

San Jacinto River Authority

REQUEST FOR QUALIFICATIONS

Water Treatment Plant Consultant Montgomery County Alternative Water Supply System

GENERAL INFORMATION

The Lone Star Groundwater Conservation District (LSGCD) developed and issued a District Regulatory Plan (DRP Phase IIA) in early 2008 to limit the total amount of groundwater withdrawn from the aquifers that serve Montgomery County by January 1, 2015. As a result, the San Jacinto River Authority (SJRA) began a program to assist the groundwater users in Montgomery County in meeting this regulatory requirement. The SJRA engaged Brown & Gay Engineers, Inc. as Program Management Consultant for the general purpose of program oversight. The SJRA developed and submitted the Water Resources Assessment Plan (WRAP) Part II to the LSGCD by the March 2, 2009 deadline required in the DRP Phase IIA.

The LSGCD is scheduled to develop and issue Phase IIB of its District Regulatory Plan during the summer or fall of 2009. It is anticipated that the SJRA will implement a wholesale treated surface water supply system that may include a new raw water intake and pump station; a surface water treatment plant including finished water storage; a finished water pumping facility; and a transmission system to deliver potable surface water to portions of Montgomery County. At this time the extent of the program that will be implemented is unknown. Therefore the location and size of the intake and water treatment plant and the extent of the transmission system have not been confirmed. It is anticipated that this Program will include various design/construction packages and that SJRA will engage engineering consultants to provide design for those packages. The initial phase of the surface water treatment plant could be sized as small as 6 mgd to as large as 25 mgd. The ultimate capacity of the surface water treatment plant may reach 90 mgd.

It is anticipated the LSGCD's DRP Phase IIB rules will require compliance by January 1, 2015. Following this criteria, the SJRA anticipates that it will be required to deliver potable water to selected customers on a wholesale basis by this date to meet the groundwater reduction criteria. It is anticipated that any planning and preliminary design of a water treatment plant and associated facilities will be completed by the summer of 2011. At that point a decision regarding final project delivery following either traditional Design-Bid-Build (DBB) or an alternative delivery method, such as Construction Manager at Risk (CMAR), may be determined.

As such, the SJRA has the need for a Water Treatment Plant Consultant to provide the necessary professional services required to support the Program. It is anticipated that

the SJRA will contract directly with the Water Treatment Plant Consultant, and the Program Management Consultant will assist the SJRA in managing the overall activities of the consultants involved in the Program. While various methods of project delivery are available to the SJRA, including traditional Design-Bid-Build (DBB) and Construction Manager at Risk (CMAR) previously noted, the SJRA expects the Water Treatment Plant Consultant to provide professional consulting services as the Owner's Representative, regardless of the project delivery method followed, throughout the entire project planning and implementation process described in greater detail below.

For the purpose of this RFQ, the limits of the water treatment plant begin downstream of the raw water intake and pump station and ends immediately downstream of the finished water storage facilities. The SJRA reserves the right to modify these limits and the extent of facilities associated with the Water Treatment Plant. The SJRA may consider the Water Treatment Plant Consultant to provide the following services.

- Development and management of raw water sampling program
- Establishment of finished water quality criteria
- Development and implementation of pilot testing program
- Process selection
- Plant siting (including coordination with raw water intake and PS facilities)
- Plant and storage facility layout
- Permitting
- Project delivery method evaluation
- Preliminary design
- CMAR firm solicitation and evaluation, if required
- Final design
- Development of bid documents
- Development of construction documents
- Bid/Negotiation phase services
- Construction Administration / Management
- Startup support
- Other services as required.

The SJRA is requesting a Statement of Qualifications from qualified firms to provide professional services as a Water Treatment Plant Consultant. The respondent firm shall include appropriately qualified, experienced and licensed professionals to provide these as well as other services required for the Program.

