



# Wastewater Treatment Facility Improvements

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Senior Engineer

# Bidding



Advertisement Date: June 15, 2018

Bid Opening Date: July 31, 2018

Bid Results:

<u>Company</u>	<u>Bid Amount</u>
C. Overaa & Co.	\$17,792,000
Western Water Constructors, Inc.	\$18,860,167
Gateway Pacific Contractors, Inc.	\$20,221,340
GSE Construction Company Inc.	\$20,598,167
Myers & Sons Construction, LLC	\$21,955,667
<i>Engineer's Estimate</i>	<i>\$17,600,000</i>

# Bid Analysis



- Significant spread between bids  
Approx. 1% to 25% of Engineers Estimate
- C. Overaa & Co.'s bid was determined non-responsive as Electrical sub-contractor did not meet City's mandatory minimum experience requirements
- Western Water Constructors, Inc. was determined responsive
- Western Water's bid 7.16% over Engineer's Estimate

# Fiscal Impact



## Total Construction Costs:

Construction Contract	\$18,860,167
Engineering Services during Construction	\$ 1,184,030
Construction Management and Inspection <sup>1</sup>	\$ 1,120,000
Project Administration	\$ 330,000
Control Systems Programming & Integration	\$ 898,976
Owner-purchased Equipment	\$ 200,000
Engineering Design Services <sup>2</sup>	\$ 121,827
Project Contingency	\$ 2,000,000
<b>Total*</b>	<b>\$24,715,000</b>

\*\$23.6 million is to be funded through 2018 Wastewater Revenue Bonds and the remaining \$1.115 million from the Wastewater CIP Fund.

<sup>1</sup> On May 1, 2018, City Council awarded a Professional Services Agreement to ICM Group Inc. of Folsom, CA to provide Construction Management and Inspection Services.

<sup>2</sup> Previous Engineering Services expenses for the project design completion.

# Fiscal Impact



- Engineering Services During Construction includes services listed below to be provided by City's design engineer:
  - Respond to RFI's
  - Review shop drawings
  - Assistance to City staff and Construction Manager to construct the project in accordance with the design documents
  - Prepare as-built drawings
- Control Systems Programming & Integration
  - Programming
  - Supervisory Control and Data Acquisition System Upgrade
  - Other Related Services

# Schedule

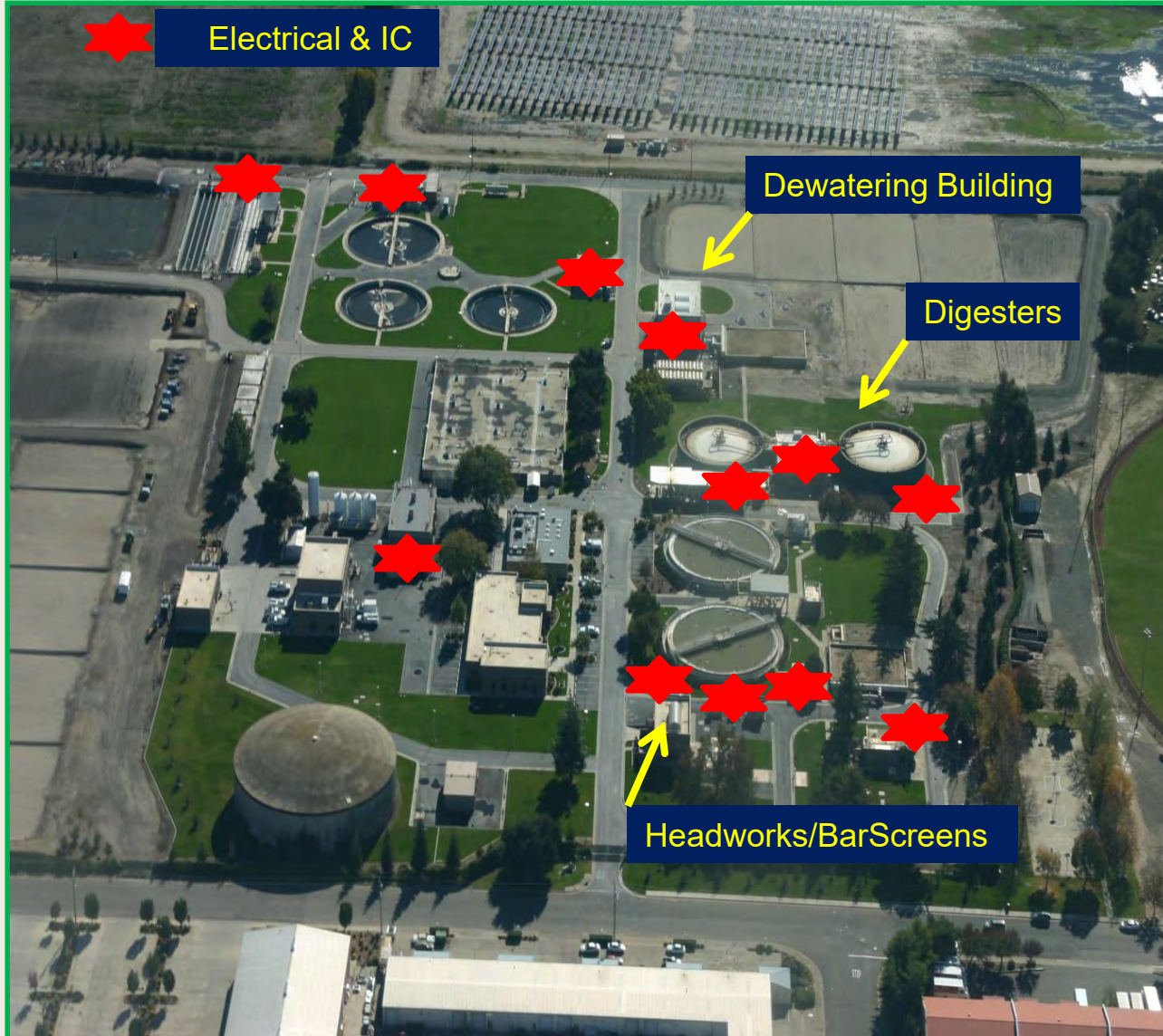
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- Mobilization: Spring 2019
- Anticipated Completion: Spring 2021



# Project





# Recommendation



- A. Reject the bid submitted by C. Overaa & Co. of Richmond, CA as non-responsive for failure to meet the mandatory experience requirements.
- B. Award Contract No. 17-09 Wastewater Treatment Facility Improvements Project to Western Water Constructors, Inc. of Santa Rosa, CA in the amount of its bid of \$18,860,167.
- C. Award a Professional Services Agreement to Woodard & Curran of Walnut Creek, CA for Engineering Services during Construction in the amount of \$1,184,030, with the finding that it is in the best interest of the City.
- D. Award a Professional Services Agreement to ArcSine Engineering of Redding, CA in the amount of \$898,976 to provide Control Systems Programming and related services for the Wastewater Treatment Facility Improvements Project, with the finding that it is in the best interest of the City.
- E. Authorize a supplemental appropriation and related transfers in the amount of \$1,121,826.57 from unallocated CIP reserves to Account Nos. 981252 – WWTF Improvements (\$1.0 million), 981177 – Barscreen Rehabilitation (\$30,258.24), and 981195 – Electrical and Instrumentation System Evaluations and Improvements (\$91,568.33).