



# TOWN OF MENDON

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## Invitation for Bids

### Town of Mendon, VT

### TH#22 – Journeys End

### Erosion Control and Road Reconstruction Project

**Bids from qualified contractors will be accepted until 10:00 am on August 8, 2024**, at the **Mendon Town Garage at 157 Park Lane, Mendon, VT 05701**. Bids will be opened on August 8<sup>th</sup> at 11:00 am in the order that they are received. Bids can be hand delivered, emailed or mailed to be received before the deadline. Please title the bid “Journeys End Erosion Control and Reconstruction Project”.

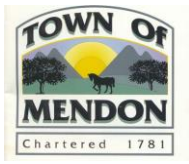
The project is located on Journeys End in Mendon at the end of the pavement to the end of the road and intersection of 5 driveways, approximate project length .22 miles. The installation of erosion control measures is phase A of the project and is partially funded by a Better Roads Program Grant. Expenses must be kept separate and submitted in accordance with the grant requirements. The scope of work of phase A will include excavation and installation of catch basin, cross culvert, driveway culverts, subbase gravel, excavate rock lined ditch & establish grass lined ditch, traffic control, seed, topsoil, mulch, mobilization and demobilization of material and equipment. Phase B will consist of reconstruction of the roadway to include excavation, installation and compaction of road bed state spec material and paving. The VAOT 2011 Standard Specifications for construction as modified shall apply. All Federal, State and local laws apply.

All construction will be in accordance with the Town of Mendon Highway Specifications Class 3 Roadway, the Agency of Transportation Standard D-33 and the Municipal Roads General Permit.

The final surface pavement will be applied at 2.5” base course of HMA Type II and 1.5” top of HMA Type IV compacted.

Traffic Control must be in accordance with the 2009 MUTCD. The road must maintain access during construction.

Bidder agrees to start work under this contract after the Notice to Proceed has issued and that the Final Completion of the construction project is **September 15, 2024** with the final paving completed by **October 15, 2024**.



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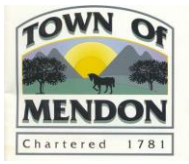
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A **mandatory site visit** will be conducted at **9:30 am on July 30, 2024** with Mendon Road Commissioner, Chirs Baird. Please meet at the project location on Journeys End parking on the right side of the paved section of the road to maintain access to the end of the road. If you are unable to attend this site visit, please contact Chris Baird at 802-770-2169.

The lowest qualified bidder will be determined by the lowest bid price written in words and upon satisfactory review of qualifications and references. Please use the bid sheet included in the invitation to bid along with your supporting information that can be submitted with the bid sheet.

Minority and women-owned businesses are encouraged to submit a bid.

Three references are required with demonstrated experience with like projects.



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## Bid Sheet

### Town of Mendon, VT

### Erosion Control and Road Reconstruction Project

Company Name: \_\_\_\_\_ Date: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_

Phase A Bid Price \_\_\_\_\_

Phase B Bid Price \_\_\_\_\_

Total Bid Price \_\_\_\_\_

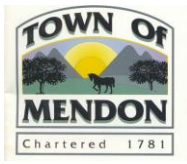
Total Bid Price Written in Words:

\_\_\_\_\_  
\_\_\_\_\_

Duly Authorized Agent: \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_



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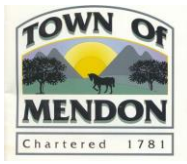
## Journeys End

### Erosion Control and Road Reconstruction Project

#### Project Overview

The Town of Mendon is committed to solving the water issues on Journeys End that contributes to unsafe driving conditions, increased annual maintenance costs, erosion and diminished water quality in the Rutland City Watershed. The project will reconstruct .22 miles of Journeys End currently a gravel road, install erosion control measures and prepare the base for paving and then pave. The Journeys End Project is designed to solve the roads' 2 main issues. First, water from multiple driveways and from roadway is causing erosion of the road and filling up the undersized ditch with sediment. Water sheeting across the road causes significant icing in the winter. One section of the road has underground water surfacing in the road further contributing to the erosion of the road and sediment filling the ditches. The water then enters a private pond before ultimately entering Mendon Brook. Second, the existing dirt section of the road will be reconstructed and paved.

The project will include remediation of a spot where the water is surfacing in the roadway. Tree removal and bank excavation to open up the road to allow for three foot (3') U-shaped grass ditches to be installed on one side of the road. A power pole will be relocated by Green Mountain Power. The project will reconstruct three hundred and sixty (360') feet of ditches. The water from the location of the root cellar downhill on the road will be directed off the road with proper crowning of the road into appropriate ditches where it will enter the existing catch basin and cross culvert before entering the pond. The water from beyond the root cellar on the uphill side of the road will be directed off the road with proper crowning and into a catch basin and a cross culvert to deposit the water into a vegetated area. Driveway culverts will also be installed to direct water into the designated vegetated area. The Better Roads Program Journeys End Erosion Control Project Application (redacted) is attached for further description detail of the project. (See attached).



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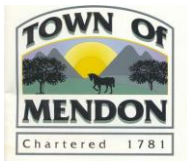
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## Site Assessment and Preparation

1. The Contractor **shall** conduct a thorough assessment of the Journeys End dirt road area where the erosion control measures are to occur.
2. The Contractor **shall** specify erosion control measures they intend to use during the construction phase of the project.
3. The Contractor **shall** include installation procedures, planned materials, and the maintenance moving forward to keep erosion control measures in place.
4. The Contractor shall ensure that the road is drained so that no water will remain and collected in any one spot or form a pool. To ensure proper drainage, culverts under driveways must be eighteen (18) inches in diameter. The culvert under the road must be twenty-four (24) inches in diameter and +/- 60 feet long.
5. The Contractor shall ensure that suitable vegetation is planted and established wherever construction has left the earth subject to erosion.
6. The Contractor shall ensure that all brush and trees will be cut to a width to allow for the installation of 3' ditches. All debris to be removed from the right of way.

