
REQUEST FOR STATEMENT OF QUALIFICATIONS FOR PROFESSIONAL ENGINEERING SERVICES

To provide consulting and professional engineering services to East Rio Hondo Water Supply Corporation (ERHWSC) for funding application assistance, preliminary engineering and planning, environmental compliance documentation, acquisition (property), bid solicitation, design, and construction phase services associated with the ERHWSC North Cameron Reverse Osmosis (NCRO) Plant Expansion project Phase I & II, the Martha Ann Simpson Water Treatment Plant (MASWTP) Dissolved Air Flotation (DAF)/Harlingen Waterworks Pump Station Generator project, the North Cameron Regional Distribution Transmission Main, and the ERHWSC Disposal Site Improvements project to be financed through Texas Water Development Board (TWDB) Program.

A. INTENT OF REQUEST

ERHWSC is soliciting Request for Statement of Qualifications (SOQ) from interested qualified professional engineers demonstrating their qualifications for funding application assistance, preliminary engineering and planning, environmental compliance documentation, acquisition (property), bid solicitation, design, and construction phase services associated with the five projects noted above. All engineering services performed by the submitting party ("Proposer") selected for these projects shall be in conformity with industry standards, as well as any requirements of state and federal agencies. The submitting party must also demonstrate significant experience working with the TWDB, USEPA, the Texas Parks and Wildlife Department, the United States Fish and Wildlife Service, the Texas Historical Commission, the United States Army Corps of Engineers, and the Texas Commission on Environmental Quality (TCEQ).

B. PROJECT DESCRIPTIONS:

ERHWSC is proposing to develop design plans and technical specifications to solicit competitive bids for construction of the following:

ERHWSC North Cameron Reverse Osmosis Plant (NCROP) Expansion, Phase 1

This project scope includes the first, phased expansion of the NCROP since original construction. The Phase 1 expansion will equip NCRO with an additional 2.7 MGD (5.0 MGD total capacity) well production and treatment capacity. Major elements of the project include a new well, raw water collection lines, RO trains, disinfection improvements, new degasifier and blowers, new emergency generator and electrical improvements.

ERHWSC NCROP Expansion, Phase 2

This project scope includes the continued expansion of the NCROP with an additional 2.5 MGD of well production and treatment capacity for a grand total of 7.5 MGD production capacity for the facility. Major elements of the project include two new wells, raw water collection lines, new RO trains and building expansion, disinfection improvements, new degasifier and blowers, new 2MG ground storage tank, new emergency generator and electrical improvements.

North Cameron Regional Distribution Transmission Main

This project scope includes upgrading approximately 10 miles of existing water distribution system transmission capacity. A new, 20" water transmission main is proposed to be installed within private right of way easements to augment an existing 10" water transmission main along FM 508. The intent of the project is to increase distribution system transmission capacity from the west end of the system to the rapidly developing eastern end of the system,

and minimize current line losses on the existing 10" waterline.

Martha Ann Simpson Water Treatment Plant (MASTWP) Dissolved Air Flotation (DAF) / Harlingen Waterworks Pump Station Generator

This project scope includes the addition of dissolved air flotation (DAF) unit processes to the existing 8.0 MGD MASWTP to enhance the overall surface water treatment process, particularly during seasonal algae blooms. Major elements of the project include new flocculation and DAF basins, ancillary piping and pumping systems for the DAF units, electrical improvements, and emergency generator upgrades.

The Harlingen Waterworks Pump Station (HWWPS) is the primary alternative water supply to ERHWSC's system. The HWWPS has no backup power. In any emergency event, the primary alternative would not be available during a power outage. This project will provide a 350 KW emergency generator for this water source to be available during emergency conditions.

ERHWSC Disposal Site Improvements

The proposed project scope includes improving ERHWSC's water treatment plant residual solids (WTPRS) disposal site basin liners to prevent infiltration of emerging contaminants into the local groundwater. The disposal area (TCEQ Registration No. 730395) serves as the WTPRS disposal site for both of ERHWSC's surface water treatment plants, being the Martha Ann Simpson and Nelson Road WTPs. The proposed project includes improving the existing liner system with clay, synthetic or combination liner to prevent infiltration of contaminants into the groundwater and surrounding surface water bodies.

