



RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: JANUARY 13, 2020

ITEM NO: 10

SUBJECT: BID NO. RPU-7724 FOR CONSTRUCTION OF SCHEUER WELL SUPPLY MAIN REPLACEMENT PROJECT – 1,350 FEET OF NEW POTABLE WATER PIPELINE – WITH WEKA, INC., IN THE AMOUNT OF \$526,256 AND WORK ORDER NO. 2007552 IN THE AMOUNT OF \$788,000

ISSUES:

Award Bid No. RPU-7724 to Weka, Inc., of Highland, California, for the construction of the Scheuer Well Supply Main Replacement Project, 1,350 feet of new potable water pipeline, in the amount of \$526,256 and approve the total capital expenditure for Work Order No. 2007552 in the amount of \$788,000.

RECOMMENDATIONS:

That the Board of Public Utilities:

1. Award Bid No. RPU-7724 to Weka, Inc., of Highland, California, in the amount of \$526,256 for the construction of the Scheuer Well Supply Main Replacement Project, 1,350 feet of new potable water pipeline; and
2. Approve the capital expenditure for Work Order No. 2007552 in the amount of \$788,000 which includes all design, construction, construction support, contract administration, inspection and construction change order authority costs for the Scheuer Well Supply Main Replacement Project.

BACKGROUND:

The Scheuer Well Supply Main is a critical water pipeline for the City of Riverside Public Utilities Department (RPU), as it delivers water produced from the Stiles and the Scheuer Wells to the San Bernardino Transmission Main. A segment of this pipeline that was constructed in 1957 has experienced numerous leaks over the past nine (9) years, with four (4) leaks occurring in 2019. Continuing to repair the leaks on this segment of pipeline is disruptive to the water system and is not cost effective. Therefore, staff recommends replacement of this pipeline segment. If this pipeline were to fail, RPU would lose about 6,000 acre-feet per year of production capacity, or approximately 7% of RPU's water supply.

DISCUSSION:

The proposed work includes the construction of approximately 1,350 linear feet of 24-inch Ductile Iron pipe (DIP), along with all necessary fittings and appurtenances; and the abandonment of approximately 1,100 linear feet of the existing 21-inch steel pipeline. The work also includes trench resurfacing where the new pipeline crosses the street in accordance with the City of San Bernardino and the County of San Bernardino standards.

A shutdown of the pipeline is scheduled for spring 2020 when temperatures are expected to be cool to facilitate connecting the new pipeline to the water system. Construction of the pipeline will occur during daytime hours, with the work on the pipeline connections occurring over a continuous 48 hour period to minimize the required shutdown. The work will not affect service to RPU water customers.

Bid No. RPU-7724 for Scheuer Well Supply Main Replacement Project was posted on the City's Online Bid System on November 12, 2019, a pre-bid conference was held on November 19, 2019 and bids were opened on December 6, 2019. Eight (8) construction contractors submitted bids. Staff evaluated the bids and deemed Weka, Inc. as the lowest responsive and responsible bidder. The bid was within the engineer's estimated amount of \$591,000.

The bids for Bid No. RPU-7724 are summarized in the table below:

Rank	Vendors	City Location	Bid Total
1.	Weka, Inc.	Highland, CA	\$526,256
2.	TE Roberts, Inc.	Orange, CA	\$597,565
3.	Norstar Plumbing and Engineering, Inc.	Alta Loma, CA	\$621,560
4.	Kirtley Construction, Inc.	San Bernardino, CA	\$654,803
5.	El-Co Contractors, Inc.	San Bernardino, CA	\$664,000
6.	Christensen Brothers General Engineering Inc.	Apple Valley, CA	\$681,355
7.	GRFCO, Inc.	Brea, CA	\$735,725
8.	GCI Construction, Inc.	San Clemente, CA	\$748,577

Engineer's Construction Cost Estimate: \$591,000

The project/fiscal breakdown is as follows:

Project and Fiscal Breakdown		Total Project
Work Type:	Performed By:	Amount:
Planning and Design	Internal Staff	\$49,118
Construction	Weka, Inc.	\$526,256
Construction Support	Internal Staff	\$50,000
Engineering Support, Construction Management and Inspection	Internal Staff	\$90,000
Geotechnical Services	Vendor to be Determined (Consultant Panel: Tentative Solicitation January 2020)	\$20,000
Construction Contingencies	N/A	\$52,626
Work Order Total:		\$788,000
Reimbursements:		None
Anticipated Start Date:		January 2020
Anticipated Duration:		4 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.

The Purchasing Manager concurs that the recommended actions are in compliance with Purchasing Resolution No. 23256.

FISCAL IMPACT:

The total fiscal impact of the project is \$788,000. Sufficient funds are available in the Public Utilities' Water Transmission Main Account No. 6230000-470735.

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

Attachments:

1. Project Site Map
2. Bid Award Recommendation
3. Presentation

Project Site Map

