



Town of West Rutland

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Request For Proposals: Youngs Brook Dam Removal Engineering Support

The Town of West Rutland in partnership with the Vermont Natural Resources Council (VNRC) and FEMA are requesting proposals from qualified individuals or firms to provide permitting support, construction bid documents, and engineering oversight for the removal of the Youngs Brook Dam, located in West Rutland, Vermont. **Proposals must be submitted in pdf format and emailed to mgoulette@westrutlandvt.org no later than 4:00 p.m. on April 7, 2023. Late proposals will not be considered.**

Background:

Youngs Brook Dam (VT#268.01) is located on Youngs Brook in West Rutland Vermont. It is obsolete, breached, and recommended for removal. This Significant Hazard dam has potential to damage private property, damage the downstream Dewey Avenue culvert, and cause long-term environmental impacts to Youngs Brook and downstream receiving water. The dam will be removed for both public safety and environmental restoration. The consultant will work under the direction of West Rutland and VNRC in collaboration with the landowners and State and Federal regulatory agencies. Final design plans and a report were completed by SLR Engineering in September 2021. The removal design for the Youngs Brook Dam, managed by the Town of West Rutland in collaboration with VNRC with funding provided by FEMA.

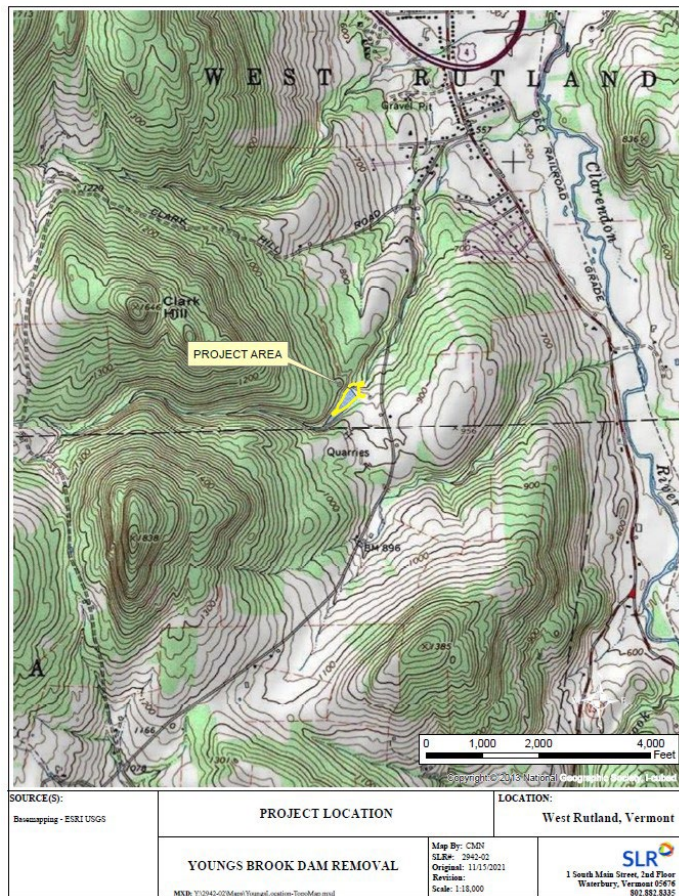
Safety and Site Conditions:

Every aspect of the breached Youngs Brook Dam is in poor condition, inoperable, and beyond repair. West Rutland and VNRC are not responsible for the safety of the Contractor. The Contractor assumes the risks of working in an outdoor environment.

Location:

The Youngs Brook Dam is located at 1010 Dewey Avenue in the headwaters of Youngs Brook in West Rutland, Vermont (Figure 1). Youngs Brook is a small headwater stream (drainage area at dam ~ 1.85 square miles) that generally flows northeast for several miles before entering the Clarendon River. The subject dam is located about a mile from the confluence.

Figure 1 (Topo Map by SLR)



Dam Description:

The dam is an earthen embankment with concrete core wall originally built as a public water supply reservoir. The length of the dam is 254 feet, and the height is 46 feet. The storage capacity of the structure at the normal pool is 38 acre-feet. The maximum storage at the crest of the dam is 50 acre-feet (2,178,000 cubic feet). Given that the dam impounds more than 500,000 cubic feet, it falls under the jurisdiction of the Vermont Dam Safety Section.

