



Riverside County
Perris, California

**PREQUALIFICATION
FOR**

SPECIFICATION NO. 1322

AQUASEL BRINE CONCENTRATION DEMONSTRATION

Work Order No. 413800

Paul D. Jones, II, P.E. - General Manager

*Safety is of paramount and overriding importance to
Eastern Municipal Water District*

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SPECIFICATION NO. 1322

AQUASEL BRINE CONCENTRATION DEMONSTRATION

PUBLIC INVITATION TO PREQUALIFY FOR CONSTRUCTION

REQUEST FOR PREQUALIFICATION: General Contractors interested in submitting proposals for construction of the AquaSel Brine Concentration Demonstration project are invited to prequalify. The prequalification documents, specifically for this project, must be completed and submitted for consideration.

Eastern Municipal Water District (DISTRICT) intends to enter into a written agreement with a successful pre-qualified General Contractor to complete the construction of the AquaSel Brine Concentration Demonstration project. The Request for Proposal will include pre-negotiated proposals for select equipment and services. The pre-negotiated proposals include scope of supply, costs, and vendor specific terms and conditions. The General Contractor will be required to issue a purchase order for these pre-negotiated proposals, which will be considered as General Contractor provided equipment and services. The selected General Contractor will install all equipment and coordinate services and will be responsible for complete, integrated, and fully operational facilities that support the AquaSel Brine Concentration Demonstration project.

Due to the special requirements of the project and the special nature of this project, DISTRICT has determined that prequalification of the prospective General Contractors is necessary to ensure that General Contractors have the requisite experience and financial liquidity to complete a job of this magnitude and complexity. Prospective General Contractors who execute and deliver this prequalification package to DISTRICT shall be bound by all terms contained in the prequalification package.

Joint ventures shall be composed of not more than two single General Contractors. Each member of the joint venture must complete a separate Request for Prequalification.

MINIMUM QUALIFICATION REQUIREMENTS:

General Contractors must demonstrate the satisfactory completion, as a prime general engineering contractor, of at least **Three (3)** similar Advanced Water or Wastewater Treatment Process (not collection system or linear) projects within the last **Ten (10)** years, as follows:

- A. Contract Type: Public Works**
- B. Construction Type: Process mechanical for package equipment treatment system from a single vendor with equipment package value of \$500,000 or more.**
- C. Dollar value: \$2 million or greater**

- D. Other:** Projects where the majority scope of process equipment supply is provided by a single vendor or supplier and the plans for construction are at a level of completion of 50% or greater.

In addition, prospective General Contractors must have current registrations in the Central Contractor Registration (CCR) and Bradstreet Data Universal Number System (DUNS).

General Contractors failing to meet these minimum requirements will be rejected and will not be prequalified. In addition, each General Contractor will be evaluated utilizing the factors listed on the prequalification rating chart made a part of this package.

SCOPE OF WORK: Construction, Testing, and Startup of the AquaSel Brine Concentration Demonstration project consist of the following components:

- **Location:** The work to be constructed is located adjacent to the Menifee/Perris I Desalter located at 29541 Murrieta Road, Sun City, CA 92586.
- **Description of Work:** The work comprises of the construction of a facility housing a technology to further recover water from a reverse osmosis brine discharged from an adjacent District facility. The facility will house an electrodialysis reversal (EDR) system and a solids precipitation system in a pre-fabricated steel building. The EDR equipment and solids precipitation equipment, hereinafter referred to as the AquaSel system, have been pre-negotiated with GE Water and Process Technologies. The CONTRACTOR shall furnish and install the pre-fabricated building, the AquaSel equipment, and the inter-connecting mechanical, electrical, and control systems between each piece of equipment such that a fully functional and controllable system is provided.

Additional yard piping, connections to existing utilities, grading, paving, fencing, new electrical service, and other related site preparation work shall also be provided, in accordance with the Contract documents. A set of 50% drawings will be provided indicating the conceptual layout for the related utilities and appurtenances.

Among the major work items are the following:

Additional requirements for equipment to be provided by the General Contractor will be set forth in the Detailed Provisions of the forthcoming Project Contract Documents. The General Contractor is also required to furnish complete detailed shop drawings, erection instructions, operation and maintenance manuals (electronic and hard copy), training, and the necessary engineering services specified.

The General Contractor is required to provide an experienced service engineer and/or representative to support onsite training, commissioning, and startup. All costs (labor and expenses) related to these services shall be included in The General Contractor's RFP response and Proposal.

