

**UNIVERSITY OF KENTUCKY**

**Projects involving the General Fund (Cash or Bonds)\***

<u>Agency Priority - Project Title / Description</u>	<u>Total Budget</u>
<p><b>1 Construct Science Research Building 2.....</b></p> <p>This 191,000 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 in general and the holders of Bucks for Brains chairs and professorships in particular. (C-O)</p>	<p><b>\$130,000,000</b></p>
<p><b>2 Construct Gatton Building Complex.....</b></p> <p>(GF - \$75,000,000; OT-P - \$25,000,000)</p> <p>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 facility 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 and providing professional and continuing education outreach that ensure that Kentucky's business leaders stay current on emerging business issues and innovative management concepts. (C-O)</p>	<p><b>\$100,000,000</b></p>
<p><b>3 Research Equipment Replacement Program.....</b></p> <p>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, education, and economic development. (EQ)</p>	<p><b>\$30,000,000</b></p>
<p><b>4 Improve Life Safety, Project Pool 1.....</b></p> <p>This project will: 1) involve various types of measures in existing buildings including modifications to spaces, equipment or building systems; 2) provide a pool for asbestos testing, minor abatement and repair, and for a prioritized list of major asbestos removal projects; 3) correct indoor air quality (IAQ) problems associated with fresh air intakes; 4) upgrade the fume hoods, ventilation system, an necessary upgrades to the supply air systems to support fume hood upgrades to modern standards. The work will include upgrades to the air handling units (AHU), replacement of the temperature and volume controls, upgrade AHU mixing plenums and dampers, and installation of variable speed controls for the fan motors. 5) This project will involve various types of measures including modifications to spaces, equipment or building systems, and materials including ventilation improvements in chemical areas; and 6) materials for the purpose of minimizing risks to human health and safety. (C-PI)</p>	<p><b>\$12,760,000</b></p>
<p><b>5 Repair-Upgrade-Improve Electrical Infrastructure .....</b></p> <p>This project will repair, upgrade and, as necessary, expand the campus electrical utility infrastructure. Infrastructure items to be addressed include: main electrical circuits from sub-stations, emergency generators, campus lighting and communication lines. This project is needed to support the University's Top 20 Business Plan goal of expanding student enrollment, faculty and research by providing services in existing and future facilities. (C-PI)</p>	<p><b>\$25,000,000</b></p>
<p><b>6 Repair-Upgrade-Improve Mechanical Infrastructure.....</b></p> <p>This project will repair, upgrade and, as necessary, expand the campus mechanical utility infrastructure. Infrastructure items to be addressed include: chilled water lines, steam lines,</p>	<p><b>\$22,800,000</b></p>

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Total Budget

sanitary, storm, water and gas lines. This project is needed to support the University's Top 20 Business Plan goal of expanding student enrollment, faculty and research by providing services in existing and future facilities. (C-PI)

**7 Expand and Upgrade Livestock Disease Diagnostic Center Phase 2 ..... \$20,000,000**

This 22,600 gross square foot project is an addition and upgrade to the existing Livestock Disease Diagnostic Center (LDDC). Additional space is needed to meet the ever increasing demands of Kentucky's agriculture and horse-racing industries for disease diagnosis and research that safeguards the animal population. New space is needed for necropsy rooms for animal postmortem examinations, laboratory space for molecular biology procedures, and state-of-the-art biosecurity. This phase includes funding for expanded carcass disposal through a combination of expanded incineration/digestion and funding for a pretreatment plant for effluent from the alkaline hydrolysis digester to comply with the sanitary sewer districts requirements. The construction of the addition and pretreatment facilities will require updating or replacing of all major building infrastructure systems including mechanical, electrical, plumbing and fire alarm systems. Additionally there is the need to update items in the existing facility required by the Kentucky Building Code including ADA compliance; and to meet biosecurity requirements as mandated by the federally enacted Homeland Security Act. (C-O)

**8 Repair-Upgrade-Improve Building Mechanical Systems ..... \$20,000,000**

This project will repair, upgrade and improve existing building mechanical systems that have exceeded their useful life, need to be upgraded to meet current building code requirements, or need to be upgraded due to current capacity having been exceeded by building occupant load. Systems include HVAC ductwork, air handling units, fume hoods, building controls and plumbing systems. This project is needed to support the University's Top 20 Business Plan goal of expanding student enrollment and faculty by providing services in existing facilities. (C-PI)

**9 Repair-Upgrade-Improve Building Shell Systems ..... \$5,000,000**

This project will repair, upgrade and improve existing building systems that have exceeded their useful life, need to be upgraded to meet current building code requirements, or need to be upgraded due to current capacity having been exceeded by building occupant load. Systems include exterior enclosures (walls, roofs & windows) doors, door hardware and interior finishes. This project is needed to support the University's Top 20 Business Plan goal of expanding student enrollment, faculty and research by providing services in existing facilities. (C-PI)

**10 Repair-Upgrade-Improve Building Electrical Systems ..... \$3,745,000**

This project will repair, upgrade and improve existing building electrical systems that have exceeded their useful life, need to be upgraded to meet current building code requirements, or need to be upgraded due to current capacity having been exceeded by building occupant load. Systems include electrical, fire alarm and communications. This project is needed to support the University's Top 20 Business Plan goal of expanding student enrollment and faculty by providing services in existing facilities. (C-PI)

