

BRIEFING MEMO

Maine Medical Center to Develop a Simulation Center

DATE: December 7, 2009

TO: Brenda M. Harvey, Commissioner, DHHS

THROUGH: Catherine Cobb, Director, Division of Licensing and Regulatory Services

FROM: Phyllis N. Powell, Manager, Certificate of Need Unit
Steven R. Keaten, Health Care Financial Analyst
Larry D. Carbonneau, Health Care Financial Analyst
Richard F. April, Health Care Financial Analyst

SUBJECT: Develop a Simulation Center

ISSUE ACTIVATED BY: The referenced proposal requires Certificate of Need (CON) approval as defined in "The Maine Certificate of Need Act of 2002," 22 M.R.S.A. §325 et seq., as amended.

REGISTERED AFFECTED PARTIES: None

I. BACKGROUND:

- Maine Medical Center (MMC), a subsidiary of MaineHealth and located in Portland, Maine, is a non-profit 501 (c) (3) corporation. MMC is licensed for 637 beds and 30 newborn bassinets. MMC is State-licensed and Federally-certified by the Joint Commission and is Medicare and Medicaid certified. MMC has an existing Graduate Medical Education Program that is accredited through the Accreditation Council for Graduate Medical Education (ACGME).
- In the preliminary analysis, CONU determined that the applicant satisfied review criteria and recommended that the Commissioner approve the application subject to the following conditions:
 - 1) The applicant should be required to report to CONU any bills passed by Congress that increases the number of slots funded under Medicare and MaineCare that Maine Medical Center is allowed to charge for educational reimbursement.
 - 2) The applicant should be required to report to CONU any bills passed by Congress that will fund capital expenditures for this Simulation Center.

II. PROJECT DESCRIPTION:

- “The Simulation Center project involves reusing MMC’s vacated Ambulatory Surgery Suite on the 3rd floor of MMC’s facility located on its Brighton Avenue, Portland, Maine campus. The estimated project capital expenditure is \$5,820,000. This capital cost involves facility renovation costs, medical equipment for three high-resolution clinical areas, patient mannequins and associated software, and high-quality audio-visual systems to record and broadcast the simulations for educational purposes.”
- “The Simulation Center includes three fully equipped, accurate replicas of MMC clinical environments: an Operating Room, an Emergency Department Trauma Bay / Intensive Care Room and a Medical / Surgical Patient Room. These rooms are equipped and furnished in much the same fashion as MMC’s actual clinical settings. The operating room is a replica of an operating room in MMC’s recently constructed Scarborough Surgery Center; the trauma bay, which will support intensive care scenarios, resembles the trauma bays in MMC’s newly expanded Emergency Department. The medical / surgical room is comparable to recently refurbished and equipped patient care rooms.”
- “These high resolution simulation rooms contain sophisticated mannequins, known as patient simulators. Patient simulators provide health care professionals with a computer-based patient that breathes, responds to drugs, talks, and exhibits human physiology. The simulators come in newborn, infant, pediatric or adult configuration; and can mimic both male and female anatomies.”
- “The Center contains a Skills Lab with task trainers to teach students and residents specific clinical tasks; e.g., how to utilize laparoscopic, minimally invasive surgical instruments, how to give a smallpox inoculation or how to insert a chest tube.”
- “Observation / debriefing rooms, a simulation control room, technical workshop, administrative offices and support functions are included in the space program.”
- “By mid-2010 MMC will increase its residency and fellowship programs from 207 to 241 positions (a 16 % increase).”

III. HIGHLIGHTS:

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| Letter of Intent filed: | May 11, 2009 |
| Technical assistance meeting held: | June 11, 2009 |
| CON application filed: | August 12, 2009 |
| CON certified as complete: | August 12, 2009 |
| Public Notice Published: | September 16, 2009 |
| Public comment period ended: | October 16, 2009 |
| Preliminary Analysis Released: | November 13, 2009 |
| Public comment period ended: | December 4, 2009 |

IV. PUBLIC COMMENTS RECEIVED IN RESPONSE TO THE PRELIMINARY ANALYSIS:

Following release of the Preliminary Analysis no public comments were received.

V. APPLICANT’S RESPONSE TO PRELIMINARY ANALYSIS WITH CONU COMMENTS:

Following release of the Preliminary Analysis the applicant stated on November 13, 2009 via e-mail that “MMC has reviewed the CONU's preliminary analysis, and concurs with the CONU findings, recommendation and conditions”.

VI. CONCLUSION:

The Preliminary Analysis by CONU staff dated November 13, 2009 concluded that this application, with conditions, satisfied CONU review criteria. For all the reasons set forth in the Preliminary Analysis and in the record, CONU concludes that the review criteria have been satisfied and recommends the approval of a CON with conditions.

VII. RECOMMENDATION:

The CONU recommends this proposal be **Approved with the following conditions:**

- 1) The applicant should be required to report to CONU any bills passed by Congress that increases the number of slots funded under Medicare and MaineCare that Maine Medical Center is allowed to charge for educational reimbursement.
- 2) The applicant should be required to report to CONU any bills passed by Congress that will fund capital expenditures for this Simulation Center.

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| <u>Capital Costs</u> | |
| \$ 5,542,458 | Capital costs as Approved |
| <u> \$ 277,123</u> | Contingency |
| \$ 5,819,581 | Total Approved Capital Costs |
| | |
| <u>Incremental 3rd Year Costs</u> | |
| \$ 3,147,532 | Approved Incremental Costs |
| | |
| <u>Capital Investment Fund</u> | |
| \$ N/A (Simplified Review) | Approved CIF |