

Board Meeting
November 18, 2010

ROLL CALL

EMPLOY ARCHITECT/ENGINEER FOR BIG BROADBAND (UC2B) – FIBER OPTIC INFRASTRUCTURE INSTALLATION, URBANA

Action: Employ Architect/Engineer for Big Broadband (UC2B) – Fiber Optic Infrastructure Installation

Funding: Federal Grant Funds, State Grant Funds, City Grant Funds, and Institutional Funds Operating Budget

In September 2010, the Board approved the Big Broadband (UC2B) – Fiber Optic Infrastructure Installation with a budget of \$29.4 million. In recent years the Urbana campus and the cities of Urbana and Champaign have collaborated on plans for a fiber optic network that would enhance the campus's data and communication infrastructure and provide broadband access to underserved segments of the community. The \$29.4 million proposed infrastructure project will provide 188 route mile of fiber-optic infrastructure. The UC2B project would make high-speed internet available to 4,650 households and 200 businesses as well as anchor institutions. It also would address lingering issues with the University's fiber optic infrastructure.

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 In an effort to facilitate the collaborative efforts of this project, and with work occurring on the University campus and within the cities of Champaign and Urbana boundaries, it is most beneficial that the University employ an architect/engineer for construction documents, bidding, and reimbursables for the entire project. In addition, each party, the University, the City of Champaign, and the City of Urbana, will employ the architect/engineer for construction administration, on-site observation and warranty phases individually.

Accordingly, the Chancellor at Urbana with the concurrence of the appropriate administrative officers recommend that Shive-Hattery, Inc., Downers Grove, Illinois, 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 \$998,801; for on-site observation on an hourly basis not to exceed \$14,950; for warranty phase on an hourly basis not to exceed \$1,300; and for authorized reimbursable expenses estimated at \$834,659.

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.

¹ A selection committee consisting of Matthew Edmonson (Facilities and Services), Fred Coleman (University Office for Facilities Planning and Programs), Fred Hahn (Facilities and Services), Michael Smeltzer (CITES), Craig Shonkwiler (City of Urbana), Tony Vandeventer (City of Champaign), shortlisted the following firms: Atlantic Engineering Group, Braselton, GA; Columbia Telecommunications Corporation, Kensington, MD; and Shive-Hattery, Inc., Downers Grove, IL. The committee recommends Shive-Hattery, Inc., Downers Grove, IL, as best meeting the criteria for the project.

Funds for the project are available from the institutional funds operating budget of the Urbana campus and Federal, State, and City grant funds.

The President of the University concurs.