**11 Repair-Upgrade-Improve Building Elevator Systems ..... \$2,540,000**

This project will repair, upgrade and improve existing building elevator systems that have exceeded their useful life, need to be upgraded to meet current building code requirements, or need to be upgraded due to current capacity having been exceeded by building occupant load. Systems include elevators and dumbwaiters. This project is needed to support the University's Top 20 Business Plan goal of expanding student enrollment and faculty by providing services in existing facilities. (C-PI)

Agency Priority - Project Title / Description

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- 12 Repair-Upgrade-Improve Civil/Site Infrastructure ..... \$2,200,000**  
This project will repair, upgrade and, as necessary, expand the campus Civil/Site infrastructure. Infrastructure items to be addressed include: Roads, sidewalks, plaza's, landscaping, surface parking lots, sinkholes and signage. This project is needed to support the University's Top 20 Business Plan goal of expanding student enrollment, faculty and research by providing services in existing and future facilities. (C-PI)
- 13 Lease-Purchase Pollution Controls ..... \$19,530,000**  
Replacement and upgrading of anti-pollution controls / equipment at the Central Heating Plant #2 and at the Medical Center Heating & Cooling Plant #1. New controls will allow burning of coal as the University's main source of heating in an efficient and effective manner. (C-PI)
- 14 Capital Renewal Maintenance Pool..... \$30,000,000**  
This project is to establish a pool of funds for 1)needed maintenance projects not funded in the operating budget and therefore deferred to a future period; and 2)facility systems that have failed and that have not exceeded 90 percent of their life expectance. (C-PI)

**2010-2012**

**Capital Renewal Maintenance Pool..... \$30,000,000**  
This project is to establish a pool of funds for 1) needed maintenance projects not funded in the operating budget and therefore deferred to a future period; and 2) facility systems that have failed and that have not exceeded 90 percent of their life expectance. (C-PI)

**Construct Academic Science Building ..... \$110,300,000**  
This project will construct an undergraduate multi-disciplinary, multi-function science facility. The facility will be 194,000 gross square feet and located near the campus core in the vicinity of the Chemistry/Physics Building and the Hunt Morgan Building. Disciplines sharing the facility include Chemistry, Physics, Nutrition, Psychology, Earth and Environmental Sciences, Biomedical Engineering, and Materials Engineering. This multi-use facility will house classrooms, lecture halls, science based class labs, research labs, research support, faculty offices, student study areas, and computer labs and other student support spaces. The facility will serve several purposes related to UK's efforts to become a Top 20 institution, including classrooms and laboratories to accommodate substantial enrollment and faculty growth, state-of-the-art teaching and learning space, and an expanded research infrastructure for faculty in science-based disciplines, including Bucks for Brains chairs and professors. The new facility also will be important to UK's and Kentucky's efforts to train more scientists and engineers to meet the needs of the knowledge economy. (C-O)

**Construct Classroom & Class Lab Building ..... \$27,500,000**  
This project will construct a new multi-purpose classroom and class lab facility. The 60,000 gsf (36,000 nsf) facility will be equipped with the latest technology in teaching equipment and will house classrooms, class labs and teaching support spaces. The support spaces will include offices, office support, and equipment storage. This project is necessary to meet the instructional demands of the expanding enrollment per the University's Top 20 Business Plan. It is projected that by the time this space is ready, undergraduate enrollment will have grown by an additional 2,000 students and graduate enrollment will have grown by an additional 400 students. (C-O)

**Construct College of Medicine Academic Building..... \$97,970,000**  
This project is the construction of the College of Medicine Academic Building. The facility will be approximately 190,000 gross square feet (114,000 net square feet) and consist of classrooms, class labs, offices, student support spaces, and building support spaces. It is

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planned to be located in the new Academic Medical Campus. The site is west of South Limestone and adjacent to the Pharmacy Building (currently under construction), and proposed Library/Knowledge Center. The facility is consistent with the recently completed study by Ellerbe Becket consultants that determined the need to co-locate the health colleges in response to aging facilities, changes in healthcare delivery, and the needed changes in medical education pedagogies. (C-O)

**Construct Center Disability Research & Training ..... \$19,080,000**

This project provides for the construction of a new building for the Center for Disability Research and Training (CDRT). The facility will be approximately 45,000 gross square feet (27,000 net square feet) and will house the Interdisciplinary Human Development Institute (IHDI). The facility will include training rooms, offices, computational dry labs, technical assistance clinics, office support spaces, and building support spaces.

IHDI is fragmented in three (3) separate Lexington locations. Collaboration and operational efficiencies are hampered. Their demonstrated success of service to the Commonwealth's adults and children with disabilities is a clear indicator of continuing growth. Adequate and centralized space is needed. The building will be constructed either on main campus or in the Coldstream Research Park. (C-O)

**Construct Environmental & Natural Science Facility ..... \$58,841,000**

This project will construct an approximately 83,000 gsf Environmental & Natural Resource Science Facility. Expanded environmental sciences research, instruction and public service will be a major contributor to economic expansion in the Commonwealth. The new Plant Science Building accommodates most, of the plant, soil and environmental science research in the College of Agriculture. This project will complete the Agricultural Plant Science complex to include all plant science research including research greenhouses that provide purified air for growing transgenic plants. It will also permit all natural resources programs to be consolidated into one building. (C-O)

**Construct Human Sciences Building ..... \$52,570,000**

Teaching, research and outreach through Cooperative Extension Service will be enhanced by construction of the Human Sciences Building. The building will provide 70,500 net square feet of space for School of Human Environmental Sciences (HES), Family and Consumer Sciences Extension (FCS), Department of Community and Leadership Development and 4-H Youth Development. This building will contain state-of-the-art classrooms, class laboratories, research laboratories, offices, study spaces, counseling space for clinical functions and support space.

