



# Folsom City Council Staff Report

<b>MEETING DATE:</b>	10/27/2020
<b>AGENDA SECTION:</b>	Consent Calendar
<b>SUBJECT:</b>	Resolution No. 10539 - A Resolution Authorizing the City Manager to Execute an Agreement with Lorang Brothers Construction, Inc. for the Construction of the Water Treatment Plant Pre-Treatment System Improvement Project
<b>FROM:</b>	Environmental and Water Resources Department

**RECOMMENDATION / CITY COUNCIL ACTION**

The Environmental and Water Resources Department recommends the City Council pass and adopt Resolution No. 10539 - A Resolution Authorizing the City Manager to Execute an Agreement with Lorang Brothers Construction, Inc. for the Construction of the Water Treatment Plant Pre-Treatment System Improvement Project.

**BACKGROUND / ISSUE**

The Environmental and Water Resources Department identifies infrastructure rehabilitation and replacement projects through water and sewer master plans, ongoing condition assessment programs, and regulatory changes. Staff has completed an analysis of potential treatment plant capacity and reliability projects. Through these efforts, City staff identified the Water Treatment Plant Pre-Treatment System Improvement Project as a priority project.

In April 2016, the City completed a Water Treatment Plant (WTP) Optimization Study to assess existing operations at the WTP and to develop strategies to address any deficiencies regarding the City’s water treatment process. The study evaluated chemical addition, pre-treatment, filtration, and disinfection of the water treatment process. One of the recommendations from the study is to improve the reliability and redundancy of City’s existing pre-treatment sedimentation capacity.

Currently, the City’s water treatment process consists of three pre-treatment facilities, two Actiflo trains that can treat 20 million gallons per day (MGD) each and the Basin 5 train, which can treat 15 MGD for a total capacity of 55 MGD of treated water. However, if the WTP were required to produce at the rated design capacity of 50 MGD, this requires all three pre-treatment sedimentation trains to remain online without any redundancy. If one of the three existing pre-treatment sedimentation systems were offline due to failure or operation and maintenance, the WTP would only be able to produce 35 to 40 MGD.

This resolution will authorize the City Manager to execute an Agreement with Lorang Brothers Construction, Inc. for the construction of the Water Treatment Plant Pre-Treatment System Improvement Project in the amount of \$2,088,200.

**POLICY / RULE**

In accordance with Chapter 2.36 of the Folsom Municipal Code, supplies, equipment, services, and construction with a value of \$62,014 or greater shall be awarded by City Council.

**ANALYSIS**

The City completed plans and specifications for the WTP Pre-Treatment System Improvement Project and publicly advertised for bids on September 4, 2020. In addition, the City provided these documents to [www.ciplist.com](http://www.ciplist.com) which is also picked up by several area builders’ exchanges. The Environmental and Water Resources Department received the following bids on October 9, 2020 for construction of the WTP Pre-Treatment System Improvement Project:

<b>Contractor</b>	<b>Bid Amount</b>
Lorang Brothers Construction, Inc.	\$2,088,200
R.E. Smith Contractor, Inc.	\$2,138,000
James C. Cushman, Inc.	\$2,245,400
GSE Construction, Inc.	\$2,279,100
TNT Industrial Contractors, Inc.	\$2,479,394
Mountain Cascade, Inc.	\$2,534,299
Syblon Reid	\$2,558,000
Auburn Constructors, LLC	\$2,603,300
Anvil Builders, Inc.	\$3,786,600

Staff has reviewed the bids submitted and has determined that Lorang Brothers Construction, Inc. is the lowest responsible and responsive bidder who meets the requirements and specifications set forth in the invitation for bids. The engineer’s estimate for this project was \$3,400,000.

## **FISCAL IMPACT**

The Environmental and Water Resources Department recommends that the contract be awarded to the lowest responsible, responsive bidder, Lorang Brothers Construction, Inc. for \$2,088,200 with the project budgeted for this agreement in the amount of \$2,297,020, which will include a 10% contingency in the amount of \$208,820.

Approximate project costs to date, which include pre-design, design, and bid assistance services, construction management and inspection services total approximately \$902,621. The Water Treatment Plant Pre-Treatment System Improvement Project was included in the FY 2020-21 Capital Improvement Plan with a total project budget of \$6,139,675. Sufficient funds are available in both the Water Operating Fund (Fund 520) and Water Capital Fund (Fund 521) for this agreement.

## **ENVIRONMENTAL REVIEW**

This project is replacement and/or improvement of existing infrastructure with negligible or no expansion of use and therefore is categorically exempt from environmental review under the California Environmental Quality Act as noted in Title 14 – California Code of Regulations, Chapter 3 – Guidelines for Implementation of the California Environmental Quality Act, Article 19 – Categorical Exemptions, Sections 15301 (Existing Facilities), 15302 (Replacement or Reconstruction), and/or 15304 (Minor Alterations to Land).

## **ATTACHMENT**

Resolution No. 10539 - A Resolution Authorizing the City Manager to Execute an Agreement with Lorang Brothers Construction, Inc. for the Construction of the Water Treatment Plant Pre-Treatment System Improvement Project

Submitted,

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Marcus Yasutake, Director

ENVIRONMENTAL AND WATER RESOURCES DEPARTMENT

**RESOLUTION NO. 10539**

**A RESOLUTION AUTHORIZING THE CITY MANAGER TO EXECUTE AN AGREEMENT WITH LORANG BROTHERS CONSTRUCTION, INC. FOR THE CONSTRUCTION OF THE WATER TREATMENT PLANT PRE-TREATMENT SYSTEM IMPROVEMENT PROJECT**

**WHEREAS**, the City of Folsom has identified this project as a priority to maintain the integrity and operation of the water treatment system; and

**WHEREAS**, this project is categorically exempt from environmental review under the California Environmental Quality Act; and

**WHEREAS**, plans and specifications were prepared for this work and publicly advertised for bids on September 4, 2020; and

**WHEREAS**, Lorang Brothers Construction, Inc. was the lowest responsive bidder, with an amount of \$2,088,200; and

**WHEREAS**, this project was included in the FY 2020-21 Capital Improvement Plan with a project budget of \$ 6,139,675 and sufficient funds are available in both the Water Operating Fund (Fund 520) and Water Capital Fund (Fund 521) for this agreement; and

**WHEREAS**, the agreement will be in a form acceptable to the City Attorney:

**NOW, THEREFORE, BE IT RESOLVED** that the City Council of the City of Folsom authorizes the City Manager to execute an agreement with Lorang Brothers Construction, Inc. for the construction of the Water Treatment Plant Pre-Treatment System Improvement Project for a not-to-exceed amount of \$2,088,200 with the budgeted amount to include a 10% contingency for a total of \$2,297,020; and,

**PASSED AND ADOPTED** this 27<sup>th</sup> day of October 2020, by the following roll-call vote:

**AYES:** Council Member(s):  
**NOES:** Council Member(s):  
**ABSENT:** Council Member(s):  
**ABSTAIN:** Council Member(s):

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Sarah Aquino, MAYOR

ATTEST:

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Christa Freemantle, CITY CLERK