

Use and Finance Bi-Annual Reporting Form

Reporting Period: July 2016 through December 2016

University/College: Michigan State University

Number of Projects to Report: 4

Estimated Impact on Tuition and Fee Rates¹: 0%

¹ This amount shall be calculated by dividing the amount of tuition revenue that is annually budgeted for the institution's share of a project's cost by the most recent fiscal year equated student count for the institution.

PROJECT DESCRIPTION	PROJECT TIMELINE	PROJECT COSTS	FUNDING SOURCE																												
<p>1 Data Center - Business Continuity and High Performance Computing (CP13308) Construction of a data center and a related utility extension to address the University's needs for expanded compute capacity, better security, improved business continuity, and high-performance research computing. This upgrade of the University's computing facilities is part of a balanced approach to improved technology support on campus that also involves the use of cloud services and virtualization. The data center will reduce risks, in particular those associated with flooding; accommodate increasing demand for enterprise and research compute capacity; and support operational efficiencies through consolidation of servers and associated services. The data center will enhance security, utilize efficient infrastructure technologies, and provide growth capacity for the foreseeable future. The facility will have an immediate compute load of 2.5 megawatts, scalable with additional funding to 5 megawatts of compute load. Utility infrastructure and site design will support a future building expansion up to 10 megawatts.</p>	<p>Start Date: September-16 Completion: March-18</p>	<table border="0"> <tr><td>Property Acquisition</td><td>_____</td></tr> <tr><td>Remodeling</td><td>_____</td></tr> <tr><td>Additions</td><td>\$36,339,130</td></tr> <tr><td>Landscaping/Roads</td><td>\$215,000</td></tr> <tr><td>Equipment</td><td>\$4,625,000</td></tr> <tr><td>Other(Fees)</td><td>\$4,820,870</td></tr> <tr><td>Total:</td><td>\$46,000,000</td></tr> </table>	Property Acquisition	_____	Remodeling	_____	Additions	\$36,339,130	Landscaping/Roads	\$215,000	Equipment	\$4,625,000	Other(Fees)	\$4,820,870	Total:	\$46,000,000	<table border="0"> <tr><td>Tuition</td><td>_____</td></tr> <tr><td>Millage</td><td>_____</td></tr> <tr><td>Bond Proceeds</td><td>_____</td></tr> <tr><td>Donations</td><td>_____</td></tr> <tr><td>Federal</td><td>_____</td></tr> <tr><td>Other (Infrastructure Reserve funds and research grant overhead returns)</td><td>\$46,000,000</td></tr> <tr><td>Total:</td><td>\$46,000,000</td></tr> </table>	Tuition	_____	Millage	_____	Bond Proceeds	_____	Donations	_____	Federal	_____	Other (Infrastructure Reserve funds and research grant overhead returns)	\$46,000,000	Total:	\$46,000,000
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<p>2 Purchase of the building owned the Michigan State University Federal Credit Union (MSUFUCU) and located at 600 East Crescent Road East Lansing, Michigan. The 56,000 square foot building was constructed by the MSUFUCU in 1970 on MSU owned land via a ground lease. The ground lease provides that upon certain events, including MSUFUCU's desire to vacate the Building, MSU would have the option to purchase the Building. International Business Machines Corporation (IBM) lease with the MSUFUCU has been assigned to MSU upon acquisition of the Building. IBM will continue to occupy a portion of the Building consistent with their lease. The portion of the Building not occupied by IBM will be used by MSU to meet high priority program needs of the University, including consolidation of selected Information Technology Services staff, such as those associated with the operation of the Data Center.</p>	<p>Start Date: n/a Completion: n/a</p>	<table border="0"> <tr><td>Property Acquisition</td><td>\$5,000,000</td></tr> <tr><td>Remodeling</td><td>_____</td></tr> <tr><td>Additions</td><td>_____</td></tr> <tr><td>Landscaping/Roads</td><td>_____</td></tr> <tr><td>Equipment</td><td>_____</td></tr> <tr><td>Other(Fees)</td><td>_____</td></tr> <tr><td>Total:</td><td>\$5,000,000</td></tr> </table>	Property Acquisition	\$5,000,000	Remodeling	_____	Additions	_____	Landscaping/Roads	_____	Equipment	_____	Other(Fees)	_____	Total:	\$5,000,000	<table border="0"> <tr><td>Tuition</td><td>_____</td></tr> <tr><td>Millage</td><td>_____</td></tr> <tr><td>Bond Proceeds</td><td>_____</td></tr> <tr><td>Donations</td><td>_____</td></tr> <tr><td>Federal</td><td>_____</td></tr> <tr><td>Other (Infrastructure Reserve funds)</td><td>\$5,000,000</td></tr> <tr><td>Total:</td><td>\$5,000,000</td></tr> </table>	Tuition	_____	Millage	_____	Bond Proceeds	_____	Donations	_____	Federal	_____	Other (Infrastructure Reserve funds)	\$5,000,000	Total:	\$5,000,000
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<p>3 Purchase of Gruber Property in Tuscola County, Michigan for the Saginaw Valley Research and Extension Center The property is approximately 150 acres, and intended to be used for the Saginaw Valley Research and Extension Center (SVREC). The SVREC was created as part of the plan that relocated the former Saginaw Valley Bean and Sugar Beet Research Farm from Swan Creek Township to its present location in Tuscola County. This property is in very close proximity to the current location of SVREC. No buildings are included with the property. Both the University and interested industry sponsors supported the need for additional land to further enhance the growing bean, sugar beet, and other row crop research and extension activities in the Saginaw Valley area.</p>	<p>Start Date: n/a Completion: n/a</p>	<table border="0"> <tr><td>Property Acquisition</td><td>\$1,400,000</td></tr> <tr><td>Remodeling</td><td>_____</td></tr> <tr><td>Additions</td><td>_____</td></tr> <tr><td>Landscaping/Roads</td><td>_____</td></tr> <tr><td>Equipment</td><td>_____</td></tr> <tr><td>Other(Fees)</td><td>_____</td></tr> <tr><td>Total:</td><td>\$1,400,000</td></tr> </table>	Property Acquisition	\$1,400,000	Remodeling	_____	Additions	_____	Landscaping/Roads	_____	Equipment	_____	Other(Fees)	_____	Total:	\$1,400,000	<table border="0"> <tr><td>Tuition</td><td>_____</td></tr> <tr><td>Millage</td><td>_____</td></tr> <tr><td>Bond Proceeds</td><td>_____</td></tr> <tr><td>Donations</td><td>_____</td></tr> <tr><td>Federal</td><td>_____</td></tr> <tr><td>Other (MSU Land fund, Ag Bio Research funds, Industry donations)</td><td>\$1,400,000</td></tr> <tr><td>Total:</td><td>\$1,400,000</td></tr> </table>	Tuition	_____	Millage	_____	Bond Proceeds	_____	Donations	_____	Federal	_____	Other (MSU Land fund, Ag Bio Research funds, Industry donations)	\$1,400,000	Total:	\$1,400,000
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