

FY 2010-11 Two-Year Projection of Cash Need

Colorado School of Mines

Project Name	LEED Certification	Amount	Fund Source
Academic Building Addition/Renovation 2011-039 The project constructs an addition to the Academic Building and renovates space within the building for use by a to-be-determined academic department in teaching freshman and sophomore core curriculum courses. The departments to be served will be Chemical Engineering, Chemistry, or Physics, and the space is expected to serve 1,000 to 1,500 students per year. The college says the new space will help alleviate an instructional space shortage caused by increasing enrollment, and will allow for better course delivery via smaller classes in a modern facility. The source of cash funds for the project is proceeds from a student capital fee.	Silver	\$9,000,000	CF
Advanced Energy Devices Calibration and Reliability Laboratory 2011-045 The project constructs a 55,000-GSF, three-story research laboratory building, which the school says will enable multi-disciplinary collaboration in support of the nation's efforts to achieve energy independence through advanced renewable power generation and use technologies. The facility will be used by faculty and researchers from the National Institute of Standards and Technology, the National Renewable Energy Laboratory, and industry partners. The school says the building is the first stage of a three-phase building plan for its Earth Industry Institute, a multidisciplinary research sub-campus focusing on technological and socio-economic issues at the nexus of energy and the environment. The source of cash funds for the project is a grant from the National Institute of Standards and Technology.	Silver	\$18,000,000	CF
General Research Laboratory 2011-041 The project constructs an 8,833-GSF, three-story addition to the existing General Research Laboratory. The building provides laboratory and support space for the development of optical-based biomedical devices, and will accommodate additional research in the fields of chemical engineering, physics, metallurgical and materials engineering, chemistry, and environmental engineering. The source of cash funds for the project is a federal grant from the National Institutes of Health under the American Recovery and Reinvestment Act of 2009.	Silver	\$5,000,000	CF
New Campus Housing 2011-040 The project constructs a five-story, 98,195-GSF residence hall to provide additional housing to freshmen and sophomore students. The new hall will add 291 beds to the campus, allowing the school to accommodate all entering freshmen in dormitory-style facilities. Enrollment is growing at the school, and the freshman population is currently partially housed in apartment-style units originally designed for graduate students and students with families. The source of cash funds for the project is revenue from the sale of Build America Bonds.	Silver	\$50,000,000	CF
Higher Education Revenue Bond Intercept Program. This project is subject to the Higher Education Revenue Bond Intercept Program, which directs the Treasurer to make payments of principal and/or interest on bonds, on behalf of a state-supported institution of higher education, in the event a higher education institution does not make a scheduled payment.			

Project Name	LEED Certification	Amount	Fund Source
<i>Pedestrian Tunnel</i> 2011-042	N/A	\$6,000,000	CF
<p>The project constructs a pedestrian bridge over U.S. Highway 6 at 19th Street in Golden, and a pedestrian tunnel under 19th Street at Elm Street, to connect noncontiguous school property with the main campus. The bridge and tunnel will replace dangerous at-grade pedestrian crossings, allowing safe pedestrian traffic between the main campus and Mines Park, a campus residential area.</p> <p>The source of cash funds for the project is a federal grant.</p>			
<i>Processing Laborator Clean Room Renovation</i> 2011-043	N/A	\$2,000,000	CF
<p>The project renovates an existing laboratory into a 2,000-GSF modern clean room for use in researching technologies that the school says are critical to the development of renewable energy sources and biomedical devices. The facility will be the only one of its kind on campus, and will be used by a broad range of research programs, students, and faculty, along with the school's governmental, industrial, and higher education collaborators.</p> <p>The source of cash funds for the project is a National Science Foundation grant.</p>			
<i>Vistor's Center</i> 2011-044	Silver	\$10,000,000	CF
<p>The project constructs a 14,000-GSF Visitor's Center, which will also house the school's alumni association, admissions, the Colorado School of Mines Foundation, and Institutional Advancement. The new building will replace the current facility housing these functions, which is scheduled to be demolished in 2010 to make way for the new Petroleum Engineering Building.</p> <p>The source of cash funds for the project is gifts and donations.</p>			

Total Projection of Cash Need	\$100,000,000
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