



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

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

The Department of Marine Resources Bureau of Marine Science wishes to procure architectural/engineering services for the Boothbay Harbor Energy Efficiency Upgrades (BGS # 3707) at the Department of Marine Resources West Boothbay Harbor Laboratory in West Boothbay, Maine.

Project Description

The overall project goal is to displace the existing steam boiler heating system to the greatest extent possible with high efficiency cold weather rated heat pump systems. The approximately 25,000 sq. ft. facility is currently served by two low pressure boilers through coils in three primary air handler units. Cooling is provided by a cooling tower and chiller unit. Secondly, the Department of Marine Resources is interested in assessing the feasibility of using water source heat pump equipment that leverages seawater which is currently circulated through the building for the flow through sea water system. If that is not found to be a viable option, air source equipment would be preferred. Additionally, DMR would like the selected A/E firm to identify areas of high heat loss for added insulation and/or air sealing to reduce envelope heat losses.

Scope of Services

The scope of services for this project includes, but may not be limited to, upgrade of the facility heating system, schedule and cost estimating, preliminary design, design development, contract documents, and administration of bidding and construction. The selected A/E firm may be required to coordinate this work or additional work with other consultants contracted by the Owner.

Project Budget

The construction budget is approximately \$1.5 million with an overall project budget not to exceed \$1.95 million.

Anticipated Schedule

RFQ responses due	11/27/2023
Short-listed firms notified	by 12/1/2023
A/E firm interviews.....	12/4/2023 to 12/8/2023
A/E firm selection.....	12/15/2023



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Agreement approved..... by 1/19/2024
Design completed..... by 4/26/2024
Bids received..... by 5/24/2024
Construction completed by 6/1/2025
Project duration..... 1/19/2024 – 8/31/2025



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Submission Requirements

Interested firms should submit *three paper copies* and *one electronic copy* of a Letter of Interest with a Statement of Qualifications which includes their response to criteria A through G in the Selection Criteria table below.

The *paper copies* of the Letter of Interest and Statement of Qualifications should be sent to Carl Wilson, Director, Bureau of Marine Science, 194 McKown Point Road, West Boothbay Harbor 04575 so as to be received not later than **1:00 PM on November 27, 2023**.

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 Carl.Wilson@maine.gov so as to meet the deadline noted above. Alternate methods of providing electronic copies, such as website links to file sharing sites, or flash drives, or encrypted e-mails are unacceptable and may invalidate the entire submission.

Selection Criteria

A.	Qualifications to undertake this project	Professional experience in general. Quality of services. Relevant disciplines. Size of firm or firms. Understanding of this project. Responsiveness to project by virtue of proximity. Discuss each of the above especially as it relates to the work of this project.
B.	Cost control experience	Ability to manage project budgets, and design to budgets, to create accurate construction cost estimates, and to utilize project cost controls in design and construction.
C.	Project experience	List of projects that demonstrate capabilities, with services provided for each project. Provide project details, date of completion, and client contact information for each. Note the involvement of the particular personnel who are proposed for this project.
D.	Similar project experience	List of recently completed projects similar in type, size, and other elements. Provide project details, date of completion, and client contact information for each. Note the involvement of the particular personnel who are proposed for this project.
E.	Project team	Organization of project team, with profiles of key personnel who would be involved in the project. Provide education,



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		special training, experience, and responsibilities of personnel, especially as it relates to the work of this project. Experience working together as a unit.
F.	Workload projection	General illustration or statement of the ability of the project team to respond to this project schedule.
G.	Business references	List of business references other than those listed above, including contact information.

Firms responding shall employ personnel who have current licensure in the State of Maine who will serve as Architects, Engineers, and Landscape Architects of Record on this project. This project will utilize the standard BGS contract forms, available on the BGS website (<https://www.maine.gov/dafs/bgs/forms>).

Firms responding will be screened and interviewed on the basis of qualifications only. Project fees and specific design solutions for this project shall 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.

Architect-Engineer Procurement Process

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

1. This Request for Qualifications (RFQ) solicitation is the step in the process after the Owner entity allocates funding, and receives approval from BGS to conduct the procurement.
2. Interested firms respond to the 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.



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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.