## Dirt Road Section Reclaiming and Reconstruction

1. The Contractor **shall** layout the scope for building up the dirt road section to Vermont Agency of Transportation (VAOT) 2011 Standard Specifications and ensure that the road sub-base will consist of a minimum of 18 inches of bank run gravel, one and one half (1 ½) inch crushed gravel of at least four (4) inches, an approved filter blanket (a GEO textile fabric) on six (6) inches of sand cushion below the gravel sub-base will be required.
2. The Contractor **shall** specify the materials needed (e.g., gravel, aggregate) and their quantities.
3. The Contractor **shall** detail the process including excavation, grading, compaction, and drainage considerations.
4. The Contractor **shall** ensure compliance with all state regulations and standards for road construction.
5. The Contractor **shall** request Green Mountain Power remove old power pole.
6. The Contractor **shall** reestablish the ditch line from address #688 (Stevens) driveway to the pond +/- 25'.



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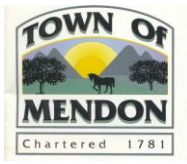
7. The Contractor **shall** cut the bank back in front of address #702 (Abatiell) property removing some trees.
8. The Contractor shall not disturb the root cellar.
9. The Contractor shall install a 24" catch basin to the south side of address #784 (Hart/Hubbard) with a 24" cross culvert to the vegetated area to the left of address #789 driveway (Rice).
10. The Contractor **shall** reestablish crown of address # 784 (Hart/Hubbard) property within the right of way.

## Paving

1. The Contractor **shall** ensure the center line grade shall not exceed ten (10) percent.
2. The Contractor **shall** ensure that the final surface pavement will be applied at 2.5" base coarse of HMA Type II and 1.5" top of HMA Type IV compacted.
3. The Contractor **shall** outline the paving process, including base preparation, and paving operations.
4. The Contractor **shall** ensure that the compaction is at 95% or greater. Three rollers will be used to ensure this.
5. The Contractor **shall** ensure that where the road passes any driveway, an apron taper will be added to allow for smooth access entering and exiting the driveways.
6. The Contractor **shall** specify testing requirements for materials, compaction, and pavement quality.
7. The Contractor **shall** identify responsible parties for inspection and testing activities.
8. The Contractor **shall** ensure all construction will be in accordance with the Town of Mendon Highway Specifications Class 3 Roadway, the VAOT Standard D-33.

## Quality Assurance and Control

1. The Contractor **shall** ensure that Traffic Control will be in accordance with the 2009 Manual on Uniform Traffic Control Devices for Streets and Highways (MUTCD).
2. The Contractor **shall** ensure that a single lane is open for the residents of Journeys End and any necessary Emergency Services.
3. The Contractor **shall** be responsible for the flaggers stationed at both ends of the project.



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4. The Contractor **shall** understand that the Town of Mendon Highway Department will obtain random samples for testing to ensure that the gravel is up to VAOT specifications.
5. The Contractor **shall** establish quality assurance measures to monitor construction activities and ensure compliance with specifications.

## **Environmental and Safety Considerations**

1. The Contractor **shall** ensure project complies with the standards of the Municipal Roads General Permit.
2. The Contractor **shall** address measures to prevent pollution from construction activities, such as sedimentation and runoff control.
3. The Contractor **shall** ensure compliance with Occupational Safety and Health Administration (OSHA) regulations and industry best practices for worker safety.

## **Project Schedule and Timeline**

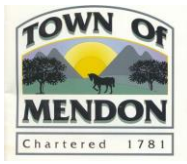
1. The Contractor **shall** agree to start work under this contract after the Notice to Proceed has issued and that the Final Completion of the construction project is September 15, 2024 with the final paving completed by October 15, 2024.
2. The Contractor **shall** identify critical path activities and dependencies to mitigate delays and ensure timely completion of the project.

## **Contractual and Legal Requirements**

1. The Town will prepare a Notice of Award, Notice to Proceed and Contract for the work.
2. The Contractor **shall** acknowledge that all Federal, State and Local Laws apply.

## **Budget and Cost Estimates**

1. The Contractor **shall** provide detailed cost estimates for materials, labor, equipment, and other project expenses.



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2. The Contractor **shall** include provisions for contingency funds and potential cost overruns.
3. The Contractor **shall** ensure transparency and accountability in budget management and financial reporting.
4. The Contractor **shall** keep expenses separated as the erosion control measures on the dirt road section are being partially funded by a Better Roads Grant. Expenses must be kept separate and submitted in accordance with the grant requirements.
  - a. This includes: mobilization of equipment, materials and supplies for erosion control measures, flagging, excavation of ditches, excavation of roadway in the area of surfacing water and mitigation measures, purchase, excavation and installation of driveway culverts, cross culvert and catch basin, tree removal and excavation of bank. This work is referred to as Phase A.
  - b. Expenses related to the reconstruction of the remaining project area and subbase material and compaction of the .22 mile section and paving are not part of the project cost of the Better Roads Program Grant and must be billed separately. This work is referred to as Phase B.

## Communication and Reporting

1. The Contractor **shall** establish communication channels and protocols for project stakeholders, including regular progress updates, meetings, and reporting.
2. The Contractor **shall** define roles and responsibilities for project team members and stakeholders.
3. The Contractor **shall** provide relevant project information for the Town to address any public relations or community engagement effort related to the project.