

REQUEST FOR QUALIFICATIONS FOR UNIVERSITY OF MAINE DARLING MARINE CENTER

Marine Culture Lab

April 18, 2025

SECTION I: SUMMARY

The University of Maine Darling Marine Center, located in South Bristol, Maine, desires to procure architectural and engineering design services from individual firms or teams for the **Darling Marine Center Marine Culture Lab**.

General

The proposed project involves renovating the Marine Culture Lab to establish essential infrastructure for a shellfish hatchery and kelp nursery, aligning with the federal award requirements.

Conceptual Project Description

Improvements to the seawater system—including heating, filtration, and supply—are necessary to bring the facility up to industry standards and maintain its status as a leading research center. Additional components, such as space for a Center for Blue Innovation, may be incorporated into the project at a later stage.

Key upgrades include:

- **Seawater System:** Construct an engineered, hatchery-grade seawater system with enhanced supply, routing, heating, and filtration.
- **Pump System:** Evaluate and potentially rehabilitate the seawater pump system to meet hatchery operational needs.
- **Macroalgae Research Space:** Create a dry, sealed research area with walls, doors, casework, and curbing.
- **Flooring & Finishes:** Resurface and epoxy floors; paint and seal the exposed second-floor subfloor.
- **Ceilings & Doors:** Replace ceiling tiles with water-resistant materials; replace damaged doors and install card access controls on exterior doors.
- **HVAC:** Upgrade the system with dedicated climate controls and mini-split units.
- **Plumbing:** Replace the existing system with a modified design featuring new sinks, outlets, drains, and retrofits to support wastewater management and prevent potable water contamination.
- **Electrical:** Upgrade the system with redesigned interior lighting, higher-capacity electrical panels, adequate backup power, and electricity meters.

The project is anticipated to have a schedule as identified below with the following phases for design services:

Phase 1	Design Services	Approximate Length of Time
Schematic Design	Needs analysis, preliminary floor plans	2 months
Design Development	Detailed building plans	2 months
Construction Documents	Bidding Plans and Specifications	2 months
Construction Administration	Administrative and field support	Construction duration, 10 months
Close Out	FFE, commissioning and other support	1 months

Design for the project will begin immediately following execution of a design agreement with the selected firm or lead firm. Individual firms or teams desiring to be considered should submit a letter indicating interest and the ability to start work immediately.

SECTION II: REQUIRED SUBMISSION INFORMATION

The team's Statement of Qualifications shall respond to each specific selection criteria, with responses organized in Marine Culture Lab

discrete sections and in the same order as presented below. Each team's submittal must include an index, with tabs corresponding to each criterion.

- A. Letter of Interest with Team Profile. For teams, please indicate which firm is the lead firm. Please include the email address and physical address of letter signatory.
- B. Design Experience. Experience in the design of projects of similar size and scope in the past five (5) years which demonstrates the firm's ability to manage the project through all project phases:
 - 1. Include examples of designs for post-secondary institutions with recording studios.
 - 2. Include examples of the design for renovations of existing facilities.
 - 3. Include information regarding firm's ability to manage schedule and budget in each project description.
 - 4. Do not include projects unless personnel from the previous work will be assigned and dedicated to this project.
- C. Principal Team Members. Resumes and roles of each team member expected to perform the work and their anticipated time commitment to this project.
- D. References. Names, telephone numbers and email addresses of references specific to the relevant projects as well as references for proposed project team members. Provide a minimum of three (3) references (name, address, telephone number, and email address) who are current or former clients for whom similar work has been performed within the last three (3) years and who can be contacted by UMS with respect to the firm's reputation for work, responsibility, timeliness, cost, and efficiency. References from current UMS employees will not be accepted. Letters of reference may be submitted with additional information as appropriate.
- E. Consultants. A list of outside consultants expected to be used for this project, including the expected extent of involvement these consultants will contribute to the project from Schematic Design through construction.
- F. Sustainable/Green Building Design. Demonstrated experience incorporating sustainable and green building design concepts, especially with year-round HVAC needs in Maine climates.
- G. Other Related Information. As desired, provide any other information the firm or team considers relevant to the evaluation of the firm's or team's qualifications. Prospective designs or solutions for the projects will not be evaluated for selection purposes.

SECTION III: SUBMISSION PROCESS

- A. Submission and Selection Schedule.

The process schedule is anticipated to be as follows:

University advertises for qualifications	start Saturday, April 19, 2025
Deadline for Questions due no later than 4:00pm	Tuesday, April 29, 2025
Email Questions to cppmquestions@maine.edu	
Response to Questions due no later than 4:00pm	Thursday, May 1, 2025
Qualifications submissions due no later than 2:00pm	Thursday, May 8, 2025
Anticipated notification of firms to be interviewed	Week of May 12, 2025
Presentations/Interviews (interview time selected by lot)	Week of May 19, 2025
Anticipated notification of selected firm and non-selected firms	week of May 26, 2025

- B. Contact Person. Questions regarding this RFQ, see deadline for question submission above, shall be submitted by email to:

Jacob Olsen
Assistant Director of Capital Planning and Project Management
cppmquestions@maine.edu

1. Questions with responses and updates will be posted on the FM web site as appropriate.
<https://umaine.edu/ofm/construction/advertisements>
2. Do not contact any other University employee, representative or student regarding this RFQ unless specifically directed to do so in writing by the designated contact.