Photos of the drained reservoir show earlier generations of stone masonry dams lower than the existing earthen embankment and core wall. Youngs Brook Dam was breached during flooding in September 1995. Repairs were implemented to stabilize the remaining structure, lower the breach area to bedrock, and lower the normal pool. The dam is in poor condition showing common signs of decay such as cracked concrete, inoperable gates, and seepage.

Project:

To assist the Town of West Rutland with the complete removal of the Youngs Brook (dam) in West Rutland, Vermont. The scope of work presented below includes the development of construction specifications, advertising the project and solicitation of construction bids, the evaluation of bids and

selection of a construction contractor, oversight of construction, assistance with closeout of the construction project and development of a monitoring plan.

Scope of Work:

Permitting, Construction Bid Documents, and Construction Oversight:

- Draft and submit outstanding permit applications including but not limited to Army Corps of Engineers, Stream Alteration Permit, Construction General Permit, and any other local or State Permits that may be applicable).
- Prepare Construction Bid Documents and support the Town and VNRC with bid review, site visits and contractor selection. **Key Deliverables:** Bid advertisement and specifications, Attendance at the construction pre-bid meeting and development of the Bid Addendum, Bid tabulation, support and evaluation.
- Provide full-time Construction Oversight. **Key Deliverables:** Communication with contractor and review of any contractor submittals leading up to construction; Attendance at the on-site pre-construction kickoff meeting and subsequent meetings; Construction oversight, including regular inspection reports and confirmation of grades and project extents, Substantial and final completion inspections, including development and tracking of final punch lists, Development of an as-built plan and submittal to ACOE; Post-construction photos, to serve as first round of photo-documentation for the monitoring plan.
- Provide Post Construction Monitoring as required by State and Federal Permits.

Proposal Content:

All proposals must include the following information:

- A detailed scope of work describing how the deliverables will be met. Specific tasks need to be thoroughly described.
- A complete and detailed deliverables table.
- A proposed schedule identifying major project milestones.
- A statement identifying individuals and related qualifications (i.e. resumes or CVs) of those who were involved in the preparation of the proposal, of those staff who will be working on the project as well as a single point of contact for the project.
- A detailed description of the organization's experience with similar engineering work.
- A description of any tasks that will be subcontracted, including the names of possible subcontractors.
- A cost breakdown sheet in response to the scope of work:
 - Itemized breakdown of labor/equipment rates;
 - Estimated hours, materials, subcontractor costs (if applicable) per item;
 - Cumulative total of direct expenses.

Funding and Method of Payment:

Funding for this RFP has been secured. All payments will be made after satisfactory completion of each deliverable as outlined in an agreement between West Rutland and the selected entity.

Project Timeline:

Date	Item
March 23, 2023	Request for Proposals Issued
April 7, 2023	Proposals Due by Email
April 14, 2023	Contractor Notification
April 24, 2023	Contract Start

All proposals are required to be submitted via email to Mary Ann Goulette mgoulette@westrutlandvt.org by April 7, 2023, 4:00 pm using the subject line “Youngs Brook Dam RFP.” Late proposals will not be considered. Evaluations will be completed by April 14th, 2023 and all respondents will be promptly notified.

Type of Contract:

It is proposed that, if a contract is entered into as a result of this RFP, it would be a fixed price contract for the Scope of Work, above. Negotiations may be undertaken with those engineers whose proposals, as cost and other factors show them to be qualified, responsive, responsible and capable of performing the work.

Selection:

Proposals will be reviewed by the Town of West Rutland. Selection will be based on the following criteria:

- Summary of qualifications, timing (schedule), cost, and references,
- Prior river restoration experience in Vermont,
- Successfully designed and implemented dam removal projects.

West Rutland reserves the right to amend, modify or withdraw this RFP, require supplemental information from candidates, reject any or all proposals received, and negotiate separately with competing candidates.