

Two-Year Projection of Cash Need -- December 6, 2011

Community Colleges and Occupational Education System

MOTION: Approve the Community Colleges System Two-Year Projection of Cash Need.

Project Name	LEED Certification	Amount	Fund Source
Front Range Community College <i>Classroom and Office Renovation, Westminster Campus</i>	2013-018 TBD	\$4,000,000	CF
Two-Year Projection of Cash Need - New			
<p>The project constructs classroom and office facilities in the areas of the Westminster Campus building to be vacated by the Humanities and Fine Arts Department. The project will provide new finishes and introduce natural light into areas FRCC says are currently perceived as dark and depressing. The project will also initiate new flooring design in major corridors and correct code issues building wide, and it will make improvements to landscaping and the exterior of the building.</p> <p>The source of cash funds is institutional reserves.</p>			
Front Range Community College <i>Humanities and Fine Arts Renovation, Westminster Campus</i>	2013-017 TBD	\$5,200,000	CF
Two-Year Projection of Cash Need - New			
<p>The project remodels space in the Westminster Campus building to house programs in the Humanities and Fine Arts Department, including updated facilities such as a theatre and gallery space. FRCC says the space used in this project was vacated in the consolidation of student services offices.</p> <p>The source of cash funds is institutional reserves.</p>			
Red Rocks Community College <i>Environmental Training Center Renovation and Expansion</i>	2013-015 TBD	\$2,000,488	CF
Two-Year Projection of Cash Need - New			
<p>The project constructs a 5,200-GSF expansion to the Environmental Training Center, which currently houses the college's academic program in water quality management. RRCC says the building's two classrooms and lab are insufficient to accommodate student demand and address industry need. The addition and renovation will add two classrooms, one large laboratory that can be divided into two small classrooms, restroom improvements, faculty offices, meeting space, and an open teaching demonstration area. RRCC says that the project will also improve access to outdoor training facilities that accommodate instruction in skills such as pipe tapping, meter installation, and leak detection.</p> <p>The source of cash funds is institutional reserves.</p>			
Total Projection of Cash Need		\$11,200,488	

Two-Year Projection of Cash Need -- December 6, 2011

Colorado Mesa University

MOTION: Approve Colorado Mesa University's Two-Year Projection of Cash Need.

Project Name	LEED Certification	Amount	Fund Source
Student Housing Phase V 2013-013	TBD	\$16,400,000	CF
Two-Year Projection of Cash Need - New			
<p>The project constructs an approximately 70,000-GSF, four-floor student housing facility that will add 300 beds to the university's student housing inventory. The housing will be suite style and serve freshmen and sophomores. According to the university, this need is based on a student housing demand study performed by Anderson Strickler in March 2011, which reflected a 500-bed shortage on the campus.</p> <p>The source of cash funds is bonds to be repaid from student housing rent revenues.</p>			
Student Parking Structure 2013-024	TBD	\$13,950,000	CF
Two-Year Projection of Cash Need - New			
<p>The project constructs a four-floor, 600-space student parking structure estimated to be 180,000 GSF. The university says the parking structure will be available both for commuter students and students living in campus housing, and is necessary to serve increasing enrollment.</p> <p>The source of cash funds is bonds to be repaid with parking revenues and other auxiliary funds.</p>			

Total Projection of Cash Need	\$30,350,000
--------------------------------------	---------------------

Two-Year Projection of Cash Need -- December 6, 2011

Colorado School of Mines

MOTION: Approve the Colorado School of Mines' Two-Year Projection of Cash Need.

