

BOARD OF HIGHER EDUCATION
REQUEST FOR BOARD ACTION

NO.: BHE 22-30

EXECUTIVE COMMITTEE DATE: January 24, 2022

BOARD DATE: February 1, 2022

**MASSACHUSETTS STATE COLLEGE BUILDING AUTHORITY Patriot II Pier
Upgrades Project MMA-0941-21 Massachusetts Maritime Academy**

MOVED: The Board of Higher Education hereby approves the attached
MASSACHUSETTS STATE COLLEGE BUILDING AUTHORITY Patriot II
Pier Upgrades MMA-0941-21 Massachusetts Maritime Academy

1. The Commissioner of the System of Public Higher Education (the "Commissioner") is authorized and directed in the name and on behalf of the Board of Higher Education (the "Board") to make a written request to the Massachusetts State College Building Authority (the "Authority") that the Authority initiate the projects described in EXHIBIT A attached hereto.

2. The Commissioner and all other officers of the Board, each acting singly, are authorized to request the Commissioner of Administration to approve in writing the initiation by the Authority of the projects for which a request is hereby authorized, and to do such other things and to take such other action as the officer so acting shall, as conclusively evidenced by the taking of such action, deem necessary or desirable to be done or taken to carry into effect the matters hereby authorized.

VOTED: Motion approved and advanced to the full BHE by the Executive Committee on 1/24/2022; and adopted by the BHE on 2/1/2022.

Authority: Massachusetts General Laws Chapter 15A, Sections 4, 6, and 9; Chapter 703 of the Acts of 1963, sections 1-3, et seq., as amended.

Contact: Joe Wallerstein, Interim Deputy Commissioner of Administration & Finance

MASSACHUSETTS STATE COLLEGE BUILDING AUTHORITY

EXHIBIT A

Massachusetts Maritime Academy

Patriot II Pier Upgrades

MSCBA PROJECT NO. MMA-0941-21

Project Description

- (a) The Authority is authorized to implement this project by Chapter 703 of the Acts of 1963, as amended;
- (b) The carrying out of preliminary work, including obtaining cost estimates, revenue estimates, preliminary design specifications, feasibility studies, surveys, and site analyses to determine the feasibility, approximate size, scope, purposes, location and other characteristics of any building, structure, or facility the Authority is authorized to provide;
- (c) The funding of site preparation, design and construction, furniture, fixtures, and equipment, and enabling and related projects to support the Project; and
- (d) The carrying out of improvements, renovations, and other work on and the provision and installation of furniture, fixtures, and other equipment for other buildings, structures, or facilities now or hereafter owned or leased by the Authority, or used primarily by the students and staff of the Academy, and their dependents, and which the Authority is authorized by Chapter 703 of the Acts of 1963, as amended, to provide.

Project Overview

Massachusetts Maritime Academy (MMA) has requested that the MSCBA assist MMA with the study, permitting, design, construction, and delivery of the pier upgrade project for the new National Security Multi- Mission Vessel (NSMV) II training ship. As is presently done aboard the USTS Kennedy, MMA plans to house up to 100 cadets and staff aboard the NSMV II as a supplement to dormitory capacity.

The present training ship, the USTS Kennedy, built in 1967, is at the end of useful life. The United States government through the USDOT MARAD is replacing training ships at state maritime academies. Massachusetts Maritime Academy will receive from MARAD a new \$300 million dollar training ship designated NSMV II. The vessel is currently being constructed at Philly Shipyard in Pennsylvania. It is due to be delivered in January 2024 or as early as Summer of 2023.

The existing pier mooring system will not accommodate the new mooring loads imposed by NSMV II at hurricane force wind loads and therefore it is anticipated that new monopiles will need to be driven through the existing pier in addition to offshore supports. New utilities to service the ship while at berth will be designed and constructed to supply a new electric service

from the public utility and mechanical upgrades to the shore steam system to provide energy efficient hot water to the ship.

Fund Source

Massachusetts Maritime Academy

Project Budget

Total Project Cost \$22,800,000 (ROM Estimate)

Schedule

Completion: January 2024