



Oregon Health Authority

## Capitol Project Reporting Form (CPR-1)

### Reporting Entity Identification and Contact

#### Facility

**Name:** Legacy Emanuel Hospital and Health Center  
**Federal Tax ID#:** 93-0386823  
**Address:** 2801 N. Gantenbein Ave  
**City:** **Portland** **State:** OR **Zip Code:** 97227

#### Individual completing form

**Name:** Carolyn Coggins  
**Title:** VP Fin Strategy Plng Analytics  
**Email:** [ccoggins@lhs.org](mailto:ccoggins@lhs.org)  
**Phone:** 503-415-5977  
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*If address is different than facility listed above, please provide:*

**Address:** 1919 NW Lovejoy St  
**City:** Portland **State:** OR **Zip Code:** 97209

### Capital Project Qualitative Information

#### 1. Provide a brief description of the project.

##### Capital Project # 11880:

This is a purchase of equipment to upgrade our 4 existing catheterization (Cath) labs moving to the new west wing tower, and equipment for 2 additional labs. This will provide a total of 6 catheterization labs. Includes the single or bi plane in each room plus Injectors (5), Intrasites (3), Intrasite Mobile (1), CV Ultrasounds (2) and POC Ultrasounds (6). The project also includes (16) ICVR and additional support rooms to complete the full Cath Lab suite.

2. **Proposed start date:** 7/11/22
3. **Date of approval by board:** 3/24/2022 – Annual FY23 Planning & Capital
4. **Expected completion date:** 8/15/2023
5. **What is the expected project cost?** \$10,800,000
6. **Describe the expected benefits to the community that your facility serves. Include both direct financial benefits such as charity care as well as qualitative benefits such as access to care and quality improvements. Attach additional pages if needed.**

The new facility to the Emanuel Campus updates & adds to the quality & quantity of medical care for the local and regional community. Adding modern equipment demonstrates the Legacy Leadership commitment to the local & regional community.

**7. In what ways may this project negatively impact the community that your facility serves? Include direct cost such as bonds as well as indirect impacts such as service interruptions. Attach additional pages if needed.**

There are no known negative impacts to community

**Finance portion we include on all projects:**

Legacy Emanuel Hospital provides free or reduced cost care to all patients who qualify under our charity care policies and services provided by this replacement and renovation project would be included.

Emanuel Hospital provided \$ 32.2 Million in charity care in fiscal year 2022.

**8. How has your facility evaluated the need for this project within the community that you serve?**

Yes, this facility was reviewed by Emanuel Hospital and Legacy Senior Leadership, and again reviewed by the board in March 2022. Emanuel has a long – standing status as a quaternary and tertiary center for Cardiac services. Disruption of Cath services would negatively impact the service area which includes vulnerable populations.

LEMC is the referral center for complex adult and pediatric Cardiology, Structural Heart, EP, Stroke Thrombectomy, Trauma and ECMO. In LEMC primary service area, majority of the procedures in the Cath lab will growth both in inpatient and outpatient business. To meet this increasing demand, the renovated Cath Lab is needed considering the risks following limitations of the current Cath Labs:

- *Infrastructure*

<b>Cath Lab Suite</b>	<b>Current Services Provided</b>	<b>End of Life</b>	<b>End of Service Life</b>
Room 1	Primary EP room	12/31/2019	12/31/2022
Room 2	Vascular, IR, Trauma/ECMO, Structural Heart	12/31/2019	12/31/2022
Room 3	Adult cardiac	12/31/2020	12/31/2022
Room 4	Neuro, back-up EP, IR/Vascular	12/31/2022	12/31/2024
OR 18 Hybrid	Primary Pediatrics and TAVR	12/31/2024	12/31/2028

- Cath Labs 1 and 2 are at end of equipment life as of 12/31/2019 and were out of service life at 12/31/2021. Negotiations between Legacy SCS with Phillips in 2021 resulted in an extension of service contract to end of 2022. After this time, Phillips will no longer provide maintenance, support services, provide parts, remote or telephone services, or on-site engineering support, which exposes Legacy to significant risk.

- *Environment of care*

- Lack of overall space within the lab. There is no place to stage stretchers or patients without blocking the hallways and entrances. The existing design does not meet current regulatory standards as it relates to infection control.
- Cath lab suites are small and crowded – this space insufficient for the volume and size of technology required.