Project Name	LEED Certification	Amount	Fund Source
Green Center Renovation 2012-020	Silver	\$31,000,000	CF
Two-Year Projection of Cash Need - New			
<p>The project renovates the 135,000-GSF Green Center and provides asbestos abatement. The Green Center houses the Department of Geophysics, CCIT (campus computing), and classrooms. According to the university, the center contains extensive and highly friable asbestos-containing materials, which has limited the university's ability to substantially improve the building. Emergency roof repairs were made to the building in 2004 and 2005 using state emergency funds and later capital construction funds. These funds were also used to address ADA-access deficiencies and some laboratory improvements. The university notes that the temporary roof repairs are now in danger of failure.</p> <p>The university has not yet identified a source of cash funds for this project but anticipates using bonds. The Department of Capital Planning and Construction is currently reviewing funding strategies with the school administration.</p> <p>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.</p>			
Lakes Library Addition and Renovation 2011-007	Silver	\$24,000,000	CF
Two-Year Projection of Cash Need - New			
<p>The project renovates the existing Arthur Lakes Library, which was last renovated and enlarged in 1977. The project includes 87,000 GSF of new and renovated space. According to the university, the library does not currently serve the needs of students and faculty. The renovation will add functionality and bring the library up to current code standards.</p> <p>The source of cash funds is donations.</p>			
Meyer Hall Replacement 2007-136	Silver	\$46,258,000	CF
Two-Year Projection of Cash Need - New			
<p>The project constructs a 103,647-GSF, four-story physics building on the site currently occupied by Meyer Hall. The new, centrally located physics building will feature teaching laboratories, classrooms, flexible research laboratories, seminar rooms, and computer labs. The university says that this project is needed to replace the obsolete facilities in the existing physics building; provide improved learning, teaching, and research space; generate new research funding; improve the national reputation of the program; and attract top students and faculty to the physics program. According to the university, Meyer Hall lacks sufficient space for the growing Physics Department, and the space it currently uses is functionally obsolete. Also, it is more cost-effective to replace the existing building rather than making the needed programmatic renovations, says Mines.</p> <p>The source of cash funds is bonds to be repaid from donations. According to Mines, fund-raising for the project is currently underway.</p> <p>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.</p>			

Project Name	LEED Certification	Amount	Fund Source
Student Health and Wellness Center	Gold	\$3,410,992	CF

2011-032

Two-Year Projection of Cash Need - Received Prior Approval

The project constructs a 10,192-GSF Student Health and Wellness Center in order to replace the existing, deteriorating facility. The center will locate student medical, dental, counseling, and disability services in a single facility in order to provide a better standard of patient care and to meet federal privacy regulations. The existing facility is only 2,682 GSF, and a space analysis conducted by Mines shows a need for a larger facility. The student population has almost doubled since the Student Health Center opened in 1988.

Approval history. The university increased the request amount from \$2,799,892 to \$3,410,992 to address higher-than-anticipated construction costs and an extension of the electrical feed to the project site. This increase was approved by the CDC on October 11, 2011.

The source of cash funds for the project is Build America Bonds to be repaid from revenue earned from a student health fee. The source of cash funds for the additional project cost is revenues from the Student Life Department.

Total Projection of Cash Need	\$104,668,992
--------------------------------------	----------------------

Two-Year Projection of Cash Need -- January 12, 2012

Colorado State University

MOTION: Approve Colorado State University's revised Two-Year Projection of Cash Need.

Project Name	LEED Certification	Amount	Fund Source
<i>Moby Arena Addition and Renovation Phase I</i> 2013-044 Two-Year Projection of Cash Need - New	Gold	\$4,500,000	CF
<p>The project constructs an addition to the existing Moby Arena and revitalizes the north and south concourses. The addition and renovation total 15,000 GSF. The addition will expand event space on the south side of the arena, with at least a 200-seat increase in capacity. The renovations will include new concession stands, new ticket booth locations, additional restaurant facilities, a new restaurant-style kitchen, and a Hall of Fame area with an interactive archive. According to CSU, the project will enhance the attendee experience and will be a valuable aid in student athlete recruitment.</p> <p>The source of cash funds is donations, loan repayments from the CSU Global Campus, and university reserves.</p>			
<i>Academic Village North</i> 2013-019 Two-Year Projection of Cash Need - Received Prior Approval	Gold	\$57,000,000	CF
<p>The project constructs a village on the north side of campus, at the site of the existing Lory Apartments. The village will include approximately 600 new beds, as well as programming, support, and academic spaces. Additionally, the project renovates the existing Durrell Dining Center to accommodate the increased student load.</p> <p>The source of cash funds is bonds to be repaid from housing revenues.</p> <p>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.</p>			
<i>Animal Sciences Building Renovation and Expansion</i> 2006-139 Two-Year Projection of Cash Need - Received Prior Approval	Gold	\$19,500,000	CF
<p>The project renovates the circa 1959 Animal Sciences Building (41,558 GSF) on the main campus, and constructs two additions to the facility, totaling 12,842 GSF. The project will provide separate and distinct space for three programs housed in the building: (1) nutrition; (2) meat sciences; and (3) microbiology. As part of the project, the building's existing plumbing, electrical, mechanical, and telecommunications systems will be updated or replaced; classroom space will be reconfigured; and modern audio-visual systems will be installed. The university explains that the facility is being used to capacity, no longer meets the needs of the Animal Sciences Department, and cannot accommodate future growth in programs or enrollment. For example, the three programs are intermixed throughout, which increases the risk of cross contamination of research projects. Furthermore, the meat processing rooms are located on the opposite end of the building from the receiving area.</p> <p>The source of cash funds is bonds to be repaid from institutional sources, including education and general tuition fees.</p> <p>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.</p>			

