



Agenda Report

MEETING DATE: Tuesday, December 13, 2022

TO: City Council

FROM: PUBLIC WORKS & UTILITIES DIRECTOR DI RENZO
DANIELLE GREEN, ASSISTANT DIRECTOR OF PUBLIC WORKS &
UTILITIES

THROUGH: CITY MANAGER MENDEZ

SUBJECT: APPROVAL OF PLANS AND SPECIFICATIONS AND
ADVERTISING FOR BIDS FOR THE AMESTI WATER RESERVOIR
INTERIOR COATING AND CONNECTION MODIFICATION
PROJECT NO. WA-22-14826

RECOMMENDED ACTION:

Adopt a resolution approving plans and specifications and call for bids for the Amesti Water Reservoir Interior Coating and Connection Modifications, Project No. WA-22-14826.

BACKGROUND:

Plans and specifications have been prepared for the Amesti Water Reservoir Interior Coating and Connection Modification Project, which is ready to be advertised for bids.

DISCUSSION:

Amesti Reservoir is one of the City's existing water storage facilities located in the Corralitos area. The reservoir is an existing steel tank which is in need of interior coating replacement, as well as modification to the existing outlet to meet current seismic standards. The current reservoir outlet is hard-piped to the tank bottom which could result in shear failure and loss of storage capacity in a seismic event. This project will modify the outlet location to the side of the tank with a flexible connection to improve seismic reliability. The project will also include blasting to remove the existing interior coating and corrosion and replacing with a new epoxy coating which is anticipated to extend the existing reservoir service life for 20 years or more.

The engineer's estimate for the project is \$825,000, and the bid opening is scheduled for Wednesday, January 18, 2023 at 2:00pm.

STRATEGIC PLAN:

The project supports Strategic Plan Priority:

3 - Infrastructure & Environment

FINANCIAL IMPACT:

This project is included in the current approved budget and Capital Improvement Plan (CIP) for the Water Enterprise Fund. Budget number allocation will be provided at project award, including any budget transfers if determined necessary.

ALTERNATIVE ACTION:

The Council could decide not to award this project which would result in the continued deterioration and seismic vulnerability of the existing steel tank, which could reduce its remaining useful life. This would result in a more costly reservoir replacement project in the near term in order to continue to provide reliable water service to the area.

ATTACHMENTS AND/OR REFERENCES (If any):

1. Map of project vicinity