

**REQUEST FOR QUALIFICATIONS #0910-01
WATER RESOURCES ENGINEERING SERVICES
TOWN OF CHESHIRE, CT
84 SOUTH MAIN STREET
CHESHIRE, CT 06410
AUGUST 11, 2009**

RFQ Submittal Deadline: Tuesday, 9/1/09 at 4:00 PM.

The Town of Cheshire is accepting **Request for Qualifications** from Engineering Firms with expertise in **Water Resources**, for work to be conducted in the ponds located in Mixville Park, Notch Road, Cheshire, CT.

The RFQ is also published on the following website: <http://www.cheshirect.org>
Interested parties are responsible for monitoring the website for information concerning this RFQ and any addenda issued. The Town of Cheshire looks forward to reviewing your RFQ submittal and to working with the selected team in a successful development of this project.

Six (6) copies must be submitted to:

Joseph Michelangelo, P.E.
Director of Public Works/ Town Engineer
84 South Main Street
Cheshire, CT 06410



TOWN OF CHESHIRE
DEPARTMENT OF PUBLIC WORKS/ENGINEERING
84 SOUTH MAIN STREET, CHESHIRE, CONNECTICUT 06410
Telephone (203) 271-6650 FAX (203) 271-6659

August 7, 2009

New Haven Register
P.O. Box 8626
40 Sargent Drive
New Haven, Connecticut 06531

Dear Ladies and Gentlemen:

A purchase order has been issued in the estimated amount of \$350.00 to cover the cost of printing the enclosed legal advertisement:

REQUEST FOR QUALIFICATIONS #0910-01
WATER RESOURCES ENGINEERING SERVICES
CHESHIRE, CONNECTICUT

Please publish this legal notice one time only in the legal section of the Tuesday, August 11, 2009 edition of your paper.

All invoices initiated by your office pertaining to the above notice should be sent to the attention of Mr. Joseph Michelangelo, Director of Public Works, and 84 South Main Street, Cheshire, Connecticut 06410.

Please publish this notice on the above date. If you have any questions concerning this advertisement, please call.

Respectfully,

Joseph Michelangelo
Director of Public Works

JM:lw
Enclosure

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84 SOUTH MAIN STREET
CHESHIRE, CT 06410
AUGUST 11, 2009

RFQ Submittal Deadline: Tuesday, 9/1/09 at 4:00 PM.

The Town of Cheshire is accepting **Request for Qualifications** from Engineering Firms with expertise in **Water Resources**, for work to be conduct in the ponds located in Mixville Park, Notch Road, Cheshire, CT. The work may include such items as the design of the dredging of the upper portion of the pond, implementation of possible other measures to improve water quality, inspection of the existing dam, preparation of emergency operation plan, design of proposed modifications. Firms interested in submitting qualifications for this work should be qualified and experienced in the analysis, design, preparation of plans and contract documents, environmental permitting, and construction methods of this type project.

A non-mandatory walk through will be held at the site on Wednesday August 20, 2009 at 10:00 a.m. Interested parties shall meeting in the parking lot, and will walk the perimeter of the pond area.

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Cheshire, CT 06410

Mixville Park Ponds

Mixville Recreation Park located on the west portion of town on Notch Road, just north of Mixville Road. The park is on two parcels of land which totals approximately 50 acres as shown as Map 41, Lots 132 and 18 of the Town Assessor's Map. The park contains two ponds, which are located along the Ten Mile River. There is also a secondary feed to the pond from an unnamed tributary from the west. The two ponds are separated only by a loose rock, manmade causeway which is mostly submerged. The upper pond has experienced some water quality issues. The lower pond, created by an impoundment from a concrete dam, is used for active recreation and swimming and has a public beach area along the western shore. The upper pond is used for mainly passive recreation such as fishing and canoeing.

The upper pond is shallow and has aquatic plants growing up from the bottom and also has some algae growth along the top surface. Sediment deposits have accumulated in the upper pond. The slopes are shallow and there is ground cover along most of the perimeter of the upper pond. The pond has experienced some eutrication.

The Town is seeking alternatives for restoring the upper pond including creating additional depth to alleviate the growth problem. Dredging is an option to remove the nutrient level that has accumulated in these bottom sediments, as are other means to improve the water quality.

The upper pond is believed to have been previously dredged in 1980's. The pond is in the upper half of the Ten Mile River Watershed. The contributing area to these ponds is approximately 2,100 acres mostly contained in the Town of Prospect. The pond is believed to have a 100 year storm flow of approximately 1,800 CFS. The Ten Mile River is a map flood zone along this section of the pond and is within the 100 flood plain elevation. Although an outlet control structure is part of the concrete dam structure, it was believed to be modified in 1994 and there are no detailed plans of this structure.

In addition to the Assessor's Map, a 1"=1,000' scale water shed map with 10' contours will be provided, as well as the Flood Zone Map, and some hydraulic information downstream of the dam. Town topographic mapping is available on Map 40, 41 and 48 in .TIF files. This is available on a CD that will be made available. Due to the size of the files, these are often difficult to transmit via e-mail.

QUALIFICATION CONTENT REQUIREMENTS

The Qualification should generally include the following items:

- Letter of Interest

- Identification and resumes of personnel to be directly involved in these projects, including Principal in charge and project manager.

- Experience of the project team members with these types of studies.

- A description of the firm's project philosophy and approach to the project.

- A list of similar projects completed by the project team.

CRITERIA FOR SELECTION

Proposals will be evaluated using the following criteria:

- Qualifications and experience of assigned staff; experience with similar projects; successful teamwork on complex projects.

- Availability of staff to meet the design schedule.

- Experience working effectively with client groups to prepare studies and plans.

Fee proposals will be requested at a later date.

The reviews of the qualifications, short listing, and interview will be conducted by Town Staff. We will then make a recommendation to the Town Manager.

