



Request for Qualifications  
Bedrock Test Well Program  
# B2016-WTR-05

**Town of Seabrook, New Hampshire**  
**Water Department**



**Professional Services for  
Bedrock Test Well Program**

**REQUEST FOR QUALIFICATIONS # B2016-WTR-05**

*You are cordially invited to submit qualifications and proposals for the Professional Services for the Bedrock Test Well Program in accordance with the attached specifications, terms and conditions. Prospective respondents are advised to read this information over carefully prior to submitting.*

*Five (5) copies each of the Qualifications & Proposals must be submitted in a sealed envelope or package, plainly marked RFQ #B2016-WTR-05 and addressed to:*

*Town Managers Office  
Town of Seabrook  
c/o Shaylia Marquis  
99 Lafayette Road  
Seabrook, NH 03874*

*All submissions must be received no later than  
2:00pm on Thursday, May 5th, 2016 by the Office of the Town Manager*



Request for Qualifications  
Bedrock Test Well Program  
# B2016-WTR-05

**PART I. SCOPE OF SERVICES – SUPPLEMENTAL TEST WELLS AT STARD RD AND MILL LN**

**1.1 Introduction**

The Town of Seabrook, New Hampshire is requesting proposals for professional services in support of a bedrock test well program to install 6.5-inch diameter test wells on 77.18 acres of land between Stard Road and Mill Lane. These three separate lots are identified as Town land Map 4 Lot 8, 18.5 acres; Fogg land Map 4 Lot 13, 24.9 acres and Wildwood Trust Map 4 Lot 14, 33.76 acres. The test wells are intended to aid the Town in characterizing the fractured-bedrock aquifer and establishing final locations for permanent 10-inch diameter wells. The Town of Seabrook intends to create a new well field that can supply an additional million gallons a day to its treatment facility at 550 Route 107. All respondents are encouraged to review previous work documents, at the Seabrook Water Department labeled Report on Bedrock Test Well Program by Earth Tech June of 2008 and Report on Phases II and III Water Supply Development Program by AECOM Engineers in November of 2015.

**1.2 Test Wells**

The Town expects the consultant to select test-well locations based on site access, aerial photography, geophysical surveys and other hydrogeologic data that would most likely produce wells with a 250 gpm capacity or greater.

The consultant will contract with a well driller to install 6.5-inch diameter test wells at the selected sites. Each well will be drilled to a depth of at least 400 ft by the air-rotary method. The entire length of casing for each well shall be grouted in place. At the conclusion of drilling, each well shall be rated for yield by air-lift. The consultant shall observe the test-well drilling on a full-time basis.

The consultant shall assist the Town in making the necessary fillings to ensure compliance with New Hampshire Department of Environmental Services (NHDES) and the local wetland regulations including delineation of the wetlands.

**1.3 Short-term Pumping Tests**

A short-term pumping test, lasting six to eight hours, shall be performed on each well. Water-level drawdown and recovery shall be measured in the pumping well, and in nearby bedrock overburden monitoring wells. Water samples shall be obtained at the conclusion of each pumping test field and laboratory testing. Laboratory water-quality testing shall comply with the requirements of the NHDES and the Safe Drinking Water Act Standards. The consultant shall observe the pumping test on a full-time basis.

**1.4 Test Well Report**

At the conclusion of the test-well drilling and short-term pumping tests, a report summarizing the well drilling and pumping tests shall be prepared. The report shall contain the following:



**Request for Qualifications  
Bedrock Test Well Program  
# B2016-WTR-05**

- A plan of the well drilling locations on an aerial photo and topographic base map
- A description of geologic conditions found at each test well, including major fractures encountered
- A description of the well construction
- A description of the pumping tests and results, including well yield, specific capacity, well interference, overburden drawdown and recovery, etc.
- A summary of water-quality testing results
- Well construction logs
- Laboratory reports
- Drawdown and recovery curves
- An evaluation of the drilling and short-term pumping tests
- Conclusions and recommendations for further testing
- In addition, boring samples shall be collected at 10 to 20 foot intervals. These samples shall be properly logged, identified by soil/rock type, logged and included in the report.

### **1.5 Other Services**

The professional consultant shall also provide the following:

- Prepare documents and technical specifications for obtaining three (3) quotes for test-well drilling
- Prepare documents and technical specifications for obtaining (3) quotes for short-term pumping tests
- Coordinate the work with the Town of Seabrook, NHDES and the various contractors
- Prepare documents and applications to apply for SRF funding for the next phase of the project
- Develop budgets and make recommendations for the next phase of the project.

## **PART II. CONSULTANT QUALIFICATIONS**

All work shall be done by or under the supervision of a Professional Geologist licensed in the State of New Hampshire. The consultant shall demonstrate ability in the development of high-capacity public water-supply wells in fractured bedrock aquifers in southern New England. The consultant must demonstrate expertise in the hydrogeology of the Seacoast Region of New Hampshire Department of Environmental Services, and be in good standing with this agency.

The consultant shall provide a brief summary of five recent projects which the firm has undertaken in southern New England involving exploration, testing and/or development of high-capacity bedrock well supplies. For each of these projects, the consultant shall also provide a summary of the outcome and a client reference.



