



Professional Consultant Services Agreement for Site Modifications at the Palmyrita Water Treatment Plant for PFAS Removal (RFP 2415)

Public Utilities Department

Board of Public Utilities
April 28, 2025

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BACKGROUND

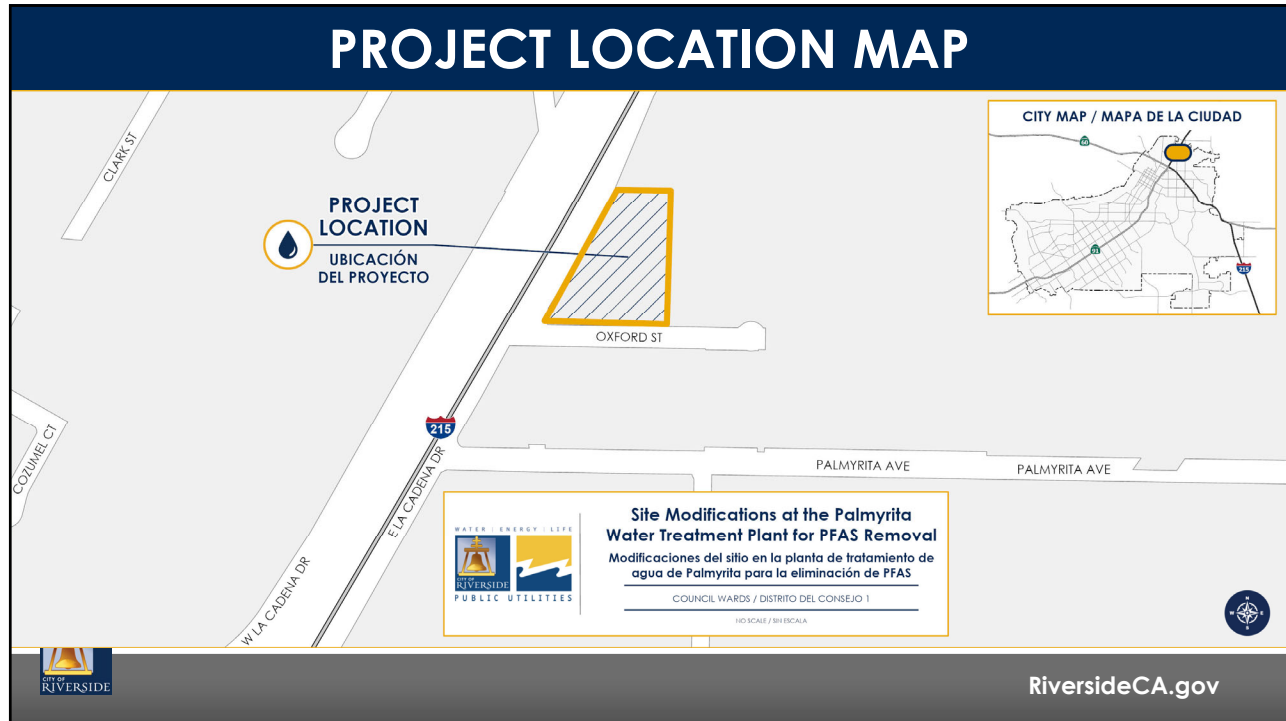
1. April 2024 – The United States Environmental Protection Agency (USEPA) established the first-ever nationwide, legally enforceable drinking water standards to protect communities from Per- and Polyfluoroalkyl Substances (PFAS) in their drinking water.
2. Public water systems have until 2029 to implement solutions that reduce PFAS in drinking water below the standard.
3. PFAS has impacted several Riverside groundwater sources and will require treatment to meet the new standards.
4. November 9, 2020 – The Board approved a professional consultant services agreement with HDR Engineering, Inc. to assist in developing a long-term approach to treat and reduce PFAS found in Riverside's water sources.
5. The study, in conjunction with input from staff, identified that the most beneficial and cost-effective solution was the construction of a new PFAS Treatment System at Riverside's existing Palmyrita Water Treatment Plant.



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DISCUSSION

- 1. The project consists of an Ion Exchange (IX) Treatment System:**
 - a. Twenty-two (22) IX Vessels
 - b. Pumps, Prefilters, and Piping
 - c. Mechanical and Electrical Equipment
 - d. All related incidental work
- 2. RFP No. 2415 was issued for the Project**
 - a. RFP developed in collaboration with assigned Purchasing Staff
 - b. The RFP was posted on October 4, 2024 with proposals were due on November 19, 2024
 - c. Pre-proposal meeting was held on October 17, 2025
 - d. Two proposals were received

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RFP NO. 2415 RESULTS

Vendor Name	City Location	Proposed Fee	Weighted Score Evaluations						Rank
			Project Understanding (20%)	Approach and Methodology (20%)	Qualifications and Experience (30%)	Professional References (5%)	Pricing (25%)	Total Proposal Score	
Tetra Tech, Inc.	Irvine, California	\$3,698,000	197.50	190.00	288.75	41.88	250.00	968.13	1
HDR Engineering, Inc.	Riverside, California	\$4,105,880	192.50	190.00	273.75	40.00	225.16	921.41	2



Estimated Budget Range: \$3,500,000 – \$4,000,000

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RFP NO. 2415 RESULTS (CONT.)

Vendor Name	City Location	Proposal Score	Interview Score	Overall Score	Overall Rank
Tetra Tech, Inc.	Irvine, California	968.13	980.84	1,948.97	1
HDR Engineering, Inc.	Riverside, California	921.41	934.16	1,855.57	2

1. The assigned representative from Purchasing requested a Best and Final Offer (BAFO) from Tetra Tech, Inc.
2. Tetra Tech, Inc. reduced pricing resulting in a new overall proposed fee of \$3,670,451, a \$27,549 or 0.7% reduction to the original fee submitted.



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STRATEGIC PLAN ALIGNMENT

Strategic Priorities



Environmental Stewardship – Goal No. 4.2



Infrastructure, Mobility & Connectivity – Goal No. 6.2

Cross-Cutting Threads



Community Trust



Equity



Fiscal Responsibility



Innovation



Sustainability & Resiliency



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RECOMMENDATIONS

That the Board of Public Utilities recommend that the City Council:

1. Approve a Professional Consultant Services Agreement from RFP No. 2415 for Engineering Design and Construction Management Services for Site Modifications at the Palmyrita Water Treatment Plant for PFAS Removal with Tetra Tech, Inc. of Irvine, California, for a term until December 31, 2029, in a not-to-exceed amount of \$3,670,451;
2. With at least five affirmative votes, authorize the Chief Financial Officer, or designee, to record a supplemental appropriation in the total amount of \$3,670,451 from the Water Fund Undesignated Reserves and appropriate expenditures to the PFAS Treatment Plant Account; and
3. Authorize the City Manager, or designee, to execute the Professional Consultant Services Agreement and any other documents necessary to effectuate the project described herein, as well as the ability to make minor non-substantive changes in accordance with all purchasing policies.



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