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January 27, 2011

Professor Hollie Swanson  
Chair, Senate Council  
University of Kentucky  
Campus

Dear Hollie:

The attached report of the Senate Academic Facilities Committee is forwarded to you for consideration by the Senate Council at its upcoming meeting. According to the timetable for review of Provost Area capital projects proposals, the input of this Committee should be provided to the Provost during the last half of January. We submit it to the Council for action (*i.e.*, conveyance to the Provost).

Yours truly,

John Rawls  
Professor & SAFC Chair

## REVIEW OF UNIVERSITY CAPITAL PROJECTS PROPOSALS

### SENATE ACADEMIC FACILITIES COMMITTEE

January 26, 2011

**FORWARD:** In November 2010, the SAFC was invited to provide input regarding capital projects that are being considered by the Provost area for inclusion in the University proposals through the Council on Postsecondary Education and, ultimately, the 2012 Kentucky legislative assembly. We recognize Provost Subbaswamy's initiative in inviting input from this Committee and we especially thank Assistant Provost Ritchie for making documents available to us and, especially, his prompt, patient and excellent responses to the stream of queries from this Committee, most members of which were novices in capital projects planning at the University. The Committee has limited its assessment to merit within academic instruction and research programs, recognizing that the merit of some projects might lie within the broader missions of the institution (*e.g.*, extramural land grant mission) and may be assessed differently by other levels of the University review process.

**PROCESS:** The preliminary capital projects list provided to this Committee consisted of 79 building construction/renovation projects (Appendix). Although not formally rank-ordered, we were advised that items at the top of that list included the projects most likely to ultimately become University priorities. The Committee met December 9 with Assistant Provost Wayne Ritchie to review preliminary lists of projects and to discuss the University's capital projects proposal system. Given that this is the inaugural venture of the SAFC into the capital projects proposal system and given the very short timeframe available to provide input in this process, the Committee elected to confine our consideration to projects 1 through 15 on the preliminary list and to limit our assessment to general, apparent academic merit as reflected in project proposals (*i.e.*, SYP forms; Appendix). In December, the Committee was provided copies of the individual project proposals, the most recent assessment of University buildings, and numerous responses from Mr. Ritchie to our requests for clarification of the projects and proposals under consideration. The Committee met January 6, 11 and 18 to discuss projects as well as the nature of input that should be provided by the Committee in this process. A final meeting was held January 26, 2011 to complete our work and the final Committee report was forwarded to the Senate Council for consideration at its regular meeting January 31.

**A. ASSESSMENTS OF INDIVIDUAL CAPITAL PROJECT PROPOSALS.** Individual project commentaries follow in order of the preliminary projects list of the office of the Provost dated November 16, 2010. The Committee has examined each proposal in the context of academic education and research programs of the University. Each project proposal is assigned overall high, medium or low academic merit, based upon the information available; however, we have not rank-ordered projects within those categories of merit.

1. Construct Science Research Building 2: High academic merit; difficult to fully assess academic program impact. The proposal describes enhancement of general research activities in the University by expansion of wet bench research space and provides examples of disciplines that might be accommodated in the new facility. There is no analysis of impact on graduate and undergraduate program enhancements/expansion. Because there exists obvious precedence in science research building 1 (BBRSB), description of the use and benefits of that building would be very helpful in assessing the objectives and use of the proposed new building.

2. Construct Gatton Building Complex: High academic merit; academic need and use are presented. B&E is a large academic program that is currently limited by space resources. This project would provide novel facilities that could benefit a wide range of programs in addition to academic programs of B&E (*e.g.*, conference facilities). Project benefits include release of very significant space (current B&E building) within the academic core of campus that could address the space needs of other University programs impacted by enrollment growth; addressing this need could further enhance the appeal of this project. Significant private donor support is a very positive aspect of this project.

3. Research Equipment Replacement Program: Medium academic merit; impact on academic programs is difficult to fully assess. This is a recurring program and its merit would be better represented by more concise descriptions of how past research equipment replacement programs have enhanced the effectiveness and competitiveness of University research programs; general descriptions of overall research program growth in the past are ineffective.

4. Renovate Old Pharmacy Building: High academic merit; academic need and use are presented. This project would provide research and teaching space to accommodate the large and rapidly expanding academic programs of Biology, Chemistry and Statistics. It derives from a re-use analysis of the building that was carried out alongside planning and construction of the new College of Pharmacy Building.

5. Renovate Robotics Building: Low academic merit; impact on academic programs is not apparent. This project would renovate space within the Center for Manufacturing Building to accommodate the relocation of Biomedical Engineering from its current facilities, in conjunction with administrative incorporation of BE into the College of Engineering. No arguments are presented that physical relocation of BE will enhance academic programs. That relocation would free up currently occupied space; but because of peculiarities of that space, there is no extant plan to use that space to address space resource needs elsewhere within the University.

6. Lease/Purchase Digital Village Building 3: Medium academic merit; impact on academic programs is difficult to fully assess. This would be the third of four facilities in a plan to enhance research and development in nanotechnology, particularly in commercial applications. Space will be vacated in Engineering by programs that relocate to the Digital Village complex; re-use of vacated space for other Engineering programs will require future renovation. The proposal would be enhanced by examples of benefits that have already accrued to the Digital Village model, by better explaining the impact of the project on graduate and undergraduate programs, and by projecting private/commercial support.

7. Upgrade-Renovate-Improve or Expand Research Labs: Medium academic merit; academic need is intuitive but not readily assessed from the proposal. This is a “catch-all” item to encompass numerous, ongoing renovation projects that are required to recruit new faculty in the laboratory sciences, to support expansion of existing programs, and to perform safety and related upgrades of existing laboratory spaces. These projects permit expansion and support competitiveness of research programs across campus. The chronic, variable and often unforeseeable nature of these renovations requires that the University projects list include this item.

8. Renovate King Library South-1962 Section-Phase 2: Medium academic merit; academic need is difficult to fully assess. This project would complete consolidation of the physical sciences and mathematics library into the King library building, permitting consolidation of holdings and increase staff efficiency at a single site. This phase of that consolidation would relocate the Engineering library. Given major shifts in the reliance and use of electronic resources by academic programs, the academic merits of this consolidation have diminished considerably over time. Space freed by this relocation would be used by Engineering.

9. Construct Equine Campus: High academic merit; academic need and rationales are presented. This facility at Spindletop Farm would provide education and research spaces in support of an undergraduate degree program in equine science and management. Private funding for this project further enhances its attractiveness.

10. Construct Library Depository Facility: Low academic merit; academic need is not well addressed. This project would construct an off-campus storage facility to conserve “lesser used” yet valuable holdings. The proposal provides no explanation of the academic program enhancements to be realized by the University through this project.

11. Renovate Space in McVey Hall: Medium academic merit; academic need and rationales are difficult to assess. This project would convert existing space into offices, classrooms and student services support space. Such space is in demand by a variety of programs at the University; however, the proposal does not describe such programs nor the process by which use will be administered.

12. Renovate Dentistry Space in Ky Clinic: Low academic merit; academic use of the renovated space is not addressed. This project would renovate outpatient clinic, office and support spaces in the Kentucky Clinic building. No description of academic research/instructional uses is provided.

13. Expand Pence Hall: High academic merit; academic need and rationales are presented. This project would create an addition to Pence Hall, almost doubling the space available to the College of Design and permitting consolidation of its departments into a single building. Currently, components of the College are dispersed among four buildings on campus, plus a downtown facility. The current facilities are among the oldest campus buildings (*e.g.*, Bowman Hall, Miller Hall, Pence Hall). Completion of this project would vacate space in those building (as well as Funkhouser Building), which could be used to support other chronic needs of other programs, although that re-use is not described in this proposal. The proposal could make more compelling arguments for academic enhancement through this project.

14. Renovate Reynolds Building: High academic merit; academic need and rationales are obvious. The Reynolds Building is a large, former tobacco warehouse shared by the Art Department, campus surplus, and maintenance materials. It is marginally adequate for those campus support purposes, but terribly substandard for an academic program (Art Studio is the largest unit within the College of Fine Arts). This project would upgrade electrical, ventilation, HVAC, restrooms, and some studio space, renovations that would mostly focus on the Art Studio portions of the building.

15. Expand KGS Well Sample and Core Repository: Low academic merit; academic use of this facility is not addressed. This project would expand the Kentucky Geological Survey well sample and core repository facility on Iron Works Pike. The proposal describes these collections as resources for a variety of researchers, industry and public; however, no specific reference is made regarding University academic programs. The proposal also does not address possible state agency support of this project, although such information could enhance the review of this proposal.

**B. RECOMMENDATIONS FOR THE CAPITAL PROJECTS PROPOSAL SYSTEM OF THE UNIVERSITY.** Mostly due to the brief time period available to this Committee, we were unable to thoroughly review individual programs. Our reviews also encountered significant heterogeneity in the information content of proposals and clear statements of academic goals of projects were frequently absent. Looking to future roles of this Committee in capital project planning/review, we offer several recommendations that will permit better review by SAFC as well as at other levels of the University. Improvements in the University review process should help the University better represent its capital projects needs to the Council for Postsecondary Education and the Kentucky General Assembly. We propose that recommendations a, b, and c be implemented by the unit(s) that generate each proposal, with guidance by the administration.

a. Proposals should clearly address the academic consequence(s) of the project. The Committee tried to assess the relative contributions of proposed projects to the academic missions of the University, with the conviction that academic merit should be a foremost criterion for allocation of limited University resources. Our experience is that the most compelling proposals are those that provide examples of specific academic programs that would be affected, nature and size of those programs in the context of the University, and the consequences of the project on those programs as well as tangential academic benefits (*e.g.*, vacated space becoming available to other

academic activities). Proposals that might have general or widespread consequences on academic programs should provide examples and, especially in the case of recurring projects or projects for which there is precedent, descriptions of the results of earlier projects should be provided.

b. Carryforward proposals should be updated by the initiating unit before biennial reconsideration. Because relatively few projects are successfully implemented in a biennial proposal cycle, it is understandable that most projects on the preliminary project list were conceived previously, in some cases many years earlier. Nonetheless, proper review demands that carryforward proposals be updated to reflect changes in project scope, rationales, status of affected programs and important shifts in goals. It is tempting to discount proposals with outdated descriptions and information.

c. Proposal content should be edited to ensure proper grammar, syntax, and expression. We encountered numerous errors in spelling, grammar and term usage in project proposals that are difficult to overlook. In some cases, figures cited in one portion of proposals conflict with figures cited elsewhere. Certainly, conveying such documents to other agencies (*i.e.*, CPE, legislature) would reflect poorly on the University.

d. Review of capital projects proposals should be an ongoing function of the Senate Academic Facilities Committee. The biennial University proposals list contains numerous projects, some of which are very complex and have significant potential impact on academic programs. Meaningful review of projects requires more detailed and lengthy consideration than was available in the past two months. Improved review by the SAFC in the future will require more time and effort. Because the biennial list is not generated *de novo* (most items are long-standing proposals that are carryforward), the SAFC should have an ongoing agenda of review/discussions of prominent, individual projects so that it can provide input on an ongoing basis and make more substantive recommendations during the biennial review cycle.

Appendices: Preliminary Draft, 2012-2018 Capital Projects List (Provost Area)

Individual Capital Projects SYP-P2 forms (projects #1-15)

2010-2016 CAPITAL PLAN  
 PROPOSED CAPITAL PROJECT  
 FORM SYP-P2  
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**Branch:** Executive Branch  
**Cabinet/Function:** Cabinet for Postsecondary Education  
**Agency/Institution:** University of Kentucky-University System

**Project Title** Construct Science Research Building 2  
**Category** Construction - Other  
**Biennium** 2010-2012  
**Priority** **Agency** 1 **Cabinet** **Agency Bond**  
**Location (county)** Fayette  
**Location (ADD)** Bluegrass ADD  
**Appropriation Unit** 455U

**Additional Funding?** No

**Brief Description/Justification:**

This 255,000 gross square feet science research facility will provide state-of-the-art research space for health sciences, chemistry, physics, earth sciences, psychology, bio-medical engineering, nutrition, and nanotechnology. This facility is essential to sustaining the University's projected growth in research productivity necessary to achieve the legislative mandate that it become a Top 20 public research university by 2020. Competitive research space is critical to the University's ability to recruit and retain world-class faculty, Bucks for Brains chairs, and professorships.

**PROJECT BUDGET**

<u>Fund Sources</u>	<u>Amount</u>	<u>Cost Elements</u>	<u>Amount</u>
General Fund	205,880,000	Land Acquisition	
Restricted Funds		Site Survey/Prep	469,000
Federal Funds		Project Design	14,895,000
Road Fund		Construction Cost	163,349,000
Agency Bonds		Mov. Equip/Furn.	10,294,000
Other(Private - Cash)		Contingency	16,873,000
Other(LT Financing)		Other(specify)	
Other(Local Bonds)			
<b>Total</b>	<b>205,880,000</b>	<b>Total</b>	<b>205,880,000</b>

**Explanation of Project Budget**

UK Capital Project Management Division estimated the project scope based upon Turner Construction Company's 2008 conceptual estimate brought forward in time using the average of four historical inflation cost indexes to current dollars, then escalated forward in time based upon the current construction inflation rate to the estimated mid-point of construction.