Request for Qualifications  
Bedrock Test Well Program  
# B2016-WTR-05

**PART III. CONTENTS OF PROPOSAL**

Proposals for Professional Services shall include the following:

- Description of the Firm
- Project Understanding
- Overall Project Approach
- Detailed Scope of Services
- Firm's Relevant Project Experience
- Firm's References (Municipal and Regulatory)
- Firm's Experience in Seabrook
- Project Team
- Proposed Schedule
- Resumes of Key Personnel
- Proposed Costs

**PART IV. PROPOSAL TERMS**

The Town of Seabrook reserves the right to accept or reject any and all proposals in whole or in part received as a result of this RFQ. If a proposal is selected it will be the most advantageous regarding price, quality of service, the contractors qualifications and capabilities to provide the specific service. The Town reserves the right to consider proposals for modifications at any time before a contract be awarded, and negotiations would be undertaken with that contractor whose proposal is deemed to best meet the Town's specifications and needs. There will be no reimbursement to any candidate if the selection process is terminated. The Town of Seabrook reserves the right to waive defects and informalities of the proposals.

In the event it becomes necessary to revise any part of the RFQ, addenda will be posted on the procurement page on the Town of Seabrook website at [www.seabrooknh.info/procurement](http://www.seabrooknh.info/procurement). Deadlines for submission of RFQ's may be adjusted to allow for revisions. To be considered, original proposals with amended proposals must be submitted before the date and time specified.

Responses should reflect detailed considerations of the issues and opportunities presented by this specific project. Any additional information or tasks that are felt to be relevant by the applicant should be included together with the submittal requirements.



Request for Qualifications  
Bedrock Test Well Program  
# B2016-WTR-05

- a. Insurance Requirements.  
All insurance (Worker's Compensation, Comprehensive General Liability, and/or Automobile) shall be maintained at the expense of the contractor during the term of this contract. Certificate of insurance shall be included with the proposal submission.
- b. Compliance with Laws and Regulations.  
The contractor will comply with all federal, state and local laws and regulations.
- c. Interest of Contractor.  
The contractor promises that it has no interest which would conflict with the performance of services required by the contract. The contractor also promises that, in the performance of this contract, no officer, agency, employee of the Town, or member of its governing bodies, may participate in any decision relating to this contract which effects his/her personal interest or interest of any corporation, partnership or association in which he/she is directly or indirectly interested, or has any personal or pecuniary interest.

**PART V. OTHER INFORMATION**

**5.1 Examination of the Existing Documents**

Proposers may examine existing data, documents, drawings, and reports pertaining to the projects herein at the Town of Seabrook Water Department located at 550 Route 107, Seabrook, New Hampshire between the hours of 7:00 AM and 3:00 PM Monday through Friday. Proposers are requested to contact the Seabrook Water Department to arrange for times to examine these documents.

**5.2 Questions and Clarifications during Proposal Period**

Proposers shall direct any questions and requests for clarification during the proposal period in writing to the Chief Procurement Officer, Shaylia Marquis at [Smarquis@seabrooknh.org](mailto:Smarquis@seabrooknh.org).

**5.3 Payment**

Invoices from the successful proposer will be paid in full within thirty (30) days of the receipt thereof or within any discount period provided such period is at least ten (10) days from the receipt of the invoices. Payments will be processed only for actual work accomplished to the date of the invoice and the Town reserves the right to examine the work to ensure that it is sufficiently complete prior to tendering payment.

Should the Town dispute any portion of the invoice, the town shall pay the undisputed portion of the invoice within the time stated above, and at the same time, advise consultant in writing of its reasons for withholding the disputed portion.



Request for Qualifications  
 Bedrock Test Well Program  
 # B2016-WTR-05

**5.4 Submissions**

All submissions must be received no later than 2:00pm on Thursday, May 5th, 2016 by the Town Managers Office. No telephone, email or facsimile proposals will be accepted. All submissions received after the deadline will be returned unopened.

**5.5 Sub-Contracting**

No portion of the work may be sub-contracted by the successful Proposer without the written consent of the Town of Seabrook. Any approval to sub-contract any portion of the work requires any sub-contractor to provide the same insurance certificates as required of the successful Proposer.

Please provide a list of anticipated sub-contractors with the request for Proposals.

**5.6 Termination of Contract**

The Town reserves the right to terminate this contract at the completion of any phase when analysis confirms that the project being studied cannot be brought to completion for any reason. If the Town exercises it's right here under the selected geologist or firm with geologists will be charged to the Town for the termination provided hereunder.

Bedrock Test Wells at Wildwood Trust shall be completed within 180 calendar days from the date of the Notice to Proceed. Although field work will be dependent on access to the site, all other work shall begin immediately.

\*The Town of Seabrook is a Tax Exempt Organization.

Proposals must be signed by an official authorized to bind the contractor to its provisions for at least a period of 90 days. Failure of the successful bidder to accept the obligation of the contract may result in the cancellation of any award.

"The undersigned certifies under penalties of perjury that this bid is in all respects bona fide, fair and made without collusion or fraud with any other person. As used in this section the word "person" means any natural person, joint venture, partnership, corporation or other business or legal entity."

\_\_\_\_\_  
 ( Authorized Signature)

\_\_\_\_\_  
 (Date)

\_\_\_\_\_  
 (Company & Title)



Request for Qualifications  
Bedrock Test Well Program  
# B2016-WTR-05

**PART VI. TIMELINE**

**May 5th, 2016**

**Submissions due at Seabrook Town Hall; 2:00pm**

Proposals will be evaluated immediately thereafter. During this time we may require interviews at our office with our evaluation team on or before May 12th, 2016. You will be notified if this is requested.

Approved By:

A handwritten signature in black ink, appearing to read "W M Manzi III".

William M. Manzi III,  
Town Manager

4-8-2016

Date