

**ITEM 162-2006-R0314**  
**Attachment 1: BOR Policy 1003.7**

This authority request is for an amount greater than \$350,000, which requires the following additional information.

**(a) Project Description:**

This project performs programming and design services only for a new Academic Classroom and Laboratory building to accommodate MSU's College of Engineering as well as benefit other academic programs. It is MSU's desire to construct a LEED certified (Silver or higher) facility. The new academic facility will accommodate academic teaching and laboratory spaces, institutes, departmental, community outreach, and support spaces to better serve the MSU students and advance the missions of the College of Engineering and the University.

**(b) Cost Estimate and Funding Sources:**

*(Construction is not included in this authority request)*

Estimated Design Cost:	
Consultant Fees: .....	\$4,500,000
Pre-construction Services .....	250,000
Owner's Expenses: .....	50,000
<u>Contingency: .....</u>	<u>200,000</u>
Total	\$5,000,000

Funding Source: Funding for the design of academic facilities will be provided through private donations.

**(c) Program Served, Enrollment Data, Projected Enrollment:**

The facility will be occupied primarily by teaching and engineering related programs, and will also benefit all University programs. From the fall of 2003 to the fall of 2013, the College of Engineering has grown from 2,090 students to its current 3,102 students – 48.4 percent growth. The facility is expected to accommodate current enrollment levels as well as future growth to between 3,500 and 4,000 students. The new facility will also contribute to the retention of students by creating an inviting, student-centered environment that promotes innovation, collaboration, mentoring and advising. The facility will allow the College of Engineering to offer more opportunities to engineering students as well as to offer more interdisciplinary opportunities to students in other departments who wish to complete one of the College's minors or simply to explore an area of interest in the engineering disciplines. The new facility will include offices for MSU faculty, graduate assistants and teaching assistants involved in teaching engineering courses which will promote recruitment and retention of university personnel.

The College of Engineering is an essential component of MSU's educational mission. The enhancement of existing programs, courses, and services will advance the mission of the

College of Engineering, as well as the University's overall mission in education, research and community outreach.

**(d) Space Utilization Data:**

Under current crowded conditions, space allocated to the College of Engineering represents ~40-48 net assignable SF per student. It is anticipated that this ratio will improve to ~50-55 net assignable SF per student with the completion of this project.

**(e) Projected Use for Available Residual Space**

Much of the space currently occupied by various engineering departments in the existing engineering facilities will be re-used to relieve significant crowding in the current engineering instructional occupancies, and is expected to result in greater efficiency and higher quality delivery of existing instructional programs.

**(f) Projected O&M Costs and Proposed Funding Sources:**

This authority request does not authorize construction, financing or any operations & maintenance funding for this project. MSU intends to request construction authority (including State funding for O&M) for this academic facility from the 64<sup>th</sup> Montana Legislature (2015 - Long Range Building Program).