

Approved by the Board of Trustees  
September 10, 2015

Board Meeting  
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## ROLL CALL

### INCREASE PROJECT BUDGET AND AMEND PROFESSIONAL SERVICES CONSULTANT CONTRACT FOR GAS BOILER REPLACEMENT, PHASE 2, ABBOTT POWER PLANT, URBANA

**Action:** Increase Project Budget and Amend Professional Services Consultant Contract for Gas Boiler Replacement, Phase 2, Abbott Power Plant

**Funding:** Institutional Funds Operating Budget

In May 2014, the Board approved the \$9.5 million Phase 2 project to remove boiler 2 and replace with a new gas boiler and associated systems. Replacement of the existing gas boilers is being phased to maintain continued reliable steam service to campus during construction. In December 2014, the University received approval from the Environmental Protection Agency (EPA) to replace the old gas boilers (2, 3, and 4) at Abbott Power Plant, all of which are well beyond their expected life.

The phase one project is currently underway and includes the removal of two existing gas boilers and installation of one new higher efficiency gas boiler and associated systems and is expected to be complete in September 2015. The second phase project was originally planned to install one new gas boiler. This request includes expanding the scope of the phase two project to include the installation of the third new gas boiler within the time duration the EPA requires. Combining the installation of two

new boilers within the phase two project will also provide capital cost savings due to increased construction phase efficiencies and expedite operations of the more efficient new boilers.

The cost to successfully complete this project, including the addition of a second boiler and associated systems, as well as, upgraded cost information received, will require a budget increase of \$13.0 million.

Accordingly, the Acting Chancellor, University of Illinois at Urbana-Champaign, and Acting Vice President, University of Illinois with the concurrence of the appropriate administrative officers recommends that the Board approve the increase in project budget for this project to \$22.5 million, an increase of \$13.0 million.

In order for the project to proceed, it is necessary to amend the Professional Services Consultant contract for the required professional services. The selection of the Professional Services Consultant 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 Acting Chancellor, University of Illinois at Urbana-Champaign, and Acting Vice President, University of Illinois with the concurrence of the appropriate administrative officers recommends that Affiliated Engineers, Inc., of Champaign, IL, continue to be employed and their contract amended for the professional services required for the construction documents, bidding, and construction administration phases of the project. The firm's fixed fee will be \$1,411,160; for on-site observation on an hourly basis not to exceed \$136,890; for warranty phase on an hourly

basis not to exceed \$10,000; for other supplemental services on an hourly basis not to exceed \$269,928; and for authorized reimbursable expenses estimated at \$80,460.

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

The President of the University concurs.