

THE UNIVERSITY OF MICHIGAN
REGENTS COMMUNICATION

ACTION REQUEST

Subject: Walter E. Lay Automotive Laboratory
Dynamometer Installation

Action Requested: Approval to Proceed with Project

Background:

The Walter E. Lay Automotive Engineering Laboratory was constructed in 1955 and houses the engine dynamometer laboratories of the Department of Mechanical Engineering. The College of Engineering proposes a renovation of approximately 1,300 gross square feet of space in order to accommodate the installation of a new dynamometer in an existing laboratory test cell and add a control room. This will increase our capabilities for compressed natural gas and flexible fuel engine research, including a current grant from the U.S. Department of Energy. The scope of this project includes the architectural, electrical, and mechanical work necessary to accomplish these improvements. We anticipate the loss of two business vehicle parking spaces due to the need to place support equipment outside the building.

The estimated cost of the project is \$1,150,000. Funding will be provided from College of Engineering 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 engineering firm of MA Engineering will design the project. The project is expected to provide an average of five on-site construction jobs. Construction is scheduled to be completed in the fall of 2016.

We recommend that the Board of Regents approve the Walter E. Lay Automotive Engineering Laboratory Dynamometer Installation project as described, and authorize issuing the project for bids and awarding construction contracts providing that bids are within the approved budget.

Respectfully submitted,



Kevin P. Hearty
Executive Vice President and
Chief Financial Officer

April 2016