

Submitted by: David P. Massaron, Chief Business Officer, Chief Financial Officer and Senior Vice President for Finance and Business Operations; Treasurer

Lande Hall - Chiller Replacement

Recommendation

It is recommended that the Board of Governors authorize the President or her designee approve spending to design, solicit bids, and award contracts for the Lande Chiller project with a cost not to exceed \$762,200. Funding for this project will be provided by Bond Funds.

Background and Project Description

The project scope includes decommissioning, demolition, and removal of the existing 350-ton York open drive centrifugal chiller installed in 1987, along with the removal and disposal of R-123 refrigerant used in the system. In its place will be installed three new 140-ton MultiStack modular water-cooled chillers that use 134A refrigerant. This includes the installation of equipment, valves, piping, electrical, and controls.

The installation of these units will provide multiple benefits, including:

- Lower cost and ease of installation than alternatives: units can fit in our freight elevators, eliminating safety and aerial lift plans and expensive cranes and lifts.
- Lower maintenance costs over the life of the equipment.
- Improved redundancy for preventive and corrective maintenance tasks.
- Simplified preventive maintenance.

The contract for this project will be awarded in accordance with university policies and procedures.

Project Budget

Funding Source	
Bond Funds	\$762,200
TOTAL Sources	\$762,200
Expenditures Plan	
Demolition and Installation	\$614,400
Consulting Fees	\$25,000
Contingency	\$122,800
TOTAL Expenditures	\$762,200