



TOWN OF RYE SEWER COMMISSION
Mailing: P.O. Box 544, Rye Beach, NH 03871
Physical: 830 Central Road, 2nd Floor, Rye Beach, NH 03871
(603) 964-6815, sewer@town.rye.nh.us

Town of Rye, NH
Legal Notice
REQUEST FOR QUALIFICATIONS AND PROPOSALS
DESIGN/BUILD
ABENAQUI PUMP STATION

The Town of Rye Sewer Commission is seeking a qualified Contractor to design, permit and construct the rehabilitation or replacement of the Abenaqui Pump Station, 759 Central Road, Rye Beach, NH 03871. This project will be funded by designated American Rescue Plan Act (ARPA) Funds and is not to exceed \$100,000.

There will be a mandatory pre-proposal site walk and meeting on Wednesday, September 7, 2022 at 10:00 a.m. at the Abenaqui Pump Station, 759 Central Road, Rye Beach, NH 03871.

The Request for Qualifications and Proposals Scope of Services is available from the Sewer Commission Office, 830 Central Road, 2nd Floor, Rye Beach, NH and on the Town of Rye, NH Website www.town.rye.nh.us under “Legal Notices”.

Two (2) copies and one (1) electronic copy PDF on a USB flash drive of the Submittal must be provided in a sealed mailing envelope with the Contractor’s name and clearly marked on the outside “Statement of Qualifications and Proposals Design/Build Abenaqui Pump Station”, addressed to the Town of Rye Sewer Commission, P.O. Box 544, Rye Beach, NH 03871 or hand delivered to the Sewer Commission Office, 830 Central Road, 2nd Floor, Rye Beach, NH 03871. Submittals must be received no later than 4:30 p.m. on Friday, September 30, 2022.

The Town of Rye Sewer Commission reserves the right to reject any or all submissions for any reason. The Town of Rye Sewer Commission also reserves the right to waive any formalities in the request for qualifications and proposals process. In evaluating the submissions, the Town of Rye Sewer Commission may consider both monetary and non-monetary considerations as the Town of Rye Sewer Commission deems fit within its sole discretion. The contact person is Lee Arthur, Sewer Director and can be reached at (603) 964-6815.

Town of Rye Sewer Commission
REQUEST FOR QUALIFICATIONS AND PROPOSALS
DESIGN/BUILD
ABENAQUI PUMP STATION

I. INVITATION

The Town of Rye Sewer Commission is seeking qualifications and proposals for the design and construction of the pump station located at the Abenaqui Pump Station located at 759 Central Road, Rye Beach, New Hampshire 03871.

Those wishing to submit Qualifications and Proposals must provide Sealed Statements of Qualifications and Proposals in an envelope that is clearly marked “Statement of Qualifications and Proposals Design/Build Abenaqui Pump Station” on the outside with the Contractor’s name. Sealed Statements of Qualifications and Proposals should be addressed and mailed to the Town of Rye Sewer Commission, P.O. Box 544, Rye Beach, NH 03871 or may be hand delivered to the Town of Rye Sewer Commission Office, 830 Central Road, 2nd Floor, Rye Beach, NH 03871. Submittals will be accepted until 4:30 p.m. on Friday, September 30, 2022.

II. MANDATORY PRE-PROPOSAL SITE WALK AND MEETING

There will be a mandatory site walk and meeting for interested contractors on Wednesday, September 7, 2022 at 10:00 a.m. at the Abenaqui Pump Station, 759 Central Road, Rye Beach, NH 03871. The failure to attend the pre-proposal site walk and meeting may disqualify any proposal from consideration.

Post pre-proposal site walk and meeting questions must be submitted in writing to sewer@town.rye.nh.us at least (3) business days prior to the submittal deadline. Questions received within three (3) business days prior to the submittal deadline will not be answered.

III. FUNDING

This project will be funded by designated American Rescue Plan Act (ARPA) Funds and is not to exceed \$100,000.

IV. BACKGROUND

The Rye collection system was constructed in the late 1980’s and early 1990’s and consists of 6.9 miles of gravity sewer and three pump stations. The collection system is owned and operated by the Town of Rye Sewer Commission. Pump station maintenance is contracted out to the Town of Hampton as the Town of Rye wastewater collection system discharges to the Town of Hampton sewer system and is treated at Hampton’s Wastewater Treatment Plant (WWTP).

The Abenaqui Pump Station was built in the late 1980s and services the Abenaqui Country Club and other residential properties. The station is approximately 10 feet above the 100-year flood plain. The station’s force main is 420 linear feet (LF) of four-inch polyvinyl chloride (PVC) pipe, which discharges to the gravity sewer on Sea Road. The approximate velocity through the force main is 2.8 ft/s at the design flow of 110 gallons per minute (GPM). No odor issues have been identified.

