

THE UNIVERSITY OF MICHIGAN  
REGENTS COMMUNICATION

ACTION REQUEST

Approved by the Regents  
November 19, 2009

Subject: Chemistry Building and Willard H. Dow Laboratory  
Chiller Replacement

Action Requested: Approval to Proceed with Project

Background:

The chiller plant that serves the Chemistry Building and the Willard H. Dow Laboratory is located on the ground floor of the Chemistry Building and was constructed in 1988. One of the plant's three steam absorption chillers has failed and needs to be replaced. This project will replace the defunct chiller with a new 1,200 ton electric chiller and associated pumps, piping and controls modifications. Based on present costs for steam and electricity, the new chiller will result in an estimated \$300,000 annual savings compared with the existing chiller. The scope of this project includes the architectural, mechanical and electrical work necessary to accomplish these improvements. There will be no impact on parking from this project.

The estimated cost of the project is \$1,500,000. Funding will be provided from General Fund resources. The construction cash flow may be provided, all or in part, by 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 University of Michigan Department of Architecture, Engineering and Construction will design the project. Construction is scheduled to be completed in the fall of 2010.

We recommend that the Board of Regents approve the Chemistry Building and Willard H. Dow Laboratory 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,



Timothy P. Slotow  
Executive Vice President and  
Chief Financial Officer

November 2009