Project Name	LEED Certification	Amount	Fund Source
Avenir Gallery Addition 2013-021	Gold	\$10,000,000	CF
Two-Year Projection of Cash Need - Received Prior Approval			
<p>The project constructs a 16,000-GSF addition to the existing University Center for the Arts (UCA), including gallery, classroom, and office space. The Avenir Gallery will showcase design evolution and serve in large part as a teaching lab. The additional classroom and office space will accommodate proposed endowed chairs in the Design and Merchandising Department. According to CSU, the existing space in the UCA is inadequate for the long-term proliferation of the Design and Merchandising Program. Additionally, CSU says the articulated street presence of the addition will help promote revolving fashion shows, textile merchandising, and educational and outreach opportunities of the department.</p> <p>The source of cash funds is gifts and donations.</p>			
Biology Building 2010-022	Gold	\$60,000,000	CF
Two-Year Projection of Cash Need - Received Prior Approval			
<p>The project constructs a 100,000-GSF biology teaching and research building on the main campus to address a growing deficiency in available space for biology laboratories, support spaces, and new faculty. The university says there is an acute shortage of space for biology courses based on current and future faculty needs, and the new building will help maintain its record of teaching excellence, emphasize experiential learning, and increase the number of biology faculty by 10 or 15 FTE.</p> <p>The source of cash funds is bonds to be repaid by a student fee for capital improvements.</p> <p>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.</p>			
Corbett Hall Exterior Renovation 2012-081	N/A	\$4,500,000	CF
Two-Year Projection of Cash Need - Received Prior Approval			
<p>The project updates the exterior of Corbett Hall in order to modernize its appearance and install thermal insulation and new high-performance windows. Construction is projected to commence in summer 2012 and conclude in summer 2013. The project is expected to improve the curb appeal of campus housing and reduce campus energy consumption.</p> <p>The source of cash funds is revenues earned through Housing and Dining Services.</p>			
Engines and Energy Conversion Lab 2013-022	Gold	\$15,000,000	CF
Two-Year Projection of Cash Need - Received Prior Approval			
<p>The project constructs a four-story, 50,000- to 60,000-GSF addition to the existing 15,000-GSF Engines and Energy Conversion Lab. Research conducted in the building focuses on alternative energy sources and more efficient engines, and CSU says the programs have outgrown the space available in the current facility. The addition will house classrooms, labs, and offices for an Energy Innovation Center, which will work on novel energy solutions and entrepreneurial models to solve current energy issues.</p> <p>The source of cash funds is bonds to be repaid from donations.</p> <p>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.</p>			

Project Name	LEED Certification	Amount	Fund Source
Lory Student Center Revitalization 2013-020	Gold	\$65,000,000	CF
Two-Year Projection of Cash Need - Received Prior Approval			
The project will completely renovate the existing Lory Student Center and add space to the ballrooms, food court, and student diversity program.			
The source of cash funds is bonds to be repaid from a student fee approved in April 2011.			
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.			
Veterinary Teaching Hospital -- Food Animal Care Facility Construction 2007-022	Gold	\$12,000,000	CF
Two-Year Projection of Cash Need - Received Prior Approval			
The project constructs a 31,979-GSF food animal surgery and isolation building on the university's south campus, near the Veterinary Teaching Hospital. The project will demolish and replace the existing Food Animal Barn, but will not demolish the adjacent horse facilities. The site will be used to expand the equine area next to the veterinary hospital. The new space will provide programmatic space to support clinical and teaching activities, including: (1) bovine and calf isolation; (2) interior holding pens for the animals; (3) surgery/treatment areas; (4) ambulance bays/support area for six vehicles to make off-site visits to animal herds, farms, or ranches; and (5) office and support space. Electrical, mechanical, and circulation needs will use the remaining building space. The complex will include an additional 32,600 GSF of external feedlot space.			
The source of cash funds is donations.			