PREVAILING WAGE REQUIREMENTS: This project is subject to the provisions of the California Labor Code. The Director of Industrial Relations has ascertained the general prevailing rates of wages and the general prevailing rates for legal holiday and overtime work in Riverside County. The Public Works Requirements under the California Administrative Code, Title 8, Group 3, Section 16100 shall apply, which include:

1. All applicable requirements of sections 1771, 1774-1776, 1813, and 1815
2. The appropriate number of apprentices are on the job site, as set forth in Labor Code Section 1777.5
3. Workers' compensation coverage, set forth in Labor Code Sections 1860 and 1861
4. To keep accurate records of the work performed on the public works project, as set forth in Labor Code Section 1812
5. Inspection of payroll records pursuant to Labor Code Section 1776, and as set forth in Section 16400 (e) of these regulations
6. Cost Proposals for Operations and Maintenance services
7. Other requirements imposed by law

Public Works Contractor Registration. This project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

All bidders must provide a Contractor Registration Extract (pdf) with your bid showing active registration from the Public Works Contractor Registration online registration website: <https://efiling.dir.ca.gov/PWCR/Search>

Pursuant to Section 1771.1 of the Labor Code, no contractor or subcontractor shall be qualified to bid on, be listed in a bid proposal, or engage in the performance of any contract for public work unless currently registered with the Department of Industrial Relations to perform public work pursuant to Section 1725.5 of the Labor Code. *It shall not be a violation of this section for an unregistered contractor to submit a bid that is authorized by Section 7029.1 of the Business and Professions Code or by Sections 10164 or 20103.5 of the Public Contract Code, provided the contractor is registered to perform public work pursuant to Section 1725.5 at the time the contract is awarded.* No contractor or subcontractor may be awarded a contract for public work on a public works project unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5.

All contractors and subcontractors must furnish electronic certified payroll records directly to the Labor Commissioner (aka Division of Labor Standards Enforcement). Additionally, the awarded Contractor shall submit certified payroll records to the District.

In addition, awarded Contractor must post jobsite notices prescribed by regulations.

PROJECT KEY COMPONENTS

- **Project Description:** The following is a description of the Project and is not intended as a replacement of the Construction Documents. The successful bidder shall provide all Work as required by the Construction Bid Documents, which are not included herein.

The Project includes:

The Work comprises of the construction of a facility housing a technology to further recover water from a reverse osmosis brine discharged from an adjacent District facility. The facility will house an electro dialysis reversal (EDR) system and a solids precipitation system in a pre-fabricated steel building. The EDR equipment and solids precipitation equipment, hereinafter referred to as the AquaSel system, have been pre-negotiated with GE Water and Process Technologies. The CONTRACTOR shall furnish and install the pre-fabricated building, the AquaSel equipment, and the inter-connecting mechanical, electrical, and control systems between each piece of equipment such that a fully functional and controllable system is provided. Additional yard piping, connections to existing utilities, grading, paving, fencing, new electrical service, and other related site preparation work shall also be provided, in accordance with the Contract documents.

- **Location:** The work to be constructed is located adjacent to the Menifee/Perris I Desalter located at 29541 Murrieta Road, Sun City, CA 92586.
- **Owner Furnished Equipment:** There are no Owner furnished equipment. However, the General Contractor shall enter into a contract with an equipment vendor who will be supplying the process equipment, controls, and ancillary systems utilized in the project.
- **Building:** The Contractor shall furnish and install a pre-fabricated steel building required to house the process equipment.
- **Civil Site Improvements:** The Contractor shall furnish and install yard piping, connections to existing utilities, grading, paving, fencing, and other site improvements.
- **Electrical Equipment:** The Contractor shall furnish and install a new electrical service to the new building, including duct and structure required by SCE to provide a new service. In addition, the Contractor shall furnish and install a power distribution center, conduits, cabling, and other appurtenances such that all process equipment, lighting, and ancillary devices are powered and operate as intended. The process equipment will be mounted on pre-fabricated skids and some items are shipped loose to be field installed. The Contractor shall ensure that the power and controls between the process skids and the local electrical/control cabinets are properly connected such that the complete process is operating and controlled as intended.
- **HVAC Equipment:** The Contractor shall furnish and install wall mounted exhaust fans, louvers, and other appurtenances to facilitate ventilation within the building.

- **Instrumentation and Control Equipment:** The process equipment will have their own control panels. The Contractor shall furnish and install all conduits, cabling, and appurtenances required to interconnect the process equipment such that the complete process is operating and controlled as intended.
- **Engineer's Estimate** - \$4 million - \$6 million
- **Project Duration** – 420 calendar days

TIME OF COMPLETION / CONSTRUCTION COST: The construction of the AquaSel Brine Concentration Demonstration project will have a contract duration of approximately 420 calendar days. The project will be funded by DISTRICT subject to funding from United States Bureau of Reclamation (USBR) Grant Funding Program. The bonding estimate for this project is **\$4 million to \$6 million.**

SPECIAL REQUIREMENTS – PROGRAM FUNDING: This project is subject to funding requirements under the United States Bureau of Reclamation (USBR) Grant Funding Program. Prospective General Contractors shall be responsible to comply with the funding requirements stipulated by the USBR, which will be included in the future bid documents.