The pump station that is the subject of this Request for Qualifications and Proposals is a duplex submersible pump station with a concrete wet well five feet in diameter and 15 feet deep, accessed through a hatch two feet by four feet. The concrete valve pit is five feet in diameter and houses 4-inch ductile iron (DI) pipe with swing check valves and plug valves and a base tee connecting the two discharge lines. The hatch of the valve pit is three feet by three feet and has a missing seal. The vault does not have a drain or sump pump.

The pump station was built to house two two-horsepower, non-clog submersible pumps manufactured by Yeomans Chicago Corporation. The pumps were intended for a capacity of 110 GPM at 27ft total dynamic head (TDH). The station was designed to operate in a constant speed lead/lag configuration. In 2010, the Yeomans pumps were replaced with two three-horsepower Myers pumps. Pump starts are approximated at 10 starts per pump per day, or approximately four hours between starts on each of the duplex pumps. The average runtime of the pumps is less than three minutes. This changes seasonally as the station services the Abenaqui Country Club (golf course). In the spring of 2021, a slide rail and one of the submersible pumps failed during inspection. A Gould’s rental pump has taken its place. The slide rails for both of the pumps need to be replaced. There is no current mechanism onsite to remove and replace pumps. The existing station does not have a bypass connection or divided wet well.

The station’s control panel and generator are stored in a small wooden shed with asphalt shingles and insulated with spray insulation, which was installed after the pump station was built. The building needs a fresh coat of paint and shingles. The control panel uses relays, has experienced electrical issues, and has surpassed its useful life. The pumps are operated with a combination of a pressure transducer and high float switch (back-up). The Onan generator and automated transfer switch are approximately 35 years old and located in the building. There are two propane tanks located at the outside the building for the generator. A small spotlight is located directly over the tanks. A generator wall louver with motor operator is opened when the generator is on and the wet well currently vents through the building. The power supply to the station is single phase. The station is equipped with a Mission Communication System for monitoring (alarms, runtime data, pump starts, etc.).

Based on a recent energy audit the estimated influent average daily flow is 3 GPM. For flows less than 100,000 GPD, NHDES recommends a peaking factor of 6.0 to estimate the peak hour flow, resulting in a peak hour flow of approximately 17 GPM. The station’s utilization is about 15% of the station capacity.

Abenaqui Pump Station Flow Values

Design Flow Rate (GPM)	Average Daily Runtime (Min)	Estimated Average Annual Daily Flow (GPD) 1.	Estimated Peak Flow (GPM) 2.
110	38	4,180	17

1. The average annual daily flow and runtime data above is based on activity from January through December 2021. In 2020 the average daily runtime was 49 minutes per day and in 2019, 66 minutes per day. Flows to this station are affected significantly by Abenaqui Country Club operations and fluctuations in recent years can be attributed to Covid-19 and club operations halting and slowing (weddings and restaurant business etc.)

2. Peaking factor (PF) of 6.0 based on ENV-Wq 704.03.d

No additional future build-out capacity is anticipated.

V. SCOPE OF WORK

The Town of Rye Sewer Commission is seeking a qualified Contractor to design, permit and construct the rehabilitation or replacement of the Abenaqui Pump Station, 759 Central Road, Rye Beach, NH. The Contractor is solely responsible for providing complete, design, permitting, and construction services, including but not limited to, the management (planning, supervision and contract coordination), professional design services, and construction (including all labor, equipment, materials, and inspections) necessary to provide the Town of Rye Sewer Commission with a completed project on a timely basis within the approved budget.

In general, the project scope includes engineering and design, all permitting, equipment procurement (control panel, pumps, slide rails, hatch seal, generator housed in weather tight enclosure, power supply upgrade), demolition, disposal, site restoration, site improvements, and construction of the pump station improvements including, but not limited to, civil, mechanical, structural, electrical, instrumentation and control, and telemetry disciplines, quality control and safety, startup, performance testing, operator training, operations and maintenance manuals, and record drawings.

The rehabilitated or replaced pump station shall comply with all applicable local, state, and federal codes, regulations, and statutes, as well as all provisions of the New Hampshire State Building Code and Fire Code. The rehabilitated or replaced pump station shall also meet current industry and safety standards.

VI. SUBMITTAL PACKAGE

- a. In total, two (2) copies and one (1) electronic copy PDF on a USB flash drive of the Submittal, including attachments, are required.
- b. Pages shall be no larger than letter-size (8 ½ x 11 inches) or, if folded to that dimension, twice letter size (11x17 inches). It is acceptable to produce the Submittal on both sides of the paper.
- c. The Submittal must be in a sealed envelope plainly marked on the outside with the Contractor's name and project identification as follows: "Statement of Qualifications and Proposals Design/Build Abenaqui Pump Station."
- d. Submittals can be mailed to Rye Sewer Commission, P.O. Box 544, Rye Beach, NH 03871 or hand delivered to the Town of Rye Sewer Commission Office, 830 Central Road, 2nd Floor, Rye Beach, NH 03871.
- e. Submittals must be received no later than 4:30 p.m. Friday, September 30, 2022.
- f. Bidders are responsible for all of their costs in preparing and submitting bids hereunder.
- g. Upon selection, the successful bidder shall be required to enter into a written contract with the Town within seven (7) days from notification of selection.
- h. Each bid submitted shall include a signed statement from an authorized representative certifying as follows: "The undersigned certifies under the penalties of perjury that this bid is in all respects bona fide, fair and made without collusion or fraud with any other person, corporation, company, or other entity."