Total Projection of Cash Need	\$247,500,000
--------------------------------------	----------------------

Two-Year Projection of Cash Need -- December 5, 2011

Colorado State University — Pueblo

MOTION: Approve Colorado State University — Pueblo's Two-Year Projection of Cash Need.

Project Name	LEED Certification	Amount	Fund Source
Occhiato University Center Renovation	TBD	\$26,313,260	CF

2002-045

Two-Year Projection of Cash Need - Received Prior Approval

The project renovates 112,657 GSF and adds 22,969 GSF to the two-story Occhiato University Center, which houses the campus dining facilities and university bookstore. The project will improve the image of the facility in order to attract students, increase enrollment, and improve retention. The project will also address building system needs identified in a 2006 audit. The university indicates that the scope of the project may be amended at a future date.

The source of cash funds is bonds to be repaid from a dedicated student fee.

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.

Total Projection of Cash Need	\$26,313,260
--------------------------------------	---------------------

Two-Year Projection of Cash Need -- January 19, 2012

University of Colorado at Boulder

MOTION: Approve the University of Colorado at Boulder Two-Year Projection of Cash Need, contingent upon final approval by the Board of Regents in February 2012.

Project Name	LEED Certification	Amount	Fund Source
19th Street Trail Reconstruction 2013-030 Two-Year Projection of Cash Need - New	N/A	\$4,000,000	CF
<p>The project reconstructs the 19th Street trail, which connects the campus to 19th Street north of the student recreation center. The university says the existing trail has very steep slopes that are eroding and need stabilization. The trail will be the primary ADA access route between student housing north of Boulder Creek and the main campus.</p> <p>The university plans to fund 80 percent of the project using Transportation Improvement Program (TIP) funds from the U.S. Department of Transportation. The remaining 20 percent will be cash funds. The university has not yet determined the source of cash funds but says it will probably use campus reserves.</p>			
Auditorium - Admissions 2013-029 Two-Year Projection of Cash Need - New	Gold	\$6,000,000	CF
<p>The project constructs a 200- to 250-seat auditorium and additional academic space to serve the admissions office. The university says the Office of Admissions brings 28,000 visitors to campus each year and needs space to show visitors multi-media presentations prior to on-campus tours. The university says these presentations are a key element of student recruitment.</p> <p>The source of cash funds is donations and other campus fund sources yet to be determined.</p>			
Auditorium - Business/Academic 2013-028 Two-Year Projection of Cash Need - New	Gold	\$12,000,000	CF
<p>The project constructs a 12,000-GSF facility, possibly adjacent to the Koelbel Business Building, containing a 250-seat auditorium and additional academic space to primarily serve the Leeds School of Business.</p> <p>The source of cash funds is donations and other campus fund sources yet to be determined.</p>			
Baker Hall Renovation 2013-025 Two-Year Projection of Cash Need - New	Gold	\$41,400,000	CF
<p>The project renovates the 113,649-GSF Baker Hall to provide residential academic programs consistent with the university's strategic plan goals. The university says Baker Hall is centrally located on campus and houses about 500 students, primarily freshmen and sophomores, over four stories and a basement level. It was built in 1937 and according to the university has not been substantially renovated since that time. Baker Hall houses the Baker Residential Academic Program (RAP), which emphasizes natural sciences and the environment for students in the College of Arts and Sciences. The university says the majority of Baker residents participate in the Baker RAP.</p> <p>The source of cash funds is bonds to be repaid with Housing and Dining Services auxiliary revenue.</p>			

