



**State of Maine
Bureau of General Services
Division of Planning, Design & Construction**

**Request for Qualifications
Information for Architects and Engineers**

The Department of Defense, Veterans and Emergency Management wishes to procure architectural/engineering services for the Camp Keyes Micro Grid Project at MEARNG Camp Keyes in Augusta, Maine.

The scope of this project includes, but is not limited to, Type A (Investigative), B (Design), and C (Construction Administrative) services for a resilient micro grid for Camp Keyes in Augusta, Maine. The consultant will review the existing electrical distribution and emergency infrastructure to determine the most feasible approach to providing routine, reliable, and resilient electrical and emergency generation for the Camp Keyes facilities. The project will also include energy conservation measures such as combined heat and power, battery storage systems, domestic electric hot water, lighting and demand management that will contribute to the reduction of overall electrical demand for the Camp Keyes facilities, as well as supervisory control and data acquisition infrastructure for the micro grid and its interface with the external electrical grid. The project will be in accordance with all applicable regulations, Design Guides, Unified Facilities Codes, and Department of the Army and National Guard Bureau requirements. The firm may be required to coordinate this work or additional work with other consultants contracted by the Owner.

The Maine Army National Guard (MEARNG) has prioritized its energy and water security requirements for the Camp Keyes Training Site to ensure that reliable quality fuel, power, and water are available to sustain the mission.

Camp Keyes consists of approximately 19 acres with 22 buildings. The camp was originally constructed in 1954 has undergone many improvements involving building demolitions, renovations, repairs and new construction over its life. There are two separate electrical utility services that provide power to Camp Keyes. The two “aging” distribution systems have a combined peak demand of approximately 750 kW and they are not interconnected. There are three emergency generators with a total capacity of 900 kW that provide emergency power and they are not interconnected. The generators provide emergency generation to dedicated facilities and there is no means to back feed the two distribution systems.

The overall goal of the project is to provide a resilient micro grid to ensure Camp Keyes Training Site can operate on either electric distribution system with the ability to use all the generation assets in the event of a utility power outage on one or both of the electrical services, as well as making it more energy efficient. Type A services to be awarded in time to be



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completed by 29 April 2022. Type B and C services to follow at a later date. The estimated construction cost for this project is \$725,418.

Interested firms should submit *one paper copy and one electronic copy* of a Letter of Interest with a Statement of Qualifications which includes the firm's response to each of the following criteria.

- A. qualifications to undertake this project;
- B. documented experience with budgets, estimating, and project cost control;
- C. list of projects that demonstrate the firm's capabilities;
- D. list of recently completed work of similar type and size projects, with client contact information for each project;
- E. organization of team and profiles of key personnel who would be involved in the project;
- F. statement of current workload and ability to absorb the project; and
- G. list of business references other than those listed above, including contact information.

The *paper copy* of the Letter of Interest and Statement of Qualifications should be sent to Mr. Ralph F. Turner, PE, Facilities Project Manager, Bldg.7, Camp Keyes, 194 Winthrop Street, Augusta, Maine 04330 so as to be received not later than **1:00 PM on 13 January 2022**. The *electronic copy* of the Letter of Interest and Statement of Qualifications should be sent as an attachment to an email addressed to BGS.Architect@Maine.gov and ralph.f.turner4.nfg@army.mil so as to meet the deadline noted above.

Firms responding will be screened and interviewed on the basis of qualifications only. Project fees and specific design solutions for this project will not be discussed at the interview. Specific program information will not be available before the screening of qualification packages. The selection committee will rank all firms and negotiate fees with the highest ranked firm.



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Architect-Engineer Procurement Process

The standard procurement process of Architect and Engineer design services for public improvements is a Qualification Based Selection (QBS) process per statute (Title 5, §1742 subsection 6), described briefly here.

1. The advertisement of this Request for Qualifications is the initial step in the process after the Agency assures that the project itself is approved and funded. A clear scope of services statement is an essential component of the advertisement.
2. Interested firms respond to the Request for Qualifications (RFQ) as described below, submitting the Letter of Interest and Statement of Qualifications to the Selection Committee.
3. The Selection Committee screens all submissions and invites the most qualified firms to interview for the project, typically three to five firms.
4. The Selection Committee interviews the firms. Second interviews may be scheduled. References are checked.
5. The Selection Committee ranks all of the interviewed firms. The Committee negotiates an agreement with the highest ranked firm based on the scope of professional services identified in the RFQ and interview.
6. A BGS Architect/Engineer Agreement is drafted.
7. The agreement must be approved by BGS before work commences.