



City Council Report

Date: February 27, 2017
To: City Council
Through: Mike Kennington, Chief Information Officer
From: Edward Quedens, MPA, C.P.M., CPPO, Business Services Director
Matt Bauer, MBA, CPPO, CPPB, CPSM, Procurement Administrator
Subject: Purchase of Thirteen Replacement Chemical Feed Pumps for the Brown Road Treatment Plant (BRWTP) as requested by the Water Resources Department (Funded by authorized 2014 Water Bonds) **(Citywide)**

Purpose and Recommendation

Council is requested to approve the Purchase of Thirteen Replacement Chemical Feed Pumps as recommended.

The Water Resources Department and Purchasing recommend awarding the contract to the lowest, responsive and responsible bidder, McCarthy Integrated Systems LLC, at \$70,433.59.

Background / Discussion

This purchase is for thirteen chemical metering pumps critical for BRWTP operations, used for metering alum and coagulant. The existing pumps are 31 years old (installed in May of 1986), are at end of life, and no longer supported by the manufacturer. Maintenance has had problems with frequent equipment failures and difficulty locating replacement parts. The contractor will provide the equipment and plant staff will install the equipment.

Treatment of the water to meet primary drinking water standards requires the addition of both alum and coagulant chemicals at the precise dosage. Failure of any of the alum or coagulant metering pumps will result in poor quality water not meeting drinking water standards. A pump failure requires that a portion of the plant fed by that pump be shut down immediately resulting in loss of capacity; this challenges meeting water supply requirements.

Alternatives

Council may choose not to approve the purchase and new responses will be solicited.

Fiscal Impact

The purchase is funded by authorized 2014 Water Bonds.

Coordinated With

Water Resources – Water Utility and Purchasing

PURCHASING INFORMATION

Action: Initial Award

Procurement Type: Request for Bids

Solicitation Number: 2017108

Vendors Registered: ProcureAZ (64) and Vendor Self Service (16)

Advertising: ProcureAZ and Purchasing Website

Downloads: 50

Responses: 6 (3 Non-Responsive) and 1 No Bid

Local Consideration: Not applicable as there were no Mesa responses.

Protests Received: None

Prices: Future price increases are capped by the Index – N/A

Pricing Available to Other Cooperative Agencies: Yes

December 22, 2016 Responses

McCarthy Integrated Systems, LLC Wickenburg, AZ	\$51,139.75 (Recommended)
James Cooke and Hobson, Inc. Phoenix, AZ	\$90,393.00
Hennesy Mechanical Sales Phoenix, AZ	\$164,860.00
Milton Roy Ivyland, PA	Non-Responsive – Did not submit bid pricing with their response.
Lutz-Jesco America Corporation Rochester, NY	Non-Responsive – Bid items did not meet specifications.
ProChem Tech International, Inc. Brockway, PA	Non-Responsive – Bid items did not meet specifications.

No Bid Response received from
Chemical Feeding

AWARD RECOMMENDATION
McCarthy Integrated Systems LLC
Wickenburg, AZ

Description	
Chemical Feed Pumps per Agreement No. 2017108; Exhibits – Scope of Work / Technical Specifications, Pricing and Mesa Standard Terms and Conditions and Other Exhibits; Solicitation including any addenda; and Contractor Response	
Base (Quantity 13)	\$64,915.75*
8.5% Sales Tax	<u>\$5,517.84</u>
Total	\$70,433.59
*Base bid pricing for ten pumps at <u>\$51,139.75</u> and three additional pumps and kits for Fluoride at <u>\$13,776.00</u> .	