

NEW DATA CENTER DESIGN AUTHORIZATION

Recommendation

It is recommended that the Board of Governors authorize the President, or his designee, to award contracts to begin design phase activities for the eventual construction to build a New Data Center. It is further recommended that the Board of Governors authorize spending up to \$840,000 to design the facility through construction documentation and site administration. Funding for this project will be provided from future Bonds.

Background and Project Description

Built in 1915, the C&IT building located at 5925 Woodward Avenue in Detroit, Michigan has been the center for computing operations at Wayne State University since 1960. The existing facility supports the University's data center, staff, and support spaces. Over the last 55 years, many changes to the facility have been made in an attempt to keep up with the demands created by newer computing equipment; however, in each case the improvements were adaptations that still rely on a base infrastructure designed for a different computing era. A portion of the roof over the computing room is a wood structure and creates a concern regarding structural integrity as well as a potential danger for fire. The air conditioning equipment that is used to maintain a proper operating environment for the computing equipment has an average age of over 24 years and is extremely inefficient. The units, installed in 1996, are controlled by a single UPS controls cabinet and have exceeded their functional life. They are not long supported by the manufacturer. In the event of a breakdown, the entire UPS system would be disabled.

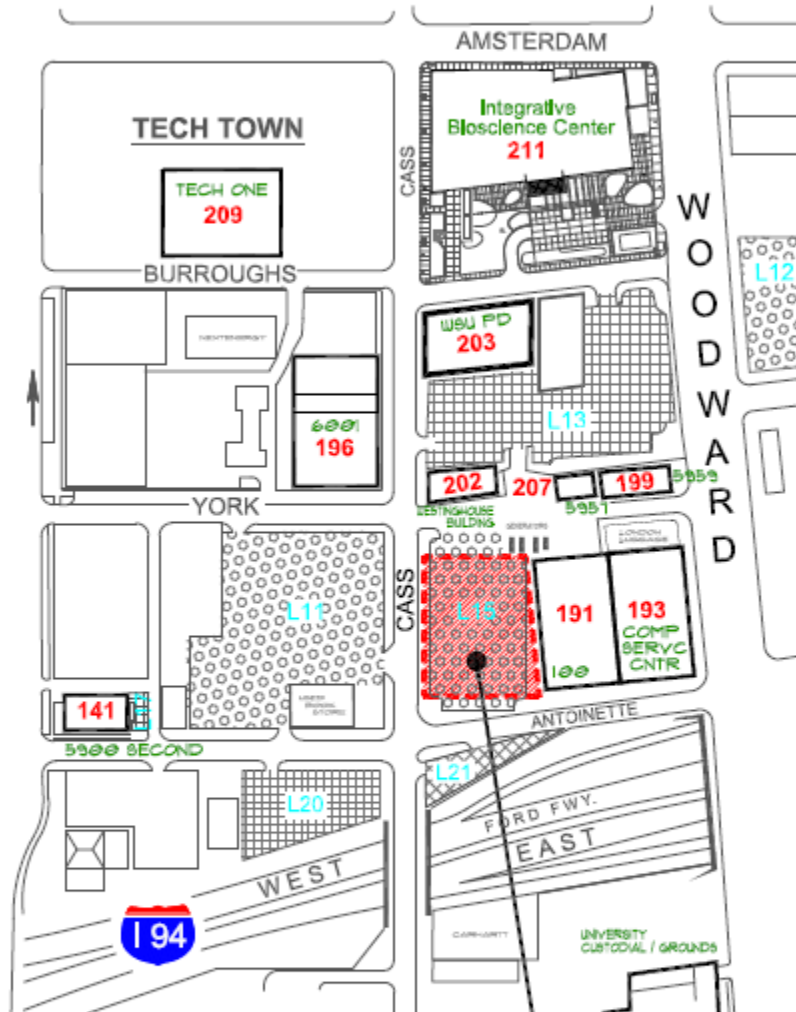
The project scope includes the design of a New Data Center, to provide a current-best-practice environment to support the technology and services while offering flexibility for future growth. The new Data Center building is planned for a 6,000 square foot data center with 4,000 square feet of support spaces, for a total 10,000 square foot building. The building design will include mechanical, security, fire protection, power back-up system, and network infrastructure.

All contracts for this project will be awarded in accordance with university policies and procedures.

Project Budget

Funding Sources	
Bonds	\$840,000
TOTAL Sources	\$840,000
Expenditures Plan	
Design Fees	\$840,000
TOTAL Expenditures	\$840,000

The New Data Center Project



WAYNE STATE UNIVERSITY
Detroit, Michigan



WSU Project # 193 - 281894

New Data Center
Antoinette at Cass Avenue