CONTRACT DOCUMENTS: The equipment piping configuration isometric is included as Attachment L in the back of the Prequalification Forms. The piping isometric illustrates the complexity of the project.

OBTAINING A PREQUALIFICATION PACKAGE:

This Prequalification Package is only available electronically. Interested General Contractors may obtain a copy as follows:

- Via email to: francisb@emwd.org and dixitl@emwd.org

OR

- On our website at www.emwd.org. To view and download these documents, navigate to **Construction** and select **Public Works Projects Open Bids**. If obtaining the prequalification package online, complete the Plan Holder Registration form to receive email notification of addenda issued.

Questions: Specific questions regarding the Project or the prequalification process shall be addressed as follows:

Warren Huang
Eastern Municipal Water District
Email to: huangw@emwd.org
cc: francisb@emwd.org and dixitl@emwd.org

SUBMISSION OF COMPLETED PREQUALIFICATION PACKAGE: The time and date to submit **five (5) hard** copies and **two (2) CDs** (electronic copy in smart PDF) of a fully completed questionnaire is **no later than:**

June 7, 2017

Note: Failure to submit five (5) copies and two (2) CDs (electronic copy in smart PDF) and/or incomplete packages are grounds for immediate disqualification.

The prequalification packages shall be submitted under seal and marked as follows:

**CONFIDENTIAL - REQUEST FOR PREQUALIFICATION
SPEC. 1322 AQUASEL BRINE CONCENTRATION DEMONSTRATION**

Regular Mail or Express Mail:

Eastern Municipal Water District
Attn: Field Engineering Department (**Attn: Brittnee Francis**)
P O Box 8300
Perris, CA 92572-8300

Hand Delivered, Federal Express or Courier Service:

Eastern Municipal Water District
Attn: Field Engineering Department (**Attn: Brittnee Francis**)
2270 Trumble Road
Perris, CA 92570

If hand delivering your package, please access the parking lot designated as VENDOR/BIDDERS and go to the Operations and Maintenance Lobby to have your package time-stamped by the Receptionist.

**COMPLETED PREQUALIFICATION PACKAGE CAN NOT BE
SUBMITTED ELECTRONICALLY VIA E-MAIL OR FTP SITE**

NOTIFICATION OF PREQUALIFICATION STATUS: Upon completion of the prequalification process, all General Contractors who submitted a prequalification package shall be notified of their status, in writing, on or about:

June 20, 2017

INSTRUCTIONS:

1. Any General Contractor who wishes to submit a proposal for the AquaSel Brine Concentration Demonstration project is required to complete, execute, and submit as follows:

Five (5) hard copies to include all instructions and forms

Two (2) CDs in smart PDF format

2. Only those General Contractors who wish to submit prime proposals on the Project need to submit prequalification.
3. For joint ventures, a Request for Prequalification shall be completed by each General Contractor in the joint venture and shall be submitted **as a single package along** with an executed "Joint Venture Statement of Intent" (**Attachment A**) **signed/completed by both firms**, a copy of which is enclosed. **Joint ventures shall be comprised of not more than two single General Contractors.**
4. Separate performance and payment bonds, each for 100 percent of the contract amount, will be required. General Contractors wishing to prequalify shall identify their anticipated surety companies.
5. The Request for Prequalification document shall be completed in full by typing or legible hand lettering in black ink. The rating sheets are for information only, and shall be completed by the District. All sections (including instructions and forms) included in this document shall be submitted. Where space provided for responses is inadequate, prospective General Contractors should supplement the answers with additional referenced attachments as necessary.
6. All information submitted for the prequalification process shall become the sole property of DISTRICT. The questionnaires and financial information are not public records and shall not be subject to review or inspection by outside individuals or organizations. However, the names of General Contractors applying for prequalification are public records.
7. To be prequalified, General Contractors must meet the minimum qualification requirements.

General Contractors failing to meet the minimum requirements stipulated herein will not be considered for prequalification.

8. All General Contractors submitting the prequalification form must be licensed in the state of California, at the time the prequalification forms are submitted to DISTRICT, with the following licenses:

- **Class A – General Engineering**

General Contractors who fail to meet the license classifications listed above will not be considered for prequalification.

9. Each General Contractor submitting a request for prequalification will be evaluated utilizing the factors listed on the prequalification rating chart, which has been provided to each General Contractor seeking prequalification. A prequalification committee appointed by DISTRICT will determine the rating of each General Contractor on the various items contained on the prequalification rating chart. Certain factors listed on the prequalification rating chart will be given greater weighting by DISTRICT as indicated on the prequalification rating chart.