I. INSTRUCTIONS TO PROPOSERS

A. Points of Contact

1. Direct all questions regarding this RFQ to Ron Kelling at rkelling@sjra.net.

B. Anticipated Request for Qualifications (RFQ) Timeline

1. RFQ is issued late June 2009.
2. Submit twelve (12) bound copies of Qualifications to Mr. Reed Eichelberger, PE, General Manager, San Jacinto River Authority, 1577 Dam Site Road, Conroe, TX 77304 no later than 2:00 PM, Wednesday, July 22, 2009. Submittals received after this date and time will be returned unopened.
3. The Statement of Qualifications (SOQs) will be reviewed and selected respondents may be identified for further discussions, interviews, and/or formal presentations to be conducted at a later date.

C. Statement of Qualifications Requirements

1. SOQs shall not exceed fifteen (15) pages including transmittal letter and attachments; and excluding covers and plain section dividers. SOQs shall be printed on single side 8 ½" by 11" pages with not less than 1 inch margins, not less than 1.25 line spacing and not less than 11 point font.
2. Transmittal Letter – Provide a transmittal letter signed by an officer of the respondent firm who has the authority to commit the firm to the Program.
3. General Information of the respondent firm
 - a. Firm name
 - b. Corporate address
 - c. Address, phone number and fax number of Texas office supporting this Program
 - d. Primary contact name, phone number and email address
 - e. Website address
 - f. Federal tax identification number
 - g. Texas Board of Professional Engineers Firm Registration Number
 - h. Number of years firm in business
 - i. Type of organization(s) (individual, partnership, or corporation)
 - j. Date of organization (month and year)
 - k. Location(s) of business
 - l. Name(s) and date(s) of predecessor organization(s)
 - m. Total number of employees located in Texas office(s) supporting this Program
 - n. Number and type of professionals and corresponding registrations/certifications located in Texas office(s) supporting this Program

6. Experience of the individual lead technical professional(s) (i.e. Project Engineer, Technical Manager, and/or Process Specialist.)
Provide information that clearly demonstrates the experience and capabilities of the individual lead technical professional(s) proposed for this Program including the following.
 - a. Name
 - b. Position/Title within respondent firm
 - c. Role/responsibility for this Program, including availability and time commitment to the Program
 - d. Current location and location during execution of the Program
 - e. Education
 - f. Applicable registration or certification
 - g. Years of experience directly related to the aspects of the water treatment plant for this Program.
 - h. Experience relevant to the specific aspects and anticipated services for the water treatment plant for this Program – Provide summary of experience and qualifications, and detailed descriptions of no more than five (5) recent assignments of similar nature using the following format:
 - 1) Assignment Name/Location/Client
 - 2) Project description including the following.
 - a. Water Treatment Plant size
 - b. Treatment processes
 - c. Raw water quality
 - d. Finished water quality
 - e. Pilot plant and process selection process
 - f. Project delivery method
 - 3) Work/services performed under direct supervision of the individual
 - 4) Key technical challenges and successful solutions identified and implemented by to meet those challenges
 - 5) Completion date of project and/or key deliverables
 - 6) Client contact name, current phone number and email address
 - i. Professional relationships with key representatives of Texas Commission on Environmental Quality and other resource/regulatory agencies whose approval may be required for any activities during the entire planning, design, permitting and construction process.
7. Support Resources
 - a. Name
 - b. Position/Title
 - c. Firm name
 - d. Role/responsibility for this Program

- e. Current location and location during execution of the Program
- f. Education
- g. Applicable registration or certification
- h. Years of experience directly related to the specific aspects and anticipated services for the water treatment plant of this Program
- i. Experience relevant to the specific aspects and anticipated services for the water treatment plant

8. Recent/Current Projects

Provide client contact name, current phone number and email address for all surface water treatment plants in Texas for which the Respondent Firm completed the design within the last 10 calendar years, and the plants for which the Respondent Firm is currently under contract to provide design related services.

9. Approach

Provide approach to the planning, permitting, design, construction and startup of the water treatment plant for this Program.

10. Other Information

Provide other information pertinent to the Program regarding respondent firm and its support resources.