VII. SUBMITTAL FORMAT AND CONTENT FOR STATEMENT OF QUALIFICATIONS

Outside cover and first page shall contain:

- a. The Title: "Statement of Qualifications and Proposals Design/Build Abenaqui Pump Station"

The Transmittal Letter will include:

- a. Summary of the Contractor's qualifications, including, but not limited to the following: Contractor's area of specialization; the number of years the Contractor has been in operation and the Contractor's history; location of home and branch offices; names of the principal officers and type of organization; identify the key members of Contractor's team that would be involved in the project including consultants, together with each identified individual's areas of expertise, professional registrations and what role they will perform in the project; the estimated date for completion of design, acquisition of permits, start of construction, 30% completion, 60% completion, and substantial completion; and any other information you believe to be relevant.
- b. List for references three (3) similar projects completed within the last five years. For each project identified include the following: clients name, address, location of project, year completed; estimated contract value and final contract value; a contact name and phone number that can be contacted for a reference.
- c. A statement indicating that to the best of the Contractor's abilities, all information contained in the Submittal is complete and accurate.
- d. A statement granting the Town of Rye Sewer Commission and its representatives' authorization to contact existing or previous client of the Contractor (or a Contractor's Team Member) for purpose of obtaining an independent evaluation of the Contractor's or a Contractor's Team Member's performance.
- e. At least one copy of the transmittal letter must have the original signature of an officer of each principal firm that comprises the Contractor (not a sub-consultant).
- f. Provide the contact information of the person who the Contractor will designate to be the key contact with the Town of Rye Sewer Commission.

VIII. SUBMITTAL FORMAT AND CONTENT FOR COST PROPOSALS

- a. Bidders should provide a cost proposal that provides an itemization of proposed costs, broken down by labor and materials for various work tasks associated (design, permitting, and construction).
- b. The total cost for the project should be provided on a lump sum, not to exceed basis.
- c. Bidders should separately identify and provide a breakdown for the costs of any identified optional work.
- d. Cost proposals should identify the hourly rate for personnel associated with the Work that may be considered with regard to any Change Orders related to the Contract Sum.

IX. DESCRIPTION OF THE SELECTION PROCESS

The Statement of Qualifications and Cost Proposals ("Submittal") will be evaluated by the Town of Rye Sewer Commission. The Town of Rye Sewer Commission may request and consider additional information of Contractors beyond that sought in Sections VI-VIII as the Town of Rye Sewer Commission, in its sole discretion, deems useful. In evaluating Submittals, the Town of

Rye Sewer Commission may, but shall not be required to, conduct interviews with Contractors that make a Submittal.

The Town of Rye Sewer Commission shall review compliant Submittals and shall determine the Contractor that the Town of Rye Sewer Commission, in its sole discretion, deems best suited to perform the work. The Town of Rye Sewer Commission may reject any or all Submittals for any reason.

In evaluating Submittals, the Town of Rye Sewer Commission may waive any of the requirements or formalities set forth in this “Request for Qualifications and Proposals Design/Build Abeniqui Pump Station” as the Town of Rye Sewer Commission deems appropriate in its sole discretion.

X. SELECTION CRITERIA

Submittals will be reviewed and evaluated by the Town of Rye Sewer Commission based on the following criteria:

- a. Contractor’s experience and approach to similar projects.
- b. The proposed contract price, and the proposed costs for the various tasks associated with the project.
- c. References from previous design and construction projects.
- d. Professional qualifications of individuals assigned to the project.
- e. Current work schedule availability.
- f. Contractor’s understanding of budget available and ability to meet project budget.
- g. Contractor’s ability to reduce project cost and manage schedule.

XI. CONTRACT DOCUMENT

Upon final selection, the successful Contractor will be sent a contract for execution. Contractor shall be required to sign said written contract with the Town of Rye Sewer Commission within seven (7) days from notification of selection. Included with this “Request for Qualifications and Proposals Design/Build Abeniqui Pump Station” is a draft contract, which may be modified by the Town of Rye Sewer Commission prior to execution.

When the contract is executed by both parties, the Contractor will be instructed to commence providing the work is outlined in the contract. All information, plans, document photos, and other materials of any kind acquired or developed by the Contractor pursuant to this project shall be the property of the Town of Rye Sewer Commission.

XII. INSURANCE

The selected Contractor will be required to purchase and maintain, for the duration of the work, insurance of the limits and types specified in the draft contract from an insurance company approved by the Town of Rye Sewer Commission.

XIII. INDEMNIFICATION CLAUSE

The selected Contractor will be required to provide indemnification and hold harmless covenants in the scope set forth in the draft contract.