


MICHIGAN STATE
UNIVERSITY

December 5, 2012

MEMORANDUM

To: Trustee Finance Committee

From: Fred L. Poston 

Subject: **Authorization to Plan**
Facility for Rare Isotope Beams - 25 Mega Watt Electrical
Duct Bank

RECOMMENDATION

BE IT RESOLVED that the Trustee Finance Committee recommends that the Board of Trustees authorize the Administration to plan for the project entitled Facility for Rare Isotope Beams - 25 Mega Watt Electrical Duct Bank.

BACKGROUND

Program Need:

The existing electrical cables from the T.B. Simon Power Plant do not have the capacity to carry future loads required by the Facility for Rare Isotope Beams (FRIB) Facility.

General Description of the Project:

The planning of this project is anticipated to include the installation of a concrete encased duct bank from the T.B. Simon Power Plant to FRIB/Cyclotron which will be capable of transmitting up to 25 MW of electrical power and have spare capacity for future campus needs. This project is necessary for the delivery of power to the FRIB facility regardless of the sources or providers of the power.

The electrical duct bank will begin to the west of the T.B. Simon Power Plant in the Service District and terminate at the northwest corner of Wilson Road and Bogue Street in the central academic district. The location of this project is consistent with the Campus Master Plan and Planning Principles.

Based on an assessment of the factors stated in the Project Planning and Approval process concerning Project Labor Agreements (PLA), the Vice President for Finance and Operations and Treasurer has determined that a PLA would not be required for this project.



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Communication Plan:

During the planning phase, the campus community will be given opportunities to provide feedback on the project as it is being designed. Input from the project planning team will be solicited during the design phase.

Preliminary Project Cost Information:

Based on cost experience for similar projects and current pricing information, the preliminary project cost estimate is \$26,000,000. This estimate may change as planning progresses and the project scope is further defined.

The source of funds for the project is expected to be tax-exempt financing.

cc: R. Flinn, M. Haas, J. Kacos, G. Klein, B. Kranz, B. Latta, K. Lindahl,
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CP12132

Authorization to Plan Facility for Rare Isotope Beams – 25 Mega Watt Electrical Duct Bank

Project Area

