

Essex County, NY
Topographic Land Surveying and Mapping Services
Request for Proposals
March 31, 2016

The Essex County Office of Community Resources is requesting proposals from a N.Y.S. licensed land surveyor to conduct a topographic survey of approximately ¼ mile of property to extend the LaChute River Trail in the Town of Ticonderoga. (See enclosed Project Location Map).

Proposals should be emailed, shipped or hand delivered by **4:00 pm on Thursday, April 28, 2016.**

Project Description

The Lachute River Trail is a 3-mile long recreational trail in the Town of Ticonderoga that includes 12 interpretive signs that trace the natural and industrial history of the Lachute River, which flows from Lake George to Lake Champlain.

The services of a licensed land surveyor are being sought to produce a property line and topographic survey and map for the purpose of extending the LaChute River Trail from where it currently terminates, to connect to an existing train trestle which has recently been refurbished for recreational use, a distance of approximately ¼ mile. Referring to the attached map, at Legend # 11 Upper Falls Industry, the existing trail directs you up a large incline to Lake George Avenue. The goal of the project is to determine a preferred alignment to extend the trail from where it currently terminates to create a connection from #11 to the entrance of the train trestle and avoid walking on Lake George Avenue. A professional consulting firm will utilize this property survey information to evaluate various trail alignment scenarios and determine the optimum and most cost effective alignment to make this trail connection.

Scope of Work

The surveyor will be required to provide a topographic and property line survey with metes and bounds. The topographic survey shall include the areas within the survey limit as defined on the included survey limits map. The survey shall be prepared by a New York State Licensed Land Surveyor, and shall be provided in the matter defined under the section "Deliverables". The survey shall include but not be limited to the following requirements:

1. Locate all property lines (R.O.W.) within the survey limits
2. Contours at 2' intervals
3. Scale at 1" = 20' – 0" or as otherwise requested or noted
4. Drainage pipes, drains, invert elevations, manholes, drop inlets, pipe outlets and drainage channels
5. All buildings and structures
6. Spot elevations at:
 - a. Corners and entrances to buildings
 - b. All site features
 - c. Top and bottom of walls and steps (every 25')
 - d. Top & bottom of curb (every 25')

- e. Utilities
 - f. Rock outcrops and stone walls
 - g. Wooded areas
7. Utilities (gas, water, sewer lines)
 8. Rock outcrops and stone walls
 9. Wooded areas
 10. Maps to be completed in both digital and hard copy format
 11. Control points used to establish the survey must be included in the digital format of the drawing

Deliverables

1. Five (5) hard copies of a map (or maps) showing property lines, structures, and topographic data including north arrow, legend, and scale.
2. Five (5) digital copies of survey provided on compact disk in CADD format and should also include submission of the files in .pdf format

General Requirements

All survey work must be completed and a final product must be received within forty-five (45) days from the date of authorization to proceed. The surveyor will be required to hold their quoted price for forty-five (45) days from the deadline for submitting quotes.

NOTE: The surveyor will be required to submit a draft survey for review within thirty (30) days of the commencement of the contract, and shall be responsible for making any revisions or additions as required.

Proposal Submission

1. The surveyor will provide a detailed proposal with a proposed cost.
2. The surveyor will provide a list of three (3) references.

All proposals to be emailed or sent via surface mail by 4/28/16 to the following:

Garrett Dague
Deputy County Planner
Essex County Office of Community Resources
PO Box 217
Elizabethtown, NY 12932
518-873-3452
518-873-3751 (fax)
GDague@co.essex.ny.us

If you have any questions and need further information or clarification, please contact Garrett Dague at the address above.



Survey Area

Riverwalk

1 Interpretive Sign

P Parking

DAM Dam

FT Fitness Trail
Fitness stations are located between 4 and 8

Proposed Trail Connection

LaChute River Walk Interpretive Trail



INTERPRETIVE SIGNS LEGEND

- 1** The Power of Water
- 2** A Way to the World
- 3** Sharing the Flow
- 4** Crossroads of the Community
- 5** Island Mill
- 6** Anatomy of the River
- 7** Richard's Dam
- 8** Lakes to Locks Pocket Park
- 9** Natives, Newcomers, and Migrants
- 10** "C-Dam"
- 11** Upper Falls Industry
- 12** Historic Valley
- 13** The Delaware and Hudson Railroad Baldwin Branch