



MICHIGAN STATE UNIVERSITY
BOARD OF TRUSTEES
Executive Action Summary

Committee Name: Budget and Finance

Date: October 27, 2023

Agenda Item: Authorization to Proceed - Biomedical Animal Resources – Provision for Large Animal Imaging – Clinical Center

Information

Review

Action

Resolution:

BE IT RESOLVED, that the Board of Trustees of Michigan State University hereby authorizes the Administration to proceed with the project titled “Biomedical Animal Resources – Provision for Large Animal Imaging – Clinical Center.”

Recommendation:

The Trustee Committee on Budget and Finance recommends that the Board of Trustees authorize the Administration to proceed with the creation of new animal imaging research facility in the Clinical Center with a project budget of \$11.15 million.

Prior Action by BOT: The Board authorized planning for this project on February 11, 2022.

Responsible Officer: Barbara J. Kranz, Assistant Provost, Institutional Space Planning and Management,
Daniel Bollman, Vice President for Strategic Infrastructure Planning and Facilities.

Summary: The project will repurpose 18,600 square feet in the Clinical Center D-wing to accommodate large animal imaging. The project will use existing infrastructure where possible and update building systems, particularly ventilation, to accommodate new magnetic resonance imaging (MRI) and positron emission tomography (PET) scanning equipment. The university anticipates receiving scanning equipment as an in-kind donation from a manufacturer. New animal holding rooms will also be constructed and existing equipment will be removed and replaced.

The Construction Manager is Barton Malow. The design firm is Peter Basso Associates. Construction will commence in January 2024 with substantial completion expected in September 2024.

Background Information:

It is important for Michigan State University to continue expanding large animal imaging capabilities, allowing for the study of normal physiology, investigation of human pathologies with high mortality, and education of the next generation of biomedical scientists in support of the university's research initiatives. The project will:

- advance multiple clinical and pre-clinical research programs that will benefit from state-of-the-art imaging tools
- dramatically enhance existing institution-wide research programs, catalyze new collaborations between basic and clinical researchers
- promote high-level collaborations between MSU and investigators at regional and national institutions
- provide opportunities to increase federal funding, philanthropy, and industry support for research in precision medicine
- provide anticipated new intellectual property filings and emergence of new entrepreneurship

The Clinical Center is on Service Road in the south academic district.

Source of Funds:

The project would be funded by:

- \$6.7 million grant from the National Institutes of Health
- Capital renewal
- Provost and Executive Vice President for Academic Affairs
- Executive Vice President for Health Sciences
- Vice President for Research and Innovation
- Non-general funds

Resource Impact:

Additional operational staff support and the potential for establishment of user fees to support ongoing operations.