**IMPACT ON OPERATING BUDGET?** Yes

<u>Fund Sources</u>	<u>Amount</u>
General Fund	2,558,000
<b>Total</b>	<b>2,558,000</b>

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**Explanation of Impact on Operating Budget**

Personnel: \$ 962,000  
Operatings: \$1,323,000  
Non-recurring: \$ 273,000

**PROJECT DETAIL**

Installation(Name and ID) Provost - 80000  
Facility(Name and Stars #)  
Method of Procurement Purchase  
Fuel Type Other  
Gas for steam, electric for cooling  
Type of Space Educational and General  
Completion Date 09/2012

Existing Facility? No

Program Re-location? No

Phased Project? No

Eliminate the need for other proposed projects? No

Need eliminated by other proposed project(s)? No

**Additional Description/Justification**

**DESCRIPTION:**

This project will construct a new 255,000 gross square feet (105,000 net square feet) science research facility. The facility will provide state-of-the-art multidisciplinary research space for colleges and departments such as the health sciences, chemistry, physics, earth sciences, psychology, bio-med engineering, nutrition, and nanotechnology. The program emphasis will be the life sciences which, as recognized by the Governor's Life Sciences Strategic Plan, has a "staggering" potential for economic development in Kentucky. Particularly, "Medical Services", "Health Technology Services", and "Niche Biotechnology" have been recognized as areas of great promise for Kentucky. The building will contain wet labs, lab support, computational dry labs, offices, and office support spaces. The building will also contain a vivarium facility.

The proposed facility will be located in the Virginia Avenue Precinct of campus. An upcoming review of the Campus Physical Development Plan will select the best appropriate site.

**SPACE PROGRAM:**

Research Labs: 72,000 nsf  
Offices: 14,000 nsf  
Special Use: 15,000 nsf  
General Use: 3,000 nsf  
Support: 1,000 nsf  
Total Net Square Feet: 105,000 nsf

**JUSTIFICATION:**

At its December 2005 meeting, the University of Kentucky Board of Trustees



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adopted a Top 20 Business Plan. The Plan provides the long-term strategies the University will pursue to achieve the state-mandated goal that it become a Top 20 public research university by 2020.

Among other things, the Plan establishes targets for substantial growth in the University's research productivity. The Plan calls for UK to increase its research expenditures from \$307 million to \$768 million by 2020 - an increase of over 150%. Much of this growth will be generated through research grants earned by University faculty from federal entities such as the National Science Foundation and the National Institutes of Health. An increased and improved research infrastructure is critical to the recruitment and retention of faculty with productive research agendas, including Bucks for Brains chairs and professors. Thanks to Bucks for Brains, the University has created 82 endowed chairs and 182 professorships. But approximately 100 of these positions have yet to be filled, in most cases because of a lack of quality research space. According to the Council on Postsecondary Education, the University's deficit of research space already exceeds 400,000 assignable square feet. And that figure does not include the projected growth in research productivity the University must undertake in order to become a Top 20 research university. In particular, the University is experiencing a shortage of wet research laboratories. All wet research and research support space on campus is assigned and in use.

The University's targets for research productivity are important to the pursuit of Top 20 status and for Kentucky's health and economic security. More researchers translate into more research dollars and increased efforts to fight disease, improve products and services, and create businesses and jobs. For example, the University already is performing over \$100 million in health-related research and plans to expand that effort substantially over the next 10 plus years. Increased space is critical to this ambition.

**Previous CAPITAL PLANS?** Yes

2008-2014 Construct Science Research Building 2

**Differences between the current and most recent previous project?** No

**Previous BUDGET REQUESTS?** Yes

2008-2010 Construct Science Research Building #2 - Design

**Differences between the current and most recent previous project?** No

**Previous BUDGET AUTHORIZATIONS?** Yes

2008-2010 Construct Science Research Building #2 - Design

**Most recent authorization undertaken?** No

No funds available

**Differences between the current and most recent previous project?** No

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**Branch:** Executive Branch  
**Cabinet/Function:** Cabinet for Postsecondary Education  
**Agency/Institution:** University of Kentucky-University System

**Project Title** Construct Gatton Building Complex  
**Category** Construction - Other  
**Biennium** 2010-2012  
**Priority** Agency 2 Cabinet Agency Bond  
**Location (county)** Fayette  
**Location (ADD)** Bluegrass ADD  
**Appropriation Unit** 455U

**Additional Funding?** No

**Brief Description/Justification:**

This 214,000 gross square foot facility is designed to support the University of Kentucky's effort to increase undergraduate and graduate enrollment and meet the growing demand for high quality, globally-competitive business education. The new structure also will facilitate the Commonwealth's quest for global competitiveness by providing necessary skills to aspiring entrepreneurs who want to bring new products and services to market. In addition, the new structure will strengthen the provision of professional and continuing education outreach that ensure that Kentucky's business leaders stay current on emerging business issues and innovative management concepts.

**PROJECT BUDGET**

<u>Fund Sources</u>	<u>Amount</u>	<u>Cost Elements</u>	<u>Amount</u>
General Fund	117,460,000	Land Acquisition	
Restricted Funds		Site Survey/Prep	331,000
Federal Funds		Project Design	7,657,000
Road Fund		Construction Cost	115,966,000
Agency Bonds		Mov. Equip/Furn.	7,123,000
Other(Private - Cash)	25,000,000	Contingency	11,383,000
Other(LT Financing)		Other(specify)	
Other(Local Bonds)			
<b>Total</b>	<b>142,460,000</b>	<b>Total</b>	<b>142,460,000</b>

**Explanation of Project Budget**

UK Capital Project Management Division estimated the project scope based upon Vermeulens Cost consultants 2008 estimate brought forward in time using the average of four historical inflation cost indexes to current dollars, then escalated forward in time based upon the current construction inflation rate to the estimated mid-point of construction.

**IMPACT ON OPERATING BUDGET? Yes**

<u>Fund Sources</u>	<u>Amount</u>
General Fund	2,062,000
<b>Total</b>	<b>2,062,000</b>

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**Explanation of Impact on Operating Budget**

Personnel = \$822,000  
Operating = \$1,006,000  
Non-recurring = \$234,000

**PROJECT DETAIL**

Installation (Name and ID)	Provost - 80000
Facility (Name and Stars #)	
Method of Procurement	Purchase
Fuel Type	Coal
Type of Space	Educational and General
Completion Date	08/2013

**Existing Facility? Yes**

The new facilities will replace the existing Gatton College. This existing building has 120,755 square footage, which was completed in 1965. An addition was completed in 1991. It is currently used for educational and administration purposes. It is in good condition

**Program Re-location? Yes**

Entire programs and occupants will vacate the existing building and relocate to the new facility. The vacated building will be reassigned to other university programs that 1) need space for expanding programs, 2) need to vacate other university buildings to allow other university programs to expand, or 3) are currently housed in leased space off-campus (the University currently leases 270,000 square feet of space in Lexington at an annual cost of \$2,600,000 because of lack of space on campus).

In addition to capital project requests, the Provost Office continually receives space requests that require resource management solutions. Many colleges, departments, and research programs need expanded space to sustain growth. For example, the new College of Public Health has inadequate space to accommodate its consolidation and growth.

The vacated building will be used for classrooms, faculty offices, administrative offices, support space, and computational research. Some renovation work will be required to meet the needs of the reassigned uses and occupants. Funds to renovate the vacated building are not included in this project.

**Phased Project? No**

**Eliminate the need for other proposed projects? No**

**Need eliminated by other proposed project(s)? No**

**Additional Description/Justification**

The proposed Gatton College Complex will include a state of the art Classroom Building which will enable the Gatton College to provide the type of "world ready" business education demanded by today's students and business leaders. The Classroom Building will include tiered and flat smart classrooms furnished with computer/ video and projection systems as well as

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smaller break-out rooms that will permit high impact peer-to-peer learning. This Complex also will house the business research and study library as well as the Undergraduate and Graduate Advising Centers. The Complex will contain signature spaces including a large auditorium; trading floor; and innovative laboratories to support action learning, creative problem-solving, and leadership development. The building also will house the Von Allmen Center for Entrepreneurship and E-Commerce Laboratory. The Faculty/Administration Building will consist of office space for faculty, staff, and graduate assistants. The Outreach Building will host nationally competitive professional and life-long learning experiences, and house the College's economic development related service centers including the Center for Business and Economic Research, Kentucky Small Business Development Center, and the Center for a Sustainable Aluminum Industry. The new structures will permit the University to re-assign the current College space on central campus to other priority programs. Many colleges, programs, and research functions are in need of additional space to accommodate substantial increases in enrollment experienced since 1997 and planned by 2020.

The proposed site is located off Martin Luther King Blvd. and Euclid Avenue, moving UK's Business and Economics efforts closer to downtown Lexington and the business community. The University owns this land that is currently used as a parking area. Locating the new Gatton College campus on this site is consistent with the University's Physical Development Master Plan. Pre-planning, programming, and siting of the new Complex were done with the assistance of two consulting architectural firms at two points in time with different areas of focus.

SPACE PROGRAM:

Classroom Space: 71,500 nsf  
Class Lab: 2,000 nsf  
Office: 3,600 nsf  
Service: 19,000 nsf  
Total: 128,500 nsf  
Total Building: 214,010 gsf  
Total Parking: 17,500 gsf  
Total: 231,510 gsf

PLANNING/STUDY:

Two feasibility studies have been completed related to this project. The first study by Ayers Saint Gross Architects assessed the existing square footage plus an allowance for some growth and then looked at four possible sites on the University of Kentucky campus. The second study by Kohn Pedersen Fox Architects analyzed the current space, benchmarked it against peer business schools, and developed schematic floor plans and elevations.

JUSTIFICATION:

At its December 2005 meeting, the University of Kentucky Board of Trustees approved the Top 20 Business Plan. The Plan provides the long-term strategies the University will pursue to achieve the state-mandated goal that it become a Top 20 public research university by 2020. Among other things, the Business Plan calls for substantial enrollment increases and for the University to increase substantially its outreach activities to Lexington, central Kentucky, around the state, across the country, and around the globe. By 2020, UK intends to increase its undergraduate enrollment to over 33,000 and its faculty to over 2,500. Additional classroom space is needed to accommodate enrollment growth, both to serve the general studies needs of

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all students and the upper-division needs of college majors. A recent survey of classrooms indicates a shortage of both small (less than 25 seats) and large (more than 150 seats) classrooms and lecture halls needed for a consistently expanding freshmen classes. The Council on Postsecondary Education projects that UK will become deficient in seven (7) categories of space.

Over the past several years, increased enrollments and space constraints have forced the Gatton College of Business to make selective admissions decisions that have limited substantially the number of academically qualified students who can major in the College. UK's projected enrollment growth in the future will further limit Kentuckians' ability to enroll in the Gatton College unless more space is constructed.

The construction of a new facility for the Gatton College also frees up 120,000 square feet of space in the central core of campus. Many colleges, departments, and research programs need expanded space to meet the needs of rapidly growing enrollment. The vacated building will be used for classrooms, faculty offices, administrative offices, and support space. In addition to serving more students, UK must expand Gatton College's capacity to provide "world ready" educational experiences for the growing number of qualified, motivated Kentucky students who want a nationally competitive business education. The current facility and the technology that supports it were designed to accommodate lecture-based courses where faculty members present material to students in large or medium sized rooms. The demands of today's business classroom are different. Students should routinely learn in peer-to-peer formats that require small break out rooms to facilitate group interaction. Students also should be participating in both simulated and real action learning projects that require highly specialized technology and flat floor spaces that can be reconfigured to meet varying needs.

Two current initiatives exemplify the College's innovative approach and demonstrate the need for expanded, state-of-the-art facilities so these approaches can have maximum impact. First, the College recently launched "Project Destiny"; a program designed to provide a transformative learning environment for undergraduate students. The program empowers students to take more control over their professional careers, expands their horizons by offering highly accessible international experiences, and invites them to take a more active role in the life of the College through a number of innovative activities and events.

Second, the Master of Business Administration is now an immersive 11 month program. This innovative MBA program teaches business processes in a hands-on, multi-functional format that makes students world ready. The program also teams students with Gatton graduates who hold high level jobs in major corporations.

Innovative approaches to teaching in state-of-the-art facilities is attractive to potential students. And Kentucky's economic future depends on the College's ability to attract and retain the Commonwealth's most gifted students and a world-class faculty by providing the same advanced business educational and research facilities routinely provided by nationally recognized business schools.

Business recruiters pay attention to the level of sophistication of the facility where potential employees have developed their skills. UK's facilities are substandard compared to nationally-recognized public university business schools at institutions such as the University of Indiana, Ohio State University, and the University of Tennessee. The state's most academically accomplished high school students therefore have attractive educational opportunities just outside Kentucky's borders. Once

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these students go out of state to get their education, they are less likely to come back to Kentucky to begin their professional careers.

The University's emphasis on increasing engagement coincides with the University's Business Plan and Strategic Plan, which place substantial emphasis on outreach activities aimed at improving the lives of Kentuckians and strengthening the state's businesses and communities. The Gatton College has established a strong record of engagement across Kentucky and has built an aggressive agenda for more outreach in the years to come. Economic success in the knowledge economy will be affected by: 1) the degree to which universities translate their research agendas and expertise into solving the problems of existing enterprises; 2) the ability of researchers and teachers to turn ideas into better business practices and new products; and 3) the capacity universities have for helping aspiring entrepreneurs discover and deliver new products and services to market. All these efforts create businesses and jobs. Nearly three-quarters of economic growth in the U.S. is driven by technological advance and nearly all of those advances are the result of university-based research and entrepreneurship.

The College's history of accomplishment demonstrates it has been an important catalyst for economic development in the Commonwealth. The College is a demonstrated source of innovation and thought leadership and provides the intellectual capital on which Kentucky's economy is based. The 28,000 alumni of the College create wealth and transfer to practice the knowledge created by the faculty. Eighty-five percent of UK's Business and Economics students are from Kentucky and 77% of them stay in Kentucky after graduation.

UK partners with industry to create new businesses and spur economic growth. In one year alone, the Von Allmen Center for Entrepreneurship helped 34 technology start-ups secure over \$17 million in funding. The Small Business Development Center counseled over 3,022 clients that had total sales in excess of \$120 million. The Center for Economic and Business Research routinely provides both state government and private enterprise with economic forecasts and analysis that serve as the basis for decisions that impact job growth and business expansion. A good example of the Gatton College's impact was its instrumental involvement in helping the University secure funding from the Sloan Foundation for a new research center to promote a sustainable aluminum industry. The aluminum industry is Kentucky's fifth largest employer and the Gatton College serves as the Center's academic home.

