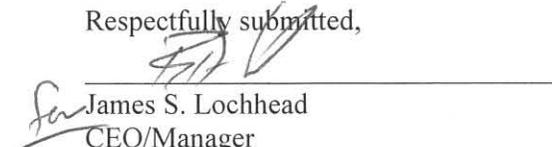
2011/2012 Budget	\$101,741.00
Transfer In	\$50,000.00
Revised 2011/2012 Budget	\$151,741.00
Amount Requested This Item	\$99,958.00
YTD Expenditures	\$9,662.00
Additional Expenditures Anticipated	\$43,021.00
Revised 2011/2012 Estimate	\$151,741.00
Variance Required	\$0.00

Approvals:

  
Robert J. Mahoney  
Director of Engineering

  
Patricia L. Wells  
General Counsel

Respectfully submitted,

  
James S. Lochhead  
CEO/Manager