



CITY OF GLENDALE, CALIFORNIA REPORT TO THE CITY COUNCIL

AGENDA ITEM

Report: Plans and Specifications for the Emerald Isle 1666 Tank and Glendale Recycled Water Tank Rehabilitation Project.

- 1) Resolution adopting Specification No. 3934 and Plan No. 6960-E for Emerald Isle 1666 Tank and Glendale Recycled Water Tank Rehabilitation Project, and directing the City Clerk to advertise for bids.

COUNCIL ACTION

Item Type: Consent Calendar

Approved for September 27, 2022 **calendar**

EXECUTIVE SUMMARY

Specifications and Plans have been completed for the tank rehabilitation of Emerald Isle 1666 Potable Water Tank and Glendale Recycled Water Tank. Staff respectfully requests the City Council to adopt the project specifications and plans and authorize advertising for bids. Specification No. 3934 and Plan No. 6960-E are available at the Glendale Water & Power (GWP) - Water Engineering Service Counter.

COUNCIL PRIORITIES

Environmental Stewardship: The Glendale Recycled Water Tank Rehabilitation improves reliability of the recycled water supply to the community, which allows GWP to continue serving recycled water to customers and continue conservation of potable water.

Infrastructure: Aging infrastructure in the City's water system is replaced or rehabilitated on a planned and ongoing basis. The Emerald Isle 1666 Tank and Glendale Recycled Water Tank Rehabilitation Project is part of the Water Storage Facility Rehabilitation Program that ensures reliable service now and for future generations. The updated safety features at the water storage tanks also improves safety for City staff when they access the tanks.

RECOMMENDATION

Authorize the City Manager, or his designee, to adopt Specification No. 3934 and Plan No. 6960-E for Emerald Isle 1666 Tank and Glendale Recycled Water Tank Rehabilitation Project, and direct the City Clerk to advertise for bids.

BACKGROUND

The City of Glendale owns and operates 28 potable water reservoirs/tanks and five recycled water tanks in the water system. During regular inspections, some tanks are found to be in need of repairs to extend their service life and comply with current safety standards.

In July 2016, the City hired Harper & Associates Engineering (Harper) to evaluate a number of welded steel water storage tanks for both the potable and recycled water systems. Harper prepared evaluation reports outlining the condition of the tank coating systems and with recommendations to repair and/or upgrade structural and safety deficiencies. The evaluation reports also included interior and exterior photographic surveys and laboratory analysis on the chemical components of the existing coatings.

Based on the findings and recommendations, the Water Division has implemented a capital improvement program to systematically rehabilitate these water storage tanks. Emerald Isle 1666 Potable Water Tank and Glendale Recycled Water Tank have been selected for rehabilitation in Fiscal Year 2022-2023.

The proposed work at the selected tanks includes abrasive removal of existing paint, application of new coating systems, structural repairs, and installation of new safety features.

ANALYSIS

To ensure competitive bids, the project will be advertised in a local newspaper, the Glendale Independent, prior to bid opening, as well as on eBidBoard, a construction services company. In turn, eBidBoard will send the project advertisement to several other project posting sites that do not require a subscription (i.e. Bid America, Blueprint Express, Construction Data Corp, Direct Connection, F.W. Dodge, etc.).

The construction of the project is anticipated to begin in March 2023 and is anticipated to be completed by December 2023. Water service to customers will not be interrupted during construction.

Specification No. 3934 and Plan No. 6960-E are on file and available at the Glendale Water & Power - Water Engineering Service Counter.

CONTRACT DASHBOARDS

Project Description:	Emerald Isle 1666 Potable Water Tank and Glendale Recycled Water Tank Rehabilitation
Plans/Specs Adopted:	September 27, 2022
Advertisement Method:	Glendale Independent newspaper and online bidding distribution website: eBidBoard.com
Specs to be Issued:	September 28, 2022 – October 19, 2022
Bids to be Opened:	October 19, 2022

Company Name(s) and Proposal Amount(s):	TBD
Recommended Contractor(s):	TBD
New / Existing Contractor(s):	TBD
Procurement Method (Bid / SS):	Bid
Contract Term:	1 Year
Construction Phase Begins:	March 2023
Construction Phase Ends:	December 2023

STAKEHOLDERS/OUTREACH

During construction, there will be some noise and minor ground vibration from the movement of construction vehicles. Water service to customers will not be interrupted throughout the construction phase. GWP will reach out to the residents adjacent to the project sites via letter to inform them about the project and potential impacts.

FISCAL IMPACT

The engineer's estimate for the construction work of this project at the planning stage was originally between \$400,000 and \$500,000 per tank, which was approved as a part of the FY 2022-23 budget. No new appropriation is being requested at this time.

Due to the current labor market, material cost increases, finalization of the scope during the design phase, GWP has updated the engineer's estimate to be between \$900,000 and \$950,000. GWP staff will request to appropriate funds from the Water Fund Undesignated Fund Balance to cover the additional construction cost if the bid proposal amounts come in higher than the budgeted engineer's estimate. The City Council approved funding is outlined below:

Existing Appropriation		
Amount	Account String	Funding Source
\$599,136	GL:52100-5930-GWP-0020-P0000 PL:GWP00669AA	GWP Water Depreciation Fund (5930)

ENVIRONMENTAL REVIEW

This project is categorically exempt from the California Environmental Quality Act (CEQA) review as a Class 1: Existing Facilities pursuant to the California Code of Regulations, Title 14, Section 15301.

CAMPAIGN DISCLOSURE

Not Applicable.

ALTERNATIVES

Alternative 1: Authorize the City Manager, or his designee, to adopt Specification No. 3934 and Plan No. 6960-E for Emerald Isle 1666 Tank and Glendale Recycled Water Tank Rehabilitation Project, and direct the City Clerk to advertise for bids.

Alternative 2: Not to adopt Specification No. 3934 and Plan No. 6960-E, which will result in postponement of the project, with the probable impact of increasing the risk of further protective coating deterioration, structural failure, and potentially increasing the cost of the project when it is completed in the future.

Alternative 3: Consider any other alternative not proposed by staff.

ADMINISTRATIVE ACTION

Prepared by:

Michael E. De Ghetto, Chief Assistant General Manager – Water

Approved by:

Roubik R. Golanian, P.E., City Manager

EXHIBITS / ATTACHMENTS

None.