

3T MAGNETOM CIMA.X FOR NEUROSCIENCE RESEARCH GRANT FOR WAYNE STATE UNIVERSITY

NATIONAL INSTITUTES OF HEALTH S10 OD028724-01

RECOMMENDATION

It is recommended that the Board of Governors authorize the President, or his designee, to approve a contract not to exceed \$3,378,201 to Siemens Medical Solutions USA, Inc. to procure a 3T MAGNETOM Cima.X scanner, the most modern FDA-approved 3T human magnetic resonance imaging system (MRI) which will be housed in the MR Core Research Facility at Wayne State University.

BACKGROUND AND PROJECT DESCRIPTION

A National Institutes of Health (NIH) High End Instrumentation (HEI) Award # S10 OD028724-01 for \$2,000,000 was granted to Wayne State University for the acquisition of a Siemens 3T human magnetic resonance imaging (MRI) scanner. The original request to the Board of Governors in December 2022 was for the 3T MAGNETOM PRISMA, which at the time was the most modern, FDA-approved 3T human MRI available. Since that time, the 3T MAGNETOM Cima.X scanner has been approved by the U.S. Food and Drug Administration, offering an improved ultra-strong body gradient system that will dramatically improve the spatial and temporal resolution of the MR imaging that is critical for advancing the science in detecting finer anatomical structures and enhancing tissue characterization of the brain’s microstructure.

The instrument offers the most modern software that will help researchers with the most demanding clinical and research challenges. It will deliver the highest anatomical detail available, opening new possibilities in research that were not available on the university’s old VERIO scanner that is currently being used. The new system will have an immediate impact on over 18 research programs at Wayne State University.

The full purchase cost for this instrument is secured by the NIH S10 Award # S10 OD028724-01 (\$2.0 million from NIH; \$1.378 million match from the Office of the Vice President for Research (OVPR) and the School of Medicine. This is an increase of \$148,201 from the original request. The projected installation date is May 2024.

PROJECT BUDGET

Funding Sources

NIH S10 Award # S10 OD028724-01	\$2.0 million
WSU Matching Funds - School of Medicine and Office of the VP for Research	\$1.378 million
Total Sources	\$3.378 million

SUBMITTED BY: BETHANY GIELCZYK, CHIEF FINANCIAL OFFICER AND INTERIM SENIOR VICE PRESIDENT FOR BUSINESS AFFAIRS AND TREASURER AND EZEMENARI OBASI, PH.D., VICE PRESIDENT FOR RESEARCH

TOTAL Expenditures

\$3.378 million

University Policy 04-6 – Contract Signatories requires that acquisition of moveable equipment in excess of \$1 million not associated with the structure of a building, whether by direct purchase or by capital lease, be approved by the Board of Governors prior to the transaction.

If the board approves this recommendation, the minutes will report as follows: The Board of Governors authorizes the President or his designee to contract with Siemens for the purchase of one Siemens 3T MAGNETOM Cima.X scanner, with a cost not to exceed \$3,378,201.