

INVITATION TO BID
FOR
WELL DRILLING SERVICES

February 5, 2020

Key Dates:

Pre-Bid Conference – February 19, 2020
Bids Due – March 4, 2020

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I. Introduction

Title: Well Drilling Services

Issuing Agency, Address and Contact:

Department of Energy and Environmental Protection (DEEP)

Bureau of Central Services

Engineering & Field Support Services Division

Engineering Unit

163 Great Hill Road

Portland, Connecticut 06480

Attention: Andrea Lane, Environmental Compliance Specialist 1

Phone: (860) 424-4118/ Fax: (860) 344-2560

Locations:

Salt Rock Campground – 120 Scotland Road, Sprague, CT 06330

Purpose:

The purpose of this Invitation to Bid (ITB) is to solicit a bid for well drilling services from a licensed well driller in the State of Connecticut for the addition of two drilled wells to the existing Transient Non-Community Public Water System serving the subject location. The contractor shall possess no less than 10 years of experience and be regularly engaged in the design, construction and installation of water supply wells and water systems in the northeastern United States.

Background:

The existing water system consists of one 6 inch drilled well that pumps at 3 to 4 gpm. The well does not meet the peak demands at the campground, even with the 3,000 gallon storage tank located within a wellhouse directly adjacent to the well. The addition of two new drilled wells to the current water system will work to meet the campgrounds peak demands.

Please see **Section II – Project Scope** for more specific information.

Attachments: Standard Specifications for Agency-Owned Buildings, Facilities and other Infrastructure, aerial map of Salt Rock Campground and aerial map of existing well #1 with proposed sites for wells # 2 and 3.

II. Project Scope

The selected contractor will be required to drill two new water supply wells for the subject property in a location identified by DEEP. The new wells shall be 6 inch drilled wells fitted with watertight well caps and pitless adapters.

The wells shall be developed in compliance with the Regulations of Connecticut State Agencies (RCSA) Sections 25-128, 19-13-B51 (a-m) and 19-13-B102.

The base bid for this ITB will be for two 500 foot wells; a unit cost per linear foot shall be provided beyond the 500 foot depth. The base bid shall include a total of 32 feet of 6 inch diameter steel casing, 16 feet for each well; a unit cost per linear foot shall be provided beyond the 32 foot casing length. The base bid shall include the installation of two submersible well pumps with associated appurtenances and trenching to facilitate the connection of the well discharge and electrical connection to the existing wellhouse and water system. The submersible well pump shall be manufactured by Gould's or Grundfos and be 4-wire pumps with separate control boxes. The scope of work also includes the installation of necessary controls within the wellhouse to operate all three wells in an alternating, lead/lag configuration. All wells shall have individual on/off and auto switches and Pumptec pump protectors. Each well discharge line shall be provided with an instantaneous/totalizing flow meter, raw water sampling tap and isolation valve. Controls shall be in integrated with existing water system controls.

The watertight wellcaps and pitless adapters shall be from the American Granby Inc., Campbell Manufacturing, LLC or Baker Manufacturing Company, LLC. The pitless adapters shall be installed such to create a watertight seal to the well casing; the well casing shall be drilled rather than torch cut.

The contractor shall only use manufacturers as specified in the DEEP "Standard Specifications for Agency-Owned Buildings, Facilities and Other Infrastructure" where applicable.

The contractor shall collect total coliform bacteria, basic sanitary chemical and volatile organic chemicals samples from each well and complete a 24 hour safe yield test on all three wells simultaneously with a 12 hour stabilized drawdown to conclude the yield test per the RCSA Section 19-13-B51k(b).

III. Bid Requirements

Project Approach:

The contractor shall clearly outline the firm's understanding of the project including planning, design, and other stages as required.

Experience and References:

The contractor shall demonstrate experience with projects similar in scope and adhering to all the quality assurance and qualification requirements of this ITB. Include specific references with contact information.