Project Name	LEED Certification	Amount	Fund Source
<i>Folsom Stadium Scoreboard Replacement</i> 2013-027	N/A	\$7,000,000	CF
Two-Year Projection of Cash Need - New			
<p>The project replaces both the north and south scoreboards in Folsom Stadium. According to the university, the current scoreboards are 13 years old, and the needed replacement parts are no longer available. If the scoreboards are not replaced, the university says they will only be marginally operational in 2012. A request for spending authority to replace only the north scoreboard appeared on the university's two-year projection of cash need list that was presented to the committee in December 2011; the project's scope has been revised to include both scoreboards.</p> <p>The source of cash funds is auxiliary funds from the Department of Intercollegiate Athletics. Money to the fund accrues primarily from advertising and television revenue.</p>			
<i>Multi-Tenant Office Building</i> 2013-026	Gold	\$16,125,000	CF
Two-Year Projection of Cash Need - New			
<p>The project constructs a 70,000-GSF office building on the university's East Campus to house multiple research tenants. The university says a 2009 review identified a 448,858-ASF deficit of research space on the campus, and it says the building will allow research faculty and federal research partners to collaborate within a common facility.</p> <p>The source of cash funds is the Research Building Revolving Fund. Moneys to this fund accrue, in part, from indirect cost recoveries from federal grants. The fund may be used to operate, maintain, plan, construct, and/or equip research buildings and facilities for the University of Colorado system (Section 23-20-124, C.R.S.).</p>			
<i>Stearns Hall Fan Coil Unit Upgrade and Replacement</i> 2013-045	N/A	\$5,900,000	CF
Two-Year Projection of Cash Need - New			
<p>The project replaces 800 fan coil units and associated infrastructure in the HVAC system at the Stearns Hall East and West dormitory towers, and connects the HVAC system to an existing building automation system for energy management. The university says the nearly 45-year-old fan coil units are well beyond their expected life cycle and run at only 50 percent efficiency, and it expects the project to result in cost savings through energy conservation.</p> <p>The source of cash funds is Department of Housing and Dining Services auxiliary funds.</p>			
<i>Utilities Services Annual Maintenance</i> 2013-046	N/A	\$3,000,000	CF
Two-Year Projection of Cash Need - New			
<p>The project performs annual maintenance and repair of distribution lines for electrical, steam, and chilled water services over four years. The university says deficiencies in the lines and structural issues in utility tunnels require regular work in order to provide reliable utility services. If the maintenance and repairs are not performed, the university says the main campus will risk electrical, steam, and chilled water interruptions.</p> <p>The source of cash funds is Utilities Services auxiliary revenue.</p>			
<i>Williams Towers Bathroom Renovation</i> 2013-047	N/A	\$3,311,000	CF
Two-Year Projection of Cash Need - New			
<p>The project replaces plumbing, flooring, and finishes in the bathrooms of the Williams Towers dormitory complex. The renovations include replacement of wall tile, lavatories, countertops, and solid-surface shower enclosures; hazardous materials abatement; and repainting. The university says that the bathrooms have not been updated since the towers were constructed in the late 1960s, and it expects the project to result in a 50 percent reduction in water usage in the buildings based on the installation of water-efficient plumbing fixtures. The university also says that the bathroom facilities will continue to be costly to maintain if they are not renovated.</p> <p>The source of cash funds is Department of Housing and Dining Services auxiliary funds.</p>			

