

**SUPPLIER REQUIREMENTS AND SPECIFICATIONS**

**La Habra Heights County Water District**



**REQUEST FOR PROPOSAL  
FOR PROCURMENT OF  
PFAS ION EXCHANGE TREATMENT SYSTEM**

*(October 2026)*

**SPECIFICATION HWQ001**

1271 N. Hacienda Rd.

La Habra Heights, CA 90631

## INTRODUCTION

PFAS (Per-and Polyfluoroalkyl Substances such as PFOA and PFOS) has been detected in La Habra Heights County Water District's (DISTRICT) wells 10, 11, and offsite well's ground water. To address the removal of PFAS from the ground water for use as a potable water source, the well discharge waters are to be rerouted to a common treatment center at DISTRICT's wells 10 & 11.

The DISTRICT is requesting proposals to prepurchase treatment system components and treatment resin media from qualified, interested firms (SUPPLIER) to provide single pass ion exchange (IX) equipment system for the removal of PFAS to be installed at the well 10 & 11 site located at 7412 Norwalk Blvd Whittier, CA 90606. The pre-purchased equipment will be installed by a General Contractor selected at a later time by the DISTRICT.

Proposals shall be submitted in accordance with the format and information contained herein and submitted by email to:

**Joe Matthews**

[JOE@LHHCWD.COM](mailto:JOE@LHHCWD.COM)

**General Manager**

**La Habra Heights County Water District**

Key dates for this RFP are listed below:

Questions Deadline: November 11, 2026

Responses Returned: November 18, 2026

RFP due: **November 24, 2026, 5:00 PM**

Proposals received after the due date and time will not be accepted. The cost for preparing a proposal is at the expense of the SUPPLIER and will not be reimbursed by DISTRICT. Proposals deemed non-responsive will not be considered.

## BACKGROUND INFORMATION

The DISTRICT is constructing a new single pass IX system at the DISTRICT's Well 10 & 11 site to treat water conveyed from the DISTRICT's Wells 10, 11, and offsite wells. Copies of water quality records for the wells are included in this RFP for the SUPPLIERS to estimate the sizing the IX treatment system required to meet effluent levels goals set in this document.

The proposed IX PFAS treatment facility will treat water pumped from Wells 10, 11, and the offsite wells for a capacity of up to 6,000 gpm. The SUPPLIER shall assume the treatment system will receive up to 2000 gpm from each of the three water sources and have the capacity to meet treatment goals under varied configurations blended influent waters.

The proposed IX pressure vessel system shall be designed to function properly using various IX selective resin products, including Purolite PFA694E selective resin or any other IX resin products that with equal or greater effective qualities, and approved for use by the California Division of Drinking Water ("DDW"). Supplier shall pre-rinse the PFAS selective resin media prior to delivery to the project site.

The system shall be designed to treat up to 6,000 gpm of water on a continuous basis using three sets of lead/lag system consisting of paired pressure 12-ft diameter vessels. The lead/lag system shall be sized to treat a flow of 2,000 gpm for each vessel pair. The equipment shall be approved by DDW for PFAS removal in drinking water systems. When the proposed equipment is loaded with IX resin media and operated at 6,000 gpm in the lead/lag vessels, the treatment system must consistently, and reliably, reduce PFAS concentrations in the effluent groundwater to non-detect (ND) per DDW reporting requirements. DDW Detection Limits Reporting (DLR) using EPA laboratory testing Method 533 requirement are testing results of less than 1 µg/L, which shall be synonymous with the use of ND in this RFP.

The IX system shall include three sets of lead/lag vessels and the lead/lag valve manifolds integral to the system as shown on the attached drawings:

- Figure 1: IX Vessels and Sections Layout
- Figure 2: P&ID

The SUPPLIER shall provide an anchoring design and structural calculations of the vessels and valve tree support prepared by a Professional Engineer registered in the State of California. A geotechnical investigation report of the project site has been prepared and included with this RFP for SUPPLIER reference. The SUPPLIER shall provide a template specific to each vessel of the anchoring bolt locations to the DISTRICT's General Contractor to aid in accurately setting cast in place anchoring hardware.

The footprint area of the IX equipment, including the IX vessels, valve trees, and piping headers along with their supports and clearances to access process valves shall be provided by the SUPPLIER as shown in the drawings. Piping headers and supports are to be furnished and installed by the installation General Contractor.