Economic development is key to a positive future for the Commonwealth of Kentucky. HES, FCS, Department of Community and Leadership Development (CLD) and 4-H Youth Development are key elements to economic development. Facilities in Erikson Hall, Funkhouser Building and Scovell Hall are both limited and inadequate for HES, FCS and 4-H education, research and extension programs. CLD needs to be located in the new building with the other social sciences programs which collectively form the core called human sciences. (C-O)

**Construct Law School Building ..... \$83,300,000**

(GF - \$68,300,000; OT-P - \$15,000,000)

The current College of Law building is quantitatively and qualitatively insufficient to support the College's educational program; its services to the Commonwealth's bench, bar, and citizens; its efforts to become a top twenty public law school; and to maintain its accreditation. The proposed facility is 156,791 gross square feet. The project will enhance the

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Commonwealth's economic development and quality of life and to preserve the College's accreditation. To these ends, the building will provide additional and reconfigured classrooms, teaching technology, and study spaces to support modern teaching techniques, collaborative learning, distance education, and a comprehensive and cutting edge law school curriculum. Also to these ends, the building will alleviate the College's critical current and future needs for a single integrated facility housing the College's faculty, library, legal clinic, student activities, outreach programs, and administration. (C-O)

**Construct Office/Lecture Building ..... \$25,000,000**

This project will construct a new facility for offices, classrooms, & lecture halls. The facility will be approximately 51,250 gross square feet (30,750 net square feet). Offices will be assigned to faculty, staff, research assistants, teaching assistants, and graduate assistants. The facility will have several large lecture halls and small breakout/classrooms, as will be needed with pedagogies used with large enrollments. This facility is necessary to accommodate the additional faculty and instruction spaces required by enrollment expansion. (C-O)

**Construct Psychology Building ..... \$36,725,000**

This project will construct a 72,000 gross square feet Psychology Building. The facility will contain classrooms, class labs, offices, research space, and support space. (C-O)

**Construct Science Research Building 3..... \$207,000,000**

This project will construct the next research building. The multi-disciplinary facility will be approximately 285,000 gross square feet science research facility with 157,000 net assignable square feet of wet research laboratories, lab support spaces, computational dry labs, vivarium, and support space. The research conducted in this facility will be multidisciplinary with an emphasis on the life sciences. This new facility is essential to 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. The University cannot recruit and retain world-class faculty in general and the holders of Bucks for Brains chairs and professorships in particular without providing competitive research space. According to the Council on Postsecondary Education, the University's deficit of research space already exceeds 300,000 assignable square feet. That figure does not include projected increases in research productivity in the future. (C-O)

**Design Library/Knowledge Center ..... \$20,400,000**

This project is the design phase for the Library/Knowledge Center. The construction phase is planned for the 2012-2014 biennium. The project will construct a new 273,000 gross square feet (170,000 net square feet) academic resource center in the planned Academic Medical Campus. The site is west of South Limestone and adjacent to the Pharmacy Building currently under construction. The facility will include classrooms, class labs, offices, recreation space, food service, study space, library, exercise space, student lounges, and building support spaces. The facility is consistent with the recently completed study by Ellerbe Becket, consultants.

This project is part of the newly planned Academic Medical Campus and will support the balance of the planned campus. It is the center piece or icon for the new medical campus. Currently, the new Pharmacy Building is under construction and will be the first facility built in the new campus. Over time, the remaining Medical Center colleges will construct new facilities on the new campus and the Library/Knowledge Center will be the shared support facility for all health care students. Health care delivery has changed drastically and now requires teams of the different health professions working together. Current facilities and training do not reflect the new delivery model and several college buildings are nearing the point of replacement. (C-O)

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Total Budget

**Expand/Renovate Art Museum in Singletary Center ..... \$27,765,000**

This project will renovate and expand the existing Art Museum in the Singletary Center For The Arts (SCFA). To create increased space for galleries, storage, offices, workroom, classrooms, café, reception and shop areas, with museum-standard HVAC and parking to accommodate a growing program that serves both the University and the community. Since the Museum was built in 1979, its programs, collection, and audience have tripled. (C-O)

**Improve Life Safety, Project Pool 2..... \$1,402,000**

This project will involve various types of measures in existing buildings including modifications to spaces, equipment or building systems, and materials for the purpose of minimizing risks to human health and safety. (C-PI)

**Renovate Bradley Hall ..... \$8,720,000**

This project will renovate Bradley Hall to better serve students, staff and international visitors. The building is not ADA accessible and needs an elevator, sprinklers, storm windows, new heating and air conditioning system, and removal of asbestos tile from hallways. (C-PI)

