

# FCR 3

Office of the President  
March 29, 2011

Members, Board of Trustees:

## DATA CENTER INFORMATION TECHNOLOGY EQUIPMENT – HOSPITAL

Recommendation: that the Board of Trustees approve the purchase of \$10,100,000 of information technology equipment necessary for the new Patient Care Facility's Data Center approved by the Board of Trustees February 22, 2011.

Background: Information systems in the healthcare industry are critical to providing high quality patient care and running efficient clinical operations. UK HealthCare has rapidly expanded its medical and clinical information systems during the last five years. UK HealthCare's information system needs have exceeded the capacity of the current Data Center.

Within the last two years, 50 separate systems were extended to Good Samaritan Hospital and information systems were added in the Inpatient Pharmacy of the Albert B. Chandler Medical Center and the newly opened Emergency Department. In addition, an Electronic Health Record (EHR) system, approved by the Board of Trustees February 22, 2011, is being acquired and will be implemented in all of UK HealthCare's ambulatory clinics. The implementation of the ambulatory EHR will consume the remaining capacity of the current hardware, storage, and communication equipment located in the existing Data Center.

The equipment recommended for acquisition will be located in the new Patient Care Facility Data Center. It will be comprised of an array of servers, network, storage, and security components to address immediate capacity needs and will provide the necessary capacity for approximately five to seven years. It also is the next step of a longer term strategy to provide an "always on" computing environment for clinical operations. The longer term strategy will be developed using this new equipment/Data Center as the foundation for further expansion.

The Data Center equipment will be funded via the cash balances of the HealthCare Enterprise.

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Action taken:     Approved     Disapproved     Other \_\_\_\_\_