

THE UNIVERSITY OF MICHIGAN  
REGENTS COMMUNICATION

ACTION REQUEST

Approved by the Regents

December 13, 2007

Subject: University of Michigan Hospitals and Health Centers  
Data Center Project

Requested: Approval of Project and Authorization to Appoint an Architect

Background:

The current University of Michigan Hospitals and Health Centers (UMHHC) data center has occupied approximately 6,000 gross square feet in the A. Alfred Taubman Health Center since that building's opening in 1986. Since that time, the information technology support required by the UMHHC has grown substantially. Where there was once only a mainframe computer, a manual tape machine, and a large printer, there are now hundreds of servers, paging equipment, automated back up equipment and file storage equipment. Because of this technology growth, the data center is at capacity with regards to space, power, and cooling.

The UMHHC strategic plan calls for bed expansion, clinical technology acquisition and upgrades, new building construction and renovation initiatives, as well as information technology systems to enhance clinical care and patient safety. The limitations of the current data center facility do not support these strategic plans. This project will construct an approximately 47,000 gross square foot building on North Campus that will provide the needed additional capacity (see attached map). The building will house an approximately 11,000 gross square foot data center, 7,500 gross square feet of support space, and 28,500 gross square feet for power, heating, ventilation, air conditioning, and data infrastructure support. The building will be constructed to be tornado-resistant, withstanding wind gusts up to 200 miles per hour, and will include redundant power and on-site backup generators, redundant cooling and water storage to allow continuous operations if local utility supplies are interrupted. There will be no impact on parking from this project.

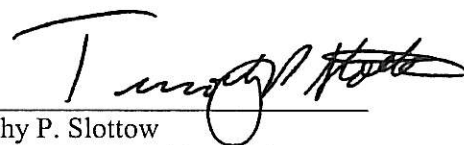
The estimated cost of the project is \$50,900,000. Funding will be provided from Hospitals and Health Centers' resources. The construction cash flow may be provided, all or in part, by increasing the commercial paper issuance under the commercial paper program, secured by a pledge of General Revenues, and authorized by the Regents. The engineering firm of X-nth, Inc. will design the project. Design is scheduled to begin immediately, and we will return with a construction schedule when we seek approval of schematic design.

We recommend that the Regents approve the University of Michigan Hospitals and Health Centers Data Center Project as described, and authorize commissioning X-nth, Inc. for its design.

Respectfully submitted,

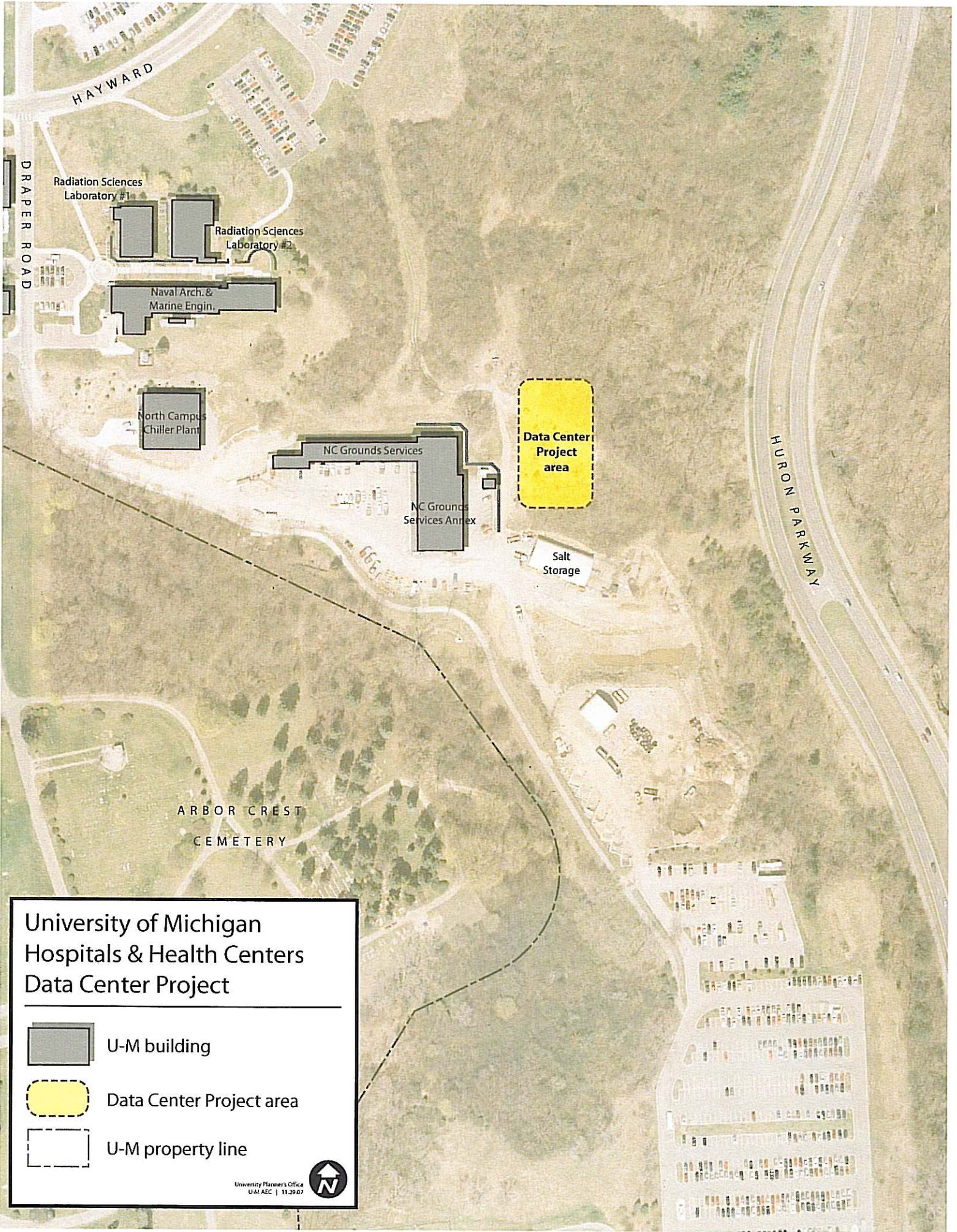


Robert P. Kelch  
Executive Vice President  
for Medical Affairs



Timothy P. Slottow  
Executive Vice President and  
Chief Financial Officer

December 2007  
Attachment



HAYWARD

DRAPER ROAD

HURON PARKWAY

Radiation Sciences Laboratory #1

Radiation Sciences Laboratory #2

Naval Arch. & Marine Engin.

North Campus Chiller Plant

NC Grounds Services

NC Grounds Services Annex

Data Center Project area

Salt Storage

ARBOR CREST CEMETERY

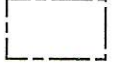
# University of Michigan Hospitals & Health Centers Data Center Project



U-M building



Data Center Project area



U-M property line



University Planner's Office  
U-M AEC | 11.29.07