

Board Meeting
November 14, 2007

Revised, November 14, 2007

ROLL CALL

~~APPROVE PROJECT AND EMPLOY ARCHITECT/ENGINEER FOR THE~~
NATIONAL CENTER FOR SUPERCOMPUTING APPLICATIONS (NCSA)
PETASCALE COMPUTING FACILITY, URBANA

Action: ~~Approve Project and Employment of Architect/Engineer~~ for National Center for Supercomputing Applications (NCSA) Petascale Computing Facility, Urbana

Funding: Institutional Operating Funds with Anticipated Reimbursement from State Appropriations or the Proceeds of a Subsequent Sale of Certificates of Participation

Pending the successful negotiation with the National Science Foundation, the \$72.5 million project would provide the National Center for Supercomputing Applications with a facility to house the Blue Waters (Track 1) Data Processing Center and required utility infrastructure. This new 95,000 gross square foot building with a \$690 construction cost per gross square foot would be comprised of offices, storage and loading docks, water-cooled data processing machine rooms, and data processing machine room support.

~~In order to proceed with this project, it is necessary to employ an architect/engineer for the required professional services. The selection of the architect/engineer for this project was in accordance with the requirements and provisions~~

of ~~Public Act 87-673 (Architectural, Engineering, and Land Surveying Qualifications-Based Selection Act).~~[†]

Accordingly, the Chancellor at Urbana with the concurrence of the appropriate administrative officers recommends the following action: The National Center for Supercomputing Applications Petascale Computing Facility and required utility infrastructure be approved with a project budget of \$72.5 million.

- ~~1. EYP Mission Critical Facilities, Inc., of Chicago, be employed for the professional services required through the construction administration phase of the project at a fixed fee of \$2,816,249; on-site observation and warranty on an hourly basis not to exceed \$170,000 and reimbursable expenses estimated at \$190,000.~~

The Board action recommended in this item complies in all material respects with applicable State and federal laws, University of Illinois *Statutes, The General Rules Concerning University Organization and Procedure*, and Board of Trustees policies and directives.

Funds for the project are available initially from the institutional funds operating budget with anticipated reimbursement from State appropriations or the proceeds of a subsequent sale of Certificates of Participation.

The President of the University concurs.

[†] ~~A selection committee consisting of Kevin Duff (University Office for Facilities Planning and Programs), Keith Erickson (University Office for Facilities Planning and Programs), Fred Hahn (Facilities and Services), Jill Maxey (Facilities and Services), and John Melchi (National Center for Supercomputing Applications) evaluated the following firms listed in ranking order: (1) EYP Mission Critical Facilities, Inc., Chicago, IL; (2) Environmental Systems Design, Inc., Chicago, IL; and (3) KJWW Engineering Consultants, Rock Island, IL. The committee recommends EYP Mission Critical Facilities, Inc., of Chicago, IL, as best meeting the criteria for the project.~~