11. Potential Conflicts of Interest

Firms seeking to do business with SJRA are responsible for maintaining compliance with the applicable provisions of Chapter 176, Local Government Code, related to disclosure of conflicts of interest. The Conflict of Interest Questionnaire is available for downloading on the Texas Ethics Commission's website at <http://www.ethics.state.tx.us/forms/CIQ.pdf> and should be submitted to the SJRA under separate cover. The completed Conflict of Interest Questionnaire will be posted on SJRA's website as required by Chapter 176.

D. Equal Employment Opportunity Requirements

The SJRA highly encourages applicants to maintain non-discriminatory practices in their employment programs. This means applicants should not discriminate against any employee or applicant for employment because of race, color, national origin, religion, sex, age, handicap, or political belief or affiliation.

II. GENERAL

- A. This RFQ does not commit SJRA to enter into a contract, nor does it obligate it to pay any costs incurred in the preparation and submission of Qualifications and subsequent discussions, interviews and/or presentations in anticipation of a contract.
- B. SJRA reserves the right to
 1. reject any and all Statements of Qualifications received;
 2. cancel the entire RFQ;
 3. remedy technical errors in the RFQ process;
 4. negotiate with any, all, or none of the respondents to the RFQ;
 5. waive informalities and irregularities; and
 6. modify the selection process.
- C. SJRA retains the right to contract directly with design consultants, surveyors, geotechnical consultants, materials testing firms, real estate acquisition, public information and other specialty consultants.
- D. SJRA retains the right to select, approve or disapprove all subconsultants.

Exhibit 'A'

Insurance Requirements

1. Commencing on the date of the Contract, the Water Treatment Plant Consultant shall, at its own expense obtain and maintain, throughout the term of the Agreement, insurance of the types and in the minimum amounts set forth below. SJRA reserves the right to revise the types and minimum amounts.
2. The selected Water Treatment Plant Consultant shall furnish certificates of insurance to the SJRA evidencing compliance with the insurance requirements hereof during contract negotiations. Certificates shall indicate name of the Water Treatment Plant Consultant, name of insurance company, policy number, term of coverage, and limits of coverage. The Water Treatment Plant Consultant shall cause its insurance companies to provide the SJRA with at least 30 days' prior written notice of any reduction in the limit of liability by endorsement of the policy, cancellation, or non-renewal of the insurance coverage required under this Agreement. The Water Treatment Plant Consultant shall obtain such insurance from such companies having an A.M. Best rating of B+/VII or A/VIII or better, licensed or approved to transact business in the state in which the Services shall be performed, and shall obtain such insurance of the following types and minimum limits:
 - a. Workers' Compensation insurance in accordance with the laws of the State of Texas and Employer's Liability coverage with a limit of not less than \$500,000 each employee for Occupational Disease; \$500,000 policy limit for Occupational Disease; and Employer's Liability of \$500,000 each accident.
 - b. Commercial General Liability insurance including coverage for Products/ Completed Operations, Blanket Contractual, Contractors' Protective Liability, Broad Form Property Damage, Personal Injury/Advertising Liability, and Bodily Injury and Property Damage with limits of not less than:
 - General aggregate limit
\$2,000,000
 - Each occurrence, combined single limit
\$1,000,000
 - Aggregate products, combined single limit
\$2,000,000
 - Aggregate personal injury/advertising liability
\$2,000,000

Fire legal liability
\$100,000

- c. Business Automobile Liability coverage applying to owned, non-owned and hired automobiles with limits not less than \$1,000,000 each occurrence combined single limit for Bodily Injury and Property Damage combined.
 - d. Umbrella Excess Liability insurance written as excess of Employer's Liability, Commercial General Liability, and Business Automobile Liability, with limits not less than \$10,000,000 each occurrence combined single limit.
 - e. Professional Liability insurance with limits not less than \$2,000,000 each claim with an annual aggregate of \$4,000,000.
3. The SJRA and the SJRA's Board of Directors, management, agents and employees shall be added as additional insureds to all coverages required above, except for those requirements in paragraphs "a" and "e." All policies written on behalf of the Water Treatment Plant Consultant shall contain a waiver of subrogation in favor of the SJRA and the SJRA's agents and employees, with the exception of insurance required under paragraph "e."