

RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: NOVEMBER 9, 2020

ITEM NO: 6

SUBJECT: AGREEMENT FOR PROFESSIONAL CONSULTANT SERVICES WITH HDR ENGINEERING, INC. IN RESPONSE TO REQUEST FOR PROPOSAL NO. 2029 FOR LONG-TERM APPROACH FOR PERFLUORINATED COMPOUNDS TREATMENT IN AN AMOUNT NOT TO EXCEED OF \$234,600

ISSUES:

Consider approval of a Professional Consultant Services Agreement in response to Request for Proposal No. 2029 for the Long-Term Approach for Perfluorinated Compounds Treatment with HDR Engineering, Inc. in an amount not to exceed of \$234,600.

RECOMMENDATIONS:

That the Board of Public Utilities:

1. Approve a Professional Consultant Services Agreement with HDR Engineering, Inc., of Riverside, CA, in an amount not to exceed of \$234,600 for the Long-Term Approach for Perfluorinated Compounds Treatment in response to Request for Proposal No. 2029; and
2. Authorize the City Manager, or designee, to execute a Professional Services Agreement with HDR, 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, Board of Public Utilities approved Work Order No. 2008392 in the total amount of \$850,000 in which part of the total amount was dedicated to seeking professional services to prepare a cost effective and optimized long-term approach to treat and reduce the amount of Perfluorinated Compounds (per- and polyfluoroalkyl substances known as PFAS) in its potable water.

The State of California has adopted new regulations requiring public water agencies to test and monitor for PFAS which is a collective term for a large group of synthetic chemicals that includes perfluoro-octanoate (PFOA) and perfluoro-octane-sulfonate (PFOS). In August 2019, the State Water Resources Control Board Division of Drinking Water State (DDW) revised the notification levels to 6.5 parts per trillion (ppt) for PFOS and 5.1 ppt for PFOA. On February 6, 2020, DDW

issued updated drinking water response levels to 10 ppt for PFOA and 40ppt for PFOS based on a running four-quarter average.

Riverside Public Utilities (RPU) has detected PFAS within the raw groundwater at several of its wells that exceed the notification and response levels for two regulated compounds of PFOA and PFOS. However, the treated water that reaches RPU's customers remains below the notification levels at the point of compliance during high demand periods after blending all water sources at the Linden/Evans Reservoirs prior to distribution. While blending provides a buffer during peak demand periods, RPU's concern with blending is during low demand (and therefore low supply) periods that typically occur in the winter. The scope of services under the Request for Proposals will be to reduce PFAS within RPU's source water and continue to provide the highest quality water to the community.

DISCUSSION:

Request for Proposal (RFP) No. 2029 was posted on the City's Online Bid System on June 16, 2020 and closed on July 22, 2020. Five consultants submitted proposals that met the RFP scope of services and Purchasing requirements. Proposals were received from Carollo Engineers, Inc., Geosyntec Consultants, Inc., GHD Inc., HDR Engineering, Inc., and Kennedy/Jenks Consultants. Proposals were evaluated through a detailed selection process by a panel from Water Resources and Planning Engineering, Water Quality and Regulatory Compliance, and Operations staff. After review of the proposals according to the Proposal Evaluation Rules of Conduct, the committee selected HDR Engineering, Inc. of Riverside, California as the highest-ranking proposal for performing the work.

The proposals ranking is summarized in the table below:

| Consultants | City Location | Rank |
|---------------------------------|----------------------|-------------|
| HDR Engineering, Inc. | Riverside, CA | 1 |
| Geosyntec Consultants, Inc. | Huntington Beach, CA | 2 |
| Carollo Engineers, Inc. | Walnut Creek, CA | 3 |
| GHD Inc. | Irvine, CA | 4 |
| Kennedy/Jenks Consultants, Inc. | Pasadena, CA | 5 |

Staff has negotiated a Professional Consultant Services Agreement with HDR Engineering, Inc. for the work requested in an amount not to exceed of \$234,600. Of this total amount, \$59,800 has been set aside for as needed optional tasks, including technical support with pilot testing, identify equipment vendors, perform initial environmental review, and address other constituents of concerns and as-needed condition assessment of recommended facilities.

The project/fiscal breakdown is as follows:

| Project and Fiscal Breakdown | | |
|---------------------------------------|-----------------------|--------------------|
| Work Type | Performed By: | Amount (\$) |
| Long-Term Approach for PFAS Treatment | HDR Engineering, Inc. | \$234,600 |
| Reimbursements | | None |
| Anticipated Start Date: | | November 2020 |
| Anticipated Duration: | | 10 Months |

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

The analysis completed under this proposal will provide a cost effective and optimized long term approach to treat and reduce the amount of PFAS below the current notification levels at RPU's point-of-compliance at 7th Street and Chicago Avenue (Linden/Evans Reservoirs), and other PFAS compounds now and into the future as they become regulated.

FISCAL IMPACT:

The approved Work Order No. 2008392 is in the amount of \$850,000, including this Professional Services Agreement of \$234,600. Sufficient funds are available in the Public Utilities Water CIP Facility Rehabilitation Account No. 6230000-470803.

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| 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 |

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

1. RFP Award Recommendation
2. Professional Services Agreement with HDR Engineering, Inc.
3. Presentation