

Fiscal Year 2010-11 Capital Construction Request

Colorado State University

Engineering II Building

PROGRAM PLAN STATUS

2008-073

Approved Program Plan?

Yes

Date Approved:

October 2, 2008

PRIORITY NUMBERS

Prioritized By	Priority	
Dept/Inst	2 of 10	
CCHE	NP of 45	The project was approved, but not ranked by CCHE.
OSP - HghE	NP of 15	The project is not recommended for state funding.

PRIOR APPROPRIATION AND REQUEST INFORMATION

Fund Source	Prior Approp.	FY 2010-11	FY 2011-12	Future Requests	Total Cost
CF	\$0	\$65,000,000	\$0	\$0	\$65,000,000
Total	\$0	\$65,000,000	\$0	\$0	\$65,000,000

ITEMIZED COST INFORMATION

Cost Item	Prior Approp.	FY 2010-11	FY 2011-12	Future Requests	Total Cost
Land Acquisition	\$0	\$0	\$0	\$0	\$0
Professional Services	\$0	\$5,792,000	\$0	\$0	\$5,792,000
Construction	\$0	\$47,840,500	\$0	\$0	\$47,840,500
Equipment	\$0	\$5,175,133	\$0	\$0	\$5,175,133
Miscellaneous	\$0	\$2,352,615	\$0	\$0	\$2,352,615
Contingency	\$0	\$3,839,752	\$0	\$0	\$3,839,752
Total	\$0	\$65,000,000	\$0	\$0	\$65,000,000

SUMMARY OF THE PROJECT

Staff note. This project was originally requested from state funds for FY 2010-11.

Colorado State University (CSU) is requesting cash funds spending authority to construct a 96,773-GSF engineering building. The project provides the College of Engineering (COE) with the appropriate facilities to meet growing enrollment, faculty, and research demands. Due to space limitations, many COE graduate students conducting funded research have no access to an office, and undergraduate researchers have been asked to limit their time in the laboratory, which CSU says is a hindrance to academic growth.

The main objectives for the project are described below:

- 24-hour study area with a three-story atrium that will be open to all CSU students;
- novel studio classrooms for engineering instruction;
- teaching laboratories and design studios;
- large classrooms to accommodate between 50-70 students; and
- a new auditorium.

The university has also defined an optional fourth floor for the project.

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Source of cash funds. The university plans to issue a combination of Recovery Zone Economic Development Bonds and Build America Bonds for five capital projects, including construction of a new engineering building. The bonds will be issued for a period of 30 years at an anticipated rate of 4.24 percent with an average annual payment of \$6.3 million. The source of cash funds to repay the portion of the bonds issued for this project is a student facility fee. Additionally, the university has submitted a proposal for a National Institute of Science and Technology (NIST) grant and is soliciting donors for the project.

Required approvals. Pursuant to Section 23-1-106 (10)(b), C.R.S., any cash project included on an institution's Two-Year List of Projected Cash Need that is subject to the Higher Education Revenue Bond Intercept Program requires additional review by the Capital Development Committee (CDC) and the Joint Budget Committee (JBC). Thus, this project must be approved by the CDC as part of the institution's submitted Two-Year List of Projected Cash Need and, once notification has been received that the program plan and budget documents have been approved by the Colorado Commission on Higher Education, separately recommended to the JBC.

Staff questions and issues.

1. What is a "novel studio classroom?"

This is a classroom designed to enable a more collaborative, team style learning environment that will be modeled after the Rensselaer Polytechnic Institute classroom. Students learn in teams of 3-4, using fixed tables and computers to work through the day's problem. The form of the space is a "U-shape" seating arrangement with deep, shallow tiers. Tables and chairs are used instead of fixed seating or single desks to allow maximum flexibility for team collaboration.

2. When will the university learn whether or not it is a recipient of a NIST grant? What is the total amount possible in grant funding from this source?

We expect notification sometime in September 2010. We requested \$12.1M.