

Water Resources Integration Program, Phase I: Construction Manager and Inspection Services

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April 17, 2013

Pre-submittal Meeting



Pre-Submittal Topics

- SMWB Requirements
- WRIP Overview
- Scope of Services Overview
- Additional Requirements
- Key Elements of the Solicitation
- Scoring Criteria
- Evaluation Process
- Submittal Packet
- Key Dates
- Submission Due Date
- Communication Reminders
- Technical Questions

SMWB Requirements

25% Aspirational Goal for Professional Services Contracts

- **SMWB Certification accepted from the following entities:**
 - South Central Texas Regional Certification Agency
 - Texas H.U.B.
 - Federal (System for Award Management, aka “SAM”)

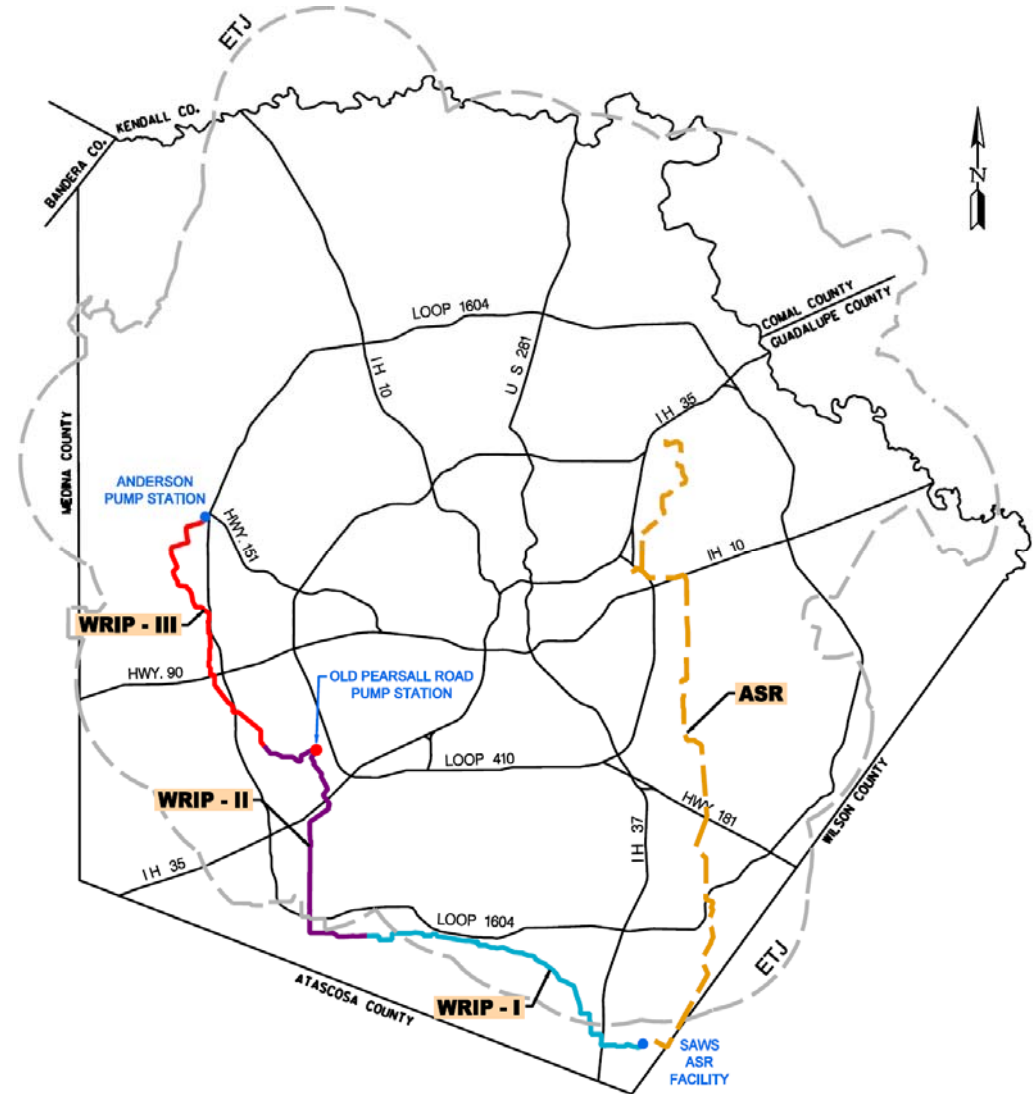
- **RFQ Scoring:**
 - Minority and Women Owned Firms primes
 - Awarded 15 points
 - Small Business Enterprises (SBEs) primes
 - Award 5 points plus,
 - Subcontractor SMWB % participation X 20
 - Maximum of 10 points
 - Non-SMWB primes
 - Subcontractor SMWB % participation X 20
 - Maximum of 10 points

