

Memorandum

To: Interested Parties - Clinical Trial Management System Community
From: Craig P. Orgeron, Ph.D., Executive Director 
Date: August 1, 2013
Re: Notice of Intent to Solicit Bids for a Clinical Trials Management System

BACKGROUND

The University of Mississippi Medical Center – Cancer Institute (UMMC-CI) is notifying interested parties of their intent to solicit bids for the purchase and installation of a Clinical Trials Management System (CTMS) for fiscal year 2014.

UMMC is a hospital system and physician practice that makes up the state's only academic medical center, and is the largest diagnostic, treatment and referral care system in the state. The University of Mississippi Medical Center – Cancer Institute is dedicated to providing world class cancer care that involves research, clinical trials, drug development, outreach programs for the community, patient education and outpatient treatment. A multi-year plan is currently in place to build a large contingent of expert cancer researchers and support them with state-of-the-art infrastructure, including the latest informatics platforms.

VISION

The strategic vision for UMMC- CI includes developing a state-wide network of hospitals and oncology groups to promote the latest treatments, expertise, research, and education for cancer services throughout the state. Within the next 7 – 10 years, UMMC-CI will apply for status as a National Cancer Institute (NCI) designated cancer center. In addition, UMMC-CI will substantially increase clinical trials enrollment and develop a Phase I clinical trials unit.

CTMS SOLUTION

Currently, UMMC-CI does not have an integrated solution to support the needs of those conducting clinical research. At present, UMMC-CI utilizes an Access database along with a series of spreadsheets to monitor key items for clinical trials, patient management and regulatory requirements from an administrative perspective. The current database size is 16MB, and has been in use since 1999 (converted from dBase), and includes information

for more than 6,500 patients. This data must be converted from the database and spreadsheets to the designated CTMS solution.

Achieving excellence in clinical research requires a supporting infrastructure, and acquiring a Clinical Trial Management System will significantly improve the day-to-day administrative, financial, and clinical requirements of UMMC-CI. The CTMS solution will primarily be used by UMMC-CI; however, UMMC is currently working to develop a state-wide cancer consortium i.e. Mississippi Cancer Consortium (MCC). In the future, other hospitals and physician groups around the state will also use the system if they are MCC members.

CLINICAL TRIALS

At the present time, there are approximately 80 adult studies open at UMMC-CI. With approval to use the National Cancer Institute Central Institutional Review Board (NCI CIRB), this number could easily increase to well over 100. There have been more than 130 adult studies open at any given time in recent years. It is estimated that at least 35-40 new adult studies will be implemented each year. Please note that pediatric clinical trials are not included in the totals above, and the CTMS will be utilized by Pediatric Oncology as well. Currently, there are approximately 100 pediatric clinical trial studies open.

The following is a list of special types of clinical trials performed at UMMC-CI:

1. NCI cooperative group cancer treatment
2. NCI cooperative group cancer prevention
3. NIC cooperative group symptom management studies
4. Investigator initiated studies – cancer (small number)
5. Various types of cancer related phase 1 studies by the end of 2013

DEMONSTRATIONS

The State will schedule vendor demonstrations in advance of the preparation, advertisement and publication of a Request for Proposals (RFP). Notice regarding vendor requirements for demonstrations will be posted to the ITS website in the near future.

If you have any questions, please contact Kay-Lynn Meador at KayLynn.Meador@its.ms.gov or 601-432-8001.