The College's outreach efforts are substantial, but limited by the capacity of the current facility. The proposed facility will be closer to the downtown Lexington business community and house expanded space for outreach. This will allow UK to build an even stronger partnership with local and regional businesses. The new facility also will provide greater resources for statewide initiatives. For example, the new facility will help Kentucky business leaders meet the professional and lifelong learning standards required of business and corporate personnel competing in the ever-changing global market place. UK does not have space to provide executive training. The lack of such professional and nationally-competitive facilities also acts as a deterrent for mobile knowledge economy industries that seek to locate in areas where professional development opportunities are readily available for employees. With the help of the Research Challenge Trust Fund ("Bucks for Brains"), UK has dramatically increased the intellectual capital of the Gatton College faculty. Over the last several years the College has raised gifts and pledges that, combined with state matching funds, have meant more than \$59

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million dollars for the College. This money has been used to create 11 endowed chairs and 32 endowed professorships that have attracted high caliber faculty members to the College. It is increasingly difficult to recruit world-class teachers and researchers to these positions due to lack of competitive research and office space.

Endorsement for a new facility is indicated by the support it is receiving from the business community. As of February 2009, UK has raised over \$20 million towards a \$25 million private support goal to build this new facility.

**Previous CAPITAL PLANS? Yes**

2008-2014	Construct Gatton Building Complex
2006-2012	Construct Gatton Building Complex - Phase I
2004-2010	Construct Gatton Building Complex
2002-2008	Construct Gatton Building Complex

**Differences between the current and most recent previous project? No**

**Previous BUDGET REQUESTS? Yes**

2008-2010	Construct Gatton Building Complex-Design
2006-2008	Construct Gatton Building Complex - Phase I
2004-2006	Construct Gatton Building Complex-Design

**Differences between the current and most recent previous project? No**

**Previous BUDGET AUTHORIZATIONS? Yes**

2008-2010	Construct Gatton Building Complex-Design
2006-2008	Construct Gatton Building Complex - Phase I
2004-2006	Construct Gatton Building Complex-Design

**Most recent authorization undertaken? No**

Funds not available.

**Differences between the current and most recent previous project? Yes**

Programming and feasibility study performed by an outside consultant.

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**Branch:** Executive Branch  
**Cabinet/Function:** Cabinet for Postsecondary Education  
**Agency/Institution:** University of Kentucky-University System

**Project Title** Research Equipment Replacement Program  
**Category** Equipment  
**Biennium** 2010-2012  
**Priority** **Agency** 3 **Cabinet** **Agency Bond**  
**Location (county)** Fayette  
**Location (ADD)** Bluegrass ADD  
**Appropriation Unit** 455U

**Additional Funding?** No

**Brief Description/Justification:**

This proposed program will create a pool of funds to be used to purchase new research equipment. It is essential that the University of Kentucky be able to periodically replace existing equipment or to acquire new equipment as part of the infrastructure needed to recruit and retain world-class faculty with aggressive research agendas in the areas of health, energy, science, and economic development.

**PROJECT BUDGET**

<u>Fund Sources</u>	<u>Amount</u>
General Fund	30,000,000
Restricted Funds	
Federal Funds	
Road Fund	
Agency Bonds	
Other(Private - Cash)	
Other(LT Financing)	
<b>Total</b>	<b>30,000,000</b>

**Explanation of Project Budget**

In-house estimate based on expertise of VP-Research executives.

**IMPACT ON OPERATING BUDGET?** No

**PROJECT DETAIL**

**Method of Procurement** Purchase  
**Program Purpose** Research  
**Completion Date** 06/2012

**Existing Equipment?** No

**Additional Description/Justification**

Since a bond issue for equipment in 1998-2000, the dollar value of grants and contracts to support research received from federal, state, local, and industrial sources has shown significant increases. In FY 1997, the University generated \$124.8 million in research expenditures. In FY 2006, it



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was \$306.7 million - a 146% increase over 10 years. A major portion of this research growth is directly attributable to the upgrades and acquisitions of equipment which occurred as a result of the prior bond issue.

Among other things, the University of Kentucky's Top 20 Business Plan establishes targets for substantial growth in the University's research productivity. The Plan calls for UK to increase its research expenditures from \$307 million to \$768 million by 2020 - an increase of over 150%. Much of this growth will be generated through research grants earned by University faculty from federal entities such as the National Science Foundation and the National Institutes of Health. An increased and improved research infrastructure is critical to achieving this goal.

State-of-the-art equipment is critical to the recruitment and retention of world-class faculty, including Bucks for Brains chairs and professors. A major component of the decision researchers make about where to locate is the availability of cutting edge research equipment for pursuing aggressive research agendas. The proposed equipment pool will give current and potential University faculty the opportunity to leverage research and development funds from federal, state, and local government and private sector sources. Equipment for multi-use core facilities will receive special emphasis, since most funding agencies expect universities to provide such equipment as part of the institutional support for research.

The education of undergraduate and graduate students will be greatly enhanced by the availability of this equipment. Multi-use core facilities give many researchers (faculty, graduate students, undergraduates, postdoctoral fellows, technicians) access to the highly specialized state-of-the-art equipment needed in many of the research areas that the University has targeted for increased emphasis in its 2006-09 Strategic Plan.

**Previous CAPITAL PLANS?** Yes  
2008-2014 Research Equipment Replacement Program

**Differences between the current and most recent previous project?** No

**Previous BUDGET REQUESTS?** No

**Previous BUDGET AUTHORIZATIONS?** No

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**Branch:** Executive Branch  
**Cabinet/Function:** Cabinet for Postsecondary Education  
**Agency/Institution:** University of Kentucky-University System

**Project Title** Renovate Old Pharmacy Building for Biology  
**Category** Construction - Protect Investment in Plant  
**Biennium** 2010-2012  
**Location (county)** Fayette  
**Location (ADD)** Bluegrass ADD  
**Appropriation Unit** 455U

**Additional Funding?** No

**Brief Description/Justification:**

This project will renovate the Old Pharmacy Building for the Department of Biology and other growing university departments. The work will include upgrades to the lighting, electrical, HVAC, mechanical, plumbing, fire and communication systems. Spaces will be reconfigured and finishes replaced as needed. The fume hood system is adequate and will be upgraded to meet current research lab standards and building codes. The new Pharmacy Building is under construction and scheduled for completion in 2010. The College of Pharmacy will vacate the current facility making way for the planned occupancy by the Department of Biology and others. Due to increased enrollment and growing research, the department of Biology has outgrown its current building. Increased Biology enrollment is attributable to the University's overall enrollment increases, increased student interest in the life sciences, and the fact that biology is a pre-requisite for other areas of study.

**PROJECT BUDGET**

<u>Fund Sources</u>	<u>Amount</u>	<u>Cost Elements</u>	<u>Amount</u>
General Fund		Land Acquisition	
Restricted Funds	40,165,000	Site Survey/Prep	
Federal Funds		Project Design	4,075,000
Road Fund		Construction Cost	29,284,000
Agency Bonds		Mov. Equip/Furn.	2,008,000
Other(Private - Cash)		Contingency	4,798,000
Other(LT Financing)		Other(specify)	
Other(Local Bonds)			
Total	40,165,000	Total	40,165,000

**Explanation of Project Budget**

UK Capital Project Management Division estimated the project scope based upon Vermeulens Cost Consultants 2006 programmatic estimate brought forward in time using the average of four historical inflation cost indexes to current dollars, then escalated forward in time based upon the current construction inflation rate to the estimated mid-point of construction.

**IMPACT ON OPERATING BUDGET? Yes**

Fund Sources Amount

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General Fund	192,000
Total	192,000

**Explanation of Impact on Operating Budget**

Personnel: \$26,000  
Operating \$129,000  
Non-recurring: \$37,000

**PROJECT DETAIL**

Installation(Name and ID)	Provost - 80000
Facility(Name and Stars #)	Pharmacy Building - 30180225
Method of Procurement	Purchase
Fuel Type	Other
	Coal for heating and electric for cooling
Type of Space	Educational and General
Completion Date	06/2012

**Existing Facility? Yes**

This project will renovate the Pharmacy Building. The building was constructed in 1985 and is approximately 93,000 gross square feet. The facility houses the College of Pharmacy and includes classrooms, classlabs, research labs, offices, study space, vivarium, and building support space.

The state wide higher education Facilities Condition Assessment by VFA in 2006 classified this building as in "Poor" condition. While this facility has been well maintained, age is taking it's toll on individual components within systems in the buildings as they physically wear out. In a large number of cases the components are no longer manufactured or the manufacturer has gone out of business. In some cases only 2nd party factory rebuilt parts are available via special order thereby increasing maintenance costs.

**Program Re-location? Yes**

Upon completion of this proposed project, the facility will be reassigned. This project does not include work in the vacated spaces.

**Phased Project? No**

**Eliminate the need for other proposed projects? No**

**Need eliminated by other proposed project(s)? No**

**Additional Description/Justification**

**DESCRIPTION:**

This proposed project will renovate the old Pharmacy Building. The existing fume hood system will be upgraded to contemporary lab standards. The College of Pharmacy will vacate the building upon completion of their new facility in 2010.

The current facility is approximately 93,000 gross square feet. This project will focus on renovating the wet bench research labs and the class labs. Other space types will require lesser renovation.

SPACE PROGRAM:

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Classrooms: 7,000 nsf  
Class labs: 2,000 nsf  
Research labs: 22,000 nsf  
Offices: 5,500 nsf  
Special Use: 11,500 nsf  
Support: 1,500 nsf  
Total: 49,500 nsf

**STUDY/PLANNING:**

In 2006, a Re-Use Study was completed to determine the best scenario for the Department of Biology's use of the facility. The University and Department of Biology adopted the plan which renovates the top three floors into wet bench research and research support, the second floor into classrooms, offices, and student support, and the first floor and basement into animal housing. The Re-Use study also examined the building systems to determine suitability and needs.

**JUSTIFICATION:**

The University continues to move towards becoming a Top 20 public research university as mandated by the Kentucky General Assembly. The University's Top 20 Business Plan calls for continued increases in enrollment and research as both are critical in meeting the Top 20 goal and to improving the lives of Kentuckians. Research space and class lab resources will soon be at an all-time critical level limiting growth and recruiting of the best and brightest researchers and faculty. Without additional facilities and upgrades to existing space the University's goals can not be achieved. The Council on Postsecondary Education has recognized that UK has a significant research space deficit.

Due to increases in enrollment and research, the department of Biology has outgrown its current facility. As outlined in the University's Business Plan, additional necessary planned increases in enrollment and research will increase the department's need for more space. As more and more students focus on health professions and the life sciences, the need for basic level biology classes increases. Additional faculty are needed to teach and additional faculty require additional research space. Overall increases in research place an additional burden on research space.

These new faculty and researchers will generate additional external research funds to fight disease, improve health, and create new products and jobs. As external funded research at the University continues to grow, the positive impact on the State's economic development will continue to grow as well. The impact on the state and local economy will be increased jobs, increased personal income, increased company profits, increased revenues.

**Previous CAPITAL PLANS?** Yes  
2008-2014 Renovate Old Pharmacy Building for Biology

**Differences between the current and most recent previous project?** No

**Previous BUDGET REQUESTS?** No

**Previous BUDGET AUTHORIZATIONS?** No

# Provost Area-Proposed Project Information Form

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## General Information

College/Area: Engineering Date: 8/21/08

Proposed Project Title:

Renovate 5<sup>th</sup> floor of the Robotics Building

College or Area Contact: \_\_\_\_\_ Phone # \_\_\_\_\_

Description of Project:

Install hoods and wet chemical lab infrastructure in 5<sup>th</sup> floor laboratories in the Center for Manufacturing Building (Robotics).

Justification of Project:

Relocate the Center for Biomedical Engineering within the College of Engineering space.

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## Space Program

What is the proposed size of the project? (Gross Square Feet) 4,000

Do you have a space program for the project? Yes  No  Please attach if yes.

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## Budget

Proposed Budget/Total Scope: (include construction, design, Communications, and all soft costs) \$ 2,000,000

Does the budget drive the program? Yes  No   
Or does the program drive the budget? Yes  No

Do you have a formal cost estimate? Yes  No

Who provided the formal cost estimate? \_\_\_\_\_

When was the formal cost estimate completed? \_\_\_\_\_

What is the proposed fund source for the project? (State Funds, University General Funds, Federal Funds, Agency Bonds, Private/Gift) State Funds

Are there any special space functions? (two story spaces, clean rooms, vivarium, etc.)

List any special equipment or major equipment and equipment cost:

Installation of new hoods and vent systems.

List any special requirements of the project that may affect the cost:

Costs associated with moving Biomedical Engineering.

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### Schedule

What is the proposed completion date of the project? June 30, 2010

Describe any special issues with the proposed schedule:

Contingent of approval of center and college. Administration relocation.

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### Comment

Space Program- Develop 8 wet chemical labs with hoods.

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**Branch:** Executive Branch  
**Cabinet/Function:** Cabinet for Postsecondary Education  
**Agency/Institution:** University of Kentucky-University System

**Project Title** Lease Purchase Digital Village Building 3  
**Category** Construction - Other  
**Biennium** 2010-2012  
**Location (county)** Fayette  
**Location (ADD)** Bluegrass ADD  
**Appropriation Unit** 455U

**Additional Funding?** No

**Brief Description/Justification:**

This project is the third (of four) buildings in the Digital Village. The Hardyman Building is Building 1, Building 2 is currently under construction and will house the departments of Computer Science and Electrical and Computer Engineering, and the Center for Computational Science. This facility will strengthen the University's ability to compete in nanotechnology research leading to significant increases in external research funding, serve as a magnet to high-tech industry, and foster the spin-off and development of small companies.

