



RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: April 13, 2020

ITEM NO: 6

SUBJECT: CONSTRUCTION OF JO JO WAY WATER MAIN REPLACEMENT PROJECT – 1,400 FEET OF NEW POTABLE WATER PIPELINE – WORK ORDER NO. 1731943 IN THE AMOUNT OF \$492,000

ISSUE:

Approve Work Order No. 1731943 in the total amount of \$492,000 for all engineering, construction, paving and construction contingency costs for the Jo Jo Way Water Main Replacement Project.

RECOMMENDATION:

That the Board of Public Utilities approve Work Order No. 1731943 in the total amount of \$492,000 for all engineering, construction, paving and construction contingency costs for the Jo Jo Way Water Main Replacement Project.

BACKGROUND:

The Jo Jo Way Water Main Replacement Project is part of Riverside Public Utilities' (RPU) ongoing water main replacement program to replace old and high priority water mains. The project area consists of existing 8-inch steel water mains that were installed between 1956 and 1958. Based on their leak history and age, these water pipelines have been identified as high priority pipelines for replacement to enhance the reliability of the water system.

This project is in line with RPU's infrastructure road map and Utility 2.0 and directly benefits RPU water customers within the vicinity of the project in terms of system reliability.

DISCUSSION:

The scope of work for the Jo Jo Way Water Main Replacement Project generally entails the construction of approximately 1,400 linear feet of 8-inch polyvinyl chloride (PVC) pipe, 16 water services, 2 fire hydrants and 5 system connections, along with all necessary fittings, appurtenances and related incidental work. The new water facilities will be installed according to RPU's current standards.

The work identified will be constructed by the Water Division's field forces and is not expected to disrupt service to RPU water customers.

Once the new water mains are installed, RPU will be responsible for standard trench repaving in accordance with the Public Works Department (PW) standards. PW may perform trench repaving for pipeline projects constructed by the Water Division's field forces. However, if the backlog of PW projects

precludes the pipeline paving to occur on schedule, staff will solicit paving bids from RPU's Paving Contractor Panel. A budgetary estimate for the paving work has been included in this authorization.

Staff has coordinated with PW regarding the allowable working hours for this project. The work will occur during slightly modified daytime work hours to coincide with off-peak travel times related to Norte Vista High School.

The project/fiscal breakdown is as follows:

Project and Fiscal Breakdown		Total Project
Work Type:	Performed By:	Amount:
Engineering	Internal Staff	\$35,000
Construction	RPU Water Field Forces	\$270,000
Paving Budget	PW or RPU Paving Contractor Panel	\$125,000
Construction Management, Inspection, Materials Testing and Engineering Support	Internal Staff and Consultant Panel	\$35,000
Construction Contingencies	N/A	\$27,000
Work Order Total:		\$492,000
Reimbursements:		None
Anticipated Start Date:		April 2020
Anticipated Duration:		3 Months

The table above identifies the parties that have performed and are expected to perform various portions of the project. For brevity, certain contracts with vendors valued at less than \$10,000 have not been itemized in the table. Should there be a need to seek additional services using the formal procurement process, such items in excess of \$50,000 will be brought before the Board for consideration and action.

FISCAL IMPACT:

The total project cost is estimated at \$492,000. Sufficient funds are available in the Public Utilities' Water Main Replacement Account No. 6230000-470707.

Prepared by: Todd L. Jorgenson, Utilities Assistant General Manager/Water
 Approved by: Todd M. Corbin, Utilities General Manager
 Approved by: Al Zelinka, FAICP, City Manager
 Approved as to form: Gary G. Geuss, City Attorney

Certifies availability of funds: Brian Seinturier, Utilities Fiscal Manager

Attachments:

1. Project Site Map
2. Presentation

Project Site Map

