

REQUEST FOR PROPOSALS (RFP)
ISSUED BY
NORTHERN MAINE COMMUNITY COLLEGE & MAINE MARITIME ACADEMY
BUCKSPORT, MAINE

Date: April 1, 2024

1. Introduction

Purpose

Maine Maritime Academy is soliciting bids from a qualified shipyard for the acquisition of services related to the procurement, fabrication and installation of electronic propulsion controls with station keeping capabilities at two control stations, bow thruster and the associated control systems aboard the M/V Captain Susan J Clark. Project will require fabrication of additional control station on aft deck.

2. Background

2.1. The M/V Captain Susan J Clark is a USCG inspected aluminum hulled passenger vessel and is owned and operated by Maine Maritime Academy in Castine Maine. The vessel is primarily used as a ship handling and navigation training platform for academy students. As such a bow thruster and aft control station would increase the vessels ease of maneuverability as well as offer greater level of ship handling experiences to the students of MMA.

2.2. Vessel Particulars:

LOA: 70'

BEAM: 19'

Draft: 6'

Displacement: 32.96 LT Light Ship

Propulsion: Two, 535hp Caterpillar 3406C with Twindisc 5114a reduction gears.

3. Specifications

3.1. Objectives

3.1.1. Shipyard will procure, fabricate and install a bow thruster with aft steering station and the associated control systems aboard the M/V Captain Susan J Clark.

3.1.2. The following Glendinning electronic controls and all associated components necessary for station keeping and bow thruster integration are to be procured and installed:

1. SACTII Engine Control for mechanical engines Port and Stbd
2. CNTRL HD EEC3 Split TM
3. CC1 ProGrade-Twin,Inbd,4btn
4. CP Module,Throt/MechGear,Twin
5. PRO-PILOT PROPORTIONAL SIDE PO

6. JOYSTICK-GP BOW(REV B)
 7. Display Screen - V3 Low Pro Ba
 8. ProPosition Controller - NonPr
- 3.1.3. The following thruster or equivalent thruster is to be procured and installed:
1. Bow Thruster model: Sleipner SH240/250TC thruster
 - a. Thruster must integrate with electronic propulsion controls and station keeping module.
 2. 250 x 2000 x 7mm aluminum tunnel
- 3.1.4. The proposal shall describe the system and major system components.
- 3.1.5. The proposal shall include specific models and model numbers for major system components.
- 3.1.6. Major components include but are not limited to the following:
- 3.1.6.1. PTO Hydraulic pumps
 - 3.1.6.2. Proportioning valve
 - 3.1.6.3. Proportioning valve controller
 - 3.1.6.4. Controls
 - 3.1.6.5. Hydraulic tank
 - 3.1.6.6. System monitoring panel
- 3.1.7. The installation shall meet the following operational demands:
- 3.1.7.1. Control the vessel rudder angle, gear (ahead, astern, neutral), throttle, and thruster from both wheelhouse and aft controls stations.
 - 3.1.7.2. Bow thruster shall be able to be operated continuously, 100% duty cycle.

3.2. Project Management

The shipyard will work with Maine Maritime Academy's project manager. The shipyard will interface directly with the project manager as the primary contact person. Access to the vessel will be made available for Academy personnel, USCG, or any outside agencies as needed.

- 3.2.1. Bidders should list qualifications of the shop foreman assigned to the project. Bidder will notify MMA if there is a change in personnel.
- 3.2.2. Proposal shall include a description of the Shipyard Project management.
- 3.2.3. Proposal shall consist of dates and deadlines for specific stages of work to be performed.

3.3. Installation

- 3.3.1. Shipyard is responsible for developing drawings and a plan for the installation of a bow thruster and the associated control systems in compliance and accordance with all appropriate regulations including the Code of Federal Regulations and CFR Subchapter T.
- 3.3.2. Progress reports will be required at regular intervals throughout the project.

