

THE UNIVERSITY OF MICHIGAN
REGENTS COMMUNICATION

ACTION REQUEST

Subject: University of Michigan Hospitals and Health Centers (UMHHC)
University Hospital (UH) Ethylene-Oxide Sterilizer Replacement Project

Action

Requested: Approval to Proceed with Project

Background:

Ethylene-oxide (EtO) sterilizers are used to sterilize medical instrumentation and devices that cannot withstand the heat of standard steam sterilizers. University Hospital (UH) is equipped with two EtO sterilizers on the B2 level in Central Sterile Supply. The existing sterilizers, while meeting current Michigan Department of Environmental Quality (MDEQ) air quality standards, are now at the end of their useful life.

This project will include the replacement of the two sterilizers with three units, to increase performance, capacity and reliability. All the sterilizers will now occupy one room, completely renovated to provide a single location for monitoring emissions and control equipment. To allow for continued operation during construction, nearby rooms will be adapted to provide swing space, and then restored. The ventilation system will be completely upgraded to maintain, with the increased sterilizer capacity, a safe environment for staff and visitors. Existing monitoring equipment will be replaced with the latest technology in microprocessor controlled monitoring and alarming systems. The new sterilizer system will meet current MDEQ standards.

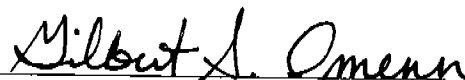
The project is estimated to cost \$1,600,000, with more than one-third of the project cost reflecting equipment costs. Funding will be provided from the Hospitals and Health Centers capital fund. The project is expected to be complete in the winter of 2003.

We recommend that the Regents approve the University of Michigan Hospitals and Health Centers Ethylene-Oxide Sterilizer Replacement Project as described, and authorize issuing the project for bids and awarding construction contracts providing that bids are within the approved budget.

Respectfully submitted,



Robert Kasdin
Executive Vice President
and Chief Financial Officer



Gilbert S. Omenn
Executive Vice President
for Medical Affairs

September 2001

APPROVED BY THE REGENTS ON

SEP 20 2001