

ROLL CALL

APPROVE ENERGY CONSERVATION PROJECT AND PROFESSIONAL AND CONSTRUCTION SERVICES AWARD, LABORATORY FACILITIES, URBANA

Action: Approve Energy Conservation Project and Professional and Construction Services Award, Laboratory Facilities

Funding: Institutional Funds Operating Budget

The Public University Energy Conservation Act (110 ILCS 62/1 et seq.) allows the University to undertake “energy conservation measures” (ECMs) by engaging energy service companies. The guaranteed energy savings agreement shall include a written guarantee from the energy service company (ESCO) that either the energy or operational costs savings, or both, will meet or exceed within 20 years the costs of the energy conservation measures. The ESCO shall reimburse the public university for any shortfall of guaranteed energy savings projected in the contract.

The University has identified the following buildings on the Urbana-Champaign campus as candidates for this program: Chemical and Life Sciences Laboratory, Roger Adams Laboratory, Illinois Sustainable Technology Center, Beckman Institute, Natural Resource Studies Annex, and Forbes Natural History Building. These buildings consist of research, teaching, and office spaces. An energy audit was performed on these buildings to identify energy conservation measures to be

implemented through energy savings which will fund or repay design and construction costs in accordance with the Public University Energy Conservation Act.

The ECMs (also referred to herein as the “project”), in an amount not to exceed \$32,500,000, will include, but are not limited to, the installation of items such as occupancy sensors, building controls systems, centralized process water loops, and heat recovery systems. ECMs may also include upgrading or replacing air handling units, ventilation systems, and windows.

Accordingly, the Chancellor, University of Illinois at Urbana-Champaign, and Vice President, University of Illinois with the concurrence of the appropriate administrative officers recommends that the energy conservation measures be approved with a budget of \$32,500,000.

In order for the project to proceed, it is necessary to employ an ESCO for the required professional and construction services. The selection of the ESCO for this project was in accordance with the requirements and provisions of the Public University Energy Conservation Act.¹

Accordingly, the Chancellor, University of Illinois at Urbana-Champaign, and Vice President, University of Illinois with the concurrence of the appropriate administrative officers recommends that Schneider Electric of Homewood, Illinois, be

¹ A selection committee consisting of Chris Rogan (University Office of Capital Programs and Real Estate Services); Joshua Whitson (Utilities and Energy Services); Mike Marquissee (Utilities and Energy Services); Daren Evens (Utilities and Energy Services); Robert Fritz (Beckman Institute); Kenneth Wooldridge (School of Chemical Sciences); Robert Tipsword (Prairie Research Institute); and Bart Bartels (Illinois Sustainable Technology Center) interviewed and ranked as most qualified the following firms: Johnson Controls Inc., Milwaukee, WI, and Schneider Electric, Homewood, IL. The committee recommends Schneider Electric, Homewood, IL, as best meeting the criteria for the project.

employed for the professional and construction services award for Energy Performance Contracting on the laboratory facilities at Urbana be approved. The ESCO's fees will be approximately \$31,500,000.

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 this project will be available from the institutional funds operating budget of the Urbana-Champaign campus with an anticipated resulting account that will be reimbursed through guaranteed energy cost savings.

The President of the University concurs.