**Renovate Old Pharmacy Building for Biology ..... \$35,289,000**

This project will renovate the old Pharmacy Building for the Department of Biology, as well as improve ventilation systems. The new Pharmacy Building will be complete in 2010. The College of Pharmacy will vacate the current facility making way for the planned occupancy by the Department of Biology. As a result of the increased enrollment and growing research, the Department of Biology needs space beyond its current building. Biology enrollment has increased due to the overall enrollment increases, interest in the life sciences, and the fact that biology is a pre-requisite for other areas of study. (C-PI)

**Renovate Sections of Funkhouser, Phase 1 ..... \$10,000,000**

This project will renovate sections of the Funkhouser Building into a centralized student services facility that will provide students and their guardians with one-stop shopping for all of their service needs. This will also provide new opportunities for the University to improve enrollment procedures, while minimizing the staffing needed for these operations. (C-PI)

**Repair-Upgrade-Improve Building Electrical Systems ..... \$4,000,000**

This project will repair, upgrade and improve existing building electrical systems that have exceeded their useful life, need to be upgraded to meet current building code requirements, or need to be upgraded due to current capacity having been exceeded by building occupant load. Systems include electrical, fire alarm and communications. This project is needed to support the University's Top 20 Business Plan goal of expanding student enrollment and faculty by providing services in existing facilities. (C-PI)

**Repair-Upgrade-Improve Building Elevator Systems ..... \$2,500,000**

This project will repair, upgrade and improve existing building elevator systems that have exceeded their useful life, need to be upgraded to meet current building code requirements, or need to be upgraded due to current capacity having been exceeded by building occupant load. Systems include elevators and dumbwaiters. This project is needed to support the University's Top 20 Business Plan goal of expanding student enrollment and faculty by providing services in existing facilities. (C-PI)

**Repair-Upgrade-Improve Building Mechanical Systems ..... \$20,000,000**

This project will repair, upgrade and improve existing building mechanical systems that have exceeded their useful life, need to be upgraded to meet current building code requirements, or need to be upgraded due to current capacity having been exceeded by building occupant load. Systems include HVAC ductwork, air handling units, fume hoods, building controls and plumbing systems. This project is needed to support the University's Top 20 Business Plan

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Total Budget

goal of expanding student enrollment and faculty by providing services in existing facilities. (C-PI)

**Repair-Upgrade-Improve Building Shell Systems..... \$5,000,000**

This project will repair, upgrade and improve existing building systems that have exceeded their useful life, need to be upgraded to meet current building code requirements, or need to be upgraded due to current capacity having been exceeded by building occupant load. Systems include exterior enclosures (walls, roofs & windows) doors, door hardware and interior finishes. This project is needed to support the University's Top 20 Business Plan goal of expanding student enrollment, faculty and research by providing services in existing facilities. (C-PI)

**Repair-Upgrade-Improve Civil/Site Infrastructure ..... \$2,200,000**

This project will repair, upgrade and, as necessary, expand the campus Civil/Site infrastructure. Infrastructure items to be addressed include: Roads, sidewalks, plaza's, landscaping, surface parking lots, sinkholes and signage. This project is needed to support the University's Top 20 Business Plan goal of expanding student enrollment, faculty and research by providing services in existing and future facilities. (C-PI)

**Repair-Upgrade-Improve Electrical Infrastructure ..... \$25,000,000**

This project will repair, upgrade and, as necessary, expand the campus electrical utility infrastructure. Infrastructure items to be addressed include: main electrical circuits from sub-stations, emergency generators, campus lighting and communication lines. This project is needed to support the University's Top 20 Business Plan goal of expanding student enrollment, faculty and research by providing services in existing and future facilities. (C-PI)

**Repair-Upgrade-Improve Mechanical Infrastructure..... \$22,800,000**

This project will repair, upgrade and, as necessary, expand the campus mechanical utility infrastructure. Infrastructure items to be addressed include: chilled water lines, steam lines, sanitary, storm, water and gas lines. This project is needed to support the University's Top 20 Business Plan goal of expanding student enrollment, faculty and research by providing services in existing and future facilities. (C-PI)

**Upgrade Fume Hood in Combs Building-Life Safety ..... \$3,000,000**

This project will upgrade the fume hood and ventilation system of the Combs Building to modern laboratory standards. The work will include upgrades to the air handling units (AHU), replacement of the temperature and volume controls, upgrade AHU mixing plenums and dampers, and installation of variable speed controls for the fan motors. (C-PI)

**Upgrade Fume Hoods - Life Safety ..... \$9,430,000**

This project will involve various types of measures in existing buildings including modifications to spaces, equipment or building systems, and materials including ventilation improvements in chemical areas for the purpose of minimizing risks to human health and safety. (C-PI)

**Upgrade Pharmacy Fume Hood I-Life Safety ..... \$5,040,000**

This project will upgrade the fume hood and ventilation system of the building to modern laboratory standards. The work will include upgrades to the air handling units (AHU), replacement of the temperature and volume controls, upgrades to AHU mixing plenums and dampers, and installation of variable speed controls for the fan motors. (C-PI)

**2012-2014**

**Capital Renewal Maintenance Pool..... \$30,000,000**

This project is to establish a pool of funds for 1) needed maintenance projects not funded in the operating budget and therefore deferred to a future period; and 2) facility systems that have failed and that have not exceeded 90 percent of their life expectance. (C-PI)

