

Board Meeting
March 26, 2008

ROLL CALL

EMPLOY ARCHITECT/ENGINEER FOR OAK STREET CHILLER PLANT AND
DISTRIBUTION SYSTEM EXPANSION, URBANA

Action: Approve Employment of Architect/Engineer for Oak Street Chiller Plant and Distribution System Expansion, Urbana

Funding: Institutional Funds Operating Budget

In November 2007, the Board approved the Oak Street Chiller Plant and Distribution System Expansion with a budget of \$12.0 million (\$9.5 million for the Petascale Computing Facility; \$2.5 million for general capacity). The project will provide the next increment of chilled water capacity at the Oak Street Chiller Plant to support the recently announced National Center for Supercomputing Applications (NCSA) Petascale Computing Facility. The project includes installation of new equipment to increase chilled water capacity, thermal storage, cooling towers, and associated support systems as well as distribution piping for chilled water and sewer to the NCSA Petascale Computing Facility site.

In order for the project to proceed, 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).¹

Accordingly, the Chancellor at Urbana with the concurrence of the appropriate administrative officers recommends that Henneman Engineering Inc., Champaign, be employed for the professional services required for the construction documents, bidding, and construction administration phases of the project. The firm's fixed fee will be \$709,100; for on-site observation on an hourly basis not to exceed \$38,080; for warranty phase on an hourly basis not to exceed \$12,500; for specialty consultants associated with the thermal storage analysis and supplemental services on an hourly basis not to exceed \$20,000; and for authorized reimbursable expenses estimated at \$40,000.

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 from the institutional funds operating budget.

The President of the University concurs.

¹A selection committee consisting of Keith Erickson (University Office for Facilities Planning and Programs), Dave Green (Facilities and Services), Allen Marx (Facilities and Services), and Chris Rogan (University Office for Facilities Planning and Programs), interviewed the following firms (listed in ranking order): (1) Henneman Engineering Inc., Champaign, IL; (2) BRiC Partnership, LLC, Belleville, IL; and (3) Affiliated Engineers, Inc., Madison, WI. The committee recommends Henneman Engineering Inc., Champaign, as best meeting the criteria for the project.