

THE UNIVERSITY OF MICHIGAN
REGENTS COMMUNICATION

ACTION REQUEST

Subject: Medical School
Biomedical Science Research Building
Chiller Plant

Action Requested: Approval to Proceed with Project

Background:

Last spring, the Regents approved the Biomedical Science Research Building Project ("BSRB") and Polshek Partnership Architects of New York, NY as architect. During the intervening time period, we have been refining the program of the building and preparing the schematic design documents. We will be bringing the design to one of the upcoming meetings for Regents' approval.

The research laboratories in this building will require conditioned air to control humidity and temperature, conditioning necessitating greater than six air changes per hour within the laboratories. Due to the materials involved in research, air recirculation is not allowed in the laboratories. In addition, the considerable amount of electrical equipment generates intense heat that must be controlled for quality assurance and occupants' comfort. We have completed the work necessary to define the needs of the facility relative to the chilled water plant that provides the cold water necessary to cool the entire facility. It is comprised of six large chiller units, six cooling towers, piping, electrical power, approximately 30 large water pumps, and the space to house all of the equipment.

We are taking this opportunity to incorporate extra capacity in order to better serve future needs in the health system. We estimate a cost of approximately \$13.5 million to provide the 5,200 tons of cooling capacity, with funding by the Medical School.

We recommend the Regents approve the construction of the plant allowing this portion of the project to proceed.

Respectfully submitted,



Robert Kasdin
Executive Vice President
and Chief Financial Officer

June 2001

APPROVED BY THE REGENTS ON

JUN 22 2001