



# RIVERSIDE PUBLIC UTILITIES

## Board Memorandum

**BOARD OF PUBLIC UTILITIES**

**DATE:** SEPTEMBER 28, 2020

**ITEM NO:** 5

**SUBJECT: BID NO. RPU-7759 FOR THE CONSTRUCTION OF THE MAGNOLIA AVENUE TECHITE PIPE REPLACEMENT PROJECT (HARRISON STREET TO VAN BUREN BOULEVARD) WITH C.P. CONSTRUCTION CO., INC., IN THE AMOUNT OF \$3,705,500 INCLUDING A 10% OR \$370,550 CHANGE ORDER AUTHORITY AND WORK ORDER NO. 2011305 IN THE AMOUNT OF \$5,058,000**

**ISSUES:**

Consider the award of Bid No. RPU-7759 to C.P. Construction Co., Inc. for the construction of the Magnolia Avenue Techite Pipe Replacement Project (Harrison Street to Van Buren Boulevard) in the amount of \$3,705,500 including a 10% or \$370,550 change order authority and approve the capital expenditure for Work Order No. 2011305 in the amount of \$5,058,000.

**RECOMMENDATIONS:**

That the Board of Public Utilities:

1. Reject as non-responsive the bids submitted by Norstar Plumbing and Engineering, Inc. of Alta Loma, California and Mladen Buntich Construction Co., Inc. of Upland, California, in the respective amounts of \$2,988,000 and \$3,275,122;
2. Award Bid No. RPU-7759 to C.P. Construction Co., Inc., of Ontario, California, in the amount of \$3,705,500 for the construction of the Magnolia Avenue Techite Pipe Replacement Project (Harrison Street to Van Buren Boulevard);
3. Authorize change order authority for the C.P. Construction Co., Inc. Construction Contract in the amount of 10% or \$370,550 for Bid No. RPU-7759; and
4. Approve the capital expenditure for Work Order No. 2011305 in the amount of \$5,058,000 which includes all design, construction, construction support, contract administration, inspection and construction change order authority costs for the Magnolia Avenue Techite Pipe Replacement Project (Harrison Street to Van Buren Boulevard).

**BACKGROUND:**

Riverside Public Utilities (RPU) owns and operates water transmission pipelines, of which approximately 4.4 miles are Techite pipe. This section of the Techite pipe has been determined to have reached the end of its useful life based on age, service history and physical inspection

and replacement is required for proper maintenance of our water transmission. RPU has begun replacing segments of Techite pipe determined to be at end of its useful life with cement mortar-lined and coated (CML&C) steel pipeline.

RPU will replace approximately 3,100 linear feet of 36-inch Techite pipeline currently in use along Magnolia Avenue, Roosevelt Street and Miller Street with 42-inch CML&C steel pipe. The project also includes replacing the existing 4-inch cast iron distribution pipeline in Roosevelt Street with 8-inch ductile iron pipe to improve system reliability and fire flow.

## **DISCUSSION:**

The proposed work includes construction of approximately 2,900 linear feet of 42-inch CML&C steel pipe, 750 linear feet of 8-inch ductile iron pipe, 2 fire hydrants, 8 water services and 7 system connections along with all necessary fittings and appurtenances. The trench resurfacing is included as part of this project in accordance with PW standards. Additionally, the old 36-inch Techite pipe will be abandoned and filled with slurry. The proposed work also includes relocating 20 existing long-side 1-inch and 2-inch water services on Magnolia Avenue to short-side services by City Forces.

This segment of Magnolia Avenue is an important commercial and retail corridor within the City. Staff has coordinated with PW regarding the allowable working hours for this project. In order to maintain a high level of customer service during construction, the work within Magnolia Avenue will generally occur during nighttime hours. This will help minimize inconveniences to the public and will lessen disruptions to the retail centers and other businesses in the area. The work along Roosevelt Avenue will occur during normal daytime hours. The work will not affect service to RPU water customers.

Staff is in the process of hiring consultants from RPU's Consultant Panel to provide Inspection and Geotechnical and Materials Testing for this project. A budgetary amount for these services has been provided in this authorization.

Staff coordinated with the Office of Communications Division of the City Manager's Office to establish a project informational website that went live in June 2020. Additionally, an informational postcard was mailed to customers within the surrounding area. Staff will continue to reach out directly to customers within the vicinity of the project throughout the project duration.

Bid No. RPU-7759 was posted on the City's Online Bid System on August 6, 2020, a pre-bid conference was held on August 11, 2020 and bids were opened on August 27, 2020. Seven construction contractors submitted bids. Staff has determined that the bids submitted by Norstar Plumbing and Engineering, Inc. and Mladen Buntich Construction Co., Inc. are non-responsive since they have not completed the requisite number of past projects as required by the contract documents. Staff evaluated the bids and deemed C.P. Construction Co., Inc. as the lowest responsive and responsible bidder.

The bids for Bid No. RPU-7759 are summarized in the table below:

<b>Rank</b>	<b>Vendors</b>	<b>City Location</b>	<b>Bid Total</b>
1.	Norstar Plumbing and Engineering, Inc.	Alta Loma, CA	\$2,988,000
2.	Mladen Buntich Construction Co., Inc.	Upland, CA	\$3,275,122
<b>3.</b>	<b>C.P. Construction Co., Inc.</b>	<b>Ontario, CA</b>	<b>\$3,705,500</b>
4.	Weka, Inc.	Highland, CA	\$3,764,718
5.	E.J. Meyer Company	Highland, CA	\$3,777,777
6.	Steve P. Rados, Inc.	Santa Ana, CA	\$4,681,260
7.	Ferreira Coastal Construction Company	Rancho Cucamonga, CA	\$4,864,837

*Engineer's Construction Cost Estimate: \$3,038,000*

The project/fiscal breakdown is as follows:

<b>Project and Fiscal Breakdown</b>		
<b>Work Type:</b>	<b>Performed By:</b>	<b>Amount:</b>
Planning, Design and Survey	Internal Staff	\$221,952.39
Utility Potholing	Badger Daylighting Corp.	\$9,997.61
Construction	C.P. Construction Co., Inc.	\$3,705,500.00
Construction Support, System Connections and Service Tie-overs	Internal Staff	\$350,000.00
Engineering Support and Construction Management	Internal Staff	\$100,000.00
Inspection	Vendor to be Determined (Consultant Panel)	\$200,000.00
Geotechnical and Materials Testing	Vendor to be Determined (Consultant Panel)	\$100,000.00
Construction Contingencies	N/A	\$370,550.00
<b>Work Order Total:</b>		<b>\$5,058,000.00</b>
<b>Anticipated Start Date:</b>	<b>October 2020</b>	
<b>Anticipated Duration:</b>	<b>8 Months</b>	

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.

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

**FISCAL IMPACT:**

Sufficient funds are available in the Public Utilities' Transmission Main Account No. 6230100-470735.

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
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Attachments:

1. Bid Award Recommendation
2. Presentation

Project Site Map

