



**City of Santa Ana**  
**20 Civic Center Plaza, Santa Ana, CA 92701**  
**Staff Report**  
**December 20, 2022**

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**TOPIC:** Willard Neighborhood Water and Sewer Main Improvements

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**AGENDA TITLE**

Approve a Budget Reallocation and Award a Construction Contract to Big Ben, Inc., in the Amount of \$3,163,400 for the Willard Neighborhood Water and Sewer Main Improvements Projects, with an Estimated Project Delivery Cost of \$4,112,420 (Project Nos. 23-6454 & 16-6466) (Non-General Fund)

**RECOMMENDED ACTION**

1. Award a construction contract to Big Ben, Inc., the lowest responsible bidder, in accordance with the base bid in the amount of \$3,163,400 for construction of the Willard Neighborhood Water and Sewer Main Improvements Project, for the term beginning December 6, 2022, and ending upon project completion, and authorize the City Manager to execute the contract subject to non-substantive changes approved by the City Manager and the City Attorney.
2. Approve the Project Cost Analysis for a total estimated construction delivery cost of \$4,112,420, which includes \$3,163,400 for the construction contract; \$474,510 for contract administration, inspection and testing; and a \$474,510 project contingency for unanticipated or unforeseen work.
3. Approve an amendment to the Fiscal Year 2022-23 Capital Improvement Program to include \$984,841 in construction funds for the Willard Neighborhood Sewer Main Improvements Project.

**DISCUSSION**

Public Works Water Resources staff monitors the condition of water main pipelines by assessing critical factors such as history of breaks, pipe size, alignment, location, and system redundancy to determine replacement priorities. The water and sewer main, as well as sewer laterals, on Willard Neighborhood have been identified for replacement (Exhibit 1).

The improvements include new polyvinyl chloride water and sewer main, fire hydrants, water services, sewer laterals, appurtenances, Portland Cement Concrete pavement, asphalt concrete pavement, and traffic striping. Once completed, water service reliability

and general service quality will improve significantly. In addition, the potential for disruption due to water main breaks will be substantially reduced.

#### Public Outreach and Contractor Participation

To provide an opportunity for local vendors to submit bids, a Notice Inviting Bids was advertised in the Orange County Register newspaper on September 27 and October 4, 2022. The project was also advertised on PlanetBids, and bids were received electronically via PlanetBids on October 18, 2022.

The City notified a total of 624 regional vendors via PlanetBids, 18 of which are Santa Ana based. Fifty-five vendors requested bidding documents. A total of eleven bids were received. However, no bids were received from Santa Ana contractors.

#### Bid Results Summary

RANK	BIDDER'S NAME	LOCATION	BASE BID
1	Big Ben, Inc.	Irvine	\$3,163,400.00
2	Dominguez General Engineering, Inc.	Pomona	\$3,619,000.00
3	TE Roberts, Inc.	Orange	\$3,776,850.00
4	Lucas Builders, Inc.	La Habra	\$4,156,900.00
5	Griffith Company.	Brea	\$4,172,713.00
6	SRK Engineering.	Escondido	\$4,241,300.00
7	Aid Builders, Inc.	Los Alamitos	\$4,467,840.00
8	Stephen Doreck Equipment Rentals, Inc.	Pico Rivera	\$4,817,060.00
9	ARB, Inc.	Lake Forest	\$5,009,575.00
10	Excel Paving Co.	Long Beach	\$5,189,950.00
11	Mike Bubalo Construction Co., Inc.	Gardena	\$5,496,250.00

Of the eleven bids received, all were deemed responsive. Big Ben, Inc., submitted the lowest responsive base bid, in the amount of \$3,163,400 (Exhibit 2). As specified in the bid documents, the lowest bid shall be determined on the basis of the Base Bid. Based on the bid analysis and a contractor's reference check, staff recommends awarding the construction contract to Big Ben, Inc., in the amount of the base bid totaling \$3,163,400 (Exhibit 3). Big Ben, Inc., has performed the following work in the City of Santa Ana within the past 5 years: Baker-Glenwood Sewer Main Upgrade (Project No. 21-6446), and Lincoln Avenue Water & Sewer Main Improvements (Project Nos. 22-6468 & 22-6620).

### Project Delivery

To deliver a complete project, in addition to the construction contract, the estimated total project delivery cost includes construction administration, inspection, and testing, along with an allowance for contingencies to account for unexpected or unforeseen conditions. Construction administration and inspection includes the following: construction management; inspection of the Contractor's work to ensure contract compliance, workmanship, and quality; and materials testing. As indicated in the Cost Analysis (Exhibit 4) and as summarized in the table below, the estimated total construction delivery cost of the project is \$4,112,420.

Project Item	Total
Construction Contract	\$3,163,400.00
Construction Administration, Inspection, Testing	\$474,510.00
Contingencies	\$474,510.00
<b>TOTAL CONSTRUCTION DELIVERY COST</b>	<b>\$4,112,420.00</b>

### ENVIRONMENTAL IMPACT

In accordance with the California Environmental Quality Act, the recommended actions are exempt from further review. Categorical Exemption Environmental Review No. ER-2022-97 was filed for the project.

### FISCAL IMPACT

As indicated in the Cost Analysis, the estimated total construction delivery cost of the project is \$4,112,420, which includes the construction contract, contract administration, inspection, testing, and project contingency. Upon approval of the requested appropriation adjustment, the total funding needed to deliver the project will be available for expenditure.

Funds for this action have been transferred from previously appropriated funds for the Washington Square Sewer Main Improvements Project (Project No. 18-6498) to the Willard Neighborhood Sewer Main Improvements Project (No. 16-6466) and are available for expenditure in the current Fiscal year 2022-23. The following table summarizes the funds budgeted and available for expenditure to deliver construction of this project. Any remaining balances not expended at the end of the fiscal year will be carried forward for expenditure in the following fiscal year, if needed.

Fiscal Year	Accounting Unit – Account No.	Fund Description	Accounting Unit – Account No. Description	Amount
2022-23	06617647-66301 (Proj. 23-6454)	Acquisition & Construction	Water Utility Capital Projects - Water Capital Project	\$1,500,000

<b>Fiscal Year</b>	<b>Accounting Unit – Account No.</b>	<b>Fund Description</b>	<b>Accounting Unit – Account No. Description</b>	<b>Amount</b>
2022-23	05417647-66220 (Proj. 16-6466)	Sanitary Sewer Capital	Capital Recovery Charges - Improvements Other Than Building	\$2,612,420
<b>TOTAL:</b>				<b>\$4,112,420</b>

**EXHIBIT(S)**

1. Location Map
2. Bid Proposal
3. Construction Contract
4. Cost Analysis
5. FY 2022-23 Capital Improvement Program Sheet

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

Approved By: Kristine Ridge, City Manager