



City of Santa Ana
20 Civic Center Plaza, Santa Ana, CA 92701
Staff Report
May 21, 2024

TOPIC: SA-5 Vault Modifications

AGENDA TITLE

Approve Additional Funds in the Amount of \$270,000 for the SA-5 Vault Modifications Project with an Estimated Project Delivery Cost of \$2,257,050 for the SA-5 Vault Modifications Project (Project No. 11-6413) (Non-general Fund)

RECOMMENDED ACTION

1. Approve an amendment to the Project Cost Analysis in the amount of \$270,000 for \$240,000 in additional contingency funds and \$30,000 in additional contract administration, inspection, and testing for a new estimated total construction delivery cost of \$2,257,050.
2. Approve an amendment to the Fiscal Year 2023-24 Capital Improvement Program to include \$270,000 of Acquisition & Construction funds for the First SA-5 Vault Modifications Project (11-6413).

GOVERNMENT CODE §84308 APPLIES: Yes

DISCUSSION

The SA-5 vault is one of seven connections between the City and Metropolitan Water District (MWD). The connection safeguards MWD water and ensures reliability of drinking water for residents and businesses, especially should there be an emergency or if the water system is interrupted. The goal of the project is to refurbish the existing piping, valves, equipment, and relocate the vault for easier access to minimize traffic impacts during routine maintenance along Bristol Street between Garry Avenue and Alton Avenue (Exhibit 1).

On April 2, 2019, the City Council authorized the award of a construction contract to T.E Roberts, Inc. to improve the existing conditions of the SA-5 vault (Exhibit 2). The project is currently under construction and additional MWD modification change orders relating to the control systems have surpassed the existing contingency of \$229,275 (Exhibit 3). Additional contingency will also be needed for future potential unforeseen work as the project progresses to completion.

To capitalize on the favorable pricing of the existing contract with T.E. Roberts, Inc., Staff recommends increasing the project contingency by \$270,000 which includes the

\$30,000 for the contract administration, inspection, and testing funds to complete the SA-5 Vault Modifications Project.

The recommended action will increase the project contingency and contract administration, inspection, and testing by \$270,000, thereby increasing the total estimated construction delivery cost to \$2,257,050, as indicated in the Cost Analysis (Exhibit 4) and as summarized in the table below:

Project Item	Current Total	Additional Funding	New Total
Construction Contract Bid Amount	\$1,528,500		\$1,528,500
Construction Administration, Inspection, Testing	\$229,275	\$30,000	\$259,275
Contingencies	\$229,275	\$240,000	\$469,275
TOTAL ESTIMATED CONSTRUCTION DELIVERY COST	\$1,987,050	\$270,000	\$2,257,050

FISCAL IMPACT

As indicated in the Cost Analysis, the estimated total construction delivery cost of the project is \$2,257,050, which includes the construction contract, contract administration, inspection, testing, and an authorized contingency. Funds for this action, in the amount of \$270,000, are being transferred from previously appropriated funds for the Lacy Neighborhood Water Main Improvements (19-6248).

The following table summarizes the funds budgeted and available in current FY 2023-24 for expenditure to deliver construction of this project. Any remaining balances not expended at the end of the fiscal year will be presented to City Council for approval of carryovers to FY 24-25 (Exhibit 5).

Fiscal Year	Accounting Unit - Account No. (Project No.)	Fund Description	Accounting Unit - Account No. Description	Amount
Original Project Budget				
2023-24	06617647 – 66301 (11-6413)	Acquisition & Construction	Water Utility Capital Projects, Water Capital Project	\$1,987,050
Previously Approved Transfer				
2023-24	06617647 – 66301 (11-6413)	Acquisition & Construction	Water Utility Capital Projects,	\$270,000

Fiscal Year	Accounting Unit - Account No. (Project No.)	Fund Description	Accounting Unit - Account No. Description	Amount
			Water Capital Project	
Total				\$2,257,050

EXHIBIT(S)

1. Location Map
2. Staff Report – Construction Contract for SA-5 Vault
3. Change Orders
4. Cost Analysis
5. FY 23-24 CIP

Submitted By: Nabil Saba, P.E., Executive Director – Public Works Agency

Approved By: Alvaro Nuñez, Acting City Manager