



City of Santa Ana
20 Civic Center Plaza, Santa Ana, CA 92701
Staff Report
March 21, 2023

TOPIC: Lincoln Avenue Water and Sewer Main Improvements

AGENDA TITLE

Approve an Amendment to the Project Cost Analysis to Add \$343,000 to an Existing Construction Contract with Big Ben, Inc. for a Revised Estimated Project Delivery Cost of \$2,343,000, for the Lincoln Avenue Water and Sewer Main Improvements Project (Project Nos. 22-6468 and 22-6620) (Non-General Fund)

RECOMMENDED ACTION

Approve an amendment to the Project Cost Analysis to reflect the new amount of \$571,235 for project contingency for unanticipated or unforeseen work, for a total construction delivery cost of \$2,343,000, subject to non-substantive changes approved by the City Manager and City Attorney.

DISCUSSION

On April 19, 2022, the City Council authorized the award of a construction contract to Big Ben, Inc. to construct new Water, Sewer, and Street Improvements (Exhibit 1). During construction, unforeseen obstructions were found underground that required removal to continue with the underground water and sewer improvements. The project is located next to a railroad track where miscellaneous concrete slab, rebar, and box culvert were buried under Lincoln Avenue and were in the way of the new water and sewer line alignment and street improvement. As a result of the extensive excavations caused by the unforeseen obstructions, the National Pollutant Discharge Elimination System (NPDES) regulations were triggered, requiring the project to add a stormwater treatment unit "filterra" to treat the water runoff into the City storm drain.

Approval of the recommended action will allow completion of the project including change orders and additional required work. The recommended action will increase the contract project contingency by \$343,000, thereby increasing the total estimated construction delivery cost to \$2,343,000, as summarized in the table below:

Project Item	Current Total	New Total
Construction Contract	\$1,453,765	\$1,453,765
Construction, Administration, Inspection, Testing	\$218,000	\$218,000
Contingencies	\$228,235	\$571,235
Water Engineering	\$100,000	\$100,000
TOTAL CONSTRUCTION DELIVERY COST	\$2,000,000	\$2,343,000

FISCAL IMPACT

Funds for this action have been transferred from previously appropriated funds for the Fisher Park Neighborhood Water Improvements Project (Project No. 19-6429) to the Lincoln Avenue Water and Sewer Main Improvements Project (Project Nos. 22-6468 and 22-6620) and are available for expenditure in the current Fiscal year 2022-23 as shown below:

Fiscal Year	Accounting Unit – Account #	Fund Description	Accounting Unit - Account No. Description	Amount
Prior Authorized Funds				
2021-22	06617647-66301 (22-6468)	Acquisition & Construction	Water Utility Capital Projects, Water Capital Project	\$1,643,000
2021-22	05417647-66220 (22-6620)	Sanitary Sewer Capital	Capital Recovery Charges, Improvements Other than Building	\$700,000
Total Contract Amount				\$2,343,000

EXHIBIT(S)

1. Location Map

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

Approved By: Kristine Ridge, City Manager