**PROJECT BUDGET**

<u>Fund Sources</u>	<u>Amount</u>	<u>Cost Elements</u>	<u>Amount</u>
General Fund		Land Acquisition	
Restricted Funds	24,180,000	Site Survey/Prep	94,000
Federal Funds		Project Design	1,213,000
Road Fund		Construction Cost	19,738,000
Agency Bonds		Mov. Equip/Furn.	1,209,000
Other(Private - Cash)		Contingency	1,926,000
Other(LT Financing)		Other(specify)	
Other(Local Bonds)			
Total	24,180,000	Total	24,180,000

**Explanation of Project Budget**

UK Capital Project Management Division estimated the project scope using the average of bids of multiple past similar University and/or other similar higher education facility building projects brought forward in time using the average of four historical inflation cost indexes to current dollars, then escalated forward in time based upon the current construction inflation rate to the estimated bid date.

**IMPACT ON OPERATING BUDGET?      Yes**

<u>Fund Sources</u>	<u>Amount</u>
Restricted Funds	487,000
Total	487,000

**Explanation of Impact on Operating Budget**

Personnel: \$161,000

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Operating: \$280,000  
Non-recurring: \$46,000

**PROJECT DETAIL**

**Installation(Name and ID)** Provost - 80000  
**Facility(Name and Stars #)**  
**Method of Procurement** Lease-Purchase  
**Fuel Type** Other  
Coal for heating, electric for cooling  
**Type of Space** Educational and General  
**Completion Date** 03/2014

**Existing Facility?** No

**Program Re-location?** Yes

The Department of Computer Science and the Department of Electrical and Computer Engineering are currently housed in Anderson Hall and the Electrical Engineering Annex Building. The current space will be used for new programs and labs in Chemical and Materials Engineering and to expand research space for other engineering programs. This will probably require renovation of the Anderson Hall and Electrical Engineering Annex buildings. The cost of renovation will be modest and will be covered with a combination of private funding and grant activity.

**Phased Project?** No

**Eliminate the need for other proposed projects?** No

**Need eliminated by other proposed project(s)?** No

**Additional Description/Justification**

**DESCRIPTION:**

This project will construct the third building in the Digital Village. The Hardyman Building is Building 1. Building 2 is under construction and is scheduled for completion in Winter of 2010. This facility will house the Department of Computer Science, Electrical and Computer Engineering, and the Center for Computational Science. The Building will be approximately 50,000 gross square feet. Building 4 is planned in 2012-2014.

The Digital Technology Village at the University of Kentucky is being designed to house the research, teaching and outreach activities in the high tech growth areas of digital signals, nanoelectronics, high performance computing, wireless communication, multimedia, visualization, optoelectronic systems, computer networks, scientific computing, computer engineering, integrated circuits and sensors, semiconductor technologies and information processing techniques. Resulting R&D would have applications in a variety of fields including manufacturing, medicine, agriculture, education and humanities.

The two key academic units in the Digital Technology Village will be the Department of Electrical and Computer Engineering and the Department of Computer Science. Instruction in digital and information technologies is now available in these departments. Also, the departments of Electrical and Computer Engineering and Computer Science have become increasingly



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active in research over the last five years. They are rapidly gaining national and international recognition and are taking a leadership position in the important areas of networking, visualization and nanotechnology.

In total, the Digital Technology Village will be approximately 150,000 gross sq. ft.. The space is necessary to accomodate emerging growing industrial programs in Computer Science, Electrical and Computer Engineering and research in high-speed computing, networking, visualization, digital signals and nanotechnology. The building would be located on Rose Street, adjacent to the Hardymon Building 1. Locating the building on this site is in keeping with the University's Physical Development Plan.

**SPACE PROGRAM:**

Classrooms:	3,800 nsf
Class labs:	5,000 nsf
Research labs:	8,700 nsf
Offices:	10,000 nsf
Study:	2,500 nsf
Total:	30,000 nsf

**JUSTIFICATION:**

The proposed facility will assist the University of Kentucky and the Commonwealth of Kentucky in playing a leading role in the areas of networking, visualization, nanoelectronics, microelectronics, computer engineering and other related digital technologies. It will solidify and extend the University's ability to compete in these areas and will likely lead to significant increases in funding from sponsors such as NSF, DoE, and NIH, which currently devote 40% of their research budgets to computing and nanotechnology projects.

The facility will also be prominent in serving as a magnet to high-tech industry and will foster the spin-off and development of small companies commercializing the new ideas that will define the economy of the coming decades. It will house very prominent and visible centers of research and excellence, boosting the reputation of UK and the Commonwealth. It will also provide new ideas and technologies that future industries will be based upon and, in that way, will help lead Kentucky into a new, wealthier economy.

This project is consistent with the University's Top 20 Business Plan and the statewide strategic plan as documented in the 2020 Vision statement for Postsecondary Education. It will provide access to postsecondary educational and experiential resources and services that are designed to prepare students for the modern workplace and to participate fully in the high-tech economy of the 21st century. It also will support globally competitive business and industries respected for their highly knowledgeable employees.

<b>Previous CAPITAL PLANS?</b>	Yes
2008-2014	Lease Purchase Digital Village Building 2
2006-2012	Construct Digital Technologies Building
2004-2010	Construct Digital Technologies Building
2002-2008	Construct Digital Technologies Building

**Differences between the current and most recent previous project?** Yes

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Previous submissions called for one large building. The current plan is for four separate stand alone buildings totalling approximately 150,000 GSF.

**Previous BUDGET REQUESTS?** Yes

2008-2010 Construct Digital Technologies Building  
2006-2008 Construct Digital Technologies Building  
2004-2006 Construct Digital Technologies Building

**Differences between the current and most recent previous project?** Yes

Previous submissions called for one large building. The current plan is for four separate stand alone buildings totalling approximately 150,000 GSF.

**Previous BUDGET AUTHORIZATIONS?** Yes

2006-2008 Construct Digital Technologies Building  
2004-2006 Construct Digital Technologies Building

**Most recent authorization undertaken?** No

No funds available.

**Differences between the current and most recent previous project?** Yes

Previous submissions called for one large building. The current plan is for four separate stand alone buildings totalling approximately 120,000 GSF.

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**Branch:** Executive Branch  
**Cabinet/Function:** Cabinet for Postsecondary Education  
**Agency/Institution:** University of Kentucky-University System

**Project Title** Upgrade-Renovate-Improve or Expand Research Labs  
**Category** Construction - Protect Investment in Plant  
**Biennium** 2010-2012  
**Location (county)** Fayette  
**Location (ADD)** Bluegrass ADD  
**Appropriation Unit** 455U

**Additional Funding?** No

**Brief Description/Justification:**

This project is for the upgrade, improvement, renovation and expansion of research labs and lab support spaces in existing research facilities and other University space. The renovation of existing laboratory spaces and the conversion of other spaces into research labs and lab support space are necessary to meet the needs of current and future faculty hires. This project is needed to support the University's goal of becoming a Top 20 public research university.

**PROJECT BUDGET**

<u>Fund Sources</u>	<u>Amount</u>	<u>Cost Elements</u>	<u>Amount</u>
General Fund		Land Acquisition	
Restricted Funds	33,500,000	Site Survey/Prep	
Federal Funds		Project Design	2,896,000
Road Fund		Construction Cost	24,982,000
Agency Bonds		Mov. Equip/Furn.	1,675,000
Other(Private - Cash)		Contingency	3,947,000
Other(LT Financing)		Other(specify)	
Other(Local Bonds)			
<b>Total</b>	<b>33,500,000</b>	<b>Total</b>	<b>33,500,000</b>

**Explanation of Project Budget**

UK Capital Project Management Division estimated the project scope using the average of bids of multiple past similar University and/or other similar higher education facility building projects brought forward in time using the average of four historical inflation cost indexes to current dollars, then escalated forward in time based upon the current construction inflation rate to the estimated bid date.

**IMPACT ON OPERATING BUDGET? Yes**

<u>Fund Sources</u>	<u>Amount</u>
Restricted Funds	212,000
<b>Total</b>	<b>212,000</b>

**Explanation of Impact on Operating Budget**

Personnel \$41,000  
 Operating \$131,000

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Non-Recurring \$40,000

PROJECT DETAIL

Installation(Name and ID) Provost - 80000  
Facility(Name and Stars #)  
Method of Procurement Purchase  
Fuel Type Other  
Central Plants use coal, gas, oil and  
electricity  
Type of Space Educational and General  
Completion Date 06/2012

Existing Facility? Yes

Upgrades, renovations, improvements or expansions will be made to existing research labs and/or spaces not currently dedicated to research to convert them to research labs in multiple buildings across campus. Most of the University's research labs are in older buildings.

These facilities are mostly in poor condition based upon the higher education statewide 'Facilities Condition Assessment' by VFA. While these facilities have been well maintained, age is taking it's toll on individual components within systems in the buildings as they physically wear out. In a large number of cases the components are no longer manufactured or the manufacturer has gone out of business. In some cases only 2nd party factory rebuilt parts are available via special order thereby increasing maintenance costs.

Program Re-location? No

Phased Project? No

Eliminate the need for other proposed projects? No

Need eliminated by other proposed project(s)? No

Additional Description/Justification

PROJECT DESCRIPTION

This project is for the upgrade, improvement, renovation and expansion of existing campus research labs to meet the needs of current researchers and new hires and also allows for the creation of new research spaces in existing buildings in support of researchers in their research activities or grants. Currently, there are large research components in many campus buildings and this project would address, but not be limited to, the upgrade, improvement, renovation and expansion of research labs in those facilities. However, given the University's continuing exploration of space management strategies to support growth within current space, it is very likely that non-research space in other campus buildings will be renovated and converted into research laboratories and lab support space.

JUSTIFICATION:

To recruit the best researchers and to emerge as a leader in research, the University must provide facilities that will ensure productive research activities. Consequently, it is necessary to upgrade, retrofit, and modify existing labs and create new research spaces for current and new faculty.

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The renovations included in this project will be completed in existing research and research support spaces and other University space. Non-research space will be renovated and converted into research labs and lab support space. Many labs and lab support spaces have not been renovated since the facilities were constructed. Lab layouts are outdated, casework is stained and delaminating, equipment space is inadequate, and utility services taxed. The renovations are also necessary to accommodate new technologies and safety requirements. The scope of work will include new casework, fume hoods, finishes, and upgrades to the mechanical, electrical, plumbing and HVAC.

The University's Top 20 Business Plan outlines growth in enrollment and research. This increase in enrollment and research will support the University's goal of becoming a Top 20 public research university. The Plan calls for the recruitment of the best and brightest students and researchers. To recruit the best, the University must offer state-of-the-art classrooms, class labs, research labs and lab support space.

To increase enrollment and research will have a positive and direct impact on the local and state economy. Increased enrollment drives the need for additional faculty. The additional faculty will bring with them additional external funding dollars plus generate more external funding once on campus. General spending by students, salaries for faculty and staff, along with dollars from external funding, multiply throughout the community and state.

The project is consistent with the Top 20 Business Plan and the statewide strategic plan as documented in the 2020 vision Statement for Postsecondary Education. It will serve to cultivate innovate knowledge and technology through advanced research in an integrated network of high-performance learning organizations and will assist in preparing an educated workforce for the modern workplace. It will provide a richer array of education, training, and research which will assist the University of Kentucky in meeting the state goal of becoming a Top 20 public research university.

**Previous CAPITAL PLANS?** Yes  
2008-2014 Upgrade-Renovate-Improve or Expand Research Labs

**Differences between the current and most recent previous project?** No

**Previous BUDGET REQUESTS?** No

**Previous BUDGET AUTHORIZATIONS?** No

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**Branch:** Executive Branch  
**Cabinet/Function:** Cabinet for Postsecondary Education  
**Agency/Institution:** University of Kentucky-University System

**Project Title** Renovate King Library South-1962 Section, Phase2  
**Category** Construction - Protect Investment in Plant  
**Biennium** 2010-2012  
**Location (county)** Fayette  
**Location (ADD)** Bluegrass ADD  
**Appropriation Unit** 455U

**Additional Funding?** No

**Brief Description/Justification:**

This project is Phase 2 of a renovation to consolidate the Science Library into the M. I. King Building. The Project will renovate approximately 20,000 net square feet of space. The work will include upgrades to lighting, finishes, equipment, and furniture.

**PROJECT BUDGET**

<u>Fund Sources</u>	<u>Amount</u>	<u>Cost Elements</u>	<u>Amount</u>
General Fund		Land Acquisition	
Restricted Funds	3,600,000	Site Survey/Prep	
Federal Funds		Project Design	357,000
Road Fund		Construction Cost	2,667,000
Agency Bonds		Mov. Equip/Furn.	180,000
Other(Private - Cash)		Contingency	396,000
Other(LT Financing)		Other(specify)	
Other(Local Bonds)			
<b>Total</b>	<b>3,600,000</b>	<b>Total</b>	<b>3,600,000</b>

**Explanation of Project Budget**

UK Capital Project Management Division estimated the project scope using the average of bids of multiple past similar University and/or other similar higher education facility building projects brought forward in time using the average of four historical inflation cost indexes to current dollars, then escalated forward in time based upon the current construction inflation rate to the estimated bid date.

**IMPACT ON OPERATING BUDGET? Yes**

<u>Fund Sources</u>	<u>Amount</u>
Restricted Funds	101,000
<b>Total</b>	<b>101,000</b>

**Explanation of Impact on Operating Budget**

Personnel - \$ 25,000  
 Operating - \$ 59,000  
 Non-recurring - \$ 17,000

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**PROJECT DETAIL**

**Installation (Name and ID)** Provost - 80000  
**Facility (Name and Stars #)** M.I. King Library Building - 30180039  
**Method of Procurement** Purchase  
**Fuel Type** Other  
Coal for heating and electric for cooling  
**Type of Space** Educational and General  
**Completion Date** 06/2012

**Existing Facility?** Yes

This section of the M.I. King Library Building came online in 1963 and has roughly 80,700 GSF on five levels. This project addresses approximately 20,000 GSF of space in the 1963 addition. The space currently houses the Geology and Maps Libraries, the International Documents and Research Collections, and storage materials.

