

**EVALUATION OF BID  
PROPOSALS**

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FOR: BIOTRICKLING FILTER ODOR CONTROL SYSTEM

Bid File No. 3443  
Bid Opening: 2/12/16

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**BIDDERS**

**TOTAL NET BID AMOUNT**

- |   |                |
|---|----------------|
| 1. Evoqua Water Technologies<br>12316 World Trade Drive<br>San Diego CA 92128         | \$2,543,000.00 |
| 2. BioAir Solutions, LLC<br>110 Kresson-Gibbsboro Road Suite 303<br>Voorhees NJ 08043 | \$2,803,567.00 |
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Each bidder has agreed to allow the City ninety (90) days from date bids are opened to accept or reject their bid proposal. Purchasing requests that you complete the following sections and return this bid evaluation to the Purchasing Division at the latest by Monday, March 7, 2016, 5:00 P.M.

The Budget Allocation for this expenditure is \$2,400,000. The contract price is 6.0% above the Budget Allocation. If the overage is greater than 10% or only one bid was received, give explanation:

**BACKGROUND OF PROJECT**

This bid package is the preprocurement of a Biotrickling Filter odor control system (BFOCS) for the Headworks Building located at the Fresno/Clovis Regional Wastewater Reclamation Facility. The existing odor control system for the Headworks facility consists of 3 chemical scrubbers. Each scrubber processes approximately 30,000 cubic feet of air per minute (CFM). These scrubbers are costly to operate and maintain. The scrubbers use costly chemicals to scrub the air which is then returned to the sewer system for processing. These scrubbers are more than 20 years old and the 25 foot tall 12 foot diameter fiberglass containment vessels are beginning to fail and must be replaced. The requirements for the replacement of these systems are set forth in the San Joaquin Valley Air Pollution Control District rules. The rules state that emissions from the Headworks Facility must comply with Volatile Organic Chemical emissions limits per the Facility permit.

The existing Odor Control System ductwork has been recently upgraded to chemical resistant materials therefore this project scope will only be for the replacement of the OCU's. It was determined that the 3 systems should be replaced with two new systems. The first is this GAC system which will treat 30,000 CFM the cleaner air which is exhausted from the space conditioned for operator safety. The second is this bid package, a more expensive biological system for 60,000 CFM air being exhausted from the spaces where raw wastewater is being conveyed.

This bid package was only for the BFOCS package equipment. The construction contract to install both the GAC and BFOCS will advertise in spring 2016. The construction should begin in fall 2016. Because the new environmentally friendly technology being installed has a larger foot print, the construction project will include two duct bridges from the existing facility across a drive to an empty field where the new systems will be installed.

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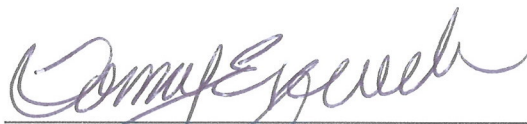
**DEPARTMENT CONCLUSIONS AND RECOMMENDATION:**

- ☒ Award a contract in the amount of \$2,543,000.00 to Evoqua Water Technologies as the lowest responsive and responsible bidder.

Remarks:

- ☐ Reject all bids. Reason:

Department Head Approval



Title Director Of Public Utilities

Date 2-22-16

☒ Approve Dept. Recommendation

☐ Disapprove

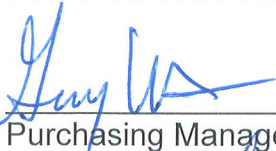
☐ See Attachment

☒ Approve Finance/Purchasing Recommendation

☐ Disapprove

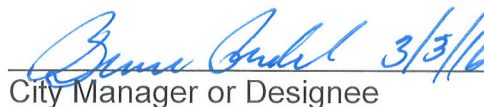
FINANCE DEPARTMENT

CITY MANAGER



Purchasing Manager

3/1/16  
Date



City Manager or Designee

Date



Finance Director

3/1/16  
Date