WRIP Overview

Site Plan and Sources

Water Sources:

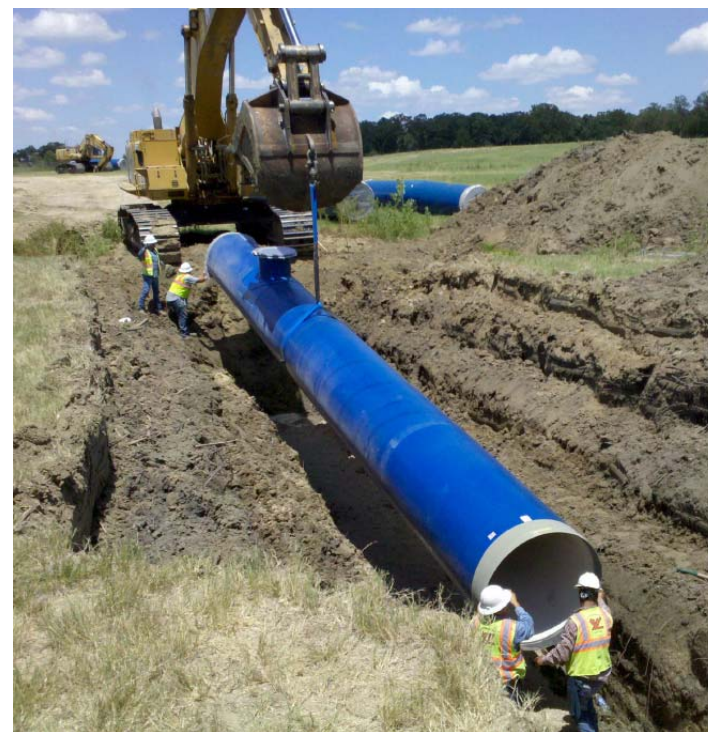
1. Brackish Groundwater Desalination Facility (Wilcox Aquifer)
2. Local Carrizo Wells (Carrizo Aquifer)
3. Expanded Carrizo Wells (Carrizo Aquifer)
4. ASR Facility (Edwards Aquifer)