C. SCOPE OF WORK:

The services to be provided by the Engineer shall include, but are not limited to, the following duties, as necessary:

- Direction and coordination of all programs of financing, including but not limited to preparation and coordination of filing application(s) with TWDB.
- Consulting and engineering services including but not limited to contract documents, technical specifications and drawings for improvement projects selected for funding.
- Advice and consultation on design requirements.
- Prepare engineering feasibility reports and environmental documents related to the project sites.
- Provide geotechnical soil investigations and construction material testing for projects.
- Coordinate hydrogeologic investigations for well sites.
- Provide project design, hydrogeological, architectural, surveying, and other services.
- Provide bid phase services.
- Provide resident or part-time project representative for construction observation services.
- Provide construction administration management services.
- Attend monthly construction meetings.
- Certify quantities.
- Certify contractor pay requests.
- Provide warranty phase services.
- Provide record drawings in PDF, AutoCAD, and hard copy (mylar).
- Assist in surveying title work, and procuring easements and permits.
- Any other engineering related duties that may be required by ERHWSC.
- Serve as liaison between funding agencies, ERHWSC, and Subconsultants.

D. STATEMENT OF QUALIFICATIONS

The Proposer shall provide a description of the history and background of the firm, identification of the services currently being provided to water supply corporations, districts, and municipalities providing potable water and wastewater services in Texas, and other information relevant to the scope of work listed herein. The following information shall be included in your SOQ and provide the following information within 30 pages (excluding cover pages, dividers and cover letter only):

1. A brief cover letter summarizing the SOQ key points. Cover letter must be signed by an authorized representative who is responsible for committing the firm's resources.
2. General information about the firm.
 - A. Name, address, and telephone number of the firm.
 - B. Structure of firm, i.e. sole proprietorship, partnership, corporation, gross and net annual revenue for 2022 & 2023, and the number of employees for the firm.
 - C. Information pertaining to the firm's compliance with licensing and other requirements of the State of Texas.
 - D. List names and titles of firm representatives who will be directly responsible for engineering and other related services.
 - E. History of the firm.
 - F. A description of the firm's capability to provide services described herein.
3. Identify personnel to be assigned responsibility for administering projects (provide organization chart of the project team, resumes, identify individuals with applicable experience specific to ERHWSC and funding agencies. Identify office locations for the individuals assigned to the project(s).
4. A description of the present and projected workload for key dedicated staff.
5. Identify subconsultants affiliated with the firm for these specific projects to include specialty engineering fields, architecture, surveying, and hydrogeological.
6. A list of five (5) municipal and/or public utility clients and representative projects demonstrating the firm's competence and capabilities to perform the work required for ERHWSC projects. List the services performed, including the total project cost associated with the project. Include the names, addresses, and telephone numbers of contact persons.
7. Completed TWDB-0215, TWDB-0216, TWDB-0217, and TWDB-0373 form to be submitted in the response package.

E. RECEIPT OF STATEMENTS OF QUALIFICATIONS

If your firm is interested in being considered for these projects, you must sign up on the RFQ Holder's List by emailing Amanda M. Sanchez at amsanchez@erhwsc.com the firm's intent to submit a SOQ by October 23, 2024 at 3:00 PM. SOQs must be received no later than 4:00 PM, Central Time on November 6, 2024, at the ERHWSC Main Office, 206

Industrial Parkway, Rio Hondo, TX 78583. One (1) original copy and five (5) hard spiral or comb bound copies of the SOQ must be sealed and clearly marked on the face of the shipping material “ERHWSC SOQ for Professional Engineering Services”. Questions regarding this RFQ should be directed to amsanchez@erhwsc.com. Questions regarding this RFQ received after 3:00 PM, Central Time on October 23, 2024 will not be answered in order to allow ample time for distribution of answers and/or addendum to this RFQ. Answers to this RFQ and any amendments will be emailed or faxed to those on the RFQ Holders List by 3:00 PM Central Time on October 30, 2024.