- *Workflow Efficiency and Patient Safety*

- Distances from the current pre/post areas to the lab are inefficient. The pre/post care unit (ICVR) is located 3 floors up from Cath lab and requires extensive transport.
- Similarly, patients requiring recovery in the PACU must be transported down through another building to the PACU department
- Patient transport between these multiple locations is fraught with risk due to long distances
- *Technology and Power*
- Existing technology within imaging components is outdated resulting in greater radiation exposure to staff and patients.
- Out of the 4 labs, one suite is not backed up by battery/generator power. During power outages, there have been incidences with patients intraoperative that could have resulted in poor outcomes.
- *Patient Satisfaction*
- ICVR has no family waiting room for relatives to wait during patient care.
- There is no family waiting room, or private consult space. Families receive detailed information about their loved one's procedure and clinical status in the middle of the Emanuel Main Lobby.

**9. Are the medical services created by this project already available in the community that your facility serves?**

Yes, however this is a replacement and expansion of aging equipment with the long-planned move of services into our newly completed structure that will better serve patients and physicians.

Other facilities that provided Cath services in the community that Legacy Emanuel serves:

- OHSU is one of the major providers for cardiovascular services. They are recognized for strong clinical outcomes, research, and teaching/training. OHSU's Knight Cardiovascular Institute was ranked 47th in Cardiology and Heart Surgery by U.S. News & World Report. Today more than 2,000 procedures are performed every year in OHSU's cardiac catheterization labs. LEMC cardiovascular market share for CY20 is 10.5% compared to OHSU cardiac services market share for CY20 of 11%. They have a Hybrid OR and were approved to perform TAVI procedures in late 2011.
- Adventist Medical Center (Adventist) has a strong cardiac program. In 2009, Adventist open its Northwest Regional Cardiac Center in its new Pavilion building. The Northwest Regional Cardiac Center includes in-patient treatment areas, pre-operative rooms, four Cath labs, and surgical suites. Adventist is considering the cardiac center for East Portland. Adventist cardiac services market share for CY20 of 7%.
- Provident St. Vincent Medical Center (Providence St. Vincent) is known with its cardiac institute. St. Vincent's Cath lab has seven rooms, one of which is a hybrid operating suite, shared with the cardiovascular operating room (CVOR). Of the remaining six rooms:
  - one is a neuro/bi-plane room;
  - three are dedicated to cardiac procedures;
  - one is a Philips Allura Xper FD20 (Bothell, WA) used for peripheral cases, with the capability to also do cardiac procedures;
  - one is used for both cardiac and peripheral procedures as a dual-plane room.
 An outpatient Cath lab affiliated with the hospital is also located nearby. The hybrid operating suite is located within the CVOR. It is used not only for cardiac procedures, but for any surgery that needs to be performed, ranging from open heart to craniotomy, to abdominal or any peripheral surgery. St. Vincent runs five Cath Labs a day on average. The Cath labs have a mix of cardiac procedures—diagnostic coronary angiography, PCI, significant numbers of TAVR, as well as MitraClip (Abbott) and Impella (Abiomed) cases—on a regular basis. In addition to that, they also have a fair number of neurovascular, interventional radiology, and vascular procedures. Providence St. Vincent cardiac services market share for CY20 of 17%.
- Providence Portland Medical Center (Providence Portland) has Cath labs, but most of the Cath labs are used for emergent procedure. All elective Cath procedures are routed to Providence St. Vincent with an effort to centralize the cardiac services at this campus. Providence Portland cardiac services market share for CY20 of 9%.


## Public Notice and Comment

1. Provide a link to the webpage where public notice of the capital project was posted. If your facility does not maintain a webpage provide the name of the newspaper where the public notice was made and date of publication. Attach additional pages if needed.

<https://www.legacyhealth.org/Policies/Capital-Reporting>

2. Describe your facility's method of collecting and reviewing public comments on the capital project. Attach additional pages if needed.

We will post a copy of this CPR-1 form on our website (see link above) with an email address for comments to be sent to. All comments received will be reviewed and summarized by Financial Planning and reported to the President of the hospital and the Chief Financial Officer of Legacy Health.

<b>*Signature:</b>	Carolyn Coggins  <small>Carolyn Coggins (Jul 8, 2022 11:33 PDT)</small>
<b>Date:</b>	7/8/22

*\*Entry of name connotes signature*

Please **email** the completed form to: [HDD.Admin@dhsaha.state.or.us](mailto:HDD.Admin@dhsaha.state.or.us)

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