

THE UNIVERSITY OF MICHIGAN  
REGENTS COMMUNICATION

ACTION REQUEST

Subject Central Campus and Medical Center  
Electrical Substation and Underground Distribution System

Action Requested: Approval To Proceed With Project

Background:


A 1999 study of the Central Campus electric supply and distribution system concluded that the University's existing Central Power Plant lacked the electrical capacity to serve new facilities planned for Central Campus and the Medical Center. To meet the increased demand for electrical power for the Biomedical Science Research Building and Cardiovascular Center, this project will construct a new electrical substation between the North Ingalls Building and the Glen Avenue Parking Structure. The proposed site is accessible to primary and secondary electric circuits, is relatively isolated, and does not conflict with land use plans for other projects. The project includes connections to Detroit Edison feeder substations and the necessary underground distribution system on campus.

During construction, 10 parking spaces (metered, loading, and business vehicle spaces) will be temporarily displaced. Upon completion of construction, there will be no impact on parking from this project.

The estimated cost of the project is \$17,000,000 including Detroit Edison work, substation construction and the underground distribution on campus. Funding will be shared equally between University of Michigan Hospitals and Health Centers and Utility resources. The construction cash flow may be provided, all or in part, from tax-exempt debt secured by a pledge of Hospital Gross Revenues and/or by increasing the commercial paper issuance under the commercial paper program, secured by a pledge of General Revenues, and authorized by the Regents. The University of Michigan, Plant Extension – Architecture, Engineering and Construction will design the project in collaboration with Montgomery Watson Harza Engineering, Inc. Construction is scheduled to be completed in Fall 2005.

We recommend that the Regents approve the Central Campus and Medical Center Electrical Substation and Underground Distribution System 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 Slottow  
Interim Chief Financial Officer

March 2003  
Attachment

APPROVED BY THE REGENTS ON  
MAR 20 2003

# Central Campus and Medical Center Electrical Substation and Underground Distribution System

