Infrastructure Grants Application Narrative

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This application narrative is a required component of proposing broadband infrastructure projects. Please contact ConnectMaine staff for any assistance needed.

**Instructions**

The Application Narrative may be uploaded to the Grants Portal as the Word document file format, or as an Adobe pdf format if the text can be selected, i.e., not a photo pdf.

The information included in the Application Narrative must be consistent with information entered into the Grants Portal:

* Name of the legal applicant
* Eligible entities, with regard to technical, managerial and financial capacity, and experience in operating the network

Applicants must insert information in the order requested in the Application Narrative, rather than including addendums or references. The information included in this narrative should be kept as brief as possible.

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# Applicant Eligibility

ConnectMaine must determine that the responsible entity is capable of installing, using and managing broadband infrastructure.

Legal Applicant:

Indicate which entity(ies) will build, own and operate the network.

Demonstrate technical, managerial and financial capacity, and experience in operating the network.

# Project Scope

ConnectMaine must determine that the proposed project would meet performance criteria.

## Proposed Network

Specify the network technology proposed to support the proposed levels of broadband service listed in the Application Data Form.

Indicate how the technology is upgradeable.

Explain the estimated project cost, any relevant factors that increase the cost or difficulty in expanding broadband service, and how proposed costs are reasonable and proportional to the project scope, including density and geography of the project area.

## Technical Details

Specify the standard or standards to be used in the proposed network, e.g., DOCSIS 3.x, GPON, EPON, NG-PON2, XGSPON, Active Ethernet, etc.

Describe how any existing infrastructure is being leveraged, and how the proposed network will be interconnected with existing networks.

Identify any technical equipment vendors to the extent known at the time of application.

If wireless technology is involved in the proposed project, then describe the wireless network technology and spectrum; the assumptions used to generate the predicted coverage, which shall include the prediction tool used; terrain and clutter resolution used to generate the plot; the signal strength, RSSI or RSRP for an LTE network, and threshold at which areas are considered covered or uncovered; and the assumed height above ground level of subscriber equipment.

## Active Community

Describe how the project is unique with regard to any widespread community engagement, including any participation by the affected communities in broadband planning programs or technical assistance received.

Describe how the affected communities have been uniquely supportive of the proposed project.