

THE UNIVERSITY OF MICHIGAN
REGENTS COMMUNICATION

ACTION REQUEST

Subject: School of Social Work
Chiller Replacement

Action Requested: Approval to Proceed with Project

Background:

The School of Social Work chiller plant is part of a chilled water loop serving both the School of Social Work and the Marsal Family School of Education buildings. The two existing water cooled absorption chillers were installed in 1997 and are nearing the end of their reliable service lives. This equipment will be replaced with electric chillers, cooling towers, and related pumps. Replacement with electric chillers will result in energy savings, reduced operational and maintenance costs, and increased reliability and will support the university goal to utilize renewable electricity. The chiller plant will also be connected to the East Quadrangle chiller plant, resulting in a shared redundancy of 300 tons. This connection will allow a continuous chilled water supply during the fall and winter seasons and serve as a backup cooling source for the Marsal Family School of Education building. The scope of this project includes the architectural, electrical, and mechanical work necessary to accomplish these improvements. There will be no impact on parking from this project.

The estimated cost of the project is \$7,900,000. Funding will be provided from reserves and Utility resources. The construction cash flow may be provided, all or in part, by bond proceeds or increasing the commercial paper issuance under the commercial paper program, secured by a pledge of General Revenues, and authorized by the Board of Regents. The architectural firm of SmithGroup will design the project. Construction is scheduled to be completed in the spring of 2024.

We recommend that the Board of Regents approve the School of Social Work Chiller Replacement project as described, and authorize issuing the project for bids and awarding construction contracts providing that bids are within the approved budget.

Respectfully submitted,



Geoffrey S. Chatas
Executive Vice President and
Chief Financial Officer

September 2023