

Dos Rios WRC Chlorine System Improvements

Ila E. Drzymala, Ph.D., PE

SAWS Engineer

July 6, 2017

Non-mandatory Pre-submittal Conference



Disclaimer

- **Oral statements or discussion during the pre-proposal meeting will not be binding, nor will it change or affect the terms or conditions of the Contract. Changes to the RFQ, if any, will be addressed in writing only via Addendum.**
- This presentation only paraphrases the RFQ, and is for informational purposes only.
- Prospective Proposers should refer to the RFQ for full details.

Communication Reminders

- Upon release of RFQ until award of contract, no RFQ-related communication with SAWS at any level
- This includes phone calls, emails, letter, or any direct or indirect discussion of RFQ

SAWS Point of Contact and Submittal

Must be in writing; email to:

Jessica Goforth

Contract Administration Department

Jessica.Goforth@saws.org

Submit pdf of your Statement “electronically” at:

contracting@saws.org

[Subject Line: PS-00043 SOQ Response](#)

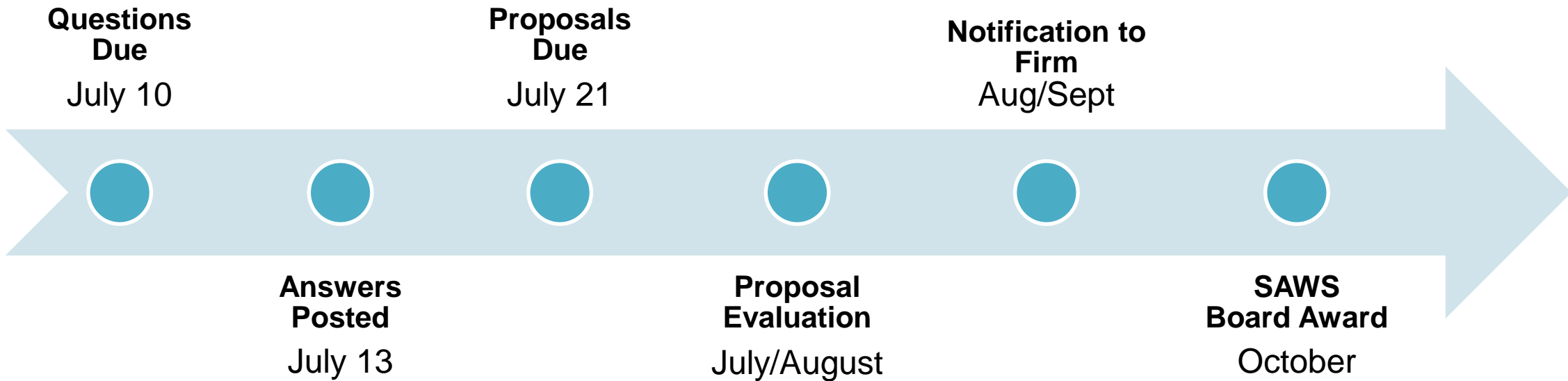
RFQ Objective

- The San Antonio Water System (SAWS) is pursuing professional consulting services and accepting statements of qualifications from qualified consultants or consulting firms for the design of the Dos Rios Water Recycling Center (WRC) Chlorine System Improvements project. The selected consultant or consulting firm will provide preliminary engineering, design, bid and construction phase services for the improvements to the Disinfection Building at the Dos Rios WRC.

RFQ Process

- Qualification statements received
- Contracting review for responsiveness
- Technical Evaluation Committee to score each statement
- Good Faith Effort Plan to be scored
- Selection Committee review of recommended statement/firm
- Interviews (if deemed necessary)
- Negotiation
- Board Award

RFQ Schedule (Released on June 26, 2017)



Scoring Criteria

• Project Team, Resumes and Qualifications	35 pts
• Experience in Similar Projects	30 pts
• Project Approach	20 pts
• SMWVB Participation	15 pts
Total:	100 pts

Scoring Criteria

- Project Team, Resumes and Qualifications
 - Organizational chart (define individual roles)
 - Resumes (emphasize experience relevant to project)
 - Sub-consultants (managers, company role/responsibility)
 - Any additional “shining” skills, qualifications, experience, etc.
 - Team member availability matrix (be realistic)

