

Approved by the Board of Trustees  
March 11, 2009

Board Meeting  
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## ROLL CALL

### AWARD CONTRACTS FOR OAK STREET CHILLER PLANT AND DISTRIBUTION SYSTEM EXPANSION, URBANA

**Action:** Approve Award of Contracts for Oak Street Chiller Plant and Distribution System Expansion, Urbana

**Funding:** Institutional Funds Operating Budget

This project provides 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. This project includes the installation of a Thermal Energy Storage (TES) tank, which shall be an above-ground, vertical, cylindrical, flat-bottom type tank of all-welded steel construction. The TES system includes foundations, tank erection, internal diffusers, painting, insulation, and hydrotesting. Also included is the extension of the Urbana campus main distribution chilled water, forced main piping, and electrical duct bank as well as the installation of a Pump House. Piping extension shall begin and extend to the Pump House with a First Street connection to existing piping and to the new NCSA Petascale Computing Facility. The Pump House shall be a pre-engineered metal building housing pumps, piping, and equipment necessary to control chilled water flow to/from the TES tank.

Bids for the Oak Street Chiller Plant and Distribution System Expansion construction work have been solicited; and for the project to proceed, the Chancellor at Urbana with the concurrence of the appropriate administrative officers recommends that the following contracts<sup>1</sup> be awarded. Competitive bidding procedures in accordance with the Illinois Procurement Code were followed; and the awards are to the lowest responsible bidder in each division on the basis of its base bid plus the acceptance of indicated alternates<sup>2</sup>:

Division 3 – Heating A/C Temp Control Work

Davis-Houk Mechanical, Inc., Urbana, IL	Base Bid	\$1,830,000
<i>TOTAL</i>		\$1,830,000

Division 5 – Electrical Work

Bodine Electric of Champaign, Champaign, IL	Base Bid	\$547,824
<i>TOTAL</i>		\$547,824

Division 34 – Utilities Site Work

Stark Excavating, Inc., Bloomington, IL	Base Bid	\$1,534,138
<i>TOTAL</i>		\$1,534,138

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<sup>1</sup>Contracts for other divisions were awarded that are within the delegated approval levels: Division 1 – General Work, Roessler Construction Co., Inc., Rantoul, IL, \$374,000; Division 2 – Plumbing Work, X-treme Mechanical, Inc., Champaign, IL, \$16,600; and Division 4 – Ventilation and Air Distribution Work, A&R Mechanical Contractors, Inc., Urbana, IL, \$28,925; making a total award of \$7,465,187.

<sup>2</sup>Description of Alternates: Alt. 1A. - Internal flow diffusers for Base Bid Tank (polyvinyl chloride, or PVC, diffusers permitted); Alt. 1B - Internal flow diffusers for Base Bid Tank (PVC diffusers excluded); Alt. 2 - Larger level of thermal capacity (ton-hours) but excluding internal flow diffusers; Alt. 2A - Internal flow diffusers for Alternate Bid 2 Tank (PVC diffusers permitted); and Alt. 2B - Internal flow diffusers for Alternate Bid 2 Tank (PVC diffusers excluded).

Division 44 – Other Work--Tank

Caldwell Tanks, Inc.,	Base Bid	\$2,590,900
Louisville, KY	Alternate #2	204,200
	Alternate #2A	<u>338,600</u>
<i>TOTAL</i>		\$3,133,700

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 construction are available from institutional funds operating budget.

The President of the University concurs.

A schedule of the bids received has been filed with the Secretary of the Board for record.

(Construction for the Oak Street Chiller Plant and Distribution System Expansion work will begin in March 2009 and is scheduled to be completed in May 2010.)