C. Submissions. Qualifications shall be submitted according to the following:

1. Time, Date and Place Due. Submittals are due no later than **2:00pm** on **Thursday, May 8, 2025.**

All submissions shall be addressed and submitted to:

Jacob Olsen
Assistant Director of Capital Planning and Project Management
University of Maine System
Office of Facilities Management
5765 Service Building, Room 107
Orono ME 04469-5765

Submittals received by FM after the deadline will not be considered. Faxed or emailed submissions will not be accepted. Firms assume all risks of the method of delivery chosen. UMaine assumes no responsibility for delays caused by any package or mail delivery service.

2. Submission Identifier. The outside of containers in which proposals are submitted must be clearly marked with the firm's return address and the notation: **Qualifications to Provide Design Services, University of Maine; Marine Culture Lab**

3. Number of Copies. One (1) printed original, five (5) hard copies and one (1) .pdf copy on thumbdrive.

D. Other Information.

1. No site tours will be provided at this time.

SECTION IV: SELECTION PROCESS

- A. General. All qualifications submitted in response to this RFQ will be reviewed for completeness prior to referral to the Selection Committee.
- B. Selection Committee. The Selection Committee will consist of representatives from the University of Maine, including members of University of Maine Darling Marine Center, and University of Maine System Capital Planning and Project Management.
- C. Submittal Evaluation Criteria. The Selection Committee will determine the merit of submissions received in accordance with the responses provided to the qualification information requested in Section II.
- D. Interviews. Firms or teams with top-ranking submittals will be short-listed for an interview with members of the Selection Committee. Upon interview completion, the short-listed firms or teams may be further evaluated through UMS contact with listed references.

SECTION V: CONTRACTING REQUIREMENTS

- A. To be considered; design firms or teams must be capable of starting work immediately following the conclusion of the selection process. The selected design team will have a lead firm or form an LLP with whom the University will sign a single design agreement for the work. The structure of the team shall be determined by Marine Culture Lab

the team members. However, multiple agreements will not be considered.

- B.** The University intends to enter into an initial contract limited to Schematic Design. Following Schematic Design, confirmation of budget, and funding availability, additional design phases will be negotiated. The Design Fee will be based on Table 1 below from the State of Maine, Bureau of Real Estate Management Policy. The University will require documentation of rationale for the proposed fee.

TABLE 1
RECOMMENDED FEE SCHEDULE FOR ARCHITECTURAL/ENGINEERING PROJECTS

Construction Cost		A rate	B rate	C rate
		Negotiate fee amount based on hourly rates or a percentage of construction cost.		
up to	\$249,999	8.5 to 10.0%	9.5 to 11.0%	10.5 to 12.0%
\$250,000 to	\$499,999	8.0 to 8.5%	9.0 to 9.5%	10.0 to 10.5%
\$500,000 to	\$999,999	7.5 to 7.9%	8.5 to 8.9%	9.5 to 9.9%
\$1,000,000 to	\$3,999,999	6.8 to 7.3%	7.8 to 8.3%	8.8 to 9.3%
\$4,000,000 to	\$14,999,999	6.0 to 6.7%	7.0 to 7.7%	8.0 to 8.7%
\$15,000,000 to	\$49,999,999	5.0 to 5.9%	6.0 to 6.9%	7.0 to 7.9%
\$50,000,000 and above		5.0%	6.0%	7.0%
Add to the negotiated rate for new construction the rate shown at right for that portion of the project which is renovation.		2.0%	2.5%	3.0%

A rate. The reference A/E fee rate on projects of ordinary complexity, shown on Table 1 as a percentage of the budgeted or estimated construction contract value. Examples are garages; pole barns; aircraft hangers; parking structures; warehouses; enclosures or structures housing utilities; simple office buildings; et cetera.

B rate. The reference A/E fee rate on projects of moderate complexity, shown on Table 1 as a percentage of the budgeted or estimated construction contract value. Examples are office buildings with unusual program

requirements; educational facilities including an ordinary mix of classrooms, auditoriums, cafeterias, and office space; dormitories; athletic facilities; public safety, correctional, judicial, or other facilities with a limited amount of segregated public and secure spaces; armories, readiness centers and similar military facilities; simple medical facilities; et cetera.

C rate. The reference A/E fee rate on projects of extraordinary complexity, shown on Table 1 as a percentage of the budgeted or estimated construction contract value. Examples are correctional or judicial facilities with multiple separate spaces for security, administrative, public, and operational functions; laboratories with various specialized power and HVAC requirements; medical facilities with several interrelated and segregated functions; data centers; et cetera.

- C. The firm with whom the University will sign a contract must have an architect or engineer licensed to work within the state of Maine who will be required to seal all design documents. The firm shall be required to provide all construction and record drawings for this project on electronic media (CAD) in either .dwg (preferred) or .dxf format, as well as in .pdf format and prepare contract documents in accordance with CSI MasterFormat 2004 or most recent version.
- D. By submitting a qualifications packet the design firm or team accepts the University's standard contractual terms and conditions of service.

The Firm or Team selected will be required to show evidence of, and maintain through the one-year project correction period following substantial completion of the project, Professional Liability (Errors and Omissions) Insurance through a Company licensed to do business in Maine, with a minimum coverage per occurrence of One Million Dollars (\$1,000,000).

Other required insurance types and limits are described in AIA Document B102 – 2017 Standard Form of Agreement Between Owner and Architect under Article 1.5. The AIA B102 template can be viewed at the University of Maine System Office of Facilities Management and General Services web site at: <http://www.maine.edu/general-services/capital-planning-project-management/capital-construction-design-documents/>

Scholarships, donations or gifts to the University will not be considered in the evaluation of responses.

By Board of Trustee policy and Governor's Executive Order, the selected design firm or team will be required to design to green standards compliant with Executive Order 27 FY11/12 when applicable and cost-effective.

END OF REQUEST FOR QUALIFICATIONS