Project Name	LEED Certification	Amount	Fund Source
<i>Atmospheric Chemistry Laboratory Renovation</i> 2012-085	N/A	\$3,000,000	CF
Two-Year Projection of Cash Need - Received Prior Approval			
<p>The project renovates laboratory space in the Cristol Chemistry Building to be used for atmospheric testing by researchers in various environmental sciences programs. The existing lab space will be vacated after the biochemistry program relocates to the Caruthers Biotechnology Building (System Biotechnology Building). According to the university, the labs will subsequently need to be reconfigured for different programmatic needs.</p> <p>The source of cash funds was not identified in the request documents. According to the university, the project may cost less than the \$2 million threshold requiring legislative review.</p>			
<i>Basketball and Volleyball Practice Facility</i> 2009-128	Gold	\$11,040,000	CF
Two-Year Projection of Cash Need - Received Prior Approval			
<p>The project constructs a 35,644-GSF practice facility for the men's and women's basketball teams and the women's volleyball team. The practice facility will be connected to the Coors Events Center, and the project includes a remodel of 2,963 GSF within the center. The project will allow the Department of Intercollegiate Athletics to serve all three sports programs in an equitable and appropriate manner in accordance with federal Title IX requirements; improve scheduling flexibility and event capabilities in the Coors Events Center, including academic uses such as exam scheduling; and create a practice and training environment that allows student-athletes to excel in the classroom and on the court.</p> <p>According to the original project request, the university says design and construction of the facility will be funded in full from gifts and bequests directed to the Department of Intercollegiate Athletics. The university says the project's financial plan includes short-term university borrowing to assist with cashflow associated with fundraising. The department's operating revenue will be the designated "backstop" to fundraising efforts. The university notes that, due to increased energy efficiency as a result of the project, the operating costs for the Coors Events Center and the new facility will be the same or less than current operating costs for the events center.</p>			
<i>Campus Utility System Improvements</i> 2012-086	N/A	\$91,100,000	CF
Two-Year Projection of Cash Need - Received Prior Approval			
<p>The project upgrades the main campus utility plant and replaces the chilled water production system. The existing facility was constructed around 1909, and much of the equipment housed in the facility is deteriorating, which increases the likelihood of system failure. The project also constructs a 73,350-GSF heating and cooling plant adjacent to the Coors Events Center. The new facility will expand campus utility services and provide redundancy for backup utility services.</p> <p>The source of cash funds is bonds to be repaid from revenue earned from campus utilities payments.</p>			
<i>Geosciences Building</i> 2009-124	Gold	\$100,000,000	CF
Two-Year Projection of Cash Need - Received Prior Approval			
<p>The project acquires and renovates a 289,000-GSF building on the university's research campus for research in areas such as renewable energy and atmospheric and oceanic sciences. The project also constructs an adjacent 80,708-GSF wet laboratory. The university says that as the need for sustainable solutions to environmental problems increases, so does the demand for educational offerings and research in this area.</p> <p>The source of cash funds is the Research Building Revolving Fund. Moneys to this fund accrue, in part, from indirect cost recoveries from federal grants. The fund may be used to operate, maintain, plan, construct, and/or equip research buildings and facilities for the University of Colorado system (Section 23-20-124, C.R.S.).</p>			

Project Name	LEED Certification	Amount	Fund Source
<i>Kittredge Central Residence Hall and Commons</i> 2012-083 Two-Year Projection of Cash Need - Received Prior Approval	Gold	\$37,250,000	CF
<p>The project constructs a 97,117-GSF residence hall and community center to provide faculty offices, classrooms, study rooms, and large multi-functional spaces for use by the Residential Academic Program. The new facility will replace the existing 40,586-GSF Kittredge Commons Building, which is vacant, and build an additional 264 beds.</p> <p>The source of cash funds is revenue from Housing and Dining Services, including a 0.5 percent increase in student room and board rates.</p>			
<i>Student Recreation Facility Improvements</i> 2012-084 Two-Year Projection of Cash Need - Received Prior Approval	Gold	\$63,500,000	CF
<p>The project renovates and expands the student recreation center to address an estimated \$25 million in deferred maintenance, and to meet student demand for additional recreational programs and space. The student recreation center was built in 1973 and expanded in 1990. The student population has increased significantly since the building's original construction and expansion. According to the university, the student participation rate in campus recreation and fitness programs is 10 percent higher than the national average, and the existing facilities are too small to accommodate the current usage.</p> <p>The source of cash funds is bonds to be repaid from a student fee. Students approved an increase in an existing fee for this purpose in Spring 2011.</p>			
Total Projection of Cash Need		\$404,626,000	

Two-Year Projection of Cash Need -- December 6, 2011

University of Colorado Denver

MOTION: Approve the University of Colorado Denver's Two-Year Projection of Cash Need.

