

NOTICE INVITING BIDS

CITY OF TUSTIN PFAS TREATMENT SYSTEM AND INFLUENT CONVEYANCE PROJECT

CONTRACT NO. TUS-2022-1

PLEASE TAKE NOTICE that sealed bids will be received at the office of the Contracts Administrator of the Orange County Water District ("District"), 18700 Ward Street, Fountain Valley, CA 92708 (mailing address: P.O. Box 8300, Fountain Valley, CA 92728-8300), until 2:00 P.M. local time on Tuesday, November 29, 2022, at which time the bids will be publicly opened and read aloud via Zoom meeting for performing all work and furnishing all labor, materials and equipment for:

The City of Tustin PFAS Treatment System and Influent Conveyance Project, Contract No. TUS-2022-1, generally consists of the following major components:

1. Supply and install the influent pipeline to connect four offsite wells to the PFAS water treatment system located at the City's Main Street Facility.
2. Supply and install effluent pipeline from Main Street Facility to City's distribution system
3. Take delivery of and install District furnished Dual Media Pressure Vessel PFAS water treatment system at the City's Main Street Facility including pressure testing, disinfection, and bacteria testing. Please be advised that the Contractor will be responsible for providing the anchorage design and hardware for the District furnished Dual Media Pressure Vessels. This design shall be sealed by a Structural Engineer licensed by the State of California.
4. Furnish and install prefilter systems for IX systems including filter media.
5. Furnish and install water treatment plant structural concrete: construct structural concrete for the water treatment system.
6. Connect the influent pipeline to the water treatment prefilters and these to the PFAS treatment trains and these to the existing reservoir: furnish and install epoxy lined and coated piping, epoxy coated cement lined ductile iron piping, and PVC C900 piping.
7. Furnish and install the ion exchange nitrate removal system, including media regeneration system with all necessary appurtenances. Includes pressure testing, disinfection, and bacteria

testing. Please be advised that the Contractor will be responsible for providing the anchorage design and hardware for IX vessels. This design shall be sealed by a Structural Engineer licensed by the State of California.

8. Connect the onsite wells to the ion exchange nitrate removal system and the treated water to the existing reservoir: furnish and install epoxy coated cement lined ductile iron piping, PVC Schedule 80 piping, and PVC C900 piping.
9. Remove the existing booster pumps, piping and appurtenances in the Booster Pump Station. Furnish and install new pumps, piping and appurtenances to replace existing.
10. Connect the new booster pump station discharge header to the existing distribution system: furnish and install epoxy lined and coated piping and PVC C900 piping.
11. Remove existing chlorinators, chlorine scrubber and corresponding appurtenances. Furnish and install new sodium hypochlorite storage and feed system and appurtenances to replace existing.
12. Complete all paving and site improvements including, but not limited to: grading, concrete paving, asphalt paving, fencing, gates, driveway aprons, and drainage at the Main Street Facility.
13. Electrical and Instrumentation: furnish and install new electrical service, service entry, pad-mounted switch, transformer, main breaker, MCCs, VFDs, ATS, and related foundation, conduits, conductors, handholes and instrumentation equipment at the City's Main Street Facility, modify existing electrical and instrumentation equipment for the new water treatment systems. Instrumentation and control systems shall be integrated with the existing SCADA system. The Contractor shall utilize City's Instrumentation and Control specialist, Morrow Meadows, Inc., for the SCADA integration. The Contractor may contact Steve Marlow with Morrow Meadows, Inc. smarlow@morrow-meadows.com for this scope of work.
14. Provide all commissioning and start-up-services.

The Contractor is required to demonstrate its experience of successfully completing construction of two separate pipelines and two separate pressurized water treatment projects within the past 10 years such as, but not limited to, granular activated carbon, ion exchange, surge tanks, membrane filtration, and/or pressurized filtration.

The Work is to be done in accordance with the plans, specifications and contract documents on file in the District office, 18700 Ward Street, Fountain Valley, California, which plans and specifications are designated as above, and which documents are by this reference incorporated herein.

SPECIAL CONDITIONS TO CONTRACT: See Section 900 of the Special Provisions.

PREBID CONFERENCES: In response to the current COVID-19 situation, the OCWD office remains closed to the public. Until further notice, all Prebid meetings and bid openings will be conducted remotely by Zoom or similar service. A Good Faith Effort (GFE) Pre-bid Informational Meeting will be held Monday, October 17, 2022 at 10:00 A.M. Pacific Time (U.S. and Canada) to review the GFE requirements for the project. The Zoom link is as follows: Join Zoom Meeting:

<https://ocwd.zoom.us/j/88279648474?pwd=UjZzcitxT1NOMS91dWgxUzhYN2R2Zz09>

Dial by your location

+1 213 338 8477 US (Los Angeles)

+1 669 219 2599 US (San Jose)

+1 206 337 9723 US (Seattle)

+1 301 715 8592 US (Washington DC)

+1 312 626 6799 US (Chicago)

Meeting ID: 882 7964 8474 Passcode: 208247

The Site Walk will be held Tuesday, October 18, 2022 at 10:00 A.M. at the following location: 235 E. Main St, Tustin CA 92780

All potential bidders, contractors and other interested parties are encouraged to attend these conferences conducted by the District and Engineer. Any potential bidder that does not attend either conferences will be charged with knowledge of all information that was available at both prebid conferences.

