

## Request for Qualifications: North Alamo Water Supply Corporation Brackish Groundwater Desalination Project Planning/Design/Bid/Construction Management Subconsultant Services

*Freese and Nichols, Inc.* (FNI) is working with the *North Alamo Water Supply Corporation* (NAWSC) to provide planning, design, bid and construction management and inspection services for a brackish groundwater desalination project. The project includes siting, permitting, drilling and equipping three brackish groundwater wells; construction of transmission pipelines, retrofitting and expanding existing brackish groundwater desalination facilities.

As part of this work, FNI requires support from qualified subconsultants for the following:

- (1) Groundwater availability assessment and well siting for wells to serve the Doolittle, Donna and Owassa Brackish Groundwater Desalination Plants (BGDPs); and well permitting, well bid and well construction inspection services;
- (2) Field survey, land acquisition and rights-of-way services;
- (3) Geotechnical analysis;
- (4) Supervisory Control and Data Acquisition (SCADA) Integration and Electrical Design;
- (5) Membrane System Start-up and Membrane Systems Start-up / Operations Troubleshooting Services and Pilot Testing

The general work scope for each item is described below.

- (1) General Description of groundwater availability assessment and well siting; well permitting; well bid; and, well construction inspection services:** Sub-consultant to provide groundwater availability assessment and well siting recommendations, preliminary design, design, bid and construction phase services.
- (2) General Description of Field Survey and/or land acquisition and rights-of-way services Work Scope:** Field surveyor to tie-in all requested surface topographic features within identified survey boundaries, measure inverts of requested structures/pipelines, locate existing utilities, identify existing easements and property boundaries, complete property research, prepare metes and bounds documents as required for easement and land acquisition. Field surveyor must obtain rights-of-entry as needed to complete work. Respondents have the option of submitting a response for one or both, Field Survey Services and/or Land Acquisition and Rights-of-Ways Services.
- (3) General Description of Geotechnical Analysis Work Scope:** Geotechnical consultant to conduct field exploration, perform laboratory testing, provide a summary data report, and complete any additional miscellaneous geotechnical work during design, bid, and construction.
- (4) General Description for Supervisory Control And Data Acquisition (SCADA) Integration and Electrical Design:** Consultant to provide SCADA integration services for well pumps, retrofitted and expanded brackish groundwater desalination facilities; as well as electrical design for identified project components.
- (5) General Description of Membrane System Start-up / Operations Troubleshooting Services and Pilot Testing:** Consultant to assist on as needed basis on installation, operations start-up and operational monitoring during first six months of operation of desalination trains retrofits and/or new desalination trains. Consultant will also perform / assist with pilot testing of membrane alternatives as directed by FNI.

**Submittal Format:** FNI requests a statement of qualifications from your firm if you are interested in providing these services. The statement of qualifications shall be in the form of a response letter (maximum two pages), indicating your firm's ability to meet the requirements of this project submitted electronically to:

Freese and Nichols, Inc.  
9601 McAllister Freeway, Suite 1008  
San Antonio, TX 78216  
Attn: Jacqueline McMahan  
210-298-3810  
[Jacqueline.McMahan@freese.com](mailto:Jacqueline.McMahan@freese.com)

**Submittal Requirements:** The response letter shall include the following items at a minimum. DO NOT INCLUDE COST INFORMATION with the qualification statement. Responses that include cost or pricing information will be rejected and will not be considered. FNI will evaluate the proposals to determine which firm has the best qualifications.

- Identification of work scope item(s) for which firm is submitting qualifications.
- Confirmation that the firm is capable of providing all services described in this RFQ.
- Any supporting documentation, such as resumes, certification(s), etc. (these attachments are not counted as part of the page count).
- Firm's Disadvantaged Business Enterprise (DBE) status.
- Experience with North Alamo Water Supply Corporation infrastructure and standards.
- Confirmation that the firm can service the location of the North Alamo Water Supply Corporation.

**Response Deadline:** Please submit qualifications statement via email by 5:00 p.m. on Monday February 24<sup>th</sup>, 2020. FNI will review all responses and provide notification by 5:00 p.m. on Friday February 28<sup>th</sup>, 2020. A copy of the evaluation criteria can be obtained by contacting Jacqueline McMahan at [Jacqueline.McMahan@freese.com](mailto:Jacqueline.McMahan@freese.com), or 210-298-3810.

This contract is contingent upon release of funds from the Texas Water Development Board (TWDB). Any contract or contracts awarded under this Request for Qualifications is expected to be funded in part by a loan from the TWDB. Neither the State of Texas nor any of its departments, agencies, or employees are or will be a party to this RFQ or any resulting contract. RFQ's are issued in accordance with Section 2254 of the Texas Government Code (Professional Services Act). This contract is subject to the Environmental Minority Business Enterprise (MBE) and Women Business Enterprise (WBE) firms in the Construction, Equipment, Supplies, and Services procurement categories. EPA's policy requires that applicants and prime contractors make a good faith effort to award a fair share of contracts, subcontracts, and procurements to SMWBE's. Although EPA's policy does not mandate that the fair share goals be achieved, it does require applicants and prime contractors to demonstrate use 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](http://www.twdb.texas.gov/dbe).

Equal Opportunity in Employment – All qualified Applicants will receive consideration for employment without regard to race, color, religion, sex, age, handicap or national origin. Small, minority, and women-owned business enterprises are encouraged to submit proposals.

A complete version of the TWDB document "TWDB-0210 Guidance Disadvantaged Business Enterprise for State Revolving Fund Projects" is available online at:  
<http://www.tbdb.texas.gov/financial/instructions/doc/TWDB-0210.pdf>.