The state wide higher education Facilities Condition Assessment by VFA in 2006 classified this building as in "Poor" condition. While this facility has been well maintained, age is taking it's toll on individual components within systems in the buildings as they physically wear out. In a large number of cases the components are no longer manufactured or the manufacturer has gone out of business. In some cases only 2nd party factory rebuilt parts are available via special order thereby increasing maintenance costs.

**Program Re-location?** Yes

The Chem/Physics and the Math Library relocated to the new Science Library in the fall of 2008. The renovation for this space was completed in Phase 1. The Engineering Library will relocate to the proposed renovated space of Phase 2. The vacated space in the College of Engineering will be used for growth in the College of Engineering. The new occupants for the vacated space have not been determined. This project does not include renovation of the vacated space.

**Phased Project?** Yes

Originally this renovation was planned to be completed in a single project. Funding availability along with delays in consolidating the Engineering Library with the Science Library required the University to complete the renovation in two phases.

**Eliminate the need for other proposed projects?** No

**Need eliminated by other proposed project(s)?** No

**Additional Description/Justification**

**DESCRIPTION:**

This project will complete the final renovation of the Science Library consolidation. The first phase was completed in the fall of 2008. With the completion of Phase 1, the Chem/Physics and Math Library relocated into the newly renovated space. Phase 2 will renovate approximately 20,000 additional net square feet of space that will accommodate the Engineering Library. In addition, space that the Geology and Map Library occupies will be upgraded. The work will include upgrades to lighting, finishes,

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equipment, and furniture.

JUSTIFICATION:

Completion of this proposed phase of work will complete the consolidation of the Science libraries. The consolidated libraries will facilitate inter-disciplinary research and provide better access to material. Also, with the continuing growth of the library endowment, the system will need appropriate space for new materials and for teaching the use of new electronic products. The consolidated library will allow for improved staff efficiency.

The University's Top 20 Business plan outlines needed growth in enrollment. This increase in enrollment will support the state's needs and the University's goal of becoming a Top 20 public research university. The Plan calls for the recruitment of the best and brightest students, faculty, and researchers. To recruit the best, the University must offer state-of-the-art student facilities.

The increase in students will have a positive and direct impact of the local and state economy. General spending by students multiply throughout the community and state.

The project is consistent with the statewide strategic plan as documented in the 2020 Vision Statement for Postsecondary Education. It will serve to cultivate innovative knowledge and technology through advanced research in an integrated network of high-performance learning organizations and will assist in preparing an educated workforce for the modern workplace. It will provide a richer array of education, training, and research which will assist the University of Kentucky in meeting the state goal of becoming a Top 20 Public research university.

Previous CAPITAL PLANS? No

Previous BUDGET REQUESTS? No

Previous BUDGET AUTHORIZATIONS? No



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**Branch:** Executive Branch  
**Cabinet/Function:** Cabinet for Postsecondary Education  
**Agency/Institution:** University of Kentucky-University System

**Project Title** Construct Equine Campus  
**Category** Construction - Other  
**Biennium** 2010-2012  
**Location (county)** Fayette  
**Location (ADD)** Bluegrass ADD  
**Appropriation Unit** 455U

**Additional Funding?** No

**Brief Description/Justification:**

The Equine Campus will provide facilities for equine science and management including a new B. S. degree program. The facilities will consist of an Equine Education Cluster, an Equine Health Research Cluster and an Animal Sciences Research Cluster with support infrastructure such as utilities, fencing and farm roadways. The Equine Education Cluster will consist of a teaching pavilion and a Learning Center with state-of-the-art classroom technology and a multipurpose laboratory in which horses can be contained for enhanced undergraduate instruction. The Equine Health Research Cluster will consist of two Biosafety Level 2 facilities and a small cluster for Strangles and infectious disease research. The Animal Sciences Research Cluster will consist of two new 12-stall research barns and renovation of existing barns.

The equine industry is the largest cash producing enterprise in agriculture. Demand for education in equine science and management is at an all time high. In response to this demand, the College of Agriculture at the University of Kentucky plans to initiate a Equine Science and Management degree program beginning Fall 2007. Facilities are required to provide hands-on activities and demonstrations, a capability that does not currently exist.

**PROJECT BUDGET**

<u>Fund Sources</u>	<u>Amount</u>	<u>Cost Elements</u>	<u>Amount</u>
General Fund		Land Acquisition	
Restricted Funds		Site Survey/Prep	68,000
Federal Funds		Project Design	722,000
Road Fund		Construction Cost	9,005,000
Agency Bonds		Mov. Equip/Furn.	563,000
Other(Private - Cash)	11,250,000	Contingency	892,000
Other(LT Financing)		Other(specify)	
Other(Local Bonds)			
<b>Total</b>	<b>11,250,000</b>	<b>Total</b>	<b>11,250,000</b>

**Explanation of Project Budget**

UK Capital Project Management Division estimated the project scope using the average of bids of multiple past similar University and/or other similar

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higher education facility building projects brought forward in time using the average of four historical inflation cost indexes to current dollars, then escalated forward in time based upon the current construction inflation rate to the estimated bid date.

<u>IMPACT ON OPERATING BUDGET?</u>	Yes
<u>Fund Sources</u>	<u>Amount</u>
General Fund	131,000
Restricted Funds	131,000
Federal Funds	131,000
Total	393,000

**Explanation of Impact on Operating Budget**

Personnel: \$110,000  
 Operating: \$241,000  
 Non-recurring: \$ 42,000

**PROJECT DETAIL**

Installation(Name and ID) Provost - 80000  
 Facility(Name and Stars #)  
 Method of Procurement Purchase  
 Fuel Type Other  
 Heating by Gas and Cooling by Electricity  
 Type of Space Educational and General  
 Completion Date 07/2012

Existing Facility? No

Program Re-location? No

Phased Project? No

Eliminate the need for other proposed projects? No

Need eliminated by other proposed project(s)? No

**Additional Description/Justification**

**DESCRIPTION:**

The Equine Campus provides facilities for education, research and extension programming. The facilities consist of an Equine Education Cluster, an Equine Health Research Cluster and an Animal Sciences Research Cluster with support infrastructure such as utilities, fencing and farm roadways. The Equine Education Cluster will consist of a 10,000 sq. ft. open-span educational teaching pavilion and a 10,000 sq. ft. Learning Center with state-of-the-art classroom technology and a multipurpose laboratory in which horses can be contained for enhanced undergraduate instruction. The Teaching Pavilion will include a rubber-floored arena and a small classroom/multipurpose area in which students will be able to interact with horses in a protected environment. The Equine Health Research Cluster will consist of two Biosafety Level 2 facilities and a Strangles research facility. Animal containment facility I and II will have 24 stalls at Animal Biosafety Level 2 to contain some agents that pose minimal risk to human health. Building features include walls with epoxy finishes so they

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can be easily disinfected, drains in each stall, and a holding tank for the decontamination of waste. The 10,000 sq. ft. Strangles Research Facility will enhance research on strangles, an infectious disease that affects mostly young horses. It will enable scientists to learn more about the disease and work toward developing preventive vaccines. Located on the south side of Spindletop Farm, the Strangles Research Facility will include individual interior stalls to house research horses and state-of-the-art technology for safe waste removal. It will be classified as an Animal Biosafety Level 1 containment facility. The Animal Sciences Research Cluster will consist of two new 12-stall research barns and renovation of existing barns.

**SPACE PROGRAM:**

Classrooms: 10,000 gsf  
Research Labs: 29,400 gsf  
Office:1,670 gsf  
Special Use: 4,400 gsf  
Support:13,670 gsf  
Total: 69,140 gsf

**JUSTIFICATION:**

As the land grant institution in a state whose number one agricultural commodity is horses\*, the University of Kentucky envisions itself becoming the world leader in equine teaching, research and service. As such, the future of equine programs at UK is inherently tied to the facilities available to make this vision a reality.

The distinction of top-notch programs and facilities is necessary to attract and train students to become the industry's leaders of tomorrow. This anticipated level of excellence is also fundamental to recruiting the most talented instructors and researchers and providing relevant and valuable outreach programs for Kentuckians.

UK's current equine facilities are inadequate to support the development of a top-notch university recognized for its equine programs. Without adequate teaching and research facilities, UK jeopardizes its strong tradition of excellence in equine health and nutrition research as well as its vision for the future, a vision benefiting all Kentuckians and their horses.

UK has begun to build toward its vision for the future. Some of its planned projects have been funded and others are in the process of a major fundraising drive. UK's Equine Campus will be located at its Maine Chance Farm location on Newtown Pike north of Lexington.

Immediate facility priorities for this campus include:

- An equine education cluster, including a teaching pavilion for UK's new undergraduate program
- An equine health research cluster, which includes an equine health research facility dedicated to strangles as well as other animal containment facilities
- An animal science research cluster, which includes renovation and expansion of barns used for research

Planning for some of these structures is under way. It is expected that the college will proceed with construction and renovation during 2007 and complete the first phase in 2008.

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Next steps, which are longer term, will be the completion of the equine campus, establishing three clusters at Maine Chance Farm for education, equine health and animal science research. In addition, the college is planning the implementation of multiple water quality protection practices at Maine Chance Farm and nearby areas in the Cane Run watershed.

The equine campus will provide up-to-date and highly functional facilities for University research and education. The green space, attractive buildings and landscape design will conserve and enhance an aesthetic and environmental resource for Fayette County. Additionally, facilities will demonstrate how to employ best management practices for operating a horse facility while protecting the environment. This project will support the university's strategic plan priorities as related to national recognition, leadership in research, teaching and technology transfer. It will address issues facing the Commonwealth and will contribute to economic expansion.

\*Kentucky is widely considered "the horse capital of the world." This proclamation is given weight by the fact that Kentucky is the only state in which horses are the largest component of agricultural sales. (Slightly less than 30 percent of Kentucky's cash crops). A Kentucky Horse Council study (2004) estimated that in 2002 the direct economic impact of the Kentucky equine industry was \$1.13 billion and the total impact was \$1.77 billion, including 31,800 jobs and a payroll of \$630 million.

**Previous CAPITAL PLANS?** Yes  
2008-2014 Construct Equine Campus

**Differences between the current and most recent previous project?** No

**Previous BUDGET REQUESTS?** Yes  
2008-2010 Construct Equine Campus

**Differences between the current and most recent previous project?** No

**Previous BUDGET AUTHORIZATIONS?** Yes  
2008-2010 Construct Equine Campus

**Most recent authorization undertaken?** No  
No funds available.

**Differences between the current and most recent previous project?** No

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**Branch:** Executive Branch  
**Cabinet/Function:** Cabinet for Postsecondary Education  
**Agency/Institution:** University of Kentucky-University System

**Project Title** Construct Library Depository Facility  
**Category** Construction - Other  
**Biennium** 2010-2012  
**Location (county)** Fayette  
**Location (ADD)** Bluegrass ADD  
**Appropriation Unit** 455U

**Additional Funding?** No

**Brief Description/Justification:**

Construct a shared, fee-based, depository storage facility that would house and service University library materials that are seldomly used yet valuable for research purposes. It would also house University Archives and other University departmental documents and collections. This facility would be owned and administered by UK Libraries, but use of its space and services would be extended to other UK and non-UK departments and libraries for a fee.

**PROJECT BUDGET**

<u>Fund Sources</u>	<u>Amount</u>	<u>Cost Elements</u>	<u>Amount</u>
General Fund		Land Acquisition	
Restricted Funds	7,625,000	Site Survey/Prep	61,000
Federal Funds		Project Design	401,000
Road Fund		Construction Cost	6,184,000
Agency Bonds		Mov. Equip/Furn.	381,000
Other(Private - Cash)		Contingency	598,000
Other(LT Financing)		Other(specify)	
Other(Local Bonds)			
<b>Total</b>	<b>7,625,000</b>	<b>Total</b>	<b>7,625,000</b>

**Explanation of Project Budget**

UK Capital Project Management Division estimated the project scope based upon Dill & Company's 2004 study and estimate brought forward in time using the average of four historical inflation cost indexes to current dollars, then escalated forward in time based upon the current construction inflation rate to the estimated mid-point of construction.

**IMPACT ON OPERATING BUDGET? Yes**

<u>Fund Sources</u>	<u>Amount</u>
General Fund	215,000
<b>Total</b>	<b>215,000</b>

**Explanation of Impact on Operating Budget**

Personnel = \$50,000  
 Operating = \$142,000  
 Non-recurring = \$23,000

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**PROJECT DETAIL**

Installation(Name and ID) Provost - 80000  
Facility(Name and Stars #)  
Method of Procurement Purchase  
Fuel Type Other  
Heating by Gas and Cooling by Electricity  
Type of Space Educational and General  
Completion Date 06/2012

Existing Facility? No

Program Re-location? No

Phased Project? No

Eliminate the need for other proposed projects? No

Need eliminated by other proposed project(s)? No

**Additional Description/Justification**

Because most major research universities lack campus space to store their vast library collections, the majority of Association of Research Libraries now use secondary storage facilities called depositories. While they are first and foremost a strategic response to space crises, they also offer additional advantages. "The cost of building and operating a no-frills warehouse is as little as one-fifteenth that of a traditional library, even considering the expense of retrieving and delivering the materials to the campus when needed." (Chronicle of Higher Education, 10/17/97, p.A27).

The climate controlled storage sites do a better job of preserving the materials stored there than do the user-centered library environments. New high density facilities are now equipped with technologically advanced storage and retrieval systems which offer rapid, accurate inventory control methods coupled with cost-efficient, space saving shelving.

