DENVER BOARD OF WATER COMMISSIONERS

Meeting Date: May 8, 2013

Board Item: V-A- 6

Tabulation of Bids for Chlorine Ball Valves and Actuators Contract 14915A

☒ Action by Consent ☐ Action ☐ Information

Chlorine ball valves are part of the mechanical control system used in the water treatment process. The manual and electrically operated chlorine ball valves at the Moffat Treatment Plant are more than a decade old and need to be replaced. Operations would like to replace the existing ball valves with top-entry ball valves, which are less labor-intensive during maintenance because the balls and seats can be serviced without removing the valve body from the piping. Less frequent disassembly of pipe and chance of leaks with top-entry ball valves is an added benefit through improved safety and reduced labor costs.

An Invitation for Bids was sent to five (5) potential bidders and posted on the Rocky Mountain e-Purchasing System ("BidNet"). Denver Water received three (3) responses which were evaluated based on a number of criteria including each bidder's business references, ability to meet the required lead-time, and valve conformance to Chlorine Institute recommendations. Two (2) bidders were considered non-responsive because they were unable to provide valid references indicating where their product was successfully in use for chlorine service, and they did not submit the required bid forms.

Of the bids evaluated, the Cam-Tite® top-entry ball valves manufactured by ITT Industries Engineered Valves, and supported by their manufacturer's representative, Rust Automation & Controls, Inc., was found to be the best value for Denver Water. These valves are extremely reputable in the industry with excellent references. Denver Water does not have any experience with the other two manufacturers, for chlorine service, so reference checks were critical. The other two manufacturers did not have valid references and one of them had a bad reference. The cost of the valves was in the middle (2nd) of the three manufacturers. The cost of the actuators was the highest of the three manufacturers, however, the actuator proposed meets the requirements and is what the plant currently has and is happy with. In addition, this manufacturer and make/model of valve is used for chlorine service at two other Denver Water plants, allowing Denver Water to maintain uniformity across treatment plants.

The 2013 Capital Improvement Plan (MPC 2CE0556) includes sufficient funds for this project.

Recommendation

It is recommended the Board authorize award of Contract 14915A to Rust Automation & Controls, Inc., for chlorine ball valves and actuators for the contract period May 8, 2013, through December 13, 2013, for a total contract amount not to exceed $159,643.46.

Budget Considerations Master Plan Code(s): 2CE0556

■ Budgeted Item ☐ Unbudgeted Item ☐ Funds transferred from another project:

Budget Information

2013 Budget	$	343,766.00
Amount Requested This Item	$	159,643.46
YTD Expenditures	$	13,458.00
Additional Expenditures Anticipated	$	170,665.00
Revised 2013 Estimate	$	343,766.00
Variance Required	$	0.00

Approvals:

Robert J. Mahoney
Director of Engineering

Angela C. Bricmont
Director of Finance

Respectfully submitted,

James S. Lochhead
CEO/Manager

JAB 4/30/13

April 29, 2013
Revised by CEO's Office 8/19/2011