



CENTRAL UTAH WATER CONSERVANCY DISTRICT

November 16, 2016

TUNNEL CONTRACTOR
PREQUALIFICATION REQUIREMENTS
SPANISH FORK SANTAQUIN PIPELINE
Utah County, Utah

Utah Lake Drainage Basin Water Delivery System



TUNNEL CONTRACTOR PREQUALIFICATION REQUIREMENTS

For the

SPANISH FORK SANTAQUIN PIPELINE

General

The Spanish Fork Santaquin Pipeline is an approximately 17.5 mile pipeline with approximately six (6) reaches, although only the initial and ending reaches may contain tunnel work. This packet is to prequalify tunnel contractors for all six reaches which will include welded steel pipe up to 60 inches in diameter, cement lined with tape and mortar coating, major flow control structures, water delivery turnout connections to secondary systems of cities in south Utah County, two or more railroad crossings, crossings of State highways, crossing of the Spanish Fork River, street excavation and restoration, utility relocations, and appurtenant pipeline facilities. The initial reach of the Spanish Fork Santaquin Pipeline, the Spanish Fork Reach will include two tunnels of Union Pacific railroads and is planned to be bid in early 2017.

The Central Utah Water Conservancy District (District) requests tunnel contractor prequalification statements for construction of the Spanish Fork Santaquin Pipeline. This document describes the requirements for prequalification of tunnel contractors. The submittal requirements for prequalification statement and the evaluation criteria are included. A list of prequalified tunnel contractors will be provided to the prequalified general contractors and only prequalified tunnel contractors may be used by the general contractors to submit a Bid.

Purpose

The purpose of the prequalification process is to select those tunnel contractors the District deems to be qualified and capable of completing the Project in conformance with the Contract Documents.

A separate Notice of Prequalification for general contractors has been issued simultaneously with this notice. General contractors will only be able to list and include prequalified tunnel contractors in their Bids. Subcontractors (to the general contractors and tunnel contractors), trades, suppliers, and manufacturers will not require formal prequalification. However, the general and tunnel contractors shall not accept quotes, proposals, or sub-bids from any subcontractors, suppliers, or manufacturers that are not qualified to provide the service or supplies proposed. General Contractors are encouraged to inform any prospective subcontractors, suppliers, or manufacturers about proper qualification procedures.

Selection as a tunnel prequalified contractor does not imply District's acceptance or approval of the contractor's specific personnel, suppliers, manufacturers, equipment or methods, whether or not these items are described in the contractor's prequalification statement.

Project Description

The Spanish Fork Santaquin Pipeline is being constructed by the Central Utah Water Conservancy District as part of the Utah Lake Drainage Basin Water Delivery System (ULS) of the Central Utah Project Completion Act (CUPCA). A map attached to this prequalification packet shows the alignment of the Spanish Fork Santaquin Pipeline that will pass through the cities of Spanish Fork, Salem, Payson and Santaquin. The map shows that the 17.5 mile long

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pipeline may be segregated into approximately six reaches known as the Spanish Fork Reach, the South Fields Reach, the Salem Reach, the Payson Reach, the Spring Lake Reach and the Santaquin Reach.

The tunnel construction work for the Spanish Fork Santaquin Pipeline, in general, may consist of the following elements:

- Jacking approximately 120 feet of one-inch thick, 72-inch casing under the Union Pacific Railroad adjacent to US Highway 89 near the mouth of Spanish Fork Canyon (Spanish Fork Reach of the Spanish Fork Santaquin Pipeline).
- Jacking approximately 115 feet of one-inch thick, 72-inch casing under the Union Pacific Railroad adjacent to US Highway 6 near Moark Junction near the mouth of Spanish Fork Canyon (Spanish Fork Reach of the Spanish Fork Santaquin Pipeline).
- Jacked, tunneled or bore crossings (if any) up to 84-inch diameter for other subsequent reaches of the Spanish Fork Santaquin Pipeline across facilities of the Utah Department of Transportation, Union Pacific Railroad, or at other locations.
- Subsurface ground conditions at the tunneled crossings are anticipated to encounter poorly graded Gravel with Sand (GP), Gravel with Silt and Sand (GP-GM), and Silty Gravel with Sand (GM). Perched ground water is also anticipated to be encountered at the tunneled crossings.

Field construction work for the Spanish Fork Reach which contains two tunnel crossings of railroads is expected to begin in July 2017 and is to be completed by June 2018.

Familiarity with Project

The 95 percent draft design drawings in PDF file format are available as part of this prequalification information packet for the initial Spanish Fork Reach Pipeline and are available for review by interested contractors at the office of the Construction Manager:

Chris Hansen, P.E.
Construction Manager
Central Utah Water Conservancy District
355 West University Parkway
Orem, Utah 84058-7303
Phone: (801) 226-7140
FAX: (801) 226-7150
e-mail: chrish@cuwcd.com

The 95 percent drawings are available for review on the District's webpage. A direct link to the drawings is: <http://cuwcd.com/assets/documents/Bids/spanishForkReach95Drawings.pdf>. Contractors are advised that technical and contractual changes to the preliminary concepts are anticipated prior to bidding. Prequalification will not exempt a contractor from meeting any of the requirements of the Contract Documents. The contractor's prequalification statement is not part of the Contract Documents.

