The University of Missouri – Columbia requests approval for Architect/Engineer hiring for the Translational Precision Medicine Complex (TPMC) project. The total project budget is $220,800,000 and total project funding is to be determined.

Translational medicine brings researchers and clinicians together in a multi-disciplinary, collaborative setting supported by advanced technology and data analysis tools. The NIH has identified translational medicine research as a major focus for grant funding. The TPMC will integrate multidisciplinary laboratory space with advanced analytical instrumentation, computational processing, and pilot scale manufacturing under one roof, providing the platform needed for integration of biomedical, electrical, bio molecular, mechanical and industrial engineering with both veterinary and human medicine. The Translational Precision Medicine Complex (TPMC) will consist of a 275,000 gross square foot facility (GSF) sited along Hospital Drive and includes 35,000 GSF of Innovation Space to allow for evolving research opportunities. This location is an important campus nexus for interdisciplinary activities involving MU Health Care and campus research core facilities.

Burns & McDonnell Engineering Company, Inc., Kansas City, Missouri, is the recommended architect/engineer for this project. Burns & McDonnell presented a well-balanced and experienced team with in-depth knowledge of complex multi-discipline research facilities, including imaging, clean room and GMP/GLP experts on their team. LSY Architects, Bethesda, Maryland, will serve as a specialty sub-consultant and brings a great depth of experience with NIH grants, funding and related laboratory and vivarium design projects. The design team includes architecture services, mechanical, electrical, plumbing, and fire protection engineering by Burns & McDonnell; specialty lab and vivarium planning by LSY Architects, Bethesda, MD (DBE); architectural support, Odimo, Kansas City, MO (WBE).

The selection committee also interviewed BSA Life Structures, Inc., St. Louis, Missouri, Christner, Inc., St. Louis, Missouri, and Flad Architects, Inc., Madison, Wisconsin.

The fee for basic architectural and engineering services has been determined by interpolating the University of Missouri’s “Architectural and Engineering Basic Services Fee Estimating Guidelines” with UM Facilities Development and Planning at 5.20% of the $156,426,000 estimated construction cost equating to $8,134,150. Additional services for equipment planning; audio-visual planning; food service planning; multiple bid packages; and an accelerated schedule with bi-weekly progress meetings is anticipated at $275,000, for a total design fee of $8,409,150.

Project delivery will be by Construction Manager at Risk (CMR). The total construction cost is $569/GSF and is expected to be completed in October 2021.
Recommended Action - Architect/Engineer Hire, Translational Precision Medicine Complex, MU

It was recommended by Chancellor Cartwright, endorsed by President Choi, recommended by the Finance Committee, moved by Curator ________________ and seconded by Curator ________________, that the following action be approved:

the project approval for Translational Precision Medicine Complex, MU

Funding of the project budget is TBD.

Roll call vote of the Committee:  
YES  NO  
Curator Brncic  
Curator Chatman  
Curator Layman  
Curator Snowden  
Curator Sundvold  

The motion ________________.

Roll call vote:  
YES  NO  
Curator Brncic  
Curator Chatman  
Curator Farmer  
Curator Graham  
Curator Layman  
Curator Phillips  
Curator Snowden  
Curator Steelman  
Curator Sundvold  

The motion ________________.