

DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: March 13, 2013

Board Item: V-A-20

**First Amendment to 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. When this project started, Denver Water (DW) did not have up-to-date base drawings for the plant. As initially conceived, the project would be conducted through three main tasks. Tasks 1 and 2 are complete. Task 1 planned the project, confirmed the work flow, and gathered data that is now stored in several formats. Task 2 created the new conformed base drawings in AutoCAD Civil 3D with appropriate layers and identified missing or inaccurate information. As initially planned, Task 3 would research missing or conflicting information and conduct field investigations to update the work products associated with Tasks 1 and 2, with a priority for information needed for anticipated projects.

An Agreement was negotiated with Malcolm Pirnie/Arcadis to provide professional services for Tasks 1 & 2 in the amount of \$97,360.00 which was approved by the Board on July 11, 2012. It was anticipated at that time that the fee for Task 3 would be about \$75,000 to \$100,000. An adjustment was made during execution of Tasks 1 and 2 to reorganize Task 3 and include a Task 4. This allows the work to be organized and delivered using a systematic method. Denver Water negotiated a scope and fee with the selected consultant in the amount of \$126,000.00 to complete Tasks 3 and 4.

The 2013 Capital Improvement Plan (MPC 4CA0003) does not include sufficient 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. Malcolm Pirnie/Arcadis will use Kumar and Associates to complete Task 3 with a fee of \$9,530.00, which is 4.3% of the total amended \$223,360.00 contract value.

Recommendation:

It is recommended that the Board authorize the First Amendment to Agreement 14393A to Malcolm Pirnie, a Water Division of ARCADIS US, Inc. for the Marston Treatment Plant Site Support Project in the amount of \$126,000.00.

Budget Considerations

Master Plan Code(s): 4CA0003

Budgeted Item Unbudgeted Item Funds transferred from another project:

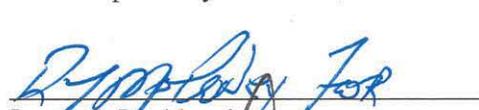
Budget Information

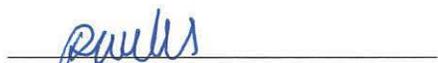
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|-------------------------------------|----|------------|
| 2013 Budget | \$ | 111,922.00 |
| Amount Requested This Item | \$ | 126,000.00 |
| YTD Expenditures | \$ | 32,821.00 |
| Additional Expenditures Anticipated | \$ | 6,179.00 |
| Revised 2013 Estimate | \$ | 165,000.00 |
| Variance Required | \$ | 53,078.00 |

Approvals:

Respectfully submitted,


Robert J. Mahoney
Director of Engineering


James S. Lochhead
CEO/Manager


Patricia L. Wells
General Counsel


Angela Blumenthal
Director of Finance