The District Project Manager will also discuss the role and participation of potential bidders in the District's Contractor Safety Program. Also, as a part of this program, the OCWD Pre-Award Safety Review form (Appendix A of the Contractor Safety Procedures) will be discussed in greater detail.

COMPLETION OF WORK AND LIQUIDATED DAMAGES: All Work must be substantially completed within Four Hundred Fifty (450) consecutive calendar days from the date of the Notice to Proceed issued by the District. Failure to complete the Work within the time set forth herein will result in the imposition of liquidated damages for each day of delay, in the amount set forth in the Information for Bidders.

OBTAINING CONTRACT DOCUMENTS: Plans and specifications and all contract documents must be purchased through HB Digital at www.ocwdplanroom.com. Payment will not be refund and the plans and specifications and contract documents are not required to be returned.

BID GUARANTEE: Each Bid shall be accompanied by one of the following: a certified or cashier's check, or bid bond in an amount not less than ten percent (10%) of the total bid price, payable to the Orange County Water District, as a guarantee that the Bidder, if its Bid is accepted, shall promptly execute the Agreement, furnish a satisfactory Faithful Performance Bond in an amount not less than one hundred percent (100%) of the total bid price, furnish a Labor and Material Bond in an amount not less than one hundred percent (100%) of the total bid price, and furnish certificates evidencing that the required insurance is in effect in the amounts set forth in the Insurance Conditions. The Faithful Performance Bond shall remain in full force and effect through the guarantee period as specified in the General Provisions. All surety companies shall be admitted surety insurers and shall comply with the provisions of Code of Civil Procedure Section 995.630.

WAGE RATE: As required by Section 1773 of the California Labor Code, the Director of the Department of Industrial Relations of the State of California has determined the general prevailing rates of wages in the locality in which the Work is to be performed. The prevailing wage determinations are available at the following web site: <http://www.dir.ca.gov/OPRL/DPreWageDetermination.htm> The Contractor and any subcontractor under it shall not pay less than the specified prevailing rates of wages to all workers employed in the execution of the Contract.

PROJECT ADMINISTRATION: All questions relative to this project prior to the opening of bids shall be directed, in writing, to the Engineer for the project:

ORANGE COUNTY WATER DISTRICT
18700 Ward Street
Fountain Valley, CA 92708

Mailing Address:
P.O. Box 8300
Fountain Valley, CA 92728-8300
Attention: Fernando Almario, P.E.

Telephone: 714/378-8220
Facsimile: 714/378-3373

SUBSTITUTION OF SECURITIES: At the request and expense of the successful bidder, the District will pay the amounts retained pursuant to the contract documents as security for the completion of the Work in compliance with the requirements of Public Contract Code Section 22300 and the provisions of the General Provisions pertaining to "Substitution of Securities."

CONTRACTOR'S LICENSE SPECIFICATION: In accordance with the provisions of California Public Contract Code Section 3300, the District requires that the bidder possess the following classification of contractor's license at the time that the bid proposal is submitted: Class A. If the license classification specified hereinabove is that of a "specialty contractor" as defined in Section 7058 of the California Business and

Professions Code, the specialty contractor awarded the Contract for this Work shall itself construct a majority of the Work, in accordance with the provisions of California Business and Professions Code Section 7059. Each bidder shall clearly write or type their contractor's license number on the outside of the bidding envelope.

CONTRACTOR'S REGISTRATION: In accordance with Labor Code Section 1771.1.a, contractor or subcontractor shall not be qualified to bid on or be listed in a bid proposal or engage in the performance of this Work unless currently registered and qualified to perform the Work pursuant to Labor Code Section 1725.5.

COMPLIANCE MONITORING AND ENFORCEMENT: Contractor's performance of the Work described in this Notice Inviting Bids is subject to compliance monitoring and enforcement by the California Department of Industrial Relations.

SHEETING, SHORING AND BRACING: Pursuant to the provisions of California Labor Code Section 6707, each bid submitted in response to this Notice Inviting Bids shall contain, as a bid item, adequate sheeting, shoring, and bracing, or equivalent method, for the protection of life and limb in trenches and open excavation, which shall conform to applicable safety orders.


CONTRACTOR SAFETY PROGRAM: The District has instituted a Contractor Safety Program to comply with Cal/OSHA's Multi-Employer Worksite Standards. A copy of the District's *Contractor Health & Safety Handbook* is appended as Exhibit B of these contract documents. Potential bidders are strongly encouraged to familiarize themselves with this handbook and complete and submit appropriate forms with their bid proposal as indicated.

DISTRICT'S RIGHTS RESERVED: The Orange County Water District reserves the right to reject any or all bids, and to waive any informality in any bid.

Dated: October 11, 2022

ORANGE COUNTY WATER DISTRICT

By:



Michael R. Markus, P.E., D.WRE
General Manager