

**REQUEST FOR PROPOSAL**  
**Structural Engineering Services**  
**for the Historic Sanborn Covered Bridge**  
**Town of Lyndon, Vermont**

**Date of Issue: January 13, 2023**

**Closing Date: February 15, 2023, at 4:00 p.m.**

The Town of Lyndon is seeking the services of a qualified engineering team to develop the required predevelopment and engineering documents for the historic Sanborn Covered Bridge, located in Lyndon, VT. The goal is to prepare the Sanborn Covered Bridge for reconstruction and use as a pedestrian and bicyclist footbridge. The Sanborn CB is a 153-year-old Paddleford truss type bridge, spanning 118' over the Passumpsic River. The engineering team will produce a 60% set of preliminary engineering plans, provide structural analysis and building specifications, generate a base plan and survey, conduct two soil borings and brief geotechnical engineering report, and do a brief hydraulic analysis. The project requires the inclusion of a historic preservation consultant on the design team. The Town of Lyndon invites the submission of qualifications for the predevelopment/engineering phase of the project. The predevelopment/engineering phase of the project is planned to begin in the spring of 2023.

**Existing Documentation:**

There are two relevant documents provided to the engineering team attached to this request. Documents include:

- Preliminary Bridge Conditions Report (2021) by Jan Lewandoski
- Basic survey of the area (2022) by Northeast Land Surveys

**Funding Source:**

This work is funded by a USDA- Rural Business Development Grant. The selected consultant must be available and willing to complete the required work within nine to ten months of the date of the award of this contract.

USDA-Rural Business Development Grant funds will cover most of the consultant expenses. The USDA-RBDG funding will account for 100% of the entire project cost. The amount available for consultant expense is capped at **\$100,000**. Cost-effectiveness and efficiency will be given very serious consideration. The selected consultant will be expected to propose a budget and timeline that makes the most cost-effective and expedient use of all in-kind resources, as well as other cost-saving measures.

**Project Proposal:**

Proposals will be received for a single prime contract and shall be on a lump sum and unit price basis. This project consists of Professional Engineering to include:

- Additional survey and base plan of the area,
- Two soil borings at bridge abutments and a brief geotechnical engineering report for the bridge abutment design,
- Brief hydraulic and hydrologic report/analysis,
- Bridge inspection,
- Structure analysis/load rating,
- Superstructure Repair Design - timber,
- Substructure Design – abutments,
- Engineering documents- a **60% set of preliminary** engineering plans,

The proposal shall also address the following requirements:

- Collaboration with a historic preservation specialist to ensure that the engineering plans abide by the requirements of *The Secretary of Interior's Standards for Rehabilitation* for historic buildings/structures,
- A public meeting to discuss preliminary engineering results and to gain public input into the design

## **Project Schedule:**

It is expected that this project will be completed within nine to ten months of its start date.

Work on the project can start after the contract has been signed. The project must be completed by 12/31/2023. The planned start date and duration of work will be a consideration for consultant selection.

## **Qualified, interested individuals should submit the following information no later than Wednesday February 15<sup>th</sup>, 2023, 4:00 p.m.:**

Proposals should consist of the following:

1. Brief description of the firm and a list of individuals and any subcontractors (including historic preservation consultant) that will be involved in the project and their qualifications, including previous examples of similar successfully completed projects, as well as contact information.
2. Scope of work that includes steps to be taken, and a proposed schedule indicating the dates for commencing and completing each step in the scope of work.
3. A comprehensive cost proposal broken down by number of consultant hours required for each step, hourly rates, and any associated direct expense.

## **Evaluation of Proposals:**

Selection of an engineering consultant(s) will be based on the proposal and:

- Documented experience with historic covered bridge engineering,
- Technical staff capability to assess the structure and develop required documents for construction,
- Experience working with local, state, and/or federal government,
- Knowledge of the Secretary of the Interior's Standards for the Treatment of Historic Properties,
- Cost,
- Timeliness,
- Any other factors that the Town of Lyndon determines are relevant and appropriate in connection with this project.

The Town and Village of Lyndon(ville) encourage responses from disadvantaged, women-owned, minority-owned and small local firms. Selected candidates should be prepared to execute a contract that contains pass-through provisions regarding Federal programs and assurance related to this grant-funded work, including policies regarding conflicts of interest, equal opportunity, non-discrimination, retention of and access to records, and audit requirements, when applicable. TOL/VOL reserves the right to reject any or all responses.

Please deliver responses and inquiries to:

Nicole Gratton, Planning Director  
Town of Lyndon  
PO Box 167  
Lyndonville, VT 05851  
802-626-1269  
[planning@lyndonvt.org](mailto:planning@lyndonvt.org)

Emailed responses are preferred. Thank you.