Project Name	LEED Certification	Amount	Fund Source
Academic Building 1 2012-024 Two-Year Projection of Cash Need - New	Gold	\$68,220,944	CF
<p>The project constructs a 120,000-GSF academic building on the Auraria Higher Education Campus to house classrooms, faculty offices, and student services. The building will be located near other CU Denver facilities, and the project will also renovate 106,638 GSF of classrooms and offices in the surrounding buildings. The university says the project will address enrollment growth, which has put a strain on the ability of all three institutions on the Auraria campus to meet class scheduling needs.</p> <p>The source of cash funds is institutional reserves and bonds to be repaid from gifts, grants, donations, and, possibly, tuition revenue.</p>			
CUP Chiller Expansion 2013-031 Two-Year Projection of Cash Need - New	N/A	\$3,407,000	CF
<p>The project expands the chilled water capacity of the Central Utility Plant (CUP) facility on the Anschutz Medical Campus. The project includes the installation of a 2,200-ton chiller, cooling towers, and associated pumps. This equipment will be installed in the existing CUP facility. The university says that current demand for chilled water is being accelerated by the expansion of the University of Colorado Hospital and Children's Hospital Colorado, both of which use the CUP to meet their infrastructure needs.</p> <p>The source of cash funds is institutional reserves and bonds to be repaid through increased utility rates paid by the users. The university says that as the hospital space grows, a larger proportion of the CUP costs will be assessed to those users through utility fees.</p>			
Instructional Lab Wing 2013-016 Two-Year Projection of Cash Need - New	Gold	\$18,106,772	CF
<p>The project constructs a 37,600-GSF addition to the Science Building on the Auraria Higher Education Campus. The project expands laboratories for science and engineering programs, including wet labs, dry labs, shared core facilities, and faculty offices. The university says these additional facilities are needed for faculty research and continued grant funding.</p> <p>The source of cash funds is gifts and institutional reserves.</p>			
Colorado Translational Research Imaging Center 2011-060 Two-Year Projection of Cash Need - Received Prior Approval	Gold	\$20,072,266	CF
<p>The project builds a two-story, 30,000-GSF facility to house all animal and human research imaging equipment on the Anschutz Medical Campus in order to facilitate the seamless translation of basic science discoveries into clinical practice. The facility will be constructed adjacent to the Research 2 building and will also house a high-altitude research laboratory, radiochemistry laboratory, a large-bore imaging facility, and offices.</p> <p>The source of cash funds is gifts and institutional reserves.</p>			

Project Name	LEED Certification	Amount	Fund Source
Research 1 / Research 2 Renovation of Aquatics and Cage Wash 2011-061	N/A	\$10,348,990	CF
Two-Year Projection of Cash Need - Received Prior Approval			
The project makes renovations to the Research 1 and Research 2 buildings on the Anschutz Medical Campus to serve the needs of medical researchers. Renovations include converting some animal cage areas to an aquatic facility, replacing cage washers, adding an air handler, and providing additional security to the vivaria areas. The source of cash funds is gifts and institutional reserves.			
Research 2 Vivarium & Imaging, Behavioral, and ABSL3 Core Facilities 2011-062	N/A	\$10,286,639	CF
Two-Year Projection of Cash Need - Received Prior Approval			
The project constructs a tunnel between the vivaria in the Research 1 and Research 2 buildings and renovates vivarium space in the basement of the Research 2 building, including: equipping the new vivarium space, creating a behavioral suite, creating an additional animal biosafety level 3 (ABSL3) suite, and relocating an imaging suite. According to the university, the project will enhance research capabilities and the utilization of shared research core facilities. The source of cash funds is gifts and institutional reserves.			

Total Projection of Cash Need	\$130,442,611
--------------------------------------	----------------------

Two-Year Projection of Cash Need -- January 19, 2012

University of Colorado at Colorado Springs

MOTION: Approve the University of Colorado at Colorado Springs Two-Year Projection of Cash Need, contingent upon final approval by the Board of Regents in February 2012.