User centered services which can be offered at the facility include: interface with the Integrated Library System, electronic transmission of documents as requested, and study rooms where researchers may use materials on site. A high-density, off-site, self-managed storage facility will provide the University Libraries with a safe, secure, economical place in which to store and provide access to its lesser-used documents and collections.

Size permitting, space and services would be offered to University departments and non-University entities for a fee.

At this time, we estimate the facility to provide 25,000 sq ft of net assignable space. Most of the space would be used to house stored collections, but some space would be allocated for office and materials processing areas.

Previous CAPITAL PLANS? Yes  
2008-2014 Construct Library Depository Facility

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2006-2012 Construct Library Depository Facility  
2004-2010 Construct Library Depository Facility

Differences between the current and most recent previous project? No

Previous BUDGET REQUESTS? Yes

2008-2010 Construct Library Depository Facility  
2006-2008 Construct Library Depository Facility

Differences between the current and most recent previous project? No

Previous BUDGET AUTHORIZATIONS? Yes

2008-2010 Construct Library Depository Facility  
2006-2008 Construct Library Depository Facility

Most recent authorization undertaken? No

No funds available.

Differences between the current and most recent previous project? No

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**Branch:** Executive Branch  
**Cabinet/Function:** Cabinet for Postsecondary Education  
**Agency/Institution:** University of Kentucky-University System

**Project Title** Renovate Space in McVey Hall  
**Category** Construction - Protect Investment in Plant  
**Biennium** 2010-2012  
**Location (county)** Fayette  
**Location (ADD)** Bluegrass ADD  
**Appropriation Unit** 455U

**Additional Funding?** No

**Brief Description/Justification:**

This project will renovate approximately 16,000 net square feet of space in McVey Hall. The renovated space will be used for offices, classrooms, and student support services. The UK Data Center will vacate the space and the space must be renovated to accommodate the change in space use.

**PROJECT BUDGET**

<u>Fund Sources</u>	<u>Amount</u>	<u>Cost Elements</u>	<u>Amount</u>
General Fund		Land Acquisition	
Restricted Funds	4,900,000	Site Survey/Prep	
Federal Funds		Project Design	359,000
Road Fund		Construction Cost	3,759,000
Agency Bonds		Mov. Equip/Furn.	245,000
Other(Private - Cash)		Contingency	537,000
Other(LT Financing)		Other(specify)	
Other(Local Bonds)			
<b>Total</b>	<b>4,900,000</b>	<b>Total</b>	<b>4,900,000</b>

**Explanation of Project Budget**

UK Capital Project Management Division estimated the project scope using the average of bids of multiple past similar University and/or other similar higher education facility building projects brought forward in time using the average of four historical inflation cost indexes to current dollars, then escalated forward in time based upon the current construction inflation rate to the estimated bid date.

**IMPACT ON OPERATING BUDGET?      Yes**

<u>Fund Sources</u>	<u>Amount</u>
Restricted Funds	107,000
<b>Total</b>	<b>107,000</b>

**Explanation of Impact on Operating Budget**

Personnel: \$17,000  
 Operating: \$78,000  
 Non-recurring: \$12,000



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**PROJECT DETAIL**

**Installation(Name and ID)** Provost - 80000  
**Facility(Name and Stars #)** McVey Hall - 30180045  
**Method of Procurement** Purchase  
**Fuel Type** Other  
Coal for heating and electric for cooling  
**Type of Space** Educational and General  
**Completion Date** 06/2012

**Existing Facility?** Yes

McVey Hall was constructed in 1928. It is approximately 51,866 gross square feet. It houses offices, classrooms, the UK computing center, computer training center, and building support spaces. McVey Hall is on the University of Kentucky's list of 'Historic Campus Buildings' as approved by the UK Board of Trustees on March 6, 2001.

The state wide higher education Facilities Condition Assessment by VFA in 2006 classified this building as in "Poor" condition. While this facility has been well maintained, age is taking it's toll on individual components within systems in the buildings as they physically wear out. In a large number of cases the components are no longer manufactured or the manufacturer has gone out of business. In some cases only 2nd party factory rebuilt parts are available via special order thereby increasing maintenance costs.

**Program Re-location?** No

**Phased Project?** No

**Eliminate the need for other proposed projects?** No

**Need eliminated by other proposed project(s)?** No

**Additional Description/Justification**

**DESCRIPTION:**

The project will renovate approximately 16,000 net square feet of space in McVey Hall. The renovated space will be used for offices, classrooms, and student support services. The current space occupant is the UK Data Center which houses the main data processing and data storage equipment. The raised computer floors will be removed. The special cooling will be modified for the new space uses.

All classrooms will be equipped with "Smart Classroom" technology. The equipment will include a computer, projector, media player, sound system, document camera, podium, and internet connection. Several walls will be constructed to form offices and office suites to house various student, faculty, and dry research programs.

**SPACE PROGRAM:**

Classrooms: 6,000 nsf  
Offices: 10,000 nsf  
Total: 16,000 nsf

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**JUSTIFICATION:**

The UK Data Center is planning to move off campus. However, the Center's move to an off campus location is not part of this project. The move will vacate space in McVey which is in the heart of main campus and allow the space to be used to meet the needs of several programs.

In 2005, the University adopted the Top 20 Business Plan. The Plan outlines needed growth in enrollment and faculty. These increases will support the state's needs and the University's goal of becoming a Top 20 public research university. The Plan calls for the recruitment of the best and brightest students and faculty. To recruit the best, the University must offer state-of-the-art classrooms and adequate office space.

The increase in enrollment and faculty will have a positive and direct impact on the local and state economy. Increased enrollment drives the need for additional faculty. The additional faculty will bring with them additional external funding dollars plus generate more external funding once on campus. General spending by students, salaries for faculty and staff, along with dollars from external funding, multiply throughout the community and state.

The project is consistent with the statewide strategic plan as documented in the 2020 vision Statement for Postsecondary Education. It will serve to cultivate innovate knowledge and technology through advanced research in an integrated network of high-performance learning organizations and will assist in preparing an educated workforce for the modern workplace. It will provide a richer array of education, training, and research which will assist the University of Kentucky in meeting the state goal of becoming a Top 20 public research university.

**Previous CAPITAL PLANS?** Yes

2008-2014 Renovate Space in McVey Hall

**Differences between the current and most recent previous project?** No

**Previous BUDGET REQUESTS?** Yes

2008-2010 Renovate Space in McVey Hall

**Differences between the current and most recent previous project?** No

**Previous BUDGET AUTHORIZATIONS?** Yes

2008-2010 Renovate Space in McVey Hall

**Most recent authorization undertaken?** No

No funds available.

**Differences between the current and most recent previous project?** No

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**Branch:** Executive Branch  
**Cabinet/Function:** Cabinet for Postsecondary Education  
**Agency/Institution:** University of Kentucky-University System

**Project Title** Renovate Dentistry Clinic in Ky Clinic  
**Category** Construction - Protect Investment in Plant  
**Biennium** 2010-2012  
**Priority** **Agency** **Cabinet** **Agency Bond** 3  
**Location (county)** Fayette  
**Location (ADD)** Bluegrass ADD  
**Appropriation Unit** 455U

**Additional Funding?** No

**Brief Description/Justification:**

This project will renovate approximately 10,000 net square feet of space in Wing C of the Ky Clinic. The renovated space will consist of an outpatient clinic, offices, and support spaces. The work will include upgrades to all mechanical, electrical, plumbing, communication, fire sprinklers, and security systems within the space plus upgrades for code and ADA deficiencies.

**PROJECT BUDGET**

<u>Fund Sources</u>	<u>Amount</u>	<u>Cost Elements</u>	<u>Amount</u>
General Fund		Land Acquisition	
Restricted Funds		Site Survey/Prep	
Federal Funds		Project Design	589,000
Road Fund		Construction Cost	5,809,000
Agency Bonds	7,615,000	Mov. Equip/Furn.	381,000
Other(Private - Cash)		Contingency	836,000
Other(LT Financing)		Other(specify)	
Other(Local Bonds)			
<b>Total</b>	<b>7,615,000</b>	<b>Total</b>	<b>7,615,000</b>

**Explanation of Project Budget**

UK Capital Project Management Division estimated the project scope using the average of bids of multiple past similar University and/or other similar higher education facility building projects brought forward in time using the average of four historical inflation cost indexes to current dollars, then escalated forward in time based upon the current construction inflation rate to the estimated bid date.

**IMPACT ON OPERATING BUDGET?** No

**PROJECT DETAIL**

**Installation(Name and ID)** Provost - 80000  
**Facility(Name and Stars #)** University Medical Plaza - 30180223  
**Method of Procurement** Purchase  
**Fuel Type** Other

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**Type of Space** Coal for heating and electric for cooling  
Educational and General  
**Completion Date** 06/2012

**Existing Facility?** Yes

This project will renovate approximately 10,000 net square feet of clinic space in Wing C of the Ky Clinic. The building was constructed in 1984, is approximately 190,600 gross square feet, and is in fair condition. The building consists of patient clinics, offices, administrative offices, and support space. The building is heated with steam from the coal fueled central plants and the cooling is supplied from the central, electric generated, chilled water plants. The buildings current use will not change as a result of this project.

The state wide higher education Facilities Condition Assessment by VFA in 2006 classified this building as in "Poor" condition. While this facility has been well maintained, age is taking it's toll on individual components within systems in the buildings as they physically wear out. In a large number of cases the components are no longer manufactured or the manufacturer has gone out of business. In some cases only 2nd party factory rebuilt parts are available via special order thereby increasing maintenance costs.

**Program Re-location?** No

**Phased Project?** No

**Eliminate the need for other proposed projects?** No

**Need eliminated by other proposed project(s)?** No

**Additional Description/Justification**

DESCRIPTION

This project will renovate approximately 10,000 net square feet of space in Wing C of the Ky Clinic. The renovated space will consist of an outpatient clinic, offices, and support spaces. The work will include upgrades to all mechanical, electrical, plumbing, communication, fire sprinklers, and security systems within the space plus upgrades for code and ADA deficiencies.

SPACE PROGRAM

The project will include the following:

Research Lab: 500 nsf

Office: 1,600 nsf

General Use: 500 nsf

Support: 300 nsf

Health Care: 7,100 nsf

Total: 10,000 nsf

JUSTIFICATION

Dentistry patients are experiencing significant delays in start-up of treatment due to lack of available operatories and staffing in the Clinic. The University of Kentucky Dental Care Plan continues to grow each year with additional patients. Expansion of clinical facilities is necessary for the College to continue to serve the needs of the citizens of the

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Commonwealth.

This project is consistent with the statewide strategic plan as documented in the 2020 Vision Statement for Postsecondary Education. It will provide for a higher quality of life for Kentuckians which, in the broadest sense, is the mission of the Kentucky system of postsecondary education.

**Previous CAPITAL PLANS? Yes**

2008-2014	Renovate Dentistry Clinic in Ky Clinic
2006-2012	Renovate Outpatient Clinic in Kentucky Clinic
2004-2010	Renovate Outpatient Clinic in Kentucky Clinic
2002-2008	Renovate Outpatient Clinic in Kentucky Clinic
1996-2002	Outpatient Clinic Expansion

**Differences between the current and most recent previous project? No**

**Previous BUDGET REQUESTS? Yes**

2008-2010	Renovate Dentistry Clinic in Kentucky Clinic
2006-2008	Renovate Outpatient Clinic in Kentucky Clinic
2004-2006	Renovate Outpatient Clinic in Kentucky Clinic
2002-2004	Renovate Outpatient Clinic in Kentucky Clinic
1998-2000	Outpatient Clinic Expansion - Dentistry

**Differences between the current and most recent previous project? No**

**Previous BUDGET AUTHORIZATIONS? Yes**

2008-2010	Renovate Dentistry Clinic in Kentucky Clinic
2006-2008	Renovate Outpatient Clinic in Kentucky Clinic
2004-2006	Renovate Outpatient Clinic in Kentucky Clinic
2002-2004	Renovate Outpatient Clinic in Kentucky Clinic
1998-2000	Outpatient Clinic Expansion - Dentistry

**Most recent authorization undertaken? No**

No funds available.

**Differences between the current and most recent previous project? No**

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**Branch:** Executive Branch  
**Cabinet/Function:** Cabinet for Postsecondary Education  
**Agency/Institution:** University of Kentucky-University System

**Project Title** Expand Pence Hall  
**Category** Construction - Other  
**Biennium** 2010-2012  
**Location (county)** Fayette  
**Location (ADD)** Bluegrass ADD  
**Appropriation Unit** 455U

**Additional Funding?** No

**Brief Description/Justification:**

This project will construct a 70,000 gross square feet addition to Pence Hall and make code improvements in the existing building. The new facility will house class labs (studios), faculty offices, and student support spaces. The new space will be used to consolidate the College of Design into fewer facilities. The vacated space will allow other colleges to accommodate expanded enrollment and additional faculty.

**PROJECT BUDGET**

<u>Fund Sources</u>	<u>Amount</u>	<u>Cost Elements</u>	<u>Amount</u>
General Fund		Land Acquisition	
Restricted Funds	35,000,000	Site Survey/Prep	
Federal Funds		Project Design	2,648,000
Road Fund		Construction Cost	26,520,000
Agency Bonds		Mov. Equip/Furn.	1,750,000
Other(Private - Cash)		Contingency	4,082,000
Other(LT Financing)		Other(specify)	
Other(Local Bonds)			
<b>Total</b>	<b>35,000,000</b>	<b>Total</b>	<b>35,000,000</b>

**Explanation of Project Budget**

UK Capital Project Management Division estimated the project scope using the average of bids of multiple past similar University and/or other similar higher education facility building projects brought forward in time using the average of four historical inflation cost indexes to current dollars, then escalated forward in time based upon the current construction inflation rate to the estimated bid date.