F. ADDITIONAL INFORMATION

1. This contract is contingent upon release of funds from the funding agencies. Neither the USEPA, State of Texas nor any of its departments, agencies or employees are or will be a party to this RFQ or any resulting contract.
2. ERHWSC reserves the right to refuse and reject any or all responses and to waive any or all formalities or technicalities, and to accept the proposal considered the best and most advantageous to ERHWSC and to hold the responses for a period of ninety (90) days without taking action.
3. ERHWSC shall not be held liable for any costs incurred by any respondent for work performed in the preparation of and production of a SOQ or for any work performed prior to execution of a contract.
4. ERHWSC reserves the right to waive or take exception to any part of these specifications when in the best interest of ERHWSC.
5. During the period between solicitation/advertisement and the contract award, Engineers, including their agents and representatives, shall not directly discuss or promote, verbal or written, their response/SOQ with any member of ERHWSC, its Board members directly or indirectly through others, seek to influence any Board member or ERHWSC staff regarding any matters pertaining to this solicitation, except as herein provided. If a representative of any Engineer violates the foregoing prohibition by contacting any of the above listed parties with whom contact is not authorized, such contact may result in the Engineer being disqualified from the procurement process. Violation of this provision may result in the rejection of the Engineer’s SOQ.
6. Any contract or contract(s) awarded under the Request for Qualifications (RFQ) are expected to be funded in part by a loan and/or loan forgiveness from the TWDB.
7. These contracts are subject to the Environmental Protection Agency's (EPA) Disadvantaged Business Enterprise (DBE) Program, which includes EPA-approved fair share goals toward procurement of Minority and Women-owned Business Enterprise (M/WBE) businesses. EPA rules require that applicants and prime contractors make a good faith effort to award a fair share of contracts, subcontracts, and procurements to M/WBEs through demonstration of the six affirmative steps. For more details of the DBE Program and the current, applicable fair share goals, please visit www.twdb.texas.gov/dbe.

CATEGORY	MBE	WBE
CONSTRUCTION	24.50%	11.34%
NON-CONSTRUCTION	24.05%	19.35%
TOTAL COMBINED		
CONSTRUCTION AND	24.16%	17.38%
NON-CONSTRUCTION		

TWDB document TWDB-0210 *Disadvantaged Business Enterprises for State Revolving Fund Projects* dated April 1, 2024, describes requirements of this program.

Respondents may contact the TWDB for assistance at 512-463-4841 for clarification with issues specifically related to the completion of the required TWDB DBE Program forms.

8. Equal Opportunity Employment – All qualified Applicants will receive consideration for employment without regard to race, color, religion, sex, age, handicap or national origin. Bidders on this work will be required to comply with the President’s Executive Order No. 11246, as amended by Executive Order 11375, and as supplemented in Department of Labor Regulations 41 CFR, Part 60. ERHWSC is an Affirmative Action/Equal Opportunity Employer. Small, minority and women-owned firms are encouraged to submit SOQs.

9. ERHWSC will make its selection based on demonstrated competence, experience and qualifications. ERHWSC will negotiate a contract with the selected firm. ERHWSC reserves the right to award the contract to the next best qualified Respondent if the selected Engineer does not execute a contract acceptable to the Corporation within 45 days after Corporation’s final approval of the contract.

G. SELECTION CRITERIA

The following will be used as a basis for the selection of the Engineer:

<u>Criteria</u>	<u>Points</u>
<u>Firm Background</u>	35 points
<ul style="list-style-type: none">• Organization’s General Experience• Federal and State Funding Experience• Demonstrated Local Experience• Office and Staff Locations	
<u>Project Team(s)</u>	35 points
<ul style="list-style-type: none">• Team Description Including Subconsultants• Team Member Experience• Project Manager(s)• Resumes (individuals’ office locations)	
<u>ERHWSC Experience</u>	25 points
<ul style="list-style-type: none">• Past ERHWSC Projects	
<u>References</u>	5 points