WRIP Overview

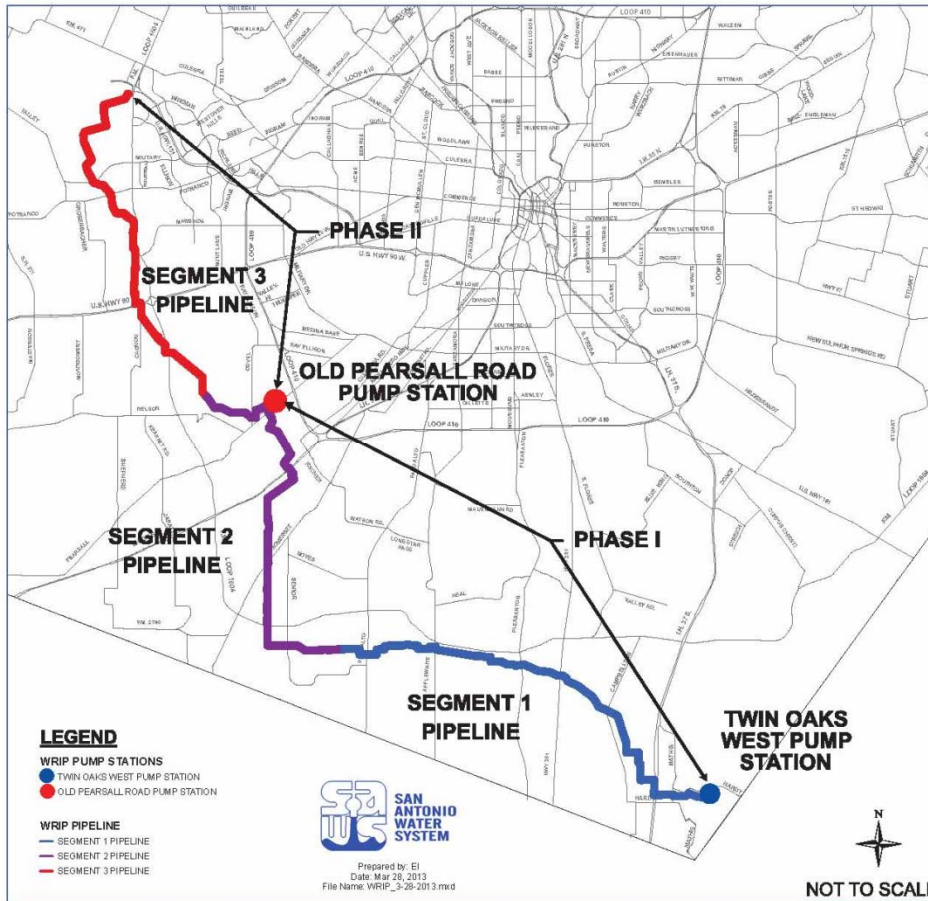
Program Elements

- 45 miles of polyurethane-coated steel pipe
- Two pump stations
- Ultimate flow of 75 MGD
- Bidirectional flow
- Active cathodic protection system
- 183 easements
- Designed using TWDB funds
- Construction divided into two phases:
 - **Phase I: bid in 2014, online 2016**
 - Phase II: bid in 2020, online 2021



WRIP Overview

Construction Phasing



Phase I:

- Six bid packages staggered throughout 2014
 - Segment 1 - two bid packages
 - Segment 2 - two bid packages
 - Twin Oaks West PS - one bid package
 - Old Pearsall Road PS - one bid package
- 28 miles of 60" or 66" pipe
- 50 MGD flow
- Possible TWDB funding
- About 100 permanent easements for Phase I

WRIP Overview

Design

- Design engineers (DEs):
 1. Segment 1 Pipeline – Pape-Dawson Consulting Engineers
 2. Segment 2 Pipeline – Civil Engineering Consultants
 3. Segment 3 Pipeline – Freese and Nichols, Inc.
 4. Pump Stations – Black & Veatch Corporation
- Design “on hold” at 90% while environmental clearance and easements are pursued
- Reengaging designers to complete Phase I engineering by February 2014

CM will coordinate with and complement DE scopes

WRIP Overview

Schedule & Budget



- Entire Phase I system must be complete and ready to move water by February 2016
- Phase I construction cost: \$100M to \$120M
- Estimated budget for Phase I CM and Inspection Services: \$2.5 M

Scope of Services Overview

Pre-Construction Services

- Constructability reviews & design meetings
- Program-wide schedule
- Testing & CM Plan

Project Support Services

- Act as official SAWS liaison with contractors
- Identify potential conflicts and solutions
- Progress meetings
- Coordinate contract document interpretations/reviews of RFIs, RFPs and COs with DEs and SAWS
- Coordinate with property owners as needed
- Develop and track construction deficiencies
- Maintain hard and electronic files

Scope of Services Overview

Submittal Administration & Review

- Work with DEs and SAWS to identify who will review each submittal
- Manage and track submittal process; review as necessary
- Coordinate with contractor regarding submittals

Inspection

- Provide full-time field inspection and documentation
- Ensure all work meets SAWS/QC standards and contract docs
- Provide tech support to resolve questions, conflicts, ambiguities and/or changed site conditions
- Review and track contractor's schedule

If schedule slips, identify and implement ways to maintain it!

