



CITY OF GLENDALE, CALIFORNIA REPORT TO THE CITY COUNCIL

AGENDA ITEM

Report: Adoption of Plans and Specifications for the Glorietta 968 Reservoir West Cell Floor Rehabilitation Project.

1. Resolution adopting Specification No. 3962 and Plans, for the work necessary to complete the Glorietta 968 Reservoir West Cell Floor Rehabilitation Project and authorizing the City Clerk to advertise for bids.

COUNCIL ACTION

Item Type: Consent Calendar

Approved for November 28, 2023 **calendar**

EXECUTIVE SUMMARY

The intent of this report is for City Council to adopt Plans and Specification for the work necessary to re-seal the concrete floor joints of the West Cell of Glorietta 968 Reservoir and authorize the City Clerk to advertise for bids.

RECOMMENDATION

That the City Council adopt Plans and Specification for the work necessary to re-seal the concrete floor joints of the West Cell of Glorietta 968 Reservoir and authorize the City Clerk to advertise for bids.

BACKGROUND/Analysis

The City of Glendale's potable water system contains 28 tanks and reservoirs that are located throughout the City. GWP staff inspects and maintains these reservoirs and tanks on a routine schedule following the American Water Works Association (AWWA) guidelines. Depending on the condition of the facility, minor repairs and modifications can be completed, major repairs may be needed, or in some cases, a complete asset replacement is needed.

Glorietta 968 Reservoir is over 90 years old. Intermediate patchwork on the floor joints has been completed since its construction, but no complete rehabilitation of the floor joints has been completed to date. It is currently out of service in preparation for this work.

As reservoirs age, their construction develops symptoms of that aging process by leaking through the joints in the reservoir's floor construction, where water pressure is the greatest. This leak rate gradually increases over time unless it is mitigated. The

leaking condition at Glorietta 968 Reservoir has progressed to the point where its contribution to the total losses in Glendale’s water system is unacceptable.

If approved, the Glorietta 968 Reservoir West Cell Floor Rehabilitation Project will mitigate these losses, adding years to the life of the reservoir, as well as keep the City in compliance with its water loss mitigation goals.

The Glorietta 968 Reservoir West Cell Floor Rehabilitation Project consists of the removal of all existing joint sealant in the floor of the entire West Cell of Glorietta Reservoir, followed by the application of new joint sealant. Totaling approximately 3,650 linear feet, the floor joints of the reservoir will be restored to “new” condition, and the cell can be put back into service.

Activity	Projected Date of Completion
Project Award	February 2024
Construction	April 2024
Project Closeout Activities	June 2024

While overall costs increased substantially from 2020 to 2022, construction costs have stabilized into a gradually increasing rate with inflation over the past year. Staff is anticipating a five percent increase in cost for this project from preliminary quotes from qualified contractors that were received in July 2023. Therefore, an anticipated five percent increase in cost has been included in the Engineer’s Estimate.

STAKEHOLDERS/OUTREACH

N/A

FISCAL IMPACT

There is no fiscal impact associated with this report. The engineer’s estimate of total project cost is between \$170,000 and \$200,000. Staff will request appropriation at contract award.

ENVIRONMENTAL REVIEW

This project is categorically exempt from the requirements of the California Environmental Quality Act (CEQA) review as a Class 1 Existing Facilities project for the operation, repair, maintenance, or minor alteration of existing facilities pursuant to the California Code of Regulations, Title 14, Section 15301.

CAMPAIGN DISCLOSURE

Not applicable.

ALTERNATIVES

Alternative 1: Adopt Plan and Specification for the work necessary to re-seal the concrete floor joints of the West Cell of Glorietta 968 Reservoir, and authorize the City Clerk to advertise for bids on the contract.

Alternative 2: Not adopt the herein referenced specifications and plans, resulting in the placement of Glorietta 968' Reservoir back into service in its current condition.

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

ADMINISTRATIVE ACTION

Prepared by:

Richard Ruyle, Water Services Administrator

Approved by:

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

EXHIBITS / ATTACHMENTS

None.