**Construct Bio-Behavioral Health Building ..... \$28,655,000**

This project will construct a 65,000 gross square feet Bio-Behavioral Health Building. The programs will include clinical offices, clinical exam rooms, clinical research, faculty offices, staff offices, and other program support space. This building will allow a large lease to be terminated and bring two collaborative programs (Psychiatry and Center for Drug and Alcohol Research) under one roof. (C-O)

**Construct KY Transportation Center Building..... \$29,480,000**

The Kentucky Transportation Center (KTC) is currently occupying space in four different buildings on campus. Until recently, one unit was forced to lease space off campus. The new building will consolidate all KTC functions into one location in the heart of the campus. The new facility will accommodate future growth for the organization and eliminate competition for space between KKTC and other departments in the Raymond Building and engineering complex. (C-O)

**Construct Library/Knowledge Center ..... \$184,077,000**

This project is the construction phase for the Library/Knowledge Center. The design phase is planned for the 2010-2012 biennium. The project will construct a new 273,000 gross square feet (170,000 net square feet) academic resource center in the planned Academic Medical Campus. The site is west of South Limestone and adjacent to the Pharmacy Building currently under construction. The facility will include classrooms, class labs, offices, recreation space, food service, study space, library, exercise space, student lounges, and building support spaces. The facility is consistent with the recently completed study by the Ellerbe Becket consultants.

This project is part of the recently planned Academic Medical Campus and will support the balance of the planned campus. It is the center piece or icon for the new campus area. The new Pharmacy Building now under construction will be the first facility built in the new campus. Over time, the remaining Medical Center colleges will construct new facilities on the new campus and the Library/Knowledge Center will be the shared support facility for all health care students. Health care delivery has changed drastically and now requires teams of the different health professions working together. However, the current facilities and training do not reflect the new delivery model. (C-O)

**Construct School of Music Building ..... \$90,330,000**

Construct a 220,800 gross square foot new building for the School of Music and renovate the existing Fine Arts Building, also for the School of Music. The School of Music was identified as a Tier 2 area of investment and has improved significantly since that designation. Enrollments have doubled since the current building was designed and needs have changed enormously. Each and every member of the faculty (40 FTE) is extremely productive with an inordinate number enjoying excellent national and international reputations. (C-O)

**Construct Science Research Building 4..... \$160,000,000**

This project will construct the next research building. The multi-disciplinary facility will be approximately 186,000 gross square feet (102,000 net square feet) of wet research laboratories, lab support spaces, computational dry labs, vivarium, and support space. The research conducted in this facility will be multi-disciplinary with an emphasis on the sciences.

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The new facility is essential to the University of Kentucky's efforts to achieve the legislative mandate of becoming a Top 20 public research university by 2020. For the fall 2004, the Council on Postsecondary Education identified UK's research space deficit at over 300,000 square feet. The Council went on to project a 2020 deficit of over 1,600,000 square feet. (C-O)

**Expand College of Communication & Information Studies..... \$23,444,000**

This project is an expansion of the existing Grehan Journalism Building, or possibly an enclosed connector to other renovated building space nearby. This expansion would create critically needed space for the growing instructional and research activities of the College of Communications and Information Studies. Space projections provided in May 2002 project a need to increase space by as much as 100% by 2010 and beyond. The additional square feet needed is approximately 30,100. (C-O)

**Improve Life Safety, Project Pool 3..... \$2,451,000**

This project will involve various types of measures in existing buildings including modifications to spaces, equipment or building systems, and materials for the purpose of minimizing risks to human health and safety. (C-PI)

**Renovate King Library South - 1930 section ..... \$21,888,000**

The King Library complex (1930 building and 1962 addition) needs renovation to be utilized as effective library space. The first phase of the two-phased project will renovate the 1930 building in order to enhance and maximize its use as space for Special Collections and Archives and to reestablish the building's fine architectural features. (C-PI)

**Renovate Taylor Education Building ..... \$63,725,000**

This project will renovate a historically significant campus building, Taylor Education Building, located in the College of Education complex. The work will include some renovation to Dickey Hall. The proposal is to maintain the buildings while completely renovating its interior to provide a 21st century university environment. It addresses student learning goals established by state and national accrediting bodies while providing needed research space for faculty and student projects. (C-PI)

**Repair-Upgrade-Improve Building Electrical Systems ..... \$4,000,000**

This project will repair, upgrade and improve existing building electrical systems that have exceeded their useful life, need to be upgraded to meet current building code requirements, or need to be upgraded due to current capacity having been exceeded by building occupant load. Systems include electrical, fire alarm and communications. This project is needed to support the University's Top 20 Business Plan goal of expanding student enrollment and faculty by providing services in existing facilities. (C-PI)

**Repair-Upgrade-Improve Building Elevator Systems ..... \$2,500,000**

This project will repair, upgrade and improve existing building elevator systems that have exceeded their useful life, need to be upgraded to meet current building code requirements, or need to be upgraded due to current capacity having been exceeded by building occupant load. Systems include elevators and dumbwaiters. This project is needed to support the University's Top 20 Business Plan goal of expanding student enrollment and faculty by providing services in existing facilities. (C-PI)

**Repair-Upgrade-Improve Building Mechanical Systems..... \$20,000,000**

This project will repair, upgrade and improve existing building mechanical systems that have exceeded their useful life, need to be upgraded to meet current building code requirements, or need to be upgraded due to current capacity having been exceeded by building occupant load. Systems include HVAC ductwork, air handling units, fume hoods, building controls and