The General Contractors who fail to achieve this minimum score will not be prequalified and will not be allowed to propose on the project.

10. All requests for prequalification must be completed by answering all of the questions and the questionnaire shall be verified under oath by the General Contractor by execution and notarization of the verification included at the end of the questionnaire form. Prequalification questionnaires that are not completed by a General Contractor and questionnaires, which do not include the executed and notarized verification, may be disregarded. Alternatively, DISTRICT may require supplemental information from prospective General Contractors for incomplete information at the discretion of DISTRICT.
11. Upon completion of the prequalification process, all prospective General Contractors who have prequalified and all prospective General Contractors who have failed to prequalify will be notified, in writing.
12. Prospective General Contractors that are not prequalified shall have **five (5) working days** after being notified to deliver a written notice to appeal DISTRICT's decision. Prospective General Contractors who fail to deliver this written request to DISTRICT within the date specified above expressly waive the right to appeal the decision of DISTRICT. Written notification shall be submitted to:

Warren Huang, c/o Brittnee Francis, Field Engineering

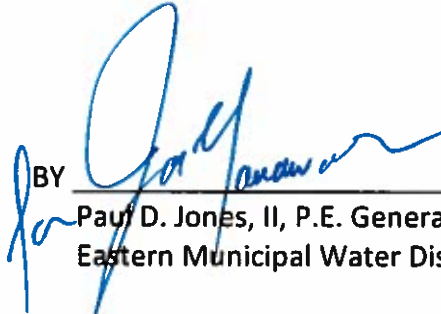
FAX: 951-928-6111 or email to francisb@emwd.org and huangw@emwd.org

13. In the event a prospective General Contractor has made a written request to obtain DISTRICT's basis for disqualification and any supporting evidence within the **five (5) day period**, DISTRICT will provide this information to the prospective General Contractor.
14. Prospective General Contractors shall have **five (5) working days** from receipt of DISTRICT's letter explaining the basis for the disqualification and any supporting evidence to rebut this evidence and to present any evidence to DISTRICT explaining why the prospective General Contractor should be found qualified. This evidence will be evaluated by DISTRICT and the prospective General Contractor who has provided it will be notified of the result, in writing.

Prospective General Contractors who fail to submit this evidence within the **five (5) working day period** expressly waive the right to contest DISTRICT's decision.
15. If any prospective General Contractor fails to meet the **five (5) working day** deadlines provided above, the proposed prequalification rating may be adopted by DISTRICT without any further proceedings.
16. The decision made by DISTRICT following review of any rebutting evidence submitted by any prospective General Contractor shall be the final decision of DISTRICT unless DISTRICT notifies the prospective General Contractor that it will allow a hearing, at DISTRICT's sole discretion.

17. DISTRICT reserves the right to require prospective General Contractors to clarify any information provided or to require prospective General Contractors to submit additional information determined necessary by DISTRICT to evaluate prequalification for any General Contractor.
18. General Contractors who are not pre-qualified shall not be entitled to propose on the project.
19. Prospective General Contractors understand and acknowledge that DISTRICT will be relying upon the truthfulness of all information contained in the questionnaire in evaluating each prospective General Contractor. Each prospective General Contractor warrants and represents that all information contained in the prequalification questionnaire is true and adequate as stated. In the event DISTRICT subsequently discovers that any information provided by any prospective General Contractor is inaccurate or misleading, this shall be a separate and independent ground for disqualification of the prospective General Contractor. Prospective General Contractors disqualified on this basis will not be allowed to submit a proposal on the project.
20. Upon execution below, each prospective General Contractor acknowledges they have carefully read and understood all terms of the prequalification process and agree to be bound by all of these terms. In the event any action or proceeding is commenced to interpret, enforce, or invalidate any of the terms of this Agreement, jurisdiction and venue shall lie only in the State Courts in the County of Riverside. The parties hereby expressly agree that this is the correct jurisdiction and venue for resolution of all disputes arising with respect to the prequalification process. In the event any General Contractor commences any action or proceeding challenging any prequalification decision made by DISTRICT, and the decision made by DISTRICT is subsequently upheld, the General Contractor challenging the decision shall pay all attorneys' fees, expert fees and costs, and court costs incurred by DISTRICT and the Engineer in addition to all other relief provided by law.

This is not a solicitation of proposals. No guarantees, expressed or implied, are made that the above schedule will be followed, that the Project will be constructed as described, or that the Project will be constructed at all. DISTRICT reserves the right to change or delete the Project. General Contractors responding to this invitation do so at their own risk and option and therefore, assume full responsibility for all associated costs.

BY 
Paul D. Jones, II, P.E. General Manager
Eastern Municipal Water District

Official Publication: EMWD Website (www.emwd.org)

Posted date: May 10, 2017