



RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: APRIL 12, 2021

SUBJECT: BID NO. RPU-7801 FOR THE CONSTRUCTION OF THE WELLS AVENUE AND CYPRESS AVENUE WATER MAIN REPLACEMENT PROJECT (PHASE II) WITH GRIFFITH COMPANY, IN THE AMOUNT OF \$2,169,539.60, INCLUDING A 10% OR \$216,953.96 CHANGE ORDER AUTHORITY AND APPROVAL OF WORK ORDER NO. 1919789 IN THE AMOUNT OF \$3,195,000 FOR TOTAL PROJECT COSTS

ISSUES:

Consider awarding Bid No. RPU-7801 to Griffith Company of Brea, CA, for the construction of the Wells Avenue and Cypress Avenue Water Main Replacement Project (Phase II) in the amount of \$2,169,539.60, plus a 10% change order authority in the amount of \$216,953.96, and approving the capital expenditure for Work Order No. 1919789 in the amount of \$3,195,000.

RECOMMENDATIONS:

That the Board of Public Utilities:

1. Award Bid No. RPU-7801 to Griffith Company of Brea, California, in the amount of \$2,169,539.60 for the construction of the Wells Avenue and Cypress Avenue Water Main Replacement Project (Phase II);
2. Authorize staff to issue change orders to the Griffith Company Construction Contract in an amount not to exceed 10% of the original contract price, or \$216,953.96, for Bid No. RPU-7801;
3. Approve the capital expenditure for Work Order No. 1919789 in the amount of \$3,195,000 which includes all design, construction, paving, contract administration, inspection, and construction change order authority costs for the Wells Avenue and Cypress Avenue Water Main Replacement Project (Phase II);
4. Authorize the City Manager, or designee, to execute water consultant panel supplemental agreements for professional services required for this project if at least two proposals are received for such professional service; and
5. Authorize the City Manager, or designee, to execute any other documents necessary to effectuate the project described herein, as well as the ability to make minor non-substantive changes to such documents, in accordance with all purchasing policies.

BACKGROUND:

On July 10, 2017, the Riverside Board of Public Utilities (Board) received a report outlining planned Electric and Water capital improvement projects for fiscal year 2017/2018, which included the Wells Avenue and Cypress Avenue Water Main Replacement Project. Due to the reprioritization of projects, this project was divided into three phases to fit within the budgetary allocations of upcoming fiscal years. Phase I of this project was approved by the Board on June 24, 2019, and construction was completed in the summer of 2020.

The Wells Avenue and Cypress Avenue Water Main Replacement Project (Phase II) is part of Riverside Public Utilities' (RPU) ongoing water main replacement program to replace old and high priority leaky mains. The project area consists of existing 8 and 12-inch asbestos cement and cast-iron water mains that were installed between 1959 and 1972. Based on their leak history, age, and size, these water pipelines have been identified as high priority pipelines for replacement to enhance system reliability and improve fire flow capacity.

The third phase of this project will be brought for consideration to the Board at a future date upon funding availability.

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 and improved fire protection.

DISCUSSION:

The work will generally entail the construction of approximately 4,500 linear feet of 12-inch ductile iron pipe, 1,250 linear feet of 8-inch ductile iron pipe, 40 linear feet of 12-inch CML&C steel pipe, 102 water services, 16 fire hydrants, and 14 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.

This phase of the project focuses on Cypress Avenue, with a mixture of residential and business customers benefitting from the improvements. Most of the work will be constructed during daytime hours Monday through Friday, though some portions of the project will be constructed on weekends to avoid negatively impacting access to local businesses. The new water main will be installed in parallel to the existing water main to avoid any disruption in service to customers.

Staff coordinated with the Office of Communications Division of the City Manager's Office to establish a project informational website that went live in January 2021. Additionally, an informational postcard will be mailed to customers within the surrounding area upon Board approval of the project. Staff will continue to reach out directly to customers within the vicinity of the project throughout the project duration.

Inspection and Geotechnical and Materials Testing

On July 23, 2018, the Riverside Board of Public Utilities (Board) approved the establishment of the consultant panel for the RPU Water Division (Panel). Each of the consultants on the Panel was required to sign a Professional Consultant Services Master Agreement with the City. The Board authorized the City Manager, or designee, to execute the Professional Consultant Services Master Agreements for the Panel including making minor and non-substantive changes and the

one-year contract extensions.