Scoring Criteria

- Experience in Similar Projects
 - At least 3 projects in last 10 years with similar scope with SAWS, especially in SA and/or TX. Select projects in which proposed team members' were involved together. Include:
 - Name of client / location (city and state)
 - Year, duration of assignment
 - Description
 - Schedule, budget, major challenges / issues, solutions offered
 - Respondent's role, team members' roles
 - Reference contact - name / title / phone/ email (verify)

Scoring Criteria

- Project Approach
 - Your firm's approach to technically execute the project; be innovative and realistic
 - Provide answers to:
 - How familiar are you with SAWS facilities
 - Leadership, communication within proposed team / sub-consultants
 - Understanding and addressing of project related issues
 - Possible difficulties in completing the project; propose solutions
 - Responsiveness, attention to detail, follow through
 - Specific QC / Risk Management

Scoring Criteria

SMWVB Updates

- Firms must have an office in the local area.
- Firms must have Small Business Enterprise (SBE) Certification to be counted for SMWVB Points (even Minority and Woman-owned firms).
- Firms must be certified by the South Central Texas Regional Certification Agency or the State of Texas Historically Underutilized Business (HUB) Program.
- Please contact the SMWVB Program Manager at Marisol.Robles@saws.org for assistance with finding certified subconsultants.

Response Format

- Submittal: Electronic
- Response: 15 page limit
 - Maximum one 11"x17" sheet; it will count toward page limit
 - Cover, forms, tabs do not count toward page limit

Project Budget and Duration

- Budget: \$500,000 D / \$5,000,000 C
- Design Phase Durations:
 - Phase A (30%) Design 60 days
 - Phase B (70%) Design 90 days
 - Final Design 60 days
 - Bid Phase 90 – 120 days
 - Construction Phase 12 months (to be verified by Consultant)

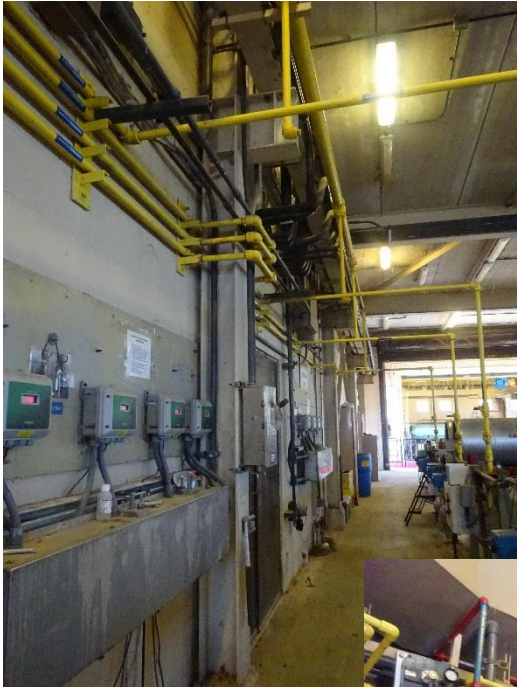
Disinfection Facility

- Constructed in 1984
- Expanded in 1992
- Improved in 2010
 - enclosure of chlorine and sulfur dioxide storage and feed rooms
 - installation of an emergency scrubber system
 - upgrade of monitoring and alarm systems, scales and HVAC

Disinfection Facility



Disinfection Facility



Scope

- Replacement of rolling tarp in chlorine and sulfur dioxide cylinder storage area with a rolling tarp without windows.
- Replacement of all corroded chlorination and de-chlorination piping, filters, valves and regulators.
- Replacement of existing analog scales with digital scales for single cylinders.
- Ability to run the cylinders on a single header.

Scope

- Installation of a heating system in sulfur dioxide storage area.
- Expansion of sulfur dioxide evaporator room or options to replace existing evaporators with much smaller (glycol) evaporators to optimize space.
- Replacement of outdated equipment (chlorinators, evaporators, controls, etc.) as necessary.
- Replacement of piping and valves from Disinfection Building to Chlorine Contact Basins.

Scope

- Replacement of Disinfection Building roof.
- Replacement of vent piping to allow troubleshooting/maintenance.
- Other necessary modifications and upgrades identified by Consultant to provide for an up-to-date disinfection facility that is in compliance with latest rules and regulations.

Questions

Next: Site Visit (Non-mandatory)

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