

University of Colorado Denver

MOTION: Approve the University of Colorado Denver's FY 2010-11 and FY 2011-12 Revised Two-Year Projection of Cash Need, with the addition of the Central Utility Plant Purchase and Expansion project (\$46,000,000 CF).

Project Name	LEED Certification	Amount	Fund Source
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Central Utility Plant Purchase and Expansion 2011-128 Revision to Approved Two-Year Projection of Cash Need	N/A	\$46,000,000	CF
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The project purchases and expands the Central Utility Plant on the Anschutz Medical Campus in order to refinance the debt in October 2010 at a lower rate and realize cost savings during the expansion of the facility. The university entered into a lease development and operating agreement with Sempra Energy Colorado in 2001 for the design and construction of the facility. The facility has been expanded twice since its construction to accommodate new growth on the campus. A third facility expansion will increase its steam generating capacity to support the planned bed tower expansion of The Children's Hospital and the University of Colorado Hospital in 2012.

The source of cash funds is user utility rates charged to occupants of the Anschutz Medical Campus, including the University of Colorado Denver, University of Colorado Hospital, The Children's Hospital, and the City of Aurora. This request will repay the outstanding bonds for the existing facility and finance a new expansion.

Behavioral and Brain Sciences Wing 2011-059 Two-Year Projection of Cash Need	Gold	\$14,776,706	FF
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The project constructs a four-story, 34,284-GSF addition to the new Science Building currently under construction at the Auraria Higher Education Center and renovates 3,316 GSF in the existing science building to promote basic research in behavioral neuroscience and behavioral medicine. According to the university, this facility will foster the translation of research into intervention and treatment by scientist-practitioners in the Clinical Health Psychology Program.

The source of federal funds is a grant from the National Institute of Health.

Colorado Translational Research Imaging Center 2011-060 Two-Year Projection of Cash Need	Gold	\$14,979,983	FF
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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 source of federal funds is a grant from the National Institute of Health.

Red Cross Building Renovation 2006-073 Two-Year Projection of Cash Need	Gold	\$2,949,560	CF
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The project renovates an historic, two-story, 8,019-GSF building on the Anschutz Medical Campus into office, administrative, and meeting space.

The source of cash funds is the pending receipt of donor gift funds.

Research 1 / Reseach 2 Behavioral Suite and Tunnel 2011-061 Two-Year Projection of Cash Need	Gold	\$9,999,465	FF
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The project makes renovations to the Research 1 facility on the Anschutz Medical Campus to serve the needs of medical researchers, including remodeling and expanding the cage wash area, remodeling the imaging suite for general animal housing, and providing additional security equipment in the vivaria areas.

The source of federal funds is a grant from the National Institute of Health.

Research 2 Vivarium Fitout and Caging	Gold	\$8,408,283	FF
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2011-062

Two-Year Projection of Cash Need

The project completes 6,873-GSF of shell space on one level of the Research 2 facility on the Anschutz Medical Campus in order to respond to increasing behavioral and pathogen research needs through the creation of a behavioral suite and an imaging suite.

The source of federal funds is a grant from the National Institute of Health.

Research Complex 1, Energy Conservation Improvements	N/A	\$4,375,923	CF
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2011-126

Two-Year Projection of Cash Need

The project makes renovations in the north and south tower of Research Complex 1 to decrease electric consumption and greenhouse gas emissions. The south tower renovations are expected to result in a 23 percent reduction in energy use and include the installation of a heat recovery loop, an evaporative cooling system, and a sterilizer condensate recovery system. The north tower houses the vivarium, a laboratory for keeping and raising animals for observation and research. Renovations in the north tower are expected to result in a 32 percent reduction in energy use in the vivarium area and include the installation of a heat recovery loop, an evaporative cooling system, and an air change reduction. According to the university, when the complex was constructed, some energy efficiency measures were deferred due to limited funding, and in subsequent years the utility costs and energy usage have remained notably higher than other research facilities.

The source of cash funds is qualified energy conservation bonds authorized by the Governor's Energy Office. The bonds will be repaid from cost savings resulting from increased energy efficiencies. According to the university, the estimated energy cost savings will exceed the bond payments and result in significant utility cost savings upon retirement of the bonds.

Total Projection of Cash Need	\$101,489,920
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