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Total Budget

plumbing systems. This project is needed to support the University's Top 20 Business Plan goal of expanding student enrollment and faculty by providing services in existing facilities. (C-PI)

**Repair-Upgrade-Improve Building Shell Systems..... \$5,000,000**

This project will repair, upgrade and improve existing building systems that have exceeded their useful life, need to be upgraded to meet current building code requirements, or need to be upgraded due to current capacity having been exceeded by building occupant load. Systems include exterior enclosures (walls, roofs & windows) doors, door hardware and interior finishes. This project is needed to support the University's Top 20 Business Plan goal of expanding student enrollment, faculty and research by providing services in existing facilities. (C-PI)

**Repair-Upgrade-Improve Civil/Site Infrastructure ..... \$2,200,000**

This project will repair, upgrade and, as necessary, expand the campus Civil/Site infrastructure. Infrastructure items to be addressed include: Roads, sidewalks, plaza's, landscaping, surface parking lots, sinkholes and signage. This project is needed to support the University's Top 20 Business Plan goal of expanding student enrollment, faculty and research by providing services in existing and future facilities. (C-PI)

**Repair-Upgrade-Improve Electrical Infrastructure ..... \$25,000,000**

This project will repair, upgrade and, as necessary, expand the campus electrical utility infrastructure. Infrastructure items to be addressed include: main electrical circuits from sub-stations, emergency generators, campus lighting and communication lines. This project is needed to support the University's Top 20 Business Plan goal of expanding student enrollment, faculty and research by providing services in existing and future facilities. (C-PI)

**Repair-Upgrade-Improve Mechanical Infrastructure..... \$22,800,000**

This project will repair, upgrade and, as necessary, expand the campus mechanical utility infrastructure. Infrastructure items to be addressed include: chilled water lines, steam lines, sanitary, storm, water and gas lines. This project is needed to support the University's Top 20 Business Plan goal of expanding student enrollment, faculty and research by providing services in existing and future facilities. (C-PI)

**Sprinkle Buildings - Life Safety ..... \$9,560,000**

This project will sprinkle a prioritized list of buildings on the Lexington Campus. The purpose of this project is to minimize the risks to human health and safety. (C-PI)

**UNIVERSITY OF KENTUCKY**

**Projects involving Agency Bonds\***

Agency Priority - Project Title / Description Total Budget

**2008-2010**

- 1 Construct New Housing ..... \$28,000,000**  
To request authorization to construct new student housing. Total new construction will include approximately 117,526 gsf of new student residential space as well as parking and service facilities for approximately 300 additional spaces. This project is needed to support the University's Top 20 Business Plan goal of expanding student enrollment by providing necessary student housing. (C-O)
- 2 Renovate Blazer Hall Cafeteria ..... \$2,800,000**  
This project will renovate approximately 12,000 net square feet of kitchen and convenience store space in Blazer Hall. The layout and design of the area is outdated and the equipment is in poor condition. This kitchen and convenience store will serve students in the north campus dorm area. This work is necessary to meet the changing menu needs and expectations of the students. This project is needed to support the University's Top 20 Business Plan goal of expanding student enrollment by providing improved, more efficient food services. (C-PI)
- 3 Renovate Student Center Food Court..... \$2,675,000**  
This project will renovate approximately 6,600 square feet of dining space in the Student Center. The dining facility requires reconfiguration to support new meal plans and to meet student expectations. This project is needed to support the University's Top 20 Business Plan goal of expanding student enrollment by providing improved, more efficient food services. (C-PI)
- 4 Sanitary Sewer Expansion ..... \$10,000,000**  
The city owned sanitary sewer lines serving the University of Kentucky are at peak capacity. This project would be a joint project with the city to address adding sanitary sewer lines to address current needs and for additional capacity for future buildings to support the University's Top 20 Business Plan goal of expanding student enrollment and faculty. (C-O)
- 5 Upgrade Existing Dorms for Housing..... \$7,000,000**  
This project will renovate suite bathrooms and install exhaust systems in 80 bathrooms in Keeneland Hall with an estimated cost of \$1,250,000. Abate Asbestos and replace with drywall and paint in Boyd Hall with an estimated cost of \$1,713,000. And do general building renovations and replace furniture in Boyd Hall (\$444,000), Jewell Hall (\$358,000), Blazer Hall (\$591,000), Haggin Hall (1,704,000), Keeneland Hall (\$953,000). These renovations are needed to support the University's Top 20 Business Plan goal of expanding student enrollment by providing necessary upgrades to current housing. (C-PI)

**2010-2012**

- 1 Construct New Housing ..... \$32,151,000**  
To request authorization to construct new student housing. Total new construction will include approximately 117,526 gsf of new student residential space as well as parking and service facilities for approximately 300 additional beds. This project is needed to support the University's Top 20 Business Plan goal of expanding student enrollment by providing necessary student housing. (C-O)

Agency Priority - Project Title / Description

Total Budget

**2 Renovate/Expand University Student Center, Phase 1 ..... \$50,000,000**

This portion of the project will be the Phase 1 construction that will expand and renovate the Student Center. The overall project is planned with a design portion and two subsequent construction phases. The design portion will be completed in the 2008-2010 biennium. Phase 1 is planned for the 2010-1012 biennium, and Phase 2 is planned for a future biennium. This phased approach is necessary for proper planning of funding.