- 3.3.3. Drawings and plans must be submitted for approval by the USCG before any work is to be started.
- 3.3.4. No work shall be performed without prior approval by the project manager or other appointed MMA personnel.
- 3.3.5. Shipyard is responsible for verifying all dimensions and conditions prior to the start of any fabrication work.
- 3.3.6. Paints and coatings
 - 3.3.6.1. Shipyard shall prep, paint and finish in accordance with industry best practices for aluminum hulled vessels.
 - 3.3.6.2. Follow ABS regulations where applicable.

3.4. Post Installation

- 3.4.1. Shipyard is responsible for all clean up and disposal of waste.
- 3.4.2. Vessel shall be in clean condition after completion.
- 3.4.3. Vessel shall be sea trialed prior to delivery.
- 3.4.4. Shipyard is responsible for providing as built documentation and manuals.
- 3.4.5. Certificate of completion is predicated by a successful sea trial and US Coast Guard acceptance.
- 3.4.6. Warranty and Guarantee of work
 - 3.4.6.1. Proposal shall include a warranty and guarantee period.

4. Completion Date

- 4.1.1. Project is to be completed by August 1, 2024

5. Proposal Submission: Proposals will be received until end of business (4 PM) Friday April 5, 2024 (local time).

Any proposals received after this deadline will be rejected.

Proposals can be emailed to the following address: nhdrost@nmcc.edu
Proposal must be noted **“Bow Thruster and Electronic Controls for the Susan B Clark”**.

Northern Maine Community College and Maine Maritime Academy reserve the right to accept or reject any and/or all proposals at its sole discretion. NMCC is an EEO/AA Title IX, Section 504 employer

100% of the total costs of this purchase will be financed with Federal money.

NOTE: NMCC and MMA personnel are not allowed to negotiate prices – your proposal must be your best price for consideration.

NOTICE TO VENDORS AND BIDDERS:

STANDARD TERMS AND CONDITIONS APPLICABLE TO ALL MCCS CONTRACTS

The following standard contracting terms and conditions are incorporated and shall become a part of any final contract that will be awarded by any college or other operating unit of the Maine Community College System (collectively "MCCS"). These terms and conditions derive from the public nature and limited resources of the MCCS. MCCS DOES NOT AGREE TO:

1. Provide any defense, hold harmless or indemnity;
2. Waive any statutory or constitutional immunity;
3. Apply the law of a state other than Maine;
4. Procure types or amounts of insurance beyond those MCCS already maintains or waive any rights of subrogation;
5. Add any entity as an additional insured to MCCS policies of insurance;
6. Pay attorneys' fees, costs, expenses or liquidated damages;
7. Promise confidentiality in a manner contrary to Maine's Freedom of Access Act;
8. Permit an entity to change unilaterally any term or condition once the contract is signed;
and
9. Automatic renewals for term(s) greater than month-to-month.

By submitting a response to a Request for Proposal, bid or other offer to do business with MCCS, YOUR ENTITY UNDERSTANDS AND AGREES THAT:

1. The above standard terms and conditions are thereby incorporated into any agreement entered into between MCCS and your entity; that such terms and condition shall control in the event of any conflict with such agreement; and that your entity will not propose or demand any contrary terms;
2. The above standard terms and conditions will govern the interpretation of such agreement notwithstanding the expression of any other term and/or condition to the contrary;
3. Your entity will not propose to any college or other operating unit of the MCCS any contractual documents of any kind that are not in at least 11-point font and completely contained in one Word or PDF document, and that any references to terms and conditions, privacy policies or any other conditions referenced outside of the contract will not apply; and
4. Your entity will identify at the time of submission which, if any, portion or your submitted materials are entitled to "trade secret" exemption from disclosure under Maine's Freedom of Access Act; that failure to so identify will authorize MCCS to conclude that no portions are so exempt; and that your entity will defend, indemnify and hold harmless MCCS in any and all legal actions that seek to compel MCCS to disclose under Maine's Freedom of Access Act some or all of your submitted materials and/or contract, if any, executed between MCCS and your entity.