

AGENDA ITEM NO. 1D

COUNCIL MEETING 03/20/14

APPROVED BY


DEPARTMENT DIRECTOR


CITY MANAGER

March 20, 2014

FROM: STEPHEN A. HOGG, Assistant Director 
Department of Public Utilities - Wastewater Management Division

BY: KEVIN L. NORGAARD, Supervising Professional Engineer 
Department of Public Utilities - Wastewater Management Division

SUBJECT: Actions pertaining to Digesters 5 and 11 Cleaning at the Fresno/Clovis Regional Wastewater Reclamation Facility (Bid File No. 3257) (Council District No. 3)

1. Adopt a finding of Class 1 Categorical Exemption, pursuant to Section 15301(b) (existing facilities) of the California Environmental Quality Act Guidelines
2. Award a \$259,141 contract to JND Thomas Co., Inc., of Riverdale, California

RECOMMENDATIONS

Staff recommends that City Council:

1. Adopt a finding of Class 1 Categorical Exemption, pursuant to Section 15301(b) (existing facilities) of the California Environmental Quality Act (CEQA) Guidelines for Digesters 5 and 11 Cleaning at the Fresno/Clovis Regional Wastewater Reclamation Facility (RWRF).
2. Award a contract in the amount of \$259,141 to JND Thomas Co., Inc., of Riverdale, California, for Digesters 5 and 11 Cleaning at the RWRF.

EXECUTIVE SUMMARY

Periodic cleaning of the thirteen digesters at the RWRF is required to keep the plant functioning within regulatory requirements. The Department of Public Utilities, Wastewater Management Division is seeking to award a contract for the cleaning of Digesters 5 and 11 at the RWRF in the amount of \$259,141 to JND Thomas Co., Inc. of Riverdale, California, as the lowest responsive and responsible bidder. Staff recommends that the City Council adopt a finding of Class 1 Categorical Exemption; pursuant to Section 15301(b) of the CEQA Guidelines for the cleaning.

BACKGROUND

The Fresno/Clovis RWRF operates thirteen mesophilic anaerobic digesters. The digesters range in size from 860,000 to 1,870,000 gallons. The digesters are used in the treatment of the solids generated at the RWRF to eliminate the pathogens and volatile organic compounds. Over the period of approximately eight years these digesters accumulate debris associated with the treatment (i.e. solids consisting of sludge, sand, plastics and hair). This project will remove all the accumulated debris and inspect the interior surfaces for corrosion, wear, and structural stability for digesters 5 and 11. Once removed from the digesters, the debris will be screened out and transported to an appropriate class landfill. After the screening, the sludge will be dewatered and processed along with the other dewatered biosolids from the facility. The interior of the digesters will be pressure washed and then inspected for any problems.

Plans and specifications were prepared for the project. A Notice Inviting Bids was published on January 8, 2014 and posted on the City's website. The specifications were distributed to 25 prospective bidders, and posted at ten Builder Exchanges. The Bid will expire within 64 days of bid opening on April 2, 2014. Two sealed bid proposals were received and publicly opened on January 28, 2014. The bid proposals were \$259,141 and \$268,520.

JND Thomas Co., Inc. was the lowest responsive bidder with a submitted bid of \$259,141. Staff determination was posted on the City Website on Tuesday, February 18, 2014. Staff recommends that the City Council award a contract in the amount of \$259,141 to JND Thomas Co., Inc. as the lowest responsive and responsible bidder. Their bid price is 5.8% below the original Engineer's Estimate of \$275,000. Wastewater Management Division annually cleans one to two digesters and based on those bids this price is well within reason. Upon approval by the City Council, the agreement will be executed by the Director of Public Utilities or designee, who has been delegated this authority by the City Manager.

ENVIRONMENTAL FINDINGS

Staff has performed a preliminary environmental assessment for Digesters 5 and 11 Cleaning and has determined that it falls within Class 1 Categorical Exemption set forth in CEQA Guidelines, Section 15301(b) (existing facilities) because this contract involves normal operation and maintenance of existing public sewer facilities. Furthermore, none of the exceptions to Categorical Exemptions set forth in the CEQA Guidelines, Section 15300.2 apply to this project.

FISCAL IMPACT

This project is identified in the five year capital improvement plan. Funds in the amount of \$275,000 for the project are budgeted in the FY14 Sewer Enterprise Fund No. 40501. The project is located in Council District 3, and it has not financial impact on the General Fund.

Attachments:

- Bid Evaluation
- Fiscal Impact Statement
- Vicinity map

**EVALUATION OF BID
PROPOSALS**

FOR: DIGESTERS #5 AND #11 CLEANING FOR THE FRESNO/CLOVIS REGIONAL
WASTEWATER RECLAMATION FACILITY

Bid File No. 3257
Bid Opening: 1/28/14

BIDDER'S	BID AMOUNT
1. JND Thomas Co., Inc. 22052 W. Everett Ave Riverdale, CA 93656	\$259,141.00
2. Wastewater Solids Management Inc. P.O. Box 826 Yerington, NV 89447	\$268,520.00

Each bidder has agreed to allow the City sixty-four (64) 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 Wednesday, February 19, 2014 5:00 P.M.

