



WELLS AVENUE AND CYPRESS AVENUE WATER MAIN REPLACEMENT PROJECT – PHASE II

Riverside Public Utilities

Board of Public Utilities

April 12, 2021

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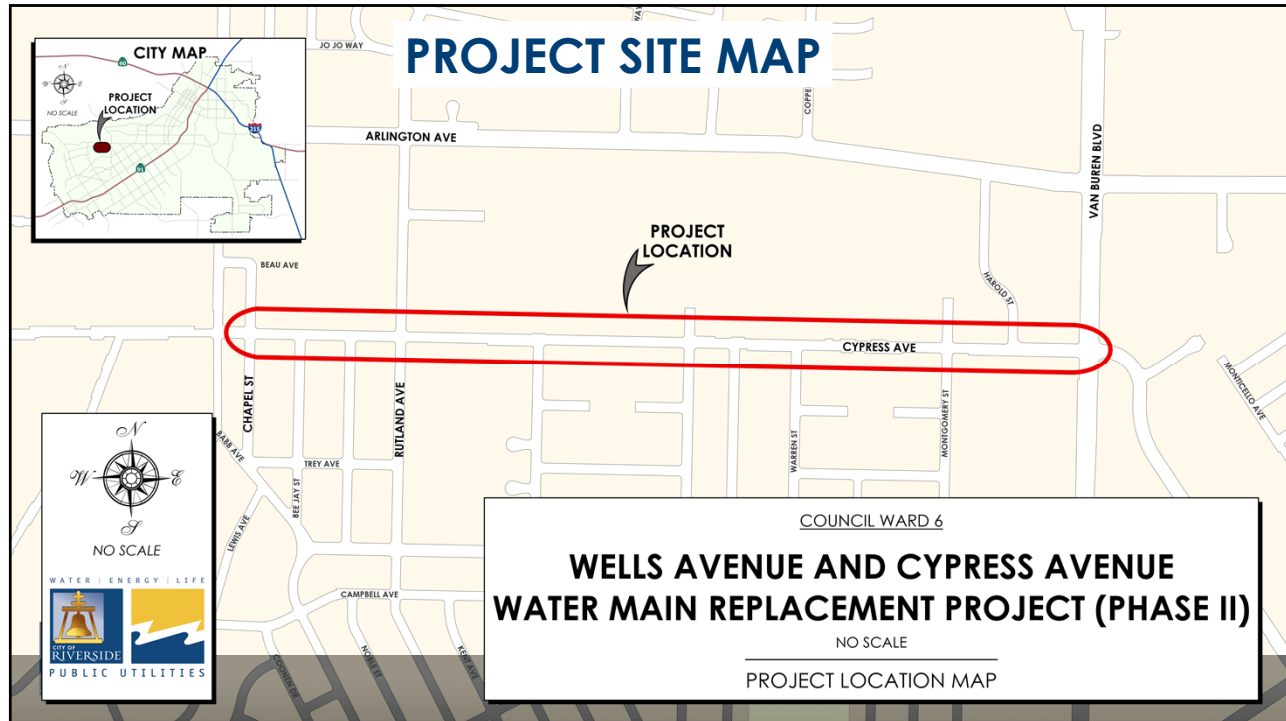
BACKGROUND

1. Existing 8-inch and 12-inch asbestos concrete and cast-iron water mains built between 1959 and 1972.
2. Identified as high priority stretch of water main due to age, size, and leak history.
3. Phase I of the project was completed Summer 2020.



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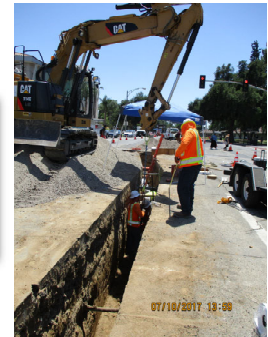
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PROJECT DESCRIPTION

1. Pipeline

- a. 4,500 LF of 12-inch Ductile Iron Pipe
- b. 1,250 LF of 8-inch Ductile Iron Pipe
- c. 40 LF of 12-inch CML&C Steel Pipe



2. 102 Water Services



PROJECT DESCRIPTION (CONT.)

3. 16 Fire Hydrants



4. 14 System Connections



5. Trench Repaving



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BID RESULTS

1. Advertised on January 27, 2021
2. A pre-bid conference was held on February 2, 2021
3. Bids were opened on February 16, 2021
4. Twelve bids were received



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BID RESULTS (CONT.)

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	\$2,792,405.00
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

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PROJECT BREAKDOWN

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



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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;



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RECOMMENDATIONS (CONT.)

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



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RECOMMENDATIONS (CONT.)

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.

