

**TOWN OF PLYMOUTH CAPITAL IMPROVEMENT PLAN REQUEST
FY25 SPRING ANNUAL TOWN MEETING**

Department: Fire Department	Priority #:	2
Project Title and Description: Rehabilitate and Re-power 33' Safeboat	Total Project Cost:	\$179,746.15

Department/Division Head: Chief Neil Foley

Check if project is: New ☒ Resubmitted ☐ **Cost estimate was developed:** Internally ☒ Externally ☐

For project re-submittals, list prior year(s):

List any funding sources and amounts already granted: \$89,873.07 Fire Prevention Revolving Org, 26242206 Obj. 540000

Basis of Estimated Costs (attach additional information if available)			If project has impact on 5 Year Plan and future operating budgets, insert estimated amounts.		
Capital:	Cost	Comments	Fiscal Year:	Capital	Operations & Maintenance
Planning and Design			FY26		
Labor and Materials	\$171,186.81		FY27		
Administration			FY28		
Land Acquisition			FY29		
Equipment			FY30		
Other					
Contingency	\$8,559.34	5% Contingency			
Total Capital	\$179,746.15				

Project Justification and Objective: This Project will ensure the Department's ability to maintain an effective maritime response capability in Plymouth and the surrounding area.

The Plymouth Fireboat was purchased through the FEMA Port Security Grant Program in a partnership with the United States Coast Guard Sector Southeast New England.

For Capital Project Requests:

Will this project be phased over more than one fiscal year? If yes, enter it on the 5 Year Plan Yes ☐ No ☒
Can this project be phased over more than one fiscal year? Yes ☐ No ☒

For Capital Equipment Requests:

☐ Check if equipment requested is replacement and enter the year, make & model, VIN and present condition of existing equipment

What is the expected lifespan of this new/replacement equipment: 10 + Years

Attach backup information, estimates, or justification to support this request.



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Fire Department
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To: Capital Improvement Committee
cc: Sandra Strassel, Procurement Officer
Lynne Barrett, Finance Director
Derek Brindisi, Town Manager
Brad Brothers, Asst. Town Manager

From: Neil J. Foley, Chief of Department

Date: November 1, 2023

RE: Rehabilitate and Repower 2012 33' SafeBoat Defender \$179,746.15

The Department is seeking funding of \$179,746.15 to carry out a comprehensive refurbishment of the Plymouth Fireboat. The refurbishment will involve repowering the three 300hp outboard motors, rehabilitating or replacing the boat's dedicated 1,200 gallons per minute fire pump and repairing or replacing any other worn or corroded components of the deck, hull, or wheelhouse. The Fire Safety and Prevention Revolving account (Org. 2624226 Obj. 540000) will provide a funding source of up to fifty percent of the cost of this project up to \$89,873.07.

This refurbishment is crucial to ensure the reliability of the community's only marine firefighting vehicle. The Plymouth Fireboat has a primary response area of 37 miles of Plymouth coastline that extends over ten nautical miles east to the shipping lanes. It is an integral part of the Boston metropolitan maritime response plan and has been activated on several occasions to respond to emergencies such as fires on board small personnel watercraft and large commercial passenger vessels, explosions, water vehicle crashes, water rescues, and investigations.

The Plymouth Fireboat was originally purchased through the FEMA Port Security Grant Program in partnership with the United States Coast Guard Sector Southeast New England by providing shipboard firefighting capabilities and a monitoring platform for chemical, biological, radiological, and nuclear (CBRN) mitigation missions beyond the Massachusetts shoreline.

● Page 2

Since being placed in service in 2012, the Fireboat has responded to dozens of marine emergencies. In addition, it has been involved in many marine environmental operations with various agencies such as the Department of Environmental Protection and the United States Coast Guard. The Fireboat also participated in Urban Shield Boston, the largest first responder exercise conducted in New England, which involved approximately 2,000 emergency response personnel from more than 50 local, state, and federal agencies.

Last year, the department replaced and upgraded the Fireboat's marine electronics, which significantly increased the functionality and safety of the vessel. The \$37,000 project was largely funded through a \$31,790 award from the Emergency Preparedness Grant program. The department is committed to leveraging any grant opportunity available to us.

With a full replacement cost nearing \$800,000, the repower and rehabilitation project can extend the service life of the Fireboat by another ten years with regular preventative maintenance. The department's Chief Master Mechanic has recommended this project, and not performing this work could result in the need for full replacement soon.

Overall, the Plymouth Fireboat is an essential resource for the community, and this refurbishment project will ensure that it remains dependable and effective in responding to emergencies in the future.