



RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: JUNE 14, 2021

SUBJECT: AWARD OF BID NO. RPU-7780 FOR THE CONSTRUCTION OF THE LINCOLN AVENUE TECHITE PIPE REPLACEMENT PROJECT WITH T.E. ROBERTS, INC., IN THE AMOUNT OF \$5,378,463 INCLUDING A 10% OR \$537,846.30 CHANGE ORDER AUTHORITY; WORK ORDER NO. 2021714 IN THE AMOUNT OF \$6,510,000

ISSUES:

Consider awarding Bid No. RPU-7780 to T.E. Roberts, Inc. for the construction of the Lincoln Avenue Techite Pipe Replacement Project in the amount of \$5,378,463, with a 10% change order authority in the amount of \$537,846.30; and approve the capital expenditure for Work Order No. 2021714 in the amount of \$6,510,000.

RECOMMENDATIONS:

That the Board of Public Utilities:

1. Award Bid No. RPU-7780 to T.E. Roberts, Inc., of Orange, California, in the amount of \$5,378,463 for the construction of the Lincoln Avenue Techite Pipe Replacement Project;
2. Authorize staff to issue change orders to the T.E. Roberts, Inc. Construction Contract in an amount not to exceed 10% of the original contract price, or \$537,846.30, for Bid No. RPU-7780;
3. Approve the capital expenditure for Work Order No. 2021714 in the amount of \$6,510,000 which includes all design, construction, construction support, contract administration, inspection and construction change order authority costs for the Lincoln Avenue Techite Pipe Replacement Project; and
4. Authorize the City Manager, or designee, to execute any documents necessary to effectuate the project described herein, as well as the ability to make minor non-substantive changes in alignment with all purchasing policies.

BACKGROUND:

Riverside Public Utilities (RPU) budgets annually for the replacement of certain water transmission pipelines which have been determined to have reached end of life. This

determination is made by staff based on parameters such as age, materials and maintenance records. RPU owns and operates water transmission pipelines, of which approximately 3.6 miles are of a specific type called Techite pipe. Techite pipe consists of a composite material made of fiberglass, polyester resin, and sand. The pipe that was installed by RPU has reached end of life in the area of the project and funds have been budgeted and approved for its replacement. Due to the current specifications and operational performance experience, RPU continues to replace segments of Techite pipe with cement mortar-lined and coated (CML&C) steel pipeline.

RPU will replace approximately 4,400 linear feet of 42-inch Techite pipeline currently in use along Lincoln Avenue with 54-inch CML&C steel pipe.

DISCUSSION:

The work will generally entail the construction of approximately 4,400 linear feet of 54-inch CML&C steel pipe and 80 linear feet of 18-inch CML&C steel pipe, along with all necessary fittings, appurtenances and related incidental work. Additionally, the old 42-inch Techite pipe will be abandoned and filled with slurry. Trench resurfacing is included in accordance with the standards set forth by City of Riverside Public Works Department (PW).

The work will require a shutdown of the existing transmission pipeline to facilitate connections to the new pipeline. This work will happen during the latter part of January 2022 when temperatures are cool. The work will not affect service to RPU water customers.

Staff has coordinated with PW regarding the allowable working hours, and the work will generally occur during daytime hours. The work at the intersection of Lincoln Avenue and St. Lawrence Street will occur during weekends to minimize traffic congestion in those areas.

Staff is in the process of hiring consultants to provide Specialty Inspection services and Geotechnical and Materials Testing services for this project. Budgetary amounts for such services have been included in this work order request.

Staff continue to coordinate with the Office of Communications Division of the City Manager's Office to establish a project informational website and develop an informational postcard to be mailed to customers within the vicinity of the project. Staff will continue to provide project updates and reach out directly to affected customers throughout the project duration.

Construction Contract

Bid No. RPU-7780 was posted on the City's Online Bid System on April 13, 2021, a pre-bid conference was held on April 20, 2021, and bids were opened on May 5, 2021. Ten (10) construction contractors submitted bids.

Staff evaluated the bids, and the Purchasing Manager deemed T.E. Roberts, Inc. to be the lowest responsive and responsible bidder.

The bids for Bid No. RPU-7780 are summarized in the table below:

Rank	Vendors	City Location	Bid Total
1.	T.E. Roberts, Inc.	Orange, CA	\$5,378,463.00
2.	Griffith Company	Brea, CA	\$5,503,457.00
3.	CCL Contracting, Inc.	Escondido, CA	\$5,935,940.00
4.	Ferreira Coastal Construction Company	Rancho Cucamonga, CA	\$5,948,788.00
5.	Weka, Inc.	Highland, CA	\$6,295,490.00
6.	E.J. Meyer Company	Highland, CA	\$6,333,333.00
7.	C.P. Construction Co., Inc.	Ontario, CA	\$6,836,690.00
8.	Colich & Sons L.P.	Gardena, CA	\$7,435,400.00
9.	Christensen Brothers General Engineering, Inc.	Apple Valley, CA	\$7,488,640.00
10.	MNR Construction, Inc.	La Verne, CA	\$7,686,620.00

*Engineer's Construction Cost Estimate: \$6,850,000

The project/fiscal breakdown is as follows:

Project and Fiscal Breakdown		
Work Type:	Performed By:	Amount:
Design and Survey	Internal Staff	\$130,125.70
Utility Potholing	C Below, Inc.	\$13,565.00
Construction	T.E. Roberts, Inc.	\$5,378,463.00
Construction Support	Internal Staff	\$100,000.00
Engineering Support and Construction Management	Internal Staff	\$100,000.00
Inspection	Internal Staff	\$150,000.00
Specialty Inspection	Informal Procurement (Vendor to be Determined)	\$50,000.00
Geotechnical and Materials Testing	Informal Procurement (Vendor to be Determined)	\$50,000.00
Construction Contingencies	N/A	\$537,846.30
Work Order Total:		\$6,510,000
Reimbursements:		N/A
Anticipated Start Date:		July 2021
Anticipated Duration:		9 Months

The table above identifies the parties that have performed and are expected to perform various portions of the project. 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 Riverside Board of Public Utilities for consideration and action.

The Purchasing Manager concurs that the recommended actions follow Purchasing Resolution No. 23256.

FISCAL IMPACT:

The total project cost is estimated at \$6,510,000. Sufficient funds are available in the Public Utilities' Transmission Main Account No. 6230100-470735.

Prepared by: Oscar A. Khoury, Engineering Manager
Approved by: Todd M. Corbin, Utilities General Manager
Approved by: Al Zelinka, FAICP, City Manager
Approved as to form: Kristi J. Smith, Interim City Attorney

Certifies availability of funds: Edward Enriquez, Chief Financial Officer/City Treasurer

Attachments:

1. Project Site Map
2. Bid Award Recommendation (Bid No. RPU-7780)
3. Presentation