A mandatory pre-bid conference for prequalified bidders and site visit for the Spanish Fork Santaquin Pipeline – Spanish Fork Reach for interested contractors is tentatively scheduled for **10:00 am on Tuesday, February 21, 2017**, in the Board Room, Central Utah Water

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Conservancy District, Orem, Utah. Following the pre-bid conference, a mandatory site visit will be held at the project site. Contractors should refer to the Notice Inviting Bids notice to confirm the pre-bid conference date and details.

Submittal Procedure

Prequalification statements will be received at the following address, until 4:00 pm, Wednesday, December 21, 2016.

Office of the Construction Manager
SPANISH FORK SANTAQUIN PIPELINE
Central Utah Water Conservancy District
355 West University Parkway
Orem, Utah 84058-7303

Two (2) copies of the tunneling contractor's prequalification statement shall be submitted. Any prequalification statement failing to clearly present all the requested information or failing to be in the requested format may be considered nonresponsive and rejected.

Information contained in the prequalification statement will be considered confidential and reasonable precautions will be taken to protect the security of the documents. The prequalification statement will become and remain the property of the District.

The District reserves the right to request a contractor to clarify any part of his prequalification statement. Response to such requests must be made in writing and will become part of the prequalification statement. Unsolicited supplementary information and materials received after the deadline will not be considered in the evaluation.

Tentative Schedule – Spanish Fork Reach Project

The following is a preliminary schedule for the Spanish Fork Reach Pipeline and is subject to change:

Prequalification Packets Available for Pickup: Tuesday, November 15, 2016
Prequalification Packets Due to the District: 4:00 pm, Wednesday, December 21, 2016
Prequalified Contractors Notified: Thursday, January 5, 2017
Bid Documents Available: Tuesday, January 17, 2017
Pre-bid Conference and Site Visit: 10:00 am, Wednesday, February 1, 2017
Bid Opening: 10:00 am, Tuesday, February 21, 2017
Board of Trustees Approve Award: Wednesday, February 22, 2017
DOI Concurrence to Award: Thursday, February 23, 2017
Notice to Proceed – Materials: Tuesday, March 14, 2017
Preconstruction Meeting: TBD
Notice to Proceed – Field Construction: Wednesday, July 12, 2017
Construction Complete: Friday, June 30, 2018

Content of Prequalification Statement

The prequalification statement shall include the information requested below. The organization of the prequalification statement shall generally follow the outline below:

1. Title page
2. Contractor Prequalification Statement
3. Personnel and Qualifications
4. Previous Project Experience
5. Financial Information
6. Safety Program

Title Page

The title page shall identify the document as a prequalification statement and shall include the name of the Owner, the name of the Project and the name of the contractor.

Contractor Questionnaire

The tunneling contractor shall complete and sign the attached Contractor Questionnaire and include it with the prequalification statement.

Personnel and Qualifications

Present information which will identify key personnel who will be assigned to the project, including project manager, project engineer, and project superintendents.

Describe the background and experience of each of these individuals. Provide detailed resumes for the project manager, project engineer, and project superintendent(s).

Describe the approach to scheduling and accomplishing the work. Identify which major trade work (i.e. structural, mechanical, electrical, earthwork) will be completed by the contractor's forces and which will be performed by subcontractors.

Previous Project Experience

1. Describe past experience showing satisfactory completion or progress on work of similar complexity and comparable in scope to that described with regard to both the tunneled crossings. Demonstrate ten years recent experience in tunneling and trenchless construction projects. Demonstrate ten years of recent experience and the completion of three similar tunneling projects using pipe ramming and augur boring of jacked welded steel pipe casings at least 60 inches in diameter or larger with minimum 120 foot length crossings. Provide the following information: Project name, contract award date and completion date, Owner's name with contact and phone number, bid amount, final amount, number or change orders, prime contractor/subcontractor status and approximate amount of involvement, geologic conditions, pipeline type, length, diameter, and method of excavation and equipment used. (see Attachment A for suggested format).
2. The proposed project manager assigned to the project should demonstrate at least ten (10) years of experience in the construction of trenchless tunneled crossings. Submit the name and resume of the project manager who will be assigned to the project. The resume should provide a detailed experience summary including the following: the name of each project, description of project, position held, employer, responsibilities,

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and a reference and phone number of all tunneled construction assignments in the last five years. Submit the name, resume, and experience summary of an alternate project manager who will be assigned to the project in the event the proposed project manager becomes unavailable for this assignment. The alternate project manager must satisfy the above experience requirements. Submit similar information on the following individuals: Project Engineer (min. five years), and Tunneling Superintendent (min. five years). These individuals will be evaluated on the basis of technical experience, managerial experience, and education.

3. List any work awarded within the past ten years but not completed and the reasons for not completing the work.
4. Submit a bonding record or show proof of adequate bonding ability. Prospective bidders should demonstrate bonding ability for five consecutive years prior to submission of this prequalification statement. Indicate whether the contractor has been refused surety, bond, or liability insurance within the past ten (10) years and explain.

