

DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: July 11, 2012

Board Item: V-A-6

**Agreement with Malcolm Pirnie, a Water Division of Arcadis U.S., Inc.
for Site Support at the Marston Treatment Plant
Agreement 14393A**

Action by Consent

Action

Information

On June 12, 2012, proposals were received for the Marston Treatment Plant (TP) Site Support Project. This project involves developing comprehensive base drawings for the entire Marston Treatment Plant (WTP) site on a common elevation datum.

The Marston WTP site has been active since the 1890's and has undergone many modifications. Denver Water (DW) does not currently have up-to-date base drawings for the plant. The project will be conducted through three main tasks. Task 1 is to plan the project and to confirm the work flow and gather data that is now stored in several formats. Task 2 will be to create the new conformed base drawings in AutoCAD Civil 3D with appropriate layers and identification of missing or inaccurate information, starting with approximately 1,600 high priority drawings representing the majority of buried yard piping but only 1% of the total information. Task 3 will be to research missing or conflicting information and to conduct field investigations to update the work products associated with Tasks 1 and 2, with a priority for information needed for anticipated projects. Task 3 also includes activities proposed by the Consultant and accepted by DW that would improve upon the approach to implement or to improve the utility of the new base map.

DW staff solicited proposals from 11 qualified consulting firms in a qualification-based selection. Proposals were received from 5 firms and then reviewed by a selection committee comprised of the Denver Water project team members. The Committee determined that Malcolm Pirnie, a Water Division of Arcadis U.S., Inc. provided DW with a strong technical team and had the best response to the Request for Proposal (RFP). An Agreement has been negotiated with Malcolm Pirnie/Arcadis to provide professional services for Tasks 1 & 2 in the amount of \$97,360.00. Task 3, which will be scoped for an amendment at a later date, is expected to be valued at \$75,000.00 to \$100,000.00.

The 2012 Capital Improvement Plan (MPC 4CA0003 and 2CE0548) includes sufficient funds for this project for 2012. Funding for 2013 will come from MPC 4CA0003.

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. Malcolm Pirnie/Arcadis proposed the use of Kumar and Associates at an estimated value of \$4,000.00 to \$8,000.00, which is 2% to 4% of an estimated \$200,000.00 contract value.

Recommendation

It is recommended that the Board award Agreement 14393A to Malcolm Pirnie, a Water Division of Arcadis U.S., Inc. for the Marston Site Support Project in an amount of \$97,360.00 with a completion date of December 15, 2013 to accommodate the future Task 3.

Budget Considerations

Master Plan Code(s): 4CA0003 & 2CE0548

- Budgeted Item
- Unbudgeted Item
- Funds transferred from another project.

Budget Information

2012/2013 Budget	\$1,049,066.00
Amount Requested This Item	\$97,360.00
YTD Expenditures	\$13,737.00
Additional Expenditures Anticipated	\$637,969.00
Revised 2012/2013 Estimate	\$749,066.00
Variance Required for 2012	(\$300,000.00)

Approvals:

for [Signature]
Robert J. Mahoney
Director of Engineering

Respectfully submitted
[Signature]
James S. Lochhead
CEO/Manager

[Signature]
Patricia L. Wells
General Counsel

[Signature]
Angela Brimont
Director of Finance