The Budget Allocation for this expenditure is \$275,000.00. The contract price is 5.8 % below the Budget Allocation. If the overage is greater than 10% or only one bid was received, give explanation:

BACKGROUND OF PROJECT:

The Fresno/Clovis RWRF operates thirteen mesophilic anaerobic digesters. The range in size of the digester is from 860,000 to 1,870,000 gallons. The digesters are used in the treatment of the solids generated at the RWRF to eliminate the pathogens and volatile organic compounds. Over the period of approximately eight years these digesters accumulate debris associated with the treatment (i.e. solids consisting of sludge, sand, plastics and hair). The purpose of this project is to remove all the accumulated debris and inspect the interior surfaces for corrosion, wear, and structural stability for digesters #5 and #11. Once removed from the digesters, the debris will be screened out and transported to an appropriate class landfill. After the screening, the sludge will be dewatered and processed along with the normal dewatered biosolid from the facility. The interior of the digesters will be pressure washed and then inspected for any problems.

EVALUATION OF BID PROPOSALS

FOR: DIGESTERS #5 AND #11 CLEANING FOR THE FRESNO/CLOVIS REGIONAL WASTEWATER RECLAMATION FACILITY

Bid File No. 3257
Bid Opening: 1/28/14

DEPARTMENT CONCLUSIONS AND RECOMMENDATION:

Award a contract in the amount of \$259,141 to JND Thomas Co., Inc. as the lowest responsive and responsible bidder.

Remarks:

Reject all bids. Reason:

Department Head Approval

A. Hogg

Title Assistant Director of Public Utilities

Date 2-6-14

- | | | |
|--|---|--------------------|
| <input checked="" type="checkbox"/> Approve Dept. Recommendation | <input checked="" type="checkbox"/> Approve | Finance/Purchasing |
| <input type="checkbox"/> Disapprove | <input type="checkbox"/> Disapprove | |
| <input type="checkbox"/> See Attachment | | |

FINANCE DEPARTMENT

CITY MANAGER

Jason McDonald 2/7/2014
Purchasing Manager Date

B. Bell 2/10/14
City Manager or Designee

Laura Bradley 2/10/2014
Assistant Controller Date

FISCAL IMPACT STATEMENT

PROGRAM:

<u>RECOMMENDATION</u>	<u>TOTAL OR CURRENT</u>	<u>ANNUALIZED COST</u>
Direct Cost	<u>\$259,141.00</u>	_____
Indirect Cost*	<u>\$ 8,000.00</u>	_____
TOTAL COST	<u>\$267,141.00</u>	_____
Additional Revenue or Savings Generated	<u>\$0</u>	_____
Net City Cost	<u>\$267,141.00</u>	_____
Amount Budgeted (If none budgeted, identify source)	<u>\$275,000.00</u>	_____
 <u>*Indirect Costs</u>		
Administration	<u>\$ 4,000.00</u>	
Contract Compliance	<u>\$ 1,000.00</u>	
Other	<u>\$ 3,000.00</u>	

The funds for this project are available in the 2014 Sewer Enterprise Reserves Fund No. 40501

WEST JENSEN AVENUE



TRAILER

FRONT GATE

TRAILER

LAB

LAB ANNEX

SEPTAGE HANDLING

LEGEND

ENTRANCE

EXIT



PROJECT AREA

ADMIN

NEW LAB

DEWATERING



HPA/ WELDER

DIGESTER CONTROL

PROJECT VICINITY



DIGESTER CONTROL

FDG FACILITY

PRIMARY CLARIFIERS

- 7204.03.6
- 7204.03.7
- 7204.03.8
- 7204.03.9
- 7204.04.0
- 7204.04.1
- 7204.04.2
- 7204.04.3
- 7204.04.4
- 7204.04.5
- 7204.04.6
- 7204.04.7
- 7204.04.8
- 7204.04.9
- 7204.05.0
- 7204.05.1
- 7204.05.2
- 7204.05.3
- 7204.05.4
- 7204.05.5
- 7204.05.6
- 7204.05.7
- 7204.05.8
- 7204.05.9
- 7204.06.0
- 7204.06.1
- 7204.06.2
- 7204.06.3
- 7204.06.4
- 7204.06.5
- 7204.06.6
- 7204.06.7
- 7204.06.8
- 7204.06.9
- 7204.07.0
- 7204.07.1
- 7204.07.2
- 7204.07.3
- 7204.07.4
- 7204.07.5
- 7204.07.6
- 7204.07.7
- 7204.07.8
- 7204.07.9
- 7204.08.0
- 7204.08.1
- 7204.08.2
- 7204.08.3
- 7204.08.4
- 7204.08.5
- 7204.08.6
- 7204.08.7
- 7204.08.8
- 7204.08.9
- 7204.09.0
- 7204.09.1
- 7204.09.2
- 7204.09.3
- 7204.09.4
- 7204.09.5
- 7204.09.6
- 7204.09.7
- 7204.09.8
- 7204.09.9

