

Contact: Jean Friedrich

UNIVERSITY OF IOWA
EQUIPMENT PURCHASE

Actions Requested: Consider approval of the equipment purchase of a 15,000 volt Arc Resistant Metal Clad Switchgear at an estimated cost of \$1,798,350.

Executive Summary: The University of Iowa requests approval to proceed with the purchase of a 15,000 volt Arc Resistant Metal Clad Switchgear.

Description of Equipment

The Project Description and Budget of \$4,800,000 for the University of Iowa's Electrical Substation U Capacity Improvements Project was approved by the Board in August 2006. The cost of the 15,000 volt switchgear was included in the approved budget.

Justification of need for Equipment

The switchgear satisfies current electrical and safety requirements for 15,000 volt switchgear and allows for additional electrical capacity as well as providing a safe means of interrupting the increased fault currents that will be available at Substation U. Substation U provides the electrical interface with MidAmerican Energy Company for all purchased electrical power consumed on the University of Iowa's West Campus.

Any Known Alternatives to the Equipment Proposed

Request for Quotations were solicited for the switchgear described above. The award will be made to the vendor with the low bid, Crescent Electric Supply Company.

Estimated Cost and Source of Funding

The estimated cost of the switchgear is \$1,798,350, and the source of funding is utility system revenue bonds.

Board Policy

Chapter 7.05B(12) of the Regent Policy Manual requires that:

- Equipment costing more than \$1,000,000 must be submitted to the Board for approval; and
- Requests submitted to the Board Office for approval must include the following information:
 - Description of the equipment;
 - Justification of the need for the equipment;
 - Any known alternatives to the equipment proposed; and
 - Estimated cost and source of funding.