

THE UNIVERSITY OF MICHIGAN
REGENTS COMMUNICATION

Approved by the Regents
December 13, 2012

ACTION REQUEST

Subject: North Campus Research Complex Building 22
Electron Microbeam Analysis Laboratory Renovation

Action
Requested: Approval to Proceed with Project

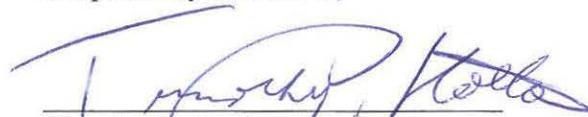
Background:

The University of Michigan Electron Microbeam Analysis Laboratory (EMAL) is a state-of-the-art core facility that will house twelve highly specialized microscopes utilizing a variety of technologies to perform atomic level analysis of materials. The instruments in this facility will include medium resolution scanning electron microscopes and a transmission and scanning transmission electron microscope with the highest available resolution in the world. The College of Engineering proposes to relocate microbeam laboratories from the Space Research Building and the Carl A. Gerstacker Building to accommodate equipment. Building 22 on the North Campus Research Complex is suitable for the EMAL due to its favorable vibration characteristics. A renovation of approximately 8,900 gross square feet within the ground floor and a portion of the first floor is planned to house the EMAL facility. The renovation will include mechanical system upgrades to provide required cooling for the laboratory equipment as well as high-speed wired and wireless network access. 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 \$4,375,000. Funding will be provided from College of Engineering resources and Medical School 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. The project is expected to provide an average of 10 on-site construction jobs. Construction is scheduled to be completed in the winter of 2014.

We recommend that the Board of Regents approve North Campus Research Complex Building 22 Electron Microbeam Analysis Laboratory Renovation 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. Slottow
Executive Vice President and
Chief Financial Officer