

December 3, 2025

TO: Members of the Board of Trustees

FROM: Reka Wrynn *Reka Wrynn*
Interim Vice President for Finance

RE: Project Budget for Cooling Water Pumps Upgrade (Final: \$2,300,000)

RECOMMENDATION:

That the Board of Trustees approve the Final Budget of \$2,300,000, as detailed in the attached project budget, for the Cooling Water Pumps Upgrade project. The Administration recommends that the Board of Trustees adopt the Resolution below.

RESOLUTION:

"Be it resolved that the Board of Trustees approve the use of \$2,300,000 in University Funds for the Cooling Water Pumps Upgrade project and approve the request for a waiver of the three-stage budget approval process to allow construction to proceed after bids have been received and evaluated for conformance with the program project's scope and budget."

BACKGROUND:

Facilities Operations has developed a comprehensive capital plan focused on the renewal and refurbishment of existing campus infrastructure to extend asset life cycles.

This project will replace and upgrade cooling water pumps and variable frequency drives (VFDs) that have exceeded their useful life. The existing pumps are experiencing impeller wear, bearing degradation, and seal failures, reducing efficiency and reliability. The aging VFDs have deteriorating electronic components that increase the likelihood of failure.

Modern pumps provide higher hydraulic efficiency and lower energy use, while new VFDs offer improved harmonic mitigation, advanced controls, and seamless integration with automation systems. Replacing both components together prevents future unplanned shutdowns and reduces labor, mobilization, and crane costs compared to separate replacements.

This program advances the university's strategic initiatives – Seven World-Class Campuses, One Flagship University, and the Student Success Journey – by supporting sustainable infrastructure renewal, reliable operations, and long-term campus resilience.

The Final Budget is attached for your information.

Attachments

CAPITAL PROJECT BUDGET REPORTING FORM

TYPE BUDGET: **FINAL**

PROJECT NAME: **COOLING WATER PUMPS UPGRADE**

	PROPOSED FINAL 12/3/2025
<u>BUDGETED EXPENDITURES</u>	
CONSTRUCTION	\$ 1,800,000
DESIGN SERVICES	150,000
TELECOMMUNICATIONS	-
FURNITURE, FIXTURES AND EQUIPMENT	-
CONSTRUCTION ADMINISTRATION	-
OTHER A/E SERVICES (including Project Management)	-
ART	-
RELOCATION	-
ENVIRONMENTAL	-
INSURANCE AND LEGAL	-
MISCELLANEOUS	50,000
OTHER SOFT COSTS	-
SUBTOTAL	\$ 2,000,000
PROJECT CONTINGENCY	300,000
TOTAL BUDGETED EXPENDITURES	<u>\$ 2,300,000</u>
<u>SOURCE(S) OF FUNDING*</u>	
UNIVERSITY FUNDS	<u>\$ 2,300,000</u>
TOTAL BUDGETED FUNDING	<u>\$ 2,300,000</u>

* This budget reflects the University's current intended source(s) of funding for the specified project. The University may adjust this funding plan in order to ensure compliance with applicable federal and state law(s) or to strategically utilize all fund sources, within the approved budget amount, as appropriate.

*BOT 12.3.25
300321*

RESOLUTION RE:
COOLING WATER PUMPS UPGRADE (FINAL: \$2,300,000)

BE IT RESOLVED that the University of Connecticut Board of Trustees approves the use of \$2,300,000 in University Funds for the Cooling Water Pumps Upgrade project and approve the request for a waiver of the three-stage budget approval process to allow construction to proceed after bids have been received and evaluated for conformance with the program project's scope and budget.

It is hereby certified that the foregoing resolution was duly authorized by the Board of Trustees on December 3, 2025.

Bryan K. Pollard, Secretary

Date