

Board Meeting
December 2, 2011

ROLL CALL

EMPLOY PROFESSIONAL SERVICES CONSULTANT FOR UTILITIES
PRODUCTION AND DISTRIBUTION MASTER PLAN, URBANA

Action: Approve Employment of Professional Services Consultant for Utilities
Production and Distribution Master Plan

Funding: Institutional Funds Operating Budget

The Utilities and Energy Services Division of Facilities and Services at the Urbana-Champaign campus desires to employ a professional services consultant to complete a comprehensive utility master plan to consider factors that may impact future energy utilities operations. The master plan will include a five-, ten-, and twenty-year plan that will include measures to comply with the University goal of discontinuing the use of conventional coal by 2017, as well as a goal to utilize twenty-five percent renewable fuels by 2025. Factors to be considered include safety, system reliability, environmental impacts, cost, budget constraints, pending/likely changes in legislation and regulations related to energy utilities, fuel costs, industry trends, and innovative technologies. Input from the campus community as it relates to sustainability is anticipated. The proposed master planning effort will define an implementation plan with phasing and prioritized timelines. Probable construction costs will be identified for those efforts required for the utility production and distribution systems to improve safe

operation, maintain reliability, increase capacity/efficiency, comply with existing and anticipated environmental regulations, extend its useful life, and provide recommendations for fuel and energy purchase options.

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 Vice President, University of Illinois and Chancellor, University of Illinois at Urbana-Champaign with the concurrence of the appropriate administrative officers recommends that Affiliated Engineers, Inc., Champaign, Illinois, be employed for the professional services required for the master planning. The firm's fixed fee will be \$970,903; for authorized reimbursable expenses estimated at \$37,000; and for other supplemental services for a fixed fee of \$279,000.

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.

¹A selection committee consisting of Ted Christy (Facilities and Services), Keith Erickson (Facilities and Services Utilities), and Mike Larson (Facilities and Services Abbott Power Plant) interviewed the following firms: Affiliated Engineers, Champaign, IL; Burns & McDonnell, Downers Grove, IL; and Stanley Consultants, Chicago, IL. The committee recommends Affiliated Engineers, Champaign, IL, as best meeting the criteria for the project.

Funds for the project are available from the institutional funds operating budget of the Urbana-Champaign campus.

The President of the University concurs.