Scope of Services Overview

Start-up Assistance - Evaluate equipment performance and make recommendations

O&M Manual - Review and comment

Start-up Plan - Provide start-up and testing plan for each project and overall system and direct execution of plan

Training - Ensure training is conducted

Commissioning Plan - Develop a commissioning plan and direct execution of the plan

Project Performance - Submit a report that presents performance and certifies system meets design criteria

Additional Requirements

Qualifications

- CM and key staff expected to reside locally and maintain an onsite presence
- Respondent must show minimum of 5 years of previous similar experience
- At least one member shall be a TX PE
- DEs are not eligible to submit an SOQ as a prime or subconsultant, however:

DE subconsultants *can* submit

Key Elements of the Solicitation

- Scoring Criteria
- Evaluation Process
- Submittal packet preparation and reminders
- Key dates
- Communication Reminders
- Submittal due date
- Questions

Scoring Criteria

Project Approach	30 points
Project Team	20 points
Comparable Experience	20 points
Quality Assurance/Control	15 points
Adherence to Affirmative Action and Small, Minority and Woman Business (SMWB) participation (Good Faith Effort Plan)	15 points
TOTAL	100 points

Evaluation Process

- Qualification statements are received
- Contracting reviews for responsiveness
- Technical Evaluation Committee will score qualification statements
- Good Faith Effort Plan will be scored
- Selection Committee reviews and recommends
- Board Award

Submittal Packet

- **Project Approach** - narrative format
- **Project Team** - narrative format
 - **Organizational Chart** with key staff identified to include:
 - Lead Construction Manager
 - Administrative Support
 - Senior Inspector
 - Resident Field Inspectors
 - Operations Specialist, and
 - Commission CM
 - **Resumes** (no more than 1 page each)
- **Comparable Experience** -5 relevant projects of similar size and scope within the last 10 years
 - Include references with valid contact information
- **Quality Assurance/Control**
 - Include a Sample Inspection Report - maximum of 4 pages

Submittal Packet

Continued

- Submittal Response Checklist
- Respondent Questionnaire
 - Also allows for the Acknowledgement of Security Procedures, Addendums, and Contract Terms and Conditions
- W-9
- Insurance Certificate and Commitment Letter from Agent
- Good Faith Effort Plan
- Conflict of Interest Questionnaire
- Texas Public Information Act Requirements and Release Form
- CD

Submittal Packet Helpful Reminders

- Maximize points by addressing all required items requested in the RFQ
 - Be very specific in responses and avoid “boiler plate” responses when possible
 - Highlight areas that are unique to your firm
 - Contact the SMWB Program Manager for assistance
- Utilize the Submittal Checklist
- Responses are limited to 65 pages (required forms do not count – nor do tab dividers)

Key Dates

- April 18, 2013 by 4:00 p.m. CT **Receipt of Written Questions Due**
- April 23, 2013 by 4:00 p.m. CT **Q & A Posted to Website**
- May 1, 2013 by 2:00 p.m. CT **Proposals Due**
- May 2, 2013- May 15, 2013 **Proposals Evaluated**
- May 17, 2013 **Interviews, if necessary**
- May 20, 2013 **Selected Firm Notified**
- May 21, 2013 **Negotiations**
- July 2, 2013 **SAWS Board Approval and Award**
- July 16, 2013 **Start Work**

Submission Due Date

- Response due by 2:00 p.m. CT on Wednesday, May 1, 2013
- Follow specific delivery instructions
 - Deliver to 2800 U.S. Highway 281 North, Suite 171, Customer Service Building
 - Make arrangements if mailing a response
 - Late responses will not be accepted and will be returned unopened

Communication Reminders

- Upon the release of the RFQ until the contract is awarded, there shouldn't be any communication with:
 - SAWS Project Engineer
 - SAWS Project Manager, or
 - the consultant design engineers for the WRIP
- This includes phone calls, emails, letter, or any direct or indirect discussion of the RFQ

Technical Questions

- Should be submitted no later than April 18, 2013 at 4:00 p.m. CT
- Must be in writing, by email or fax to:

Diana Dwyer

Contract Administration Department

San Antonio Water System

ddwyer@saws.org

Fax No.: 210.233.5218

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