

RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: March 22, 2021

SUBJECT: AGREEMENT FOR PROFESSIONAL CONSULTANT SERVICES WITH PACIFIC ADVANCED CIVIL ENGINEERING, INC., IN RESPONSE TO REQUEST FOR PROPOSAL NO. 2021 FOR CONDITION ASSESSMENT OF GARNER B TREATMENT PLANT IN AN AMOUNT NOT TO EXCEED \$72,620.00.

ISSUES:

Consider approval of a Professional Consultant Services Agreement in response to Request for Proposal No. 2021 for the Condition Assessment of Garner B Treatment Plant with Pacific Advanced Civil Engineering, Inc., in an amount not to exceed \$72,620.00.

RECOMMENDATIONS:

That the Board of Public Utilities:

1. Approve a Professional Consultant Services Agreement with Pacific Advanced Civil Engineering, Inc., in an amount not to exceed \$72,620.00 for the Condition Assessment of Garner B Treatment Plant in response to Request for Proposal No. 2021; and
2. Authorize the City Manager, or his designee, to execute a Professional Consultant Services Agreement with Pacific Advanced Civil Engineering, Inc., including making minor and non-substantive changes and to sign all documents and instruments necessary to complete the transactions.

BACKGROUND:

On October 28, 2019, Riverside's Board of Public Utilities approved Work Order No. 2008392 in the total amount of \$850,000. A portion of the work order was dedicated to seeking professional consultant services for a condition assessment to determine the feasibility of Garner B Treatment Plant rehabilitation. The goal is to conduct a full-scale pilot to compare two types of GAC (Granular Activated Carbon) treatment media and understand treatment efficiencies for reducing Perfluorinated Compounds (per- and polyfluoroalkyl substances known as PFAS) from potable water served by RPU.

Garner B Treatment Plant, built in 2001, consists of five vessels operating in parallel and was originally designed to remove 1,2-dibromo-3-chloropropane (DBCP) from Garner B and Russel C Wells. Records indicate a request was submitted and approved by the state in 2009 to suspend

treatment of Garner B Well due to contaminant readings under maximum contaminant levels and the abandonment of Russel C Well. The treatment plant was isolated from the system in 2011 and has been inactive since.

DISCUSSION:

RFP No. 2021 was posted on the City's Online Bid System on August 13, 2020 and closed on September 3, 2020. Five consultants submitted proposals that met the RFP scope of services and Purchasing Resolution requirements with a price range between \$72,620 and \$399,697. Proposals were received from CDM Smith Inc., Kennedy/Jenks Consultants Inc., GHD Inc., Geosyntec Consultants Inc., and Pacific Advanced Civil Engineering Inc. Proposals were evaluated through a detailed selection process by a panel from Water Resources, Water Quality and Regulatory Compliance, and Operations staff. After review of the proposals according to the Proposal Evaluation Rules of Conduct, the committee selected Pacific Advanced Civil Engineering, Inc., of Fountain Valley, California as the highest-ranking proposal for performing the work.

The proposals ranking is summarized in the table below:

Consultants	City Location	Rank
Pacific Advanced Civil Engineering Inc.	Fountain Valley, CA	1
Geosyntec Consultants Inc.	Huntington Beach, CA	2
Kennedy/Jenks Consultants Inc.	Pasadena, CA	3
GHD Inc.	Irvine, CA	4
CDM Smith Inc.	Carlsbad, CA	5

Staff has negotiated a Professional Consultant Services Agreement with Pacific Advanced Civil Engineering, Inc., for the work requested in the amount, not to exceed, \$72,620.00. Of this total amount, \$38,820.00 has been set aside for optional tasks as needed which includes the preparation of bid documents and engineering services during construction. Upon the completion of the condition assessment these optional tasks may be deemed necessary to move forward with the rehabilitation of the Garner Treatment Plant.

The project/fiscal breakdown is as follows:

Project and Fiscal Breakdown		
Work Type	Performed By:	Amount (\$)
Condition Assessment of Garner B Treatment Plant	Pacific Advanced Civil Engineering, Inc.	\$72,620.00
Reimbursements		None
Anticipated Start Date:		March 2021
Anticipated Duration:		12 Months

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

The analysis completed under this proposal will determine the feasibility to rehabilitate Garner B Treatment Plant to conduct a full-scale pilot that will compare various GAC to treat and reduce the amount of PFAS at RPU's point-of-compliance at 7th and Chicago. Based on the condition assessment and feasibility, staff will return to the Board with its recommendation to approve the rehabilitation of Garner B Treatment Plant construction project.

FISCAL IMPACT:

The approved Work Order No. 2008392 is in the amount of \$850,000, including this Professional Services Agreement of \$72,620. Sufficient funds are available in the Public Utilities Water CIP Facility Rehabilitation Account No. 6230000-470803.

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: Kristi J. Smith, Interim City Attorney

Certifies availability
of funds: Edward Enriquez, Chief Financial Officer/City Treasurer

Attachments:

1. Project Site Map
2. RFP Award Recommendation
3. Professional Consultant Services Agreement with Pacific Advanced Civil Engineering, Inc.
4. Presentation