The Student Center is outdated with the original section constructed in 1938. Two additions were added over the years, one in 1963 and the last in 1982. Currently, the Center is unable to fully meet the needs of the students and regularly scheduled events and activities. Further, the University Student Center has not kept pace with its benchmark institutions. The University must have state-of-the-art and high quality student amenities if it is to increase enrollment and recruit the best and brightest students. (C-O)

**3 Renovate Alumni Gym..... \$10,000,000**

This project will renovate Alumni Gym to provide for a health/wellness/recreation/cardio exercise facility for the north campus area. The facility is in need of a major infrastructure upgrade, and extensive interior work. Currently, there are no options for health/wellness/recreation/cardio exercise for student residents of the north side of main campus. The location is ideal for meeting the needs of students in this area of campus. It will also be a critically important enhancement as the north campus area develops with the College Town Plan, Business and Economics development, and the Law School and Digital Village development. (C-PI)

**4 Renovate K-Lair Building ..... \$4,687,000**

This project will renovate the K-Lair Building (Food Storage Facility). The work will include the expansion of the dining area of the building, upgrades to the offices and food storage area, and the development of retail space. The project will provide a living learning community atmosphere, and accommodate new food preparation equipment that can accommodate new food options capable of being integrated into new dining/meal plans for students at the University.

The renovation of the K-Lair Dining Area is critical to the institutional mission. The current dining facilities at UK are inadequate and outdated and have not been renovated since they opened more than three decades ago. These renovations are needed to meet student expectations of dining facility services, to promote campus community and student environment and enhance the University's ability to offer healthier and fresher food options to encourage better health and healthier lifestyles. (C-PI)

**5 Renovate Complex Commons Dining Area..... \$11,400,000**

This project will renovate approximately 57,000 square feet of student support space in the Dorm Complex Central Facility (Complex Commons). (C-PI)

**2012-2014**

**1 Construct New Housing ..... \$35,220,000**

To request authorization to construct new student housing. Total new construction will include approximately 117,526 gsf of new student residential space as well as parking and service facilities for approximately 300 additional beds. This project is needed to support the University's Top 20 Business Plan goal of expanding student enrollment by providing necessary student housing. (C-O)

**UNIVERSITY OF KENTUCKY**

**Projects NOT Involving the General Fund, Road Fund, or Agency Bonds\***

<u>Project Title / Description</u>	<u>Total Budget</u>	<u>Source(s)</u>
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**2008-2010**

**Acquire Land..... \$35,000,000 .....RF**

This project will allow land acquisition in accordance with the University's Top 20 Business Plan and Physical Development Plan. Authorization of this project will allow the University to purchase properties within the proposed boundaries of the University as such properties become available. (C-O)

**Construct Baseball Stadium and Clubhouse ..... \$31,900,000 ..... OT-P**

Construct new Baseball stadium on new site along Alumni Dr. Stadium to include seating for 4500, locker rooms, offices, concessions, viewing suites, practice infield, scoreboard, sport turf maintenance facilities, and parking area. Project will relocate existing soccer practice field to new site along with providing seating for soccer facility. Project fits into the master plan for sports and recreational use of the proposed site. (C-O)

**Construct Energy Performance Contracting..... \$1,000 .....RF**

The University of Kentucky plans to use performance contracting through a private energy vendor to analyze the payback on some energy savings, such as plumbing, lighting, heat recovery, and controls. Heat recovery from the exhaust air for one of several research buildings might be the project selected jointly by the vendor and the University to be financed and installed by the vendor. The University would then repay the vendor over a period of a few years from the energy savings. A heat recovery project would involve the addition of coils in the exhaust air ducts, glycol piping, pumps and controls, and possibly added coils in the supply air or a heat converter. Fan motors may have to be upgraded also. Control system changes may involve the removal of old pneumatic controls and the installation of computerized electronic controls with customized software. Lighting changes may include bulbs, ballasts, or fixtures. Variable speed drives may be added to large motors, where possible. (C-PI)

**Construct Equine Campus ..... \$10,000,000 ..... OT-P**

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. (C-O)

**Construct Facilities Storage Building ..... \$4,806,000 .....RF**

This project is for the construction of approximately 20,000 gross square feet of warehouse storage space and materials handling and distribution facilities to replace space in Reynolds Buildings #1, #2 & #3 which is desired by Fine Arts and other academic departments for teaching

<u>Project Title / Description</u>	<u>Total Budget</u>	<u>Source(s)</u>
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space. The facility is to include overhead doors, dock levelers, and a mix of bulk storage and shelf storage space. Office and restroom facilities are included. (C-O)

**Construct Golf Practice Area ..... \$3,000,000 ..... OT-P**  
 This project will construct a golf short game practice area, to include a putting green, sand shot, 100yd pitch shot area, and locker and equipment/storage area. (C-O)

**Construct Hall of Fame Plaza ..... \$2,100,000 ..... OT-P**  
 This project will be construct a UK Athletics Hall of Fame Plaza at the main entry to Memorial Coliseum. The Plaza will be designed to recognize current and future hall of fame members, as well as enhance the military memorial aspect of Memorial Coliseum. (C-O)

**Construct Library Depository Facility ..... \$7,000,000 ..... RF**  
 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. (C-O)