Once a consultant from the Panel has been selected to perform a certain scope of work, a Supplemental Agreement is utilized in place of a full Professional Services Agreement. Contractual terms, conditions, insurance requirements, indemnification, etc. have already been reviewed and agreed to by the consultant and the City Attorney's Office, as set forth in the Professional Consultant Services Master Agreements. In addition, all the required contract documents (i.e. City Business Tax License and Certificate of Insurance) are already on file with the City Clerk's Office, helping to reduce contract processing time once a consultant has been selected for a project. The use of the Panel allows for a more streamlined consultant procurement process reducing the workload burden on City staff resources.

For Panel contracts exceeding \$50,000, the Board required that staff seek approval of the budget and an authorization for the contract award from the Board prior to executing a supplemental agreement. This meant that the Board must approve all supplemental agreements exceeding \$50,000 awarded under the Panel.

In order to streamline the process and help ensure this project can continue on schedule, staff requests that the Board authorize the City Manager, or designee, to execute supplemental agreements for this Project, unless only one proposal is received for such professional service. If only one proposal is received, staff will seek Board approval for that supplemental agreement. This means that the Board is granting authority to the City Manager to execute a supplemental agreement before the consultant has been selected.

This procedure is consistent with the Energy Delivery Consultant Panel, approved by the Board on July 22, 2019.

Staff is in the process of hiring a consultant from the Panel to provide Geotechnical and Materials Testing services for this project. Inspection of this project will be performed by staff or by a consultant on the Panel, depending on the availability of staff resources. A budgetary amount for these services has been provided in this authorization.

Construction Contract

Bid No. RPU-7801 was posted on the City's Online Bid System on January 27, 2021, a pre-bid conference was held (virtually) on February 2, 2021, and bids were opened on February 16, 2021. Twelve (12) construction contractors submitted bids. Staff evaluated the bids and deemed Griffith Company as the lowest responsive and responsible bidder.

The bids for Bid No. RPU-7801 are summarized in the table below:

Rank	Vendors	City Location	Bid Total
1.	Griffith Company	Brea, CA	\$2,169,539.60
2.	MCC Equipment Rentals	Yucaipa, CA	\$2,300,433.77
3.	Borden Excavating, Inc.	Calimesa, CA	\$2,487,287.00
4.	TE Roberts, Inc.	Orange, CA	\$2,759,451.00
5.	Hemet Manufacturing Company, Inc. dba Genesis Construction	Hemet, CA	\$2,792,593.00
6.	C.P. Construction Co., Inc.	Ontario, CA	\$2,864,324.00

7.	Weka, Inc.	Highland, CA	\$2,972,405.00
8.	Ferreira Coastal Construction Company	Rancho Cucamonga, CA	\$3,057,000.00
9.	Dominguez General Engineering, Inc.	Pomona, CA	\$3,141,640.00
10.	Norstar Plumbing and Engineering, Inc.	Alta Loma, CA	\$3,212,654.00
11.	Kirtley Construction, Inc.	San Bernardino, CA	\$3,272,426.00
12.	All Cities Engineering, Inc.	Jurupa Valley, CA	\$3,411,490.00

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

The project/fiscal breakdown is as follows:

Project and Fiscal Breakdown		
Work Type:	Performed By:	Amount:
Design and Survey	Internal Staff	\$117,889.44
Geotechnical Investigation	GeoMat Testing Laboratories, Inc.	\$10,617.00
Construction	Griffith Company	\$2,169,539.60
Construction Support, System Connections and Service Tie-overs	Internal Staff	\$460,000.00
Engineering Support and Construction Management	Internal Staff	\$70,000.00
Inspection	Internal Staff or Consultant Panel	\$120,000.00
Geotechnical and Materials Testing	Consultant Panel	\$30,000.00
Construction Contingencies	N/A	\$216,953.96
Work Order Total:		\$3,195,000
Reimbursements:		None
Anticipated Start Date:		April 2021
Anticipated Duration:		6 Months

The table above identifies the parties that have performed and are expected to perform various portions of the project. For brevity, contracts with vendors valued at less than \$10,000 may not be itemized in the table. Should there be a need to seek additional services using the formal procurement process, such items of more than \$50,000 will be brought before the Board for consideration and action. Additionally, when fewer than two proposals are received from the Panel for projects of more than \$50,000, staff is to bring the single proposal to the Board for consideration prior to executing a supplemental agreement.

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

FISCAL IMPACT:

The total project cost is estimated at \$3,195,000. Sufficient funds are available in the Public Utilities' 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: 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. 7801)
3. Presentation