Financial Information

Submit a certified financial statement for the contractor's most recent accounting period. Submit a letter from contractor's surety company specifying contractor's total bonding capacity and current unused bonding capacity. Submit additional references and information sufficiently comprehensive to permit an appraisal of contractor's current financial condition.

Listing of Contractor and Company Principals

Submit as part of the Prequalification Statement a listing of the contractor's name and Utah contractor's license number, together with a complete list of all company principals and addresses.

Safety Program

Submit a summary and describe the Contractors safety program and performance for the last 4 years. Include the Proposer's Experience Modification Rate (EMR) and the U.S. Occupational Safety and Health Administration (OSHA) reportable accident rate for the last 4 years, and the most recent OSHA Form 300.

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Evaluation of Prequalification Statements

Prequalification statements will be evaluated based on the following criteria:

- Personnel and qualifications
- Previous project experience
- Financial condition
- Safety Program

Qualified contractors must meet the following minimum criteria:

- Contractor shall hold a current contractor's license in the State of Utah in a classification appropriate to this Project.
- Contractor shall have \$5 million available bonding capacity.
- Contractor shall have significant experience in the construction of trenchless crossing with jacked casing pipelines 60 inches and greater in diameter.
- Contractor's tunneling superintendent(s) shall have at least 5 years experience and shall have been superintendent on the construction of at least one large similar tunneling project.

Meeting the minimum criteria above does not automatically qualify the Contractor. The District will evaluate all proposals and reserves the right to select the most qualified Contractors. The District shall be entitled to contact each and every reference listed by the contractor. The contractor, by submitting a prequalification statement, expressly agrees that any information concerning the contractor in possession of said entities and references may be made available to the District.

Notification of Prequalified Tunnel Contractors

All tunnel contractors submitting prequalification statements will be notified in writing if they did or did not prequalify. A brief explanation of reasons for not prequalifying will be provided to the unsuccessful contractors. Only tunnel contractors who are prequalified will be listed as eligible for selection and use by the general contractor bidding on the pipeline reaches. **The District's decision will be final.**

CONTRACTOR QUESTIONNAIRE
SPANISH FORK SANTAQUIN PIPELINE

Complete the following information and submit this form with the prequalification statement.

1. Contractor's name:

2. Business address:

3. Phone number: _____ 4. Fax number: _____
4. Firm type: Corporation Partnership Individual Joint Venture
5. Number of years the organization has been in business as a contractor under present business name (10 year minimum required):
6. List the full names, titles and addresses of key individuals and/or officers of the firm:

7. Number of permanent office and support employees _____
Number of permanent field employees _____
8. How long has company been doing work similar to proposed project? _____
9. Contractor License(s).
List on a separate page: the status or trade categories in which your organization is legally qualified to do business, including applicable contractor license number, expiration date, state(s) in which licensed, name on license.
10. Contractor's Bonding Company (agent's name, address, telephone number):

11. Contractor's Bank or Financial Institution (name, address, telephone number and contact-person):

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12. Contractor's Insurance Company (agent's name, address, telephone number):

13. Has the contractor, or any of its parents or subsidiaries, ever had a bankruptcy petition filed in its name, voluntarily or involuntarily? _____
If yes, specify date, circumstances, resolution and other details on a separate page.

14. Are there any unresolved claims or disputes on any work awarded to the contractor during the past five years? _____
If yes, give owner's name and details on a separate page.

15. Has any officer or partner in the contractor's organization ever been an officer or partner of some other organization, or in any way undertaken a construction contract that was not completed? _____ If yes, state the name of the individual, the project, the owner's name and reasons it was not completed, on a separate page.

16. Does the contractor maintain a permanent safety program? _____
If yes, attach a copy of the program. Submit the contractor's EMR and OSHA reportable accident rate for the last 4 years, and the most recent OSHA Form 300.

17. Does the contractor have a formal quality assurance program? _____
If yes, attach a copy of the program.

18. Is the contractor familiar with the National Environmental Policy Act? _____

19. Is the contractor or any of its principals presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in any program or project which is 100% or partially funded with federal funds? _____

I hereby warrant that the information presented in this prequalification statement is true; accurate and complete.

By: _____

Title: _____

Date: _____

Attachment A

Project Experience summary

Project name, location, and description:

Trenchless Tunneled Crossing length and finished inside diameter:

Trenchless Tunneling and excavation methods and equipment utilized:

Geologic conditions:

Type of carrier pipeline installed inside of casing:

Percent Work Performed by Prime: _____ Number of Change Orders: _____

Date bid: _____ Date completed: _____

Contract bid price: _____ Contract final price: _____

Contract duration at bid: _____ Contract duration at acceptance: _____

Name and telephone number of the Owner's Contact Person:

Attachment B

Contractor References

Project Name	Owner/Agency	Contact Person and Telephone No.	Tunnel Diameter and Length	Soil Conditions and Trenchless Method Used	Contractor's Project Manager	Date Completed	Litigation or Unresolved Claims* (Yes or No)
1.							
2.							
3.							
4.							
5.							

* If yes, provide explanation on separate page.