**IMPACT ON OPERATING BUDGET?      Yes**

<u>Fund Sources</u>	<u>Amount</u>
General Fund	680,000
<b>Total</b>	<b>680,000</b>

**Explanation of Impact on Operating Budget**

Personnel:        \$301,000  
 Operating:        \$293,000  
 Non-recurring    \$ 86,000

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PROJECT DETAIL

Installation(Name and ID) Provost - 80000  
Facility(Name and Stars #) Pence Hall - 30180041  
Method of Procurement Purchase  
Fuel Type Other  
Coal for steam, electric for cooling  
Type of Space Educational and General  
Completion Date 04/2013

**Existing Facility?** Yes

Pence Hall was constructed in 1909. It is approximately 42,182 gross square feet. The facility contains classrooms, class labs, faculty offices, administrative offices, studios, library, and support spaces. Pence Hall is on the University of Kentucky's list of 'Historic Campus Buildings' as approved by the UK Board of Trustees on March 6, 2001.

The state wide higher education Facilities Condition Assessment by VFA in 2006 classified this building as in "Poor" condition. While this facility has been well maintained, age is taking it's toll on individual components within systems in the buildings as they physically wear out. In a large number of cases the components are no longer manufactured or the manufacturer has gone out of business. In some cases only 2nd party factory rebuilt parts are available via special order thereby increasing maintenance costs.

**Program Re-location?** Yes

Interior Design will vacate space in the Funkhouser Building and Bowman Hall. Architecture studios will vacate Miller Hall. Vacated space will be used to further execute the University's plan to centralize student services and expand enrollment. This project does not include funds to renovate the vacated space.

**Phased Project?** No

**Eliminate the need for other proposed projects?** No

**Need eliminated by other proposed project(s)?** No

**Additional Description/Justification**

DESCRIPTION

This project will construct a 70,000 gross square feet addition to Pence Hall. The new space will be studios, offices, and student support spaces. This addition will allow the entire Interior Design department and the Architecture studios to be consolidated into one facility.

JUSTIFICATION

Currently, the College of Design is spread across four different locations, not including space that is occupied in downtown Lexington. This project will consolidate the College of Design into one facility on campus and will help address deficiencies in facilities noted by the College of Design's accrediting body since 1977. Consolidation of these programs will take advantage of synergies and make shared resources more readily available to Interior Design students.

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The University's Top 20 Business Plan outlines growth in enrollment and research. This increase in enrollment and research will support the University's goal of becoming a Top 20 public research university. The Plan calls for the recruitment of the best and brightest students, faculty, and researchers. To recruit the best, the University must offer state-of-the-art classrooms, class labs, and research labs.

The increase in enrollment and research will have a positive and direct impact on the local and state economy. Increased enrollment drives the need for additional faculty. The additional faculty will bring with them additional external funding dollars plus generate more external funding once on campus. General spending by students, salaries for faculty and staff, along with dollars from external funding, multiply throughout the community and state.

The project is consistent with the statewide strategic plan as documented in the 2020 vision Statement for Postsecondary Education. It will serve to cultivate innovate knowledge and technology through advanced research in an integrated network of high-performance learning organizations and will assist in preparing an educated workforce for the modern workplace. It will provide a richer array of education, training, and research which will assist the University of Kentucky in meeting the state goal of becoming a Top 20 public research university.

**Previous CAPITAL PLANS?** Yes  
2008-2014 Expand Pence Hall  
2006-2012 Expand Pence Hall  
2004-2010 Expand Pence Hall

**Differences between the current and most recent previous project?** Yes  
The size of the addition has gotten larger in order to consolidate more of the College of Design to one location.

**Previous BUDGET REQUESTS?** Yes  
2008-2010 Expand Pence Hall  
2006-2008 Expand Pence Hall  
2004-2006 Expand Pence Hall

**Differences between the current and most recent previous project?** Yes  
The size of the addition has gotten larger in order to consolidate more of the College of Design to one location.

**Previous BUDGET AUTHORIZATIONS?** Yes  
2008-2010 Expand Pence Hall  
2006-2008 Expand Pence Hall  
2004-2006 Expand Pence Hall

**Most recent authorization undertaken?** No  
No funds available.

**Differences between the current and most recent previous project?** Yes  
The size of the addition has gotten larger in order to consolidate more of the College of Design to one location.



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**Branch:** Executive Branch  
**Cabinet/Function:** Cabinet for Postsecondary Education  
**Agency/Institution:** University of Kentucky-University System

**Project Title** Renovate Reynolds Building, Phase 1  
**Category** Construction - Protect Investment in Plant  
**Biennium** 2010-2012  
**Location (county)** Fayette  
**Location (ADD)** Bluegrass ADD  
**Appropriation Unit** 455U

**Additional Funding?** No

**Brief Description/Justification:**

This project will renovate parts of the Reynolds Building and will be completed in phases. The work will include 56,000 square feet of space including, but not limited to, electrical upgrade, ventilation, HVAC, new restrooms and a reconfiguration of the studio spaces. Safety, handicap accessibility and indoor air quality are project priorities. This project addresses deferred maintenance needs and quality of the learning environment.

**PROJECT BUDGET**

<u>Fund Sources</u>	<u>Amount</u>	<u>Cost Elements</u>	<u>Amount</u>
General Fund		Land Acquisition	
Restricted Funds	3,270,000	Site Survey/Prep	
Federal Funds		Project Design	243,000
Road Fund		Construction Cost	2,513,000
Agency Bonds		Mov. Equip/Furn.	164,000
Other(Private - Cash)		Contingency	350,000
Other(LT Financing)		Other(specify)	
Other(Local Bonds)			
<b>Total</b>	<b>3,270,000</b>	<b>Total</b>	<b>3,270,000</b>

**Explanation of Project Budget**

General estimates and the amount department is planning to invest in the project.

**IMPACT ON OPERATING BUDGET?      Yes**

<u>Fund Sources</u>	<u>Amount</u>
Restricted Funds	224,000
<b>Total</b>	<b>224,000</b>

**Explanation of Impact on Operating Budget**

Personnel:           \$ 51,000  
 Operating:           \$141,000  
 Non-recurring:      \$ 32,000

**PROJECT DETAIL**

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Installation(Name and ID) Provost - 80000  
Facility(Name and Stars #) Reynolds Building - 30180101  
Method of Procurement Purchase  
Fuel Type Coal  
Type of Space Educational and General  
Completion Date 06/2012

**Existing Facility?** Yes

Reynolds Building #1 is occupied by the Art Department, campus maintenance materials, and UK Surplus. It was constructed in 1917. The 56,000 square feet consist of 29,733 square feet of class labs, 10,700 square feet of research space, 7206 square feet of office space, 2961 square feet for general use and 5400 square feet for support facilities. The Reynolds Building is in bad condition; it has never received any major renovations.

The state wide higher education Facilities Condition Assessment by VFA in 2006 classified this building as in "Poor" condition. While this facility has been well maintained, age is taking it's toll on individual components within systems in the buildings as they physically wear out. In a large number of cases the components are no longer manufactured or the manufacturer has gone out of business. In some cases only 2nd party factory rebuilt parts are available via special order thereby increasing maintenance costs.

**Program Re-location?** No

**Phased Project?** Yes

The upgrades to the facility will be completed in phases over a number of bienniums. Renovate Reynolds Building, Phase 2 will be in the 2012-2014 biennium and Renovate Reynolds Building, Phase 3 will be in the 2014-2016 biennium.

**Eliminate the need for other proposed projects?** No

**Need eliminated by other proposed project(s)?** No

**Additional Description/Justification**

**DESCRIPTION:**

This project will renovate the Reynolds Building and will be completed in phases. The work will include 56,000 square feet of space including, but not limited to, electrical upgrade, ventilation, HVAC, new restrooms and a reconfiguration of the studio spaces. Safety, handicap accessibility and indoor air quality issues are project priorities. This project also addresses deferred maintenance needs and quality of the learning environment.

Reconfiguration is needed on the top two floors as well as a new interior floor plan. Lighting needs upgrading to code on the top two floors. The walls and floors need complete replacement in the Barnhardt Gallery. The electrical system in the entire building should be upgraded to code. The walls and ceilings need to be painted and the ventilation systems need to be upgraded to code. Air conditioning must be added, heat and ventilation systems need upgraded to code for two floors. Safety, handicap access and indoor air quality must be addressed. A new elevator with handicap access

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is needed. The interior and exterior doors need locks and plumbing needs to be upgraded to code. New restroom facilities on each floor and sinks in classrooms and studios need to be installed to code. The exterior of the building needs windows replaced, new lighting and handicap accessibility.

**STUDY:**

A study was completed in 2005 by the consulting firm of Ayers Saint Gross. The study evaluated the spaces, structural components, building envelope, and mechanical systems. Scenarios were developed and recommendations made on the continued use for the College of Fine Arts. Cost estimates were also developed.

**JUSTIFICATION:**

The Reynolds Building is an old tobacco processing facility constructed by R.J. Reynolds Tobacco Company, and many years later acquired by UK. The building has never been renovated. The ventilation electrical, lighting, restrooms, and flooring are all similar to that of an old tobacco warehouse. Yet the primary use of the building is class labs for art instruction and hands on learning. Improvements are needed for safety, handicapped access, and indoor air quality.

Over the last several years the number of students and faculty using the Reynolds Building has vastly increased. All art studio programs are in the building. Increased use has increased wear on the facility. Spaces and utilities have been added in a haphazard way as needed.

In 2005, the University outlined the needed proposed growth in its Top 20 Business Plan. The Plan calls for growth in virtually all areas of the University including enrollment. These proposed key growth areas will require the University to upgrade facilities to provide quality teaching space. UK's recent success in improving its national rankings is a result of the vision of the Business Plan and focus on attaining Top 20 status. The Business Plan calls for the recruitment of the best and brightest students. To recruit the best, the University must offer state-of-the-art facilities.

As enrollment at the University continues to grow, the positive impact on the State's economic development will continue to grow as well. With each new student, the state's economy grows including the number of jobs and personal income. This growth will benefit both the local and state economy along with the increased tax base and state revenues.

The project is consistent with the statewide strategic plan as documented in the 2020 vision Statement for Postsecondary Education. It will serve to cultivate innovative knowledge and technology through advanced research in an integrated network of high-performance learning organizations and will assist in preparing an educated workforce for the modern workplace. It will provide a richer array of education, training, and research which will assist the University of Kentucky in meeting the state goal of becoming a Top 20 public research university.

<b>Previous CAPITAL PLANS?</b>	<b>Yes</b>
2008-2014	Renovate Reynolds Building, Phase 1
2006-2012	Renovate Reynolds Building
2004-2010	Renovate Reynolds Building

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Differences between the current and most recent previous project? No

Previous BUDGET REQUESTS? Yes

2008-2010 Renovate Reynolds Building, Phase 1  
2006-2008 Renovate Reynolds Building - Design  
2004-2006 Renovate Reynolds Building

Differences between the current and most recent previous project? No

Previous BUDGET AUTHORIZATIONS? Yes

2008-2010 Renovate Reynolds Building, Phase 1  
2006-2008 Renovate Reynolds Building - Design  
2004-2006 Renovate Reynolds Building

Most recent authorization undertaken? No

No funds available.

Differences between the current and most recent previous project? No

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**Branch:** Executive Branch  
**Cabinet/Function:** Cabinet for Postsecondary Education  
**Agency/Institution:** University of Kentucky-University System

**Project Title** Expand KGS Well Sample & Core Repository  
**Category** Construction - Other  
**Biennium** 2010-2012  
**Location (county)** Fayette  
**Location (ADD)** Bluegrass ADD  
**Appropriation Unit** 455U

**Additional Funding?** No

**Brief Description/Justification:**

The project will construct 36,000 gross square feet of additional space and complete the laboratory facilities, loading dock, office space, and extend the entrance drive. This project will bring the space requirements up to approximately the total space needs requested in the initial building design by adding an extension to the facility and the necessary perimeter paving.

**PROJECT BUDGET**

<u>Fund Sources</u>	<u>Amount</u>	<u>Cost Elements</u>	<u>Amount</u>
General Fund		Land Acquisition	
Restricted Funds	5,280,000	Site Survey/Prep	56,000
Federal Funds		Project Design	387,000
Road Fund		Construction Cost	3,988,000
Agency Bonds		Mov. Equip/Furn.	264,000
Other(Private - Cash)		Contingency	585,000
Other(LT Financing)		Other(specify)	
Other(Local Bonds)			
<b>Total</b>	<b>5,280,000</b>	<b>Total</b>	<b>5,280,000</b>

**Explanation of Project Budget**

UK Capital Project Management Division estimated the project scope using the average of bids of multiple past similar University and/or other similar higher education facility building projects brought forward in time using the average of four historical inflation cost indexes to current dollars, then escalated forward in time based upon the current construction inflation rate to the estimated bid date.

**IMPACT ON OPERATING BUDGET? Yes**

<u>Fund Sources</u>	<u>Amount</u>
General Fund	171,000
<b>Total</b>	<b>171,000</b>

**Explanation of Impact on Operating Budget**

Personnel \$ 42,000  
 Operating \$113,000  
 Non-recurring \$ 20,000

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PROJECT DETAIL

Installation(Name and ID) Provost - 80000  
Facility(Name and Stars #) KGS Core Library - 30180013  
Method of Procurement Purchase  
Fuel Type Other  
Heating by Gas and Cooling by Electricity  
Type of Space Educational and General  
Completion Date 06/2012

Existing Facility? Yes

This project is the expansion of the KGS Well Repository built in 1996. Funds were not available to complete the entire space required, so the building was planned in two phases.

In 1990, KRS 151.036 was enacted which mandated that KGS establish a repository for all ground-water data gathered in the state. This project will increase the current repository for oil and gas drill records and well samples.

Program Re-location? No

Phased Project? Yes

Phase I of this project was completed in 1996. This is phase II and is being proposed in 2010-2012 biennium.

