

CITY OF YUBA CITY
STAFF REPORT

Date: December 20, 2022
To: Honorable Mayor & Members of the City Council;
From: Public Works Department
Presentation By: Ben Moody, Public Works & Development Services Director

Summary

Subject: Wastewater Treatment Facility Lift Station 2 Rehabilitation (Plans & Specifications)
Recommendation: Adopt a Resolution approving the plans and specifications for the Wastewater Treatment Facility Lift Station 2 Rehabilitation Project (21-24), authorizing advertisement for bids on the project, and adopting a CEQA Class 1 Categorical Exemption
Fiscal Impact: \$700,000 – Account No. 981105-65501 (Lift Station Improvements)

Purpose:

To maintain and rehabilitate the City's Wastewater Lift Station 2.

Council's Strategic Goal:

This item corresponds with City Council's Strategic Goal of improving vital wastewater infrastructure.

Background:

The City's wastewater collection system includes 17 lift stations. Lift Station 2 (LS 2) was built in 1992 with a capacity of 4,500 gallons per minute (gpm) making it the oldest and one of the largest in operation. LS 2 was evaluated as part of the 2020 Wastewater Master Plan (Plan) where major rehabilitation was recommended as a priority for completion within the first one to five years under the Plan. Items of major concern include exposed aggregate and reinforcing bars due to severe concrete deterioration, a lack of a bypass discharge option for emergencies and shutdowns, and aging pumps beyond their regular service life. Additionally, typical maintenance activities utilize high-pressure water blasting that can cause further concrete deterioration. With limited ability for maintenance, LS 2 operations can be severely impacted in the future.

LS 2 is vital to the operation of the City's wastewater conveyance and treatment operations. To avoid costly emergency repairs and subsequent impacts to the wastewater treatment process, staff recommends immediate rehabilitation of LS 2.

Staff has developed a two-phased approach to the Lift Station No. 2 Rehabilitation Project (Project) to

accomplish this priority project in a cost-effective and efficient manner.

Lift Station No. 2 Rehabilitation Project Phases:

1. Purchase of pumps and parts prior to construction to avoid long lead times during the construction phase (Council awarded on November 1, 2022)
2. Contract for wet-well rehabilitation, pump installation, bypass construction, and bypass operation

Analysis:

Public Works has prepared the project plans, specifications, and cost estimate for the Wastewater Treatment Facility Lift Station 2 Rehabilitation Project. With Council's approval of the plans and specifications and authorization to advertise for bids, staff proposes the following schedule:

Advertise for bid:	January 2023
Open bids:	February 2023
Award contract:	March 2023
Start of construction:	April 2023
Complete construction:	May 2023

The plans and specifications for the project are on file in the Public Works Department at City Hall and at www.yubacity.net/publicworksplans for review.

A project of this magnitude requires significant construction management and inspection staffing to oversee the construction process and adherence to City, state, and federal standards. The construction management and inspection needs of this project exceed City staffing levels. Staff intends to issue a request for proposals for construction management and inspection services and will bring a professional services agreement for a consultant to provide these services to Council at the time of award of construction contract.

Fiscal Impact:

The estimated total construction cost for phase II of the Project is approximately \$700,000. This estimate includes a 20% construction contingency, construction management, and inspection. Account No. 981105-65501 (Lift Station Improvements) has sufficient funding programmed. Detailed fiscal impacts will be presented to Council at time of award based on actual bid amounts.

Environmental:

Staff has performed a preliminary environmental assessment of this project and has determined that it falls within the Class 1 Categorical Exemption set forth in CEQA Guidelines Section 15301, as the rehabilitation of Lift Station 2 is defined as a repair, maintenance, or minor alteration of existing public facilities, involving negligible or no expansion. Further, none of the exceptions to Categorical Exemptions set forth in CEQA Guidelines 15300.2 apply to this project.

Alternatives:

1. Do not approve the plans and specifications and delay the project.
2. Modify the proposed plans and specifications.

Delaying this project may result in severe impacts to the wastewater treatment process.

Recommendation:

Adopt a Resolution approving the plans and specifications for the Wastewater Treatment Facility Lift Station 2 Rehabilitation Project (21-24), authorizing advertisement for bids on the project, and adopting a Class I Categorical Exemption.

Attachments:

1. WWTF Lift Station 2 Rehab RESOLUTION 21-24

Prepared By:

Nick Menezes
Assistant Civil Engineer

Submitted By:

Diana Langley
City Manager

ATTACHMENT 1

RESOLUTION NO. _____

**RESOLUTION OF THE CITY COUNCIL OF THE CITY OF YUBA CITY
ADOPTING A CEQA CLASS 1 CATEGORICAL EXEMPTION, APPROVING
THE PLANS AND SPECIFICATIONS FOR THE WASTEWATER TREATMENT
FACILITY LIFT STATION 2 REHABILITATION PROJECT (21-24) AND
AUTHORIZING ADVERTISEMENT FOR BIDS ON THE PROJECT**

WHEREAS, the Public Works Department intends to solicit bids for construction of the Wastewater Treatment Facility Lift Station 2 Rehabilitation Project (21-24) (Project).

NOW, THEREFORE, be it resolved and ordered by the City Council of the City of Yuba City as follows:

1. Staff has performed a preliminary environmental assessment of this project and has determined that it falls within the Class 1 Categorical Exemption set forth in CEQA Guidelines Section 15301, as the rehabilitation of Lift Station 2 is defined as a repair, maintenance, or minor alteration of existing public facilities, involving negligible or no expansion. Further, none of the exceptions to Categorical Exemptions set forth in CEQA Guidelines 15300.2 apply to this project. As such the City adopts a Categorical Exemption per CEQA Guidelines section 15301 for this project.
2. The plans and specifications for the Project are approved.
3. The Public Works Department is hereby authorized and directed to advertise for bids for the Project.

The foregoing Resolution was duly and regularly introduced, passed, and adopted by the City Council of the City of Yuba City at a regular meeting thereof held on the 20th day of December, 2022.

AYES:

NOES:

ABSENT:

Wade Kirchner, Mayor

ATTEST:

Ciara Wakefield, Deputy City Clerk

APPROVED AS TO FORM
COUNSEL FOR YUBA CITY:

Shannon Chaffin, City Attorney
Aleshire & Wynder, LLP