



TOWN OF MENDON

Invitation for Bids

Town of Mendon, VT

US Route 4 Mendon Village

Solar Powered Radar Speed Limit Signs Project

The Town of Mendon seeks to have a radar speed limit feedback sign installed on US Route 4 located on the East and West ends of the Village of Mendon, Vermont. These signs will be installed with a solar battery to power it. The intention is to create a safer community by giving drivers a visual cue to reduce their speed on the road.

Before installing the Driver Feedback Sign, an installation site must be selected. It is very important to select a site with the following characteristics: Pre-Install There must be a clear view of the sign from the roadway for at least 500 feet, and the viewing area must be clear of trees. Attenuation of the radar's signal, caused by trees, may reduce the radar's effective range. Do not install the sign facing an intersection or bridge if possible. If the sign must be installed facing an intersection or bridge, the sign should be located at least 400 feet away. Cross-traffic may be registered by the radar as an oncoming vehicle. The sign should be located at least 200 feet away from large street signs that fall within the radar's detection zone and cause the radar to reflect its' output. Reflecting the radar's output by objects such as signs may cause vehicles to be detected in the opposite direction. Install sign in roadway geometries that allow clear view of the sign's display and provide the most efficient radar detection zone. Proper site selection will provide the greatest traffic calming effect and sign performance.

Using Class B concrete (3000psi), the concrete footing will be installed to a depth of 4' (FOUR FEET) and width of 2' (TWO FEET). There are 4 anchor bolts that are secured in the footing along with a flexible conduit to run a #6 grounding wire to a ground rod. The ground wire will be attached to the ground rod using an exothermic weld. There will be 4 #6 Bars 5" shorter than the footing height.

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, and the Agency of Transportation Standard D-33. Traffic Control must be in accordance with the 2009 MUTCD. The road must maintain access during construction.



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Bidder agrees to start work under this contract after the Notice to Proceed has been issued and that the Final Completion of the construction project is October 2nd, 2026. A mandatory site visit will be conducted at 12:00 pm on March 11th, 2026, with Mendon Road Commissioner Chirs Baird. Please meet at the project location on US Route 4, parking on Orchard 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. 2282 US Route Mendon, VT 05701 – Tel: 802.770.2169 – roads@mendonvt.gov

Bids from qualified contractors will be accepted until 11:00 am on March 18th, 2025, at the **Mendon Town Garage at 157 Park Lane, Mendon, VT 05701**. Bids will be opened in the order received. Bids can be hand delivered, emailed or mailed to be received before the deadline. Please title the bid “Solar Powered Radar Speed Limit Signs Project”

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Bid Sheet

Town of Mendon, VT

Solar Powered Radar Speed Limit Signs Project

Company Name: _____ Date: _____

Address: _____

Total Bid Price _____

Total Bid Price Written in Words:

Duly Authorized Agent: _____

Phone: _____

Email: _____