Project Name	LEED Certification	Amount	Fund Source
Recreation Center Addition and Family Development Center 2013-014 Two-Year Projection of Cash Need - New		\$13,000,000	CF
<p>The project constructs a 40,475-GSF addition to the Recreation Center and collocates the Family Development Center in the new, larger facility. The Recreation Center opened in 2006, and UCCS says there is tremendous demand for the facility, leading to long wait times for students during the fall and spring semesters. UCCS says the Family Development Center opened in the mid-1990s and demand for its early childhood and preschool programs has grown significantly. Opportunities for expansion of the center are limited in its existing location, since the university does not own the adjacent land.</p> <p>The source of cash funds is bonds to be repaid from user fees for the Recreation Center and Family Development Center.</p>			
Student Housing (Dormitories) 2008-065 Two-Year Projection of Cash Need - New	Gold	\$17,500,000	CF
<p>The project constructs a 54,000-GSF dormitory in order to expand the availability of on-campus student housing. The university explains that it is transitioning from a commuter campus to a residential campus.</p> <p>Approval history. The university increased the original request amount from \$12.6 million to \$15.0 million to address site constraints and additional materials costs in August 2011. This revision increases the total request amount from \$15.0 million to \$17.5 million due to soils issues and greater-than-anticipated drainage control concerns that impact building placement.</p> <p>The source of cash funds is bonds to be repaid from room fees.</p>			
Academic Health Services Center 2012-082 Two-Year Projection of Cash Need - Received Prior Approval	Gold	\$20,300,000	CF
<p>The project constructs a 56,367-GSF facility to be used in partnership with Peak Vista community health services. Peak Vista, a nonprofit primary-care provider that operates health clinics in and around Colorado Springs, is a key partner in the university's geriatric nursing and geriatric research programs. These programs will be located in the new facility along with a Peak Vista clinic. Additional space will be available for future joint programs with the Anschutz Medical Campus.</p> <p>The source of cash funds is primarily bonds. Peak Vista will repay the university for construction of its portion of the facility.</p>			
Structured Parking 2010-107 Two-Year Projection of Cash Need - Received Prior Approval	N/A	\$15,000,000	CF
<p>The project constructs an 845-space parking structure for commuter students. The university notes that while it is moving toward a more residential-based campus, it is still largely dependent on commuter students. The university also says that it is continuing to develop its East Campus, and that additional parking is needed in the area.</p> <p>The source of cash funds is bonds to be repaid from parking fees.</p>			

Total Projection of Cash Need	\$65,800,000
--------------------------------------	---------------------

Two-Year Projection of Cash Need -- December 6, 2011

University of Northern Colorado

MOTION: Approve the University of Northern Colorado's Two-Year Projection of Cash Need.

Project Name	LEED Certification	Amount	Fund Source
West Campus Generator System 2013-043	N/A	\$2,500,000	CF
Two-Year Projection of Cash Need - New			
<p>The project installs a series of diesel- or natural gas-fired generators in the "J" parking lot on the university's west campus. The university says these generators would allow them to participate in an Xcel Energy Interruptible Service Option Credit (ISOC) program. As part of this program, the generators would be used when Xcel Energy calls for a reduction in the university's electrical usage during times of peak demand, and the university would receive a monthly credit in return. The university says this is an opportunity for significant savings on its electrical bills. Additionally, the generator system would be able to power the entire west campus during unplanned power outages.</p> <p>The source of cash funds is either institutional reserves or a lease-purchase arrangement similar to an energy performance contract. In the latter case, credits from Xcel Energy would cover the cost of the lease/loan payments. The university is also considering funding this project through a private firm, in which case CDC approval for the project would not be required.</p>			

Butler Hancock Strength and Conditioning Addition 2009-119	TBD	\$3,500,000	CF
Two-Year Projection of Cash Need - Received Prior Approval			
<p>The project constructs a one-story addition to the south side of Butler Hancock Hall to house the Strength and Conditioning program for the Department of Intercollegiate Athletics. The addition will allow for a future expansion to a second story. According to the university, improved facilities for strength and conditioning is the number one priority of the Department of Intercollegiate Athletics. Only 5,000 square feet of temporary space is currently assigned to the program. The program serves about 450 student-athletes on campus. The university explains that the addition will be designed to the highest attainable level of LEED certification.</p> <p>The source of cash funds is a capital campaign sponsored by the university foundation.</p> <p>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.</p>			

<table style="width: 100%;"> <tr> <td style="text-align: right;">Total Projection of Cash Need</td> <td style="text-align: right;">\$6,000,000</td> </tr> </table>	Total Projection of Cash Need	\$6,000,000
Total Projection of Cash Need	\$6,000,000	