The contractor shall be licensed for water supply well drilling in Connecticut and be fully insured for completing such work.

Time and Cost:

Provide detailed cost and time breakdown based on **Section II Project Scope**. Provide a timeline/schedule for the work items in the **Section II Project Scope**. Include three (3) weeks review time for each submittal.

IV. Bid and Selection Process

All submissions to the ITB for Well Drilling Services must be in the possession of the DEEP Engineering Unit no later than March 4, 2020.

No submissions will be accepted after this date and time.

Method of Evaluation:

An evaluation panel composed of DEEP representatives will review the bid submittals. The criteria requested under **Section III Bid Requirements** will be used to evaluate the submittals.

Interviews, if required, will be held on a mutually agreed upon date. Candidates must be represented in interviews by managers and senior staff that will be responsible for the project, if applicable.

Upon selection of a contractor, a Purchase Order and Project Agreement outlining roles and responsibilities, financial terms and other conditions shall be negotiated between the selected contractor and the DEEP.

The following represents the timeline for the ITB and the final selection of the contractor for this work:

ITB and Selection Timeline:

ITB Formally Announced	February 5, 2020
Pre-Bid Conference at 120 Scotland Road, Sprague, CT	February 19, 2020 at 9:00 AM local time
Bids Due at 163 Great Hill Road, Portland, CT	March 4, 2020 no later than 2:00 PM local time

V. General Conditions

All bidders shall be willing to adhere to the following conditions and shall positively state this in the bid:

1. All bids in response to this Invitation to Bid are to be the property of the DEEP. All materials associated with this procurement process are subject to the terms of state laws defining freedom of information and privacy and all rules, regulations and interpretations resulting from those laws.
2. Any product, whether acceptable or unacceptable, developed under a contract awarded as a result of the ITB is to be the sole property of the DEEP.
3. Timing and sequence of events resulting from this ITB will ultimately be determined by the DEEP.
4. The bidder agrees that the bid will remain valid for a period of 90 days after the closing date for the submission and may be extended beyond that time by mutual agreement.

5. The DEEP may amend or cancel this ITB, prior to the due date and time, if the DEEP deems it to be necessary, appropriate or otherwise in the best interests of the DEEP. Failure to acknowledge receipt of amendments, in accordance with the instructions contained in the amendments, may result in a firm's bid not being considered.
6. The bidder must certify that the personnel identified in its response to this ITB will be the persons actually assigned to the project. Any additions, deletions or changes in personnel from the bid during the course of the project must be approved by the DEEP, with the exception of personnel who have terminated employment. Replacements for personnel who have terminated employment are subject to approval by the DEEP. At its discretion, DEEP may require the removal and replacement of any of the bidder's personnel who do not perform adequately, regardless of whether they were previously approved by the DEEP.
7. Any costs and expenses incurred by bidders in preparing or submitting bids are the sole responsibility of the bidder.
8. A bidder, if requested, must be prepared to present evidence of experience, ability, service facilities, and financial standing necessary to satisfactorily meet the requirements set forth or implied in the bid.
9. No additions or changes to the original bid will be allowed after submittal. While changes are not permitted, clarification of bids may be required by the DEEP at the bidder's sole cost and expense.
10. In some cases, bidders may have to give presentations or further explanation to the ITB screening committee.
11. The bidder represents and warrants that the bid is not made in connection with any other bidder and is in all respects fair and without collusion or fraud. The bidder further represents and warrants that they did not participate in any part of the ITB development process, had no knowledge of the specific contents of the ITB prior to its issuance, and that no agent, representative or employee of the DEEP participated directly in the bidder's submittal preparation.
12. All Responses to the ITB must conform to instruction. Failure to answer all questions or to follow the requested format may be considered appropriate cause for rejection of the response.
13. The DEEP shall assume no liability for payment of services under the terms of the contract until the successful bidder is notified that the contract has been accepted and approved by the DEEP. The contract may be amended only by means of a written instrument signed by the DEEP and the bidder.