



TOWN OF MILLINOCKET

197 Penobscot Avenue
Millinocket, Maine 04462
Office of Town Manager/Treasurer
(207) 723-7000

RFP FOR ENGINEERING

MILLINOCKET, MAINE

PENOBSCOT AVENUE LIGHTING AND LIGHTING & RECEPTACLES AT VETERAN'S PARK

APRIL 16, 2021

OVERVIEW

This is an RFP for engineering for street lighting and park electrical infrastructure upgrades. The scope of work in this RFP is conceptual only. The project will generally be as follows.

CONCEPTUAL SCOPE OF WORK

Streetlights on Penobscot Avenue

Twenty-two poles and light fixtures are to be removed and replaced. The location of the streetlights is shown on attached Google Earth mark-up labeled Map #1. Existing concrete piers and underground wiring are to be re-used. Adapter plates to mount on the existing piers may be needed. The Engineer is to specify LED fixtures mounted on new poles. The fixtures and poles are to be dark sky decorative assemblies. The poles should be capable of accepting plant/sign holders.

Traffic signs on existing poles are to be relocated to the new poles. Street name signs on existing poles are to be replaced with new street name signs mounted to the new poles.

The Engineer is to inspect all of the existing concrete piers. A repair plan is needed for those piers that are damaged. All piers, including ones not needing repair, and those needing repair, are to look identical at the completion of the project. This may require cosmetic work for all piers.

Veterans' Park

General

All above ground wiring for lights and convenience power is to be removed. The only above ground wiring that will remain will be the main Versant Power lines that run above the Park. All wiring for this project is to be underground. Existing receptacle stations are to be removed.

The power connection may be at the same pole as it is now. The Engineer is to confirm this. Underground wiring is to be run to a new meter box and distribution panel to be mounted on a new, aesthetically designed post. The distribution panel is to have individual circuits for lighting, 120-volt receptacles, and 230-volt receptacles.

The existing wireless internet devices mounted on a pole near the distribution panel are to remain in service. A more aesthetic mounting is recommended as part of the project scope of work.

This project does not include any electrical work, whether above ground or below ground for the gazebo or the Vendor ice cream truck stand that has its own independent power supply.

Lights

The three existing light poles are to be removed. The Engineer is to specify new dark sky LED decorative assemblies. The new lighting units are to match those on Penobscot Avenue, with base extensions as needed to have the lights at suitable elevations.

Convenience Power

Existing electrical outlets are to be removed. New 120 volt and 230-volt receptacle stations are to be installed generally as shown on the attached sketch, Proposed Layout, Rev 1, 3-30-2020. The sketch is conceptual only and the Engineer will develop plans for numbers of receptacles and their locations. In addition to 120 volt and 230-volt receptacles to be located along the parking lot, receptacles will be placed near the base of each lighting pole where there will be benches, and power is needed outside of Santa's shed. New benches are not included in this project.

Electric Vehicle Charging Stations

Procurement and installation of electric vehicle charging stations are not part of this CDBG project. However, the engineering phase should include a conceptual study of charging stations. Locations of charging stations should be determined near Veteran's Park, and power supply to the chargers should be reviewed. A spare conduit could be buried in the trench supplying power from Versant Power's pole to the new electrical distribution box mount in the Park, saving future excavation in the same area. A high-level scope of work and cost estimate is to be provided by the Engineer.

ENGINEER'S PROPOSAL

The Engineer will, in consultation with representatives for the Town of Millinocket, develop firm scopes of work and construction specifications and drawings. The Engineer will then prepare an RFP for the Town to use to solicit lump sum construction proposals for the work. The Engineer's proposal will be evaluated using the attached spread sheet. All criteria shown on the spread sheet are to be addressed in the Engineer's proposal.

The selection of the Engineer will be qualification based. Engineering fees and rates are not to be included in the proposal. A fee will be agreed to after the qualification-based selection has been done. At that time, the Engineer will be required to have its agent submit a Certificate of Insurance to the Town of Millinocket naming it as an additional insured.

Time is of the essence for the project due to the timing of funding.

The Engineer will refine the project scope of work in consultation with Town of Millinocket representatives. The Town will be asked to identify one contact person for the Engineer to work with, both during the Engineer's bid period and during implementation of the project.

The Engineer will prepare a project cost estimate when developing the final scope of work.

The Engineer will prepare bid documents for the Town to use to solicit lump sum bids for construction. Bid documents must be prepared to allow contractors to submit lump sum proposal for all materials and construction. Low bid will be used to select the contractor. The Engineer will assist the Town select the lowest qualified bidder.

The Engineer is welcome to visit the site during its bid period. Please contact Interim Town Manager Richard Angotti via e-mail address: Manager@Millinocket.org or office telephone at 207-723-7000 ext. 5 to request a site visit.

ENGINEER BID PERIOD

Proposals will be due from the Engineers on May 28, 2021

CDBG FUNDING

CDBG requirements for implementing the project are attached to this RFP. The Engineer will need to include all of the applicable forms in the construction RFP. Three e mails from Terry Ann Holden, Maine CDBG, are attached also. The e mails explain use of the forms.

ATTACHEMNTS

Map #1
Proposed Layout at Veteran's Park
Terry Ann Holden emails
CDBG forms; sixteen forms