Eliminate the need for other proposed projects? No

Need eliminated by other proposed project(s)? No

Additional Description/Justification

The major objective of the Kentucky Geological Survey Well Sample and Core Repository is to provide a central storage and research facility for all samples and cores obtained from exploratory drilling for oil, gas, coal lignite, tar sand, oil shale, barite, lead, zinc, fluorspar, limestone, and any other minerals discovered in the future to be present in the subsurface in Kentucky. In 1996 a new KGS Core and Sample Repository was built on Research Park Drive off Iron Works Pike. Due to lack of funds at the time of construction, the facility was not built large enough to house all of the current KGS holdings, nor was there space for new acquisitions, which KGS is required by statute to collect and make available to the public. Laboratory space at the current time is "roughed in" but was never finished. Currently the building is not large enough to house all samples acquired by KGS. Many samples are stored on pallets in aisles making them and many of the samples on the shelves virtually inaccessible. Some samples are also being stored outdoors or held by industry at various off-campus locations. Since the primary purpose of the facility is to make these cores and samples accessible to researchers, industry, and the public, this defeats the purpose, but is unavoidable.

The KGS Core and Sample Repository currently has the following square footage:  
Research 5,000 sf

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Warehouse           43,000 sf  
Total Gross           48,000 sf

KGS is the mandated state agency for carrying out geological and mineralogical studies throughout the state. In 1960, KGS was designated as the official repository for oil and gas drilling records and well samples, and in 1990 KRS 151.035 was enacted which mandated that KGS establish a repository for all ground-water data gathered in the state. In addition to collecting rock cores and well cuttings from oil and gas and groundwater-related exploration, KGS also makes a concerted effort to collect valuable samples from other mineral exploration efforts. These samples are critical for future economic development by the mineral industries in Kentucky. KGS also stores cores and sample from geotechnical exploration for building on the UK campus.

This project increases the square footage for storage of core samples that was part of the original building request, as well as the completion of the laboratory facilities, loading dock, office space, and extension of the entrance drive at the KGS Well Sample and Core Repository that currently sits on Research Park Drive off Iron Works Pike. These facilities do not duplicate anything available on the University of Kentucky campus or elsewhere in the state. This request will bring the space requirements up to approximately the total space needs requested in the initial building design by adding an extension to the facility and the necessary perimeter paving.

This project is consistent with the statewide strategic plan as documented in the 2020 Vision statement for Postsecondary Education. It will serve to cultivate innovative knowledge and technology through advanced research in an integrated network of high-performance learning organizations and will assist in preparing an educated workforce for the modern workplace. It will provide a rich array of education, training and research will assist the University of Kentucky in meeting the state goal of becoming a major comprehensive research institution ranked nationally among the top twenty public universities.

**Previous CAPITAL PLANS?**           Yes  
2008-2014   Expand KGS Well Sample & Core Repository  
2006-2012   Expand KGS Well Sample & Core Repository  
2004-2010   Expand KGS Well Sample & Core Repository  
2002-2008   Expand KGS Well Sample & Core Repository  
1998-2004   KGS Well Sample & Core Repository Expansion

**Differences between the current and most recent previous project?**           No

**Previous BUDGET REQUESTS?**           Yes  
2008-2010   Expand KGS Well Sample & Core Repository  
2006-2008   Expand KGS Well Sample & Core Repository  
2004-2006   Expand KGS Well Sample & Core Repository

**Differences between the current and most recent previous project?**           No

**Previous BUDGET AUTHORIZATIONS?**           Yes  
2008-2010   Expand KGS Well Sample & Core Repository  
2006-2008   Expand KGS Well Sample & core Repository

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2004-2006 Expand KGS Well Sample & Core Repository

Most recent authorization undertaken? No

No funds available.

Differences between the current and most recent previous project? No



**\*\*\*Preliminary Draft\*\*\***  
**2012-2018 Capital Plan Project List**

<b>Provost Area Capital Projects</b>							<b>11/16/2010</b>
<b>Item #</b>	<b>New or Carryforward Project from 10-16 Capital Plan</b>	<b>Biennium</b>	<b>Area-College-Unit</b>	<b>Proposed Project Name</b>	<b>Type*</b>	<b>Preliminary Total Scope</b>	<b>Fund Type**</b>
1	Carryforward	BY12-14	Provost	Construct Science Research Building 2	NR	\$205,880,000	SB
2	Carryforward	BY12-14	B&E	Construct Gatton Building Complex	NA	\$142,460,000	SB & P
3	Carryforward	BY12-14	Research	Research Equipment Replacement Program		\$30,000,000	SB
4	Carryforward	BY12-14	A&S	Renov Old Pharmacy Bldg	RR	\$40,165,000	RF
5	New	BY12-14	Engineering	Renovate Robotics Building	RR	\$3,600,000	RF
6	Carryforward	BY12-14	Engineering	Lease/Purchase Digital Village Building 3	NR	\$24,180,000	RF
7	Carryforward	BY12-14	Research	Upgrade-Renovate-Improve or Expand Research Labs	RR	\$33,500,000	RF
8	Carryforward	BY12-14	Libraries	Renovate King Library South-1962 Section-Phase 2	AR	\$3,600,000	RF
9	Carryforward	BY12-14	AG	Construct Equine Campus	NA	\$11,250,000	P
10	Carryforward	BY12-14	Libraries	Construct Library Depository Facility	NA	\$7,625,000	RF
11	Carryforward	BY12-14	Provost	Renovate Space in McVey Hall	AR	\$4,900,000	RF
12	Carryforward	BY12-14	Dentistry	Renovate Dentistry Space in Ky Clinic	AR	\$4,000,000	RF
13	Carryforward	BY12-14	Design	Expand Pence Hall	NA	\$38,228,000	RF
14	Carryforward	BY12-14	Fine Arts	Renovate Reynolds Building	AR	\$17,000,000	RF
15	Carryforward	BY12-14	Research	Expand KGS Well Sample and Core Repository	NR	\$5,280,000	RF
16	Carryforward	BY12-14	Engineering	Renovate Whalen Building	RR	\$5,760,000	RF
17	Carryforward	BY12-14	AG	Expand & Renovate W. KY & Robinson Station	O	\$9,835,000	RF
18	Carryforward	BY12-14	Provost	Renovate Old Northside Library Building	AR	3,500,000	RF
19	Carryforward	BY12-14	Provost	Renovate Sections of Funkhouser Building, Phase 1	AR	\$6,425,000	RF
20	Carryforward	BY12-14	Dentistry	Renovate Clinic Space in the Dentistry Building	AR	\$2,000,000	AB
21	Carryforward	BY12-14	A&S	Renovate Slone Building, Phase 1	AR	\$5,445,000	RF
22	Carryforward	BY12-14	Provost	Renovate Space in the Chem/Physics Building	AR	\$1,000,000	RF
23	Carryforward	BY12-14	Provost	Renovate Mineral Industries Building	AR	\$4,900,000	RF
24	Carryforward	BY12-14	Provost	Renovate Erikson Hall	AR	\$12,000,000	RF
25	Carryforward	BY12-14	Fine Arts	Renovate the Schmidt Vocal Arts Center	AR	\$1,500,000	RF
26	Carryforward	BY12-14	Student Affairs	Upgrade Student Center Infrastructure	AR	\$17,805,000	RF
27	Carryforward	BY12-14	Research	Renov/Expand DLAR Quarantine Facility Spindletop	RR & NR	\$3,750,000	RF
28	Carryforward	BY12-14	Dentistry	Renovate Dentistry Class Lab	AR	\$3,265,000	RF
29	Carryforward	BY12-14	Student Affairs	Design Student Center Expansion/Renovation	AR & NA	\$6,535,000	RF
30	Carryforward	BY12-14	Student Affairs	Renovate Memorial Hall	AR	\$1,500,000	RF

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31	Carryforward	BY12-14	Education	Convert Taylor Ed.Space to Offices & Classrooms	AR	\$5,875,000	RF
32	Carryforward	BY12-14	Research	Renovate the Central DLAR Facility	RR	\$2,680,000	RF
33	Carryforward	BY12-14	Provost	Relocate Greenhouses	AR	\$9,310,000	RF
34	New	BY12-14	Student Affairs	Install Artificial Turf on Pieratt Recreational Fields	AR	\$2,670,000	RF & P
35						<b>\$677,423,000</b>	
36							
37	Carryforward	BY14-16	Law	Construct Law School Building	NA	\$123,135,000	SB & P
38	Carryforward	BY14-16	Provost	Construct Science Research Building 3	NR	\$225,470,000	SB
39	Carryforward	BY14-16	Provost	Construct Academic Science Building	NA	\$144,795,000	SB
40	Carryforward	BY14-16	Provost	Construct Office/Lecture Building	NA	\$30,685,000	SB
41	Carryforward	BY14-16	Provost	Upgrade-Renovate-Improve or Expand Research Labs	RR	\$33,500,000	RF
42	Carryforward	BY14-16	Provost	Construct Classroom & Class Lab Building	NA	\$40,370,000	SB
43	Carryforward	BY14-16	Student Affairs	Renovate/Expand University Student Ctr, Phase 1	AR & NA	\$53,053,000	AB
44	Carryforward	BY14-16	Student Affairs	Renovate Alumni Gym	AR	\$12,485,000	AB
45	Carryforward	BY14-16	Engineering	Lease/Purchase Digital Village Building 4	NR	\$26,395,000	SB
46	Carryforward	BY14-16	Public Health	Renovate College of Public Health	AR	\$6,410,000	RF
47	Carryforward	BY14-16	A&S	Construct Psychology Building	NA	\$41,420,000	SB
48	Carryforward	BY14-16	AG	Construct Environmental & Natural Sci Facility	NR	\$64,000,000	SB
49	Carryforward	BY14-16	Provost	Renovate Sections of Funkhouser, Phase 2	AR	\$5,450,000	SB
50	Carryforward	BY14-16	Provost	Design Library/Knowledge Center	NA	\$22,220,000	SB
51	Carryforward	BY14-16	Dentistry	Renovate Dentistry Clinic in the Ky Clinic	AR	\$7,615,000	AB
52	Carryforward	BY14-16	Engineering	Renovate Paul Anderson Tower	AR	\$23,000,000	RF
53	Carryforward	BY14-16	Student Affairs	Renovate Complex Commons Dining Area	AR	\$12,825,000	AB
54	Carryforward	BY14-16	Provost	Renovate Teaching Space in Kastle Hall	AR	\$1,125,000	RF
55	Carryforward	BY14-16	Education	Renovate Education Space in Seaton Center	AR	\$4,000,000	RF
56	Carryforward	BY14-16	AG	Renovate Cooper House	AR	\$1,970,000	RF
57	Carryforward	BY14-16	AG	Construct Human Sciences Building	NA	\$64,725,000	SB
58	Carryforward	BY14-16	A&S	Renovate Slone Building, Phase 2	AR	\$5,445,000	RF
59	Carryforward	BY14-16	Provost	Renovate Miller Hall Space	AR	\$2,475,000	RF
60	Carryforward	BY14-16	Fine Arts	Upgrade Sound System for the Singletary Center	AR	\$1,090,000	RF
61	Carryforward	BY14-16	A&S	Expand & Renovate Lafferty Hall	AR & NA	\$9,250,000	RF
62	Carryforward	BY14-16	International Affairs	Renovate Bradley Hall	AR	\$9,500,000	SB
63	Carryforward	BY14-16	Provost	Renovate B & E Building	AR	\$11,470,000	RF

**\*\*\*Preliminary Draft\*\*\*  
2012-2018 Capital Plan Project List**

64	Carryforward	BY14-16	Student Affairs	Construct Campus Dining Facility, Design Only	AR	\$4,000,000	RF	
65	Carryforward	BY14-16	Provost	Expand/Renovate Art Museum in Singletary Center	AR & NA	\$33,000,000	SB	
66						<b>\$1,020,878,000</b>		
67								
68	Carryforward	BY16-18	Provost	Construct Science Reserarch Building 4	NR	\$171,800,000	SB	
69	Carryforward	BY16-18	Provost	Construct Library/Knowledge Center	NA	\$207,600,000	SB	
70	Carryforward	BY16-18	Medicine	Constrect College of Medicine Academic Building	NA	\$129,200,000	SB	
71	Carryforward	BY16-18	Provost	Upgrade-Renovate-Improve or Expand Research Labs	RR	\$35,000,000	RF	
72	Carryforward	BY16-18	Provost	Renovate Law Building	AR	\$8,500,000	RF	
73	Carryforward	BY16-18	Education	Expand/Renovate Taylor Education Bldg & Dickey Hall	AR & NA	\$70,940,000	SB	
74	Carryforward	BY16-18	Dentistry	Expand Dentistry Faculty Practice	AR	\$3,375,000	AB	
75	Carryforward	BY16-18	CIS	Expand College of Comm & Information Studies	NA	\$26,365,000	SB	
76	Carryforward	BY16-18	Libraries	Renovate King Library South-1930 Section	AR	\$30,485,000	SB	
77	Carryforward	BY16-18	Fine Arts	Construct School of Music Building	NA	\$101,875,000	SB	
78	Carryforward	BY16-18	Provost	Constrcut University Conference Center	O	\$28,596,000	RF	
79	Carryforward	BY16-18	Student Affairs	Construct Campus Dining Facility, Construction Phase	NA	\$36,840,000	AB	
80						<b>\$850,576,000</b>		
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90	J/2012-2018 capital plan/provost area-faculty senate list							

<p><b>*Type (Project Type): Generally for use by PROVOST area:</b></p> <p>NA = New Academic  NR = New Research  AR = Academic Renovation  RR = Research Renovation  O = Outreach Facility  A = Athletics  IT = Information Technology</p>	<p><b>**Fund Type(Possible Source):</b></p> <p>SB=State Bond  AB=Agency Bond  RF=Restricted Funds  P=Private  F=Federal  O-3rd Party Financing</p>
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