

TOWN OF BROOKFIELD, VT  
Bear Hill Road Culvert Replacement  
REQUEST FOR PROPOSALS

January 24, 2024

The Town of Brookfield is herein requesting proposals to construct a new Single Radius Pipe Arch culvert on Bear Hill Road. The purpose of this work is to replace an undersized culvert with a new pipe arch of adequate size as determined and specified by the VT Agency of Transportation.

Background

In 2015, the VTrans Hydraulic Unit completed a Hydraulic/Hydraulics study of an existing culvert crossing of Bear Hill Road in Brookfield. The existing 36-inch diameter corrugated metal pipe was found not to meet the current standards of the VTrans Hydraulic Manual or state stream equilibrium standards for bankfull width. The Study went on further to recommend alternate structures as replacements to the current pipe.

Over the next several years, VTrans, working with the Town, advanced the design. The selected structure to be constructed, is an 8-foot by 3-foot 4-inch Contech (or approved equal) Single Radius Pipe Arch with inlet and out let reinforced concrete headwalls. The Arch is to be anchored to reinforced concrete footings pinned to ledge.

Proposal

1. Proposals shall be received in the Brookfield Town Office, 40 Ralph Road, PO Box 463, Brookfield, VT 05036, on or before the close of business (4:00 p.m.) March 7, 2024, in a sealed envelope clearly marked "Bear Hill Road Culvert Replacement" on the outside of the envelope.
2. Questions may be submitted by email to the Town Administrative Assistant provided they are received no later than 3:00 p.m. on February 20, 2024 by the Administrative Assistant/Brookfield Town Office. The Administrative Assistant email address is [admin@brookfield.org](mailto:admin@brookfield.org). To receive a copy of any Addenda, the Contractor must provide the name of the project along with the Contractor's contact information to the Town's Administrative Assistant on or before this deadline above. Contractors are encouraged to check with the Administrative Assistant a week before the Proposals are due to be sure they have obtained any and all Addenda. The Town is not responsible for failure on the part of a Contractor to receive any and all Addenda or for accounts for such within the Bid.
3. The estimated cost shall include all Labor, Materials, Equipment, and appurtenances necessary to fully complete the work required along with the Contractors assumptions.
4. The Contractor, if awarded the contract, shall provide proof of insurance which covers both the workers and work being performed under this contract, including Commercial Liability, Business Auto Liability, and Workmen's Comp,
5. The Contractor is solely responsible for all work performed under this contract and shall assume full liability for any impacts resulting from the work including on the receiving Water and adjacent properties.

6. The Town reserves the right to reject, or negotiate terms regarding any or all proposal(s). Selection will be made on which proposal the Town deems best serves the interests of the Town.
7. Contractors shall submit three references of similar work, including contact information, with the Bid. Unless waved in advance by the Town.
8. All work on this contract shall be coordinated with the Town and be completed no later than September 30, 2024.
9. Contractor shall include a proposed traffic control plan and project schedule with their proposals.
10. Waste soil materials may be disposed of at a designated site identified by the Town or shall be the property of the Contractor and removed from the site for reuse or proper disposal by the Contractor. Currently the Town has identified a potential soil disposal area on Birch Meadow Road.
11. Damage to the roadway or adjacent properties as a result of the Contractor's work shall be repaired to pre-project conditions to the satisfaction of the Town. The Town and the Contractor shall Photograph of the construction site prior to commencement of the work to document existing conditions. Note, the Town has secured access to the adjacent property for construction, however, the Contractor shall minimize the use/disturbance of areas outside of the highway Right-Of-Way (3-Rods) to the extent possible.
12. Materials, performance of the work, and requirements (not including bases for payment) shall comply with the Vermont Agency of Transportation Standard Specifications for Construction and the VT AOT Hydraulic Manual and are considered a part of the Contract Documents.
13. Permits – The Town has secured a permit from Agency of Natural Resources, River Management section. A copy of this permit is attached. The Contractor is responsible for compliance with this permit which is a part of the Contract Documents. The Town anticipates that a State Construction Stormwater Permit will also be required for this project. Since this permit relies on the means and methods of construction, the requirement for obtaining this permit prior to commencement of construction is the Contractor's. The Town will assist the Contractor in the filing for this permit. A copy of the permit shall be provided to the Town prior to start of work.
14. A preconstruction meeting shall be arranged by the Contractor at the project site. At a minimum, the meeting shall include the Contractor's project Forman, the State River Management Engineer, Mr. Jaron Borg, and the Town. Adjacent property Owners shall also be notified and invited to attend.
15. Work shall be completed during the low flow period of July 1 and September 30, 2024 unless otherwise permitted or restricted by the Permits.
16. The Hydraulic Unit's June 2, 2015 report contains several "General Comments". These recommendations, inlet and outlet flared concrete wingwalls & Type II Stone Fill to protect any disturbed channel banks and the roadway slopes at the inlet and outlet, shall be adhered too and considered a part of the Contract. Copy of H&H report is attached.
17. A copy of the Comcast plans and details are attached.

Town of Brookfield, VT

Bear Hill Road Culvert Replacement

BID FORM

Contractor \_\_\_\_\_

Address \_\_\_\_\_  
\_\_\_\_\_

Phone Number \_\_\_\_\_ email \_\_\_\_\_

Proposed prices shall be presented in both written and numerical format.

**BASE ESTIMATE**

1. The furnishing of all Labor, Materials and Equipment to remove the existing 36-inch culvert and install a new Single Radius Pipe Arch culvert and appurtenances as specified and details herein, the proposed price of \_\_\_\_\_ dollars and \_\_\_\_\_ cents, \$\_\_\_\_\_.\_\_\_\_\_.

**UNIT COSTS**

- A. Reinforced Concrete, the unit cost per cubic yard including all materials, labor, equipment and forms, to form, place, pour and finish concrete walls, footings, the unit cost of \_\_\_\_\_ dollars and \_\_\_\_\_ cents, \$\_\_\_\_\_.\_\_\_\_\_.  
Per cubic yard.
- B. Type II Stone Fill, the unit cost per square yard including all material, labor and equipment to prepare the surface and place Type II Stone fill to protect any disturbed channel banks or roadway slopes, the unit cost per square yard of \_\_\_\_\_ dollars and \_\_\_\_\_ cents, \$\_\_\_\_\_.\_\_\_\_\_.
- A. Type II E-Stone, the unit cost per cubic yard including all material, labor and equipment to prepare the surface and place Type II E- Stone fill within the structure and channel, the unit cost per cubic yard of \_\_\_\_\_ dollars and \_\_\_\_\_ cents, \$\_\_\_\_\_.\_\_\_\_\_.

Submitted this \_\_\_\_\_ day of \_\_\_\_\_, 2024

Duly Authorized Agent of \_\_\_\_\_

Name \_\_\_\_\_

Signature \_\_\_\_\_