Missouri Health Facilities Review Committee
Certificate of Need Expedited Ballot Meeting
September 21, 2020

Tentative Agenda

New Business:

1. #5803 HT: Cox Medical Center Branson
   Branson (Taney County)
   $2,638,702, Replace linear accelerator
<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Organization</th>
<th>Phone Number</th>
<th>Position</th>
<th>Advocated</th>
</tr>
</thead>
<tbody>
<tr>
<td>BREITE, Christopher</td>
<td>Health Care Planner</td>
<td>Lester E. Cox Medical Centers</td>
<td>417-269-7684</td>
<td>Support</td>
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(Sorted by project number as they appear on the agenda)
#5803 HT: Cox Medical Center Branson

Replace Linear Accelerator

Location in Missouri

View of Service Area

**Applicant:** Cox Medical Center Branson (owner/operator)

**Contact Person:** Christopher D. Breite, 417-269-7684
crhistopher.breite@coxhealth.com

**Project Address:** 525 Branson Landing Blvd
Branson, 65616 (Taney County)

**Cost:** $2,638,702

**Appl. Rec’d:** August 9, 2020

**100 Days Ends:** November 17, 2020 (30-Day Extension: December 17, 2020)

**Conclusions:** Based on the following Certificate of Need Rules:

- Application Summary....... 19 CSR 60-50.430(3) ..........Documented
- Detailed Description........ 19 CSR 60-50.430(4) ..........Documented
- Community Need ............ 19 CSR 60-50.440(3) ..........Documented
APPLICATION SUMMARY:
The application summary was complete.

PROPOSAL DESCRIPTION:
The detailed project description was complete.

The applicant proposes to replace a linear accelerator. A Certificate of Need (3675 HS) was issued in November of 2004 for the current unit. The existing unit is a Varian Medical Clinac 2100iX. The replacement equipment would be a Varian TrueBeam linear accelerator and be located in the same existing vault on campus. The project includes the unit, hardware and some renovations to the vault.

The applicant anticipates project completion and equipment operational by November of 2020.

COMMUNITY NEED CRITERIA AND STANDARDS:
Compliance with the Criteria and Standards for “equipment” was documented.

The current unit is over 14 years old and fully depreciated. According to the vendor, Varian Medical Systems, 7-9 years is the useful life. With the existing system aging, repairs are required causing more frequent interruptions for scheduled patient treatments and replacement parts are becoming more difficult to obtain.

The TrueBeam system has three important technological advancements: Stereotactic Body Radiation Therapy (treatment technique combining precise patient immobilization, pretreatment imaging and narrowly focused beams); Intrafraction Motion Management (technique enabling adjustment of the radiation target); and Volumetric Arc Therapy (radiation therapy technique delivering radiation doses continuously as treatment machine rotates around the patient).

Additionally, other new capabilities include: shorter treatment times, increased accuracy in dosage delivery, reduces unwanted radiation dose and improved safety. Patient satisfaction would be improved by patients no longer having to choose between leaving the area for treatment or a longer treatment course.

The applicant expects utilization to increase with the replacement equipment and states there would be no direct increase in patient charges.

ADDITIONAL INFORMATION:
A small amount of additional information was required from the applicant and is included with the electronic application on the CON website.