

Contact: Jean Friedrich

UNIVERSITY OF IOWA – EQUIPMENT PURCHASES

Action Requested: Consider approval of the equipment purchases at the University of Iowa for:

- 3.0 Tesla Magnetic Resonance Imaging (MRI) System at an estimated cost of \$2,079,950; and
- Siemens Biplane Cardiac Angiography System at an estimated cost of \$1,754,349.

Executive Summary:

The University of Iowa requests approval to purchase a 3.0 Tesla Magnetic Resonance Imaging (MRI) System and a Siemens Biplane Cardiac Angiography System

The University believes that the purchase of a research dedicated MRI system for the Carver College of Medicine Radiology department would greatly enhance the research facilities for in vivo imaging and would be used to pursue novel research interests in neuro, orthopedic, and cardiac imaging. Research projects within the Carver Colleges of Medicine, Engineering and Liberal Arts are identified as users of this MRI system. The source of funding for this purchase will be National Institutes of Health grant funds during FY 2006. The MRI system would be purchased from Siemens Medical Solutions. The UIHC has a contract with Siemens that was executed after a competitive bidding process involving eight vendors resulted in a five year “Strategic Alliance” for purchase of imaging equipment. This purchasing agreement provides the UIHC with extremely competitive pricing and other benefits.

The Siemens Biplane (two camera/two angle) Cardiac Angiography System would be used to expand the diagnostic and interventional angiography capabilities of the Adult Cardiac Catheterization and Electrophysiology Laboratories located in the UI Heart Center at Roy Carver Pavilion. Included with this system are radiation management, documentation interface, patient monitoring and technology to integrate into existing laboratory systems. The biplane technology can result in decreased procedure and wait times, and enhanced patient safety during the performance of complex procedures. Combined with the existing Stereotaxis magnetic guidance system, UIHC would provide the most advanced diagnostic and interventional cardiac procedures available in Iowa. The source of funding is UIHC capital equipment funds for FY 2006. Three vendors responded to a Request for Proposal. The award was made to the vendor, Siemens, with the most valuable RFP response.

The purchase of this system is contingent upon Certificate of Need approval from the Iowa State Health Facilities Council which is scheduled to meet April 18, 2006.

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.