



RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: SEPTEMBER 28, 2020

ITEM NO: 6

SUBJECT: AWARD BID NO. RPU-7776 FOR THE CONSTRUCTION OF THE FY2020/21 GROUNDWATER WELL REHABILITATION PROJECT TO WEBER WATER RESOURCES IN THE AMOUNT OF \$647,600 – APPROVE WORK ORDER NO. 2022393 FOR THE GARNER 7 WELL IN THE AMOUNT OF \$435,000 AND APPROVE WORK ORDER NO. 2022394 FOR THE RAUB 8 WELL IN THE AMOUNT OF \$385,000 – TOTAL PROJECT COST OF \$820,000.

ISSUES:

Consider the award of Bid No. RPU-7776 to Weber Water Resources for the construction of the FY2020/21 Groundwater Well Rehabilitation Project in the amount of \$647,600; approve the capital expenditure for Work Order No. 2022393 for the Garner 7 Well in the amount of \$435,000, and Work Order No. 2022394 for the Raub 8 Well in the amount of \$385,000.

RECOMMENDATIONS:

That the Board of Public Utilities:

1. Award Bid No. RPU-7776 for the construction of the FY2020/21 Groundwater Well Rehabilitation Project to Weber Water Resources, of Corona, California, in the amount of \$647,600;
2. Approve the capital expenditure for Work Order No. 2022393 in the amount of \$435,000 which includes all design, construction, construction support, contract administration, inspection and construction change order authority costs for the rehabilitation of the Garner 7 Water Well;
3. Approve the capital expenditure for Work Order No. 2022394 in the amount of \$385,000 which includes all design, construction, construction support, contract administration, inspection and construction change order authority costs for the rehabilitation of the Raub 8 Water Well; and
4. Authorize the City Manager, or designee, to execute construction agreements and any other documents necessary to effectuate the project described herein, as well as, the ability to make minor non-substantive changes including changes to each of the work order amounts but not-to-exceed the cumulative total of \$820,000 and in accordance with all purchasing policies.

BACKGROUND:

The Riverside Public Utilities Department (RPU) operates and maintains over 50 active groundwater wells located throughout Riverside, Colton and San Bernardino to supply drinking water to the City of Riverside. Over time, the water wells lose efficiency due to normal mineralization and scale accumulation in the perforations of the well, fluctuations in groundwater levels and loss of efficiency of mechanical equipment due to normal wear and tear. As a result, groundwater wells and mechanical devices (such as pump and motor assemblies) require periodic maintenance in order to sustain the production and delivery of water to the City of Riverside.

DISCUSSION:

On June 21, 2013, the Board of Public Utilities (Board) approved a Professional Services Agreement with Geoscience Support Services, Inc. (Geoscience) to evaluate RPU's groundwater wells based on construction technique, physical inspection, and operational characteristics. Geoscience identified and ranked the rehabilitation needs for each well. Staff utilized recommendations from Geoscience along with current operational data and needs to select two groundwater wells to undergo rehabilitation work during FY2020/21. Garner 7 and Raub 8 were selected for this water well rehabilitation project.

In general, the rehabilitation work entails removal, inspection, and upgrade/replacement of the pump/motor assembly, adjustment of the pump depth, video surveys as well as mechanical and chemical cleaning of the water wells followed by well redevelopment and testing. The work is planned to be performed in sequential order in order to minimize disruptions to the water supply system. The contract documents allow the contractor to work during extended hours, if needed, to complete the work by the required deadline.

Staff will seek the assistance of a Hydrogeologist from RPU's Consultant Panel for this project. A budgetary amount for these services has been provided in this authorization.

Bid No. RPU-7776 was posted on the City's Online Bid System on August 11, 2020, a pre-bid conference was held on August 18, 2020 and bids were opened on September 2, 2020. Six (6) construction contractors submitted bids. Staff evaluated the bids and deemed Weber Water Resources as the lowest responsible and responsive bidder. The bid was within the engineer's estimated amount of \$670,000.

The bids for Bid No. RPU-7776 are summarized in the table below:

Rank	Vendors	City Location	Bid Total
1.	Weber Water Resources	Corona, CA	\$647,600
2.	Best Drilling and Pump, Inc.	Colton, CA	\$668,700
3.	Legend Pump & Well Services	San Bernardino, CA	\$672,016
4.	General Pump Company, Inc.	San Dimas, CA	\$676,080
5.	Layne Christensen Company	Redlands, CA	\$785,433
6.	South West Pump & Drilling, Inc.	Coachella, CA	\$2,011,202

Engineer's Construction Cost Estimate: \$670,000

The project/fiscal breakdown is as follows:

Project and Fiscal Breakdown		W.O. No. 2022393 (Garner 7)	W.O. No. 2022394 (Raub 8)	Total Project
Work Type:	Performed By:	Amount:	Amount:	Amount:
Planning and Design	Internal Staff	\$3,320.00	\$4,320.00	\$7,640.00
Construction	Weber Water Resources	\$348,739.30	\$298,860.70	\$647,600.00
Construction Support	Internal Staff	\$5,000.00	\$5,000.00	\$10,000.00
Engineering Support, Construction Management and Inspection	Internal Staff	\$35,000.00	\$35,000.00	\$70,000.00
Hydrogeologist Services	Vendor to be Determined (Consultant Panel)	\$10,000	\$10,000	\$20,000.00
Construction Contingencies	N/A	\$34,873.93	\$29,886.07	\$64,760.00
Work Order Total:		\$436,933.23	\$383,066.77	\$820,000.00
Reimbursements:	None			
Anticipated Start Date:	October 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 project is anticipated to start in October 2020, and complete by March 2021.

In order to more accurately track costs, staff requests that individual work orders be assigned to each well (the asset) and that the City Manager, or designee, approve adjustments to each individual work order to reflect actual costs, so long as the cumulative total does not exceed the total project cost of \$820,000.

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

FISCAL IMPACT:

Sufficient funds are available in the Public Utilities' Facility Rehabilitation Account No. 6230100-470803.

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: Edward Enriquez, Chief Financial Officer/Treasurer

Attachments:

1. Bid Award Recommendation
2. Presentation