**Construct Medical Center Physical Plant Building ..... \$12,793,000 ..... RF**  
 This project will construct a new 38,595 GSF (29,525 NASF) facility for the Medical Center support functions such as the Physical Plant Division. Demolition of existing structures for construction of new research, health care and educational buildings will necessitate the need for the Medical Center Physical Plant building. (C-O)

**Construct Multi-Purpose Room/Stadium Kitchen Facility ..... \$8,000,000 ..... OT-P**  
 This project will construct a multi-purpose room addition to the Nutter Fieldhouse which will house the athletic training table and will include a full kitchen with the capacity to service football game day catering needs. The facility will also host recruiting, Athletic Department and University functions. (C-PI)

**Construct Parking Structure #9 ..... \$34,310,000 ..... OT-LTF**  
 The University's Physical Development Plan calls for seven new parking structures on campus by 2020. This project would construct a 1,500 space parking structure containing approximately 500,000 gross square feet. This project is needed to support the University's Top 20 Business Plan goal of expanding student enrollment and faculty by providing necessary parking services. (C-O)

**Construct Stadium Suite Addition ..... \$2,750,000 ..... OT-P**  
 This project will construct four additional viewing suites, two on each end zone, to the existing suite level at Commonwealth Stadium. (C-O)

**Construct Track and Field Facility ..... \$17,666,000 ..... OT-P**  
 This project will construct a new track and field facility with lockers, showers and storage for team use. The project will also include concession and restroom facilities for spectators. (C-O)

**Convert Hunt Morgan Space to Class Lab ..... \$2,500,000 ..... RF**  
 This project will convert approximately 6,000 NSF of space in the Thomas Hunt Morgan Building into class lab teaching space. The project will include wet bench casework, flooring, ceilings, walls, lighting, and Smart Classroom technology. The work will also include modifications to the plumbing, electrical, and HVAC systems. An additional class lab is needed to meet the needs of the increased enrollment, especially in the area of life sciences. (C-PI)

<u>Project Title / Description</u>	<u>Total Budget</u>	<u>Source(s)</u>
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**Convert Taylor Education Space to Offices & Classroom ..... \$4,500,000 .....RF**

This project will convert the old gymnasium approximately 12,400 NSF (currently used as a storage and TV studio) into offices and a 200 seat lecture hall. An intermediate floor structure will be added to create a two story facility with offices and support spaces on the lower level and offices, support spaces, and a lecture hall on the upper level. The project will include one two-story elevator. Additional office space and large classrooms are needed to meet the needs of the University's growing enrollment. This project will increase the utilization of the space and increase useable square footage without expanding a building. (C-PI)

**Design Student Center Expansion/Renovation..... \$6,000,000 .....RF**

This project will be the "design only" portion of the expansion and renovation of the Student Center (30180026 & 30180030). There will be two subsequent construction phases in future biennia. The Student Center, originally constructed in 1938 and expanded in 1963 and 1982, is inadequate for providing the state-of-the-art programs and services necessary to UK's efforts to increase its enrollment and improve its retention and graduation rates. (C-O)

**Expand & Renovate W.KY & Robinson Station..... \$6,000,000 .....RF**

This project includes facility renovations at the West Kentucky and Robinson Station properties, and the purchase of sixty (60) acres of land contiguous to the existing farm at the West Kentucky site. Because Plant Science has been identified as one of UK's strongest research and graduate programs and selected for Research Challenge Trust Fund (RCTF) funds to achieve international distinction, it is necessary to provide expanded land area and improved facilities for plant science research at these two locations. These renovations also will improve the capacity of extension programs and economic development initiatives at both locations. (C-O)

**Expand CAER Laboratories..... \$5,000,000 .....RF**

This project is for the expansion and renovation of the Center for Applied Energy Research (CAER) laboratory building, including the upgrade of the Center's Fuel Analysis Laboratory. The work includes a 10,000 gross square feet addition that will include research labs, offices, and support spaces. CAER's current facility is used at full capacity and additional space is needed to accommodate growth. (C-O)

**Expand Coldstream Research Campus, 1 ..... \$10,000,000 .....RF**

The Coldstream Research Campus anticipates that its University owned facilities (roads, grounds, utilities, buildings, interior spaces, and other infrastructure elements) will require upgrading/modification to meet the needs of the Research Campus's commercial occupants. The University needs capital authority to quickly deal with space and infrastructure upgrades or modifications required for contracts with commercial and private companies locating to Coldstream. In order for Coldstream to be successful as a research and economic development enterprise, the University must have the flexibility to negotiate, sign, and implement contractual arrangements with private corporations in a very timely manner. (C-PI)

**Expand CRMS and Raymond Civil Engineering Building ..... \$18,550,000 .....RF**

This project will add two floors to the Center for Robotics and Manufacturing Systems (CRMS) (15,808 NASF or 25,830 GSF) and to the Raymond Civil Engineering (12,121 NASF or 20,201 GSF). Both existing buildings were designed to allow for the construction of two additional future floors. This laboratory space is needed for additional faculty and emerging interdisciplinary science initiatives in research and in education. Interdisciplinary work is expanding and creating new hyphenated specialties of research and education, which attract the brightest faculty, students and extramural funding. (C-O)

**Expand KGS Well Sample & Core Repository..... \$4,741,000 .....RF**

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

<u>Project Title / Description</u>	<u>Total Budget</u>	<u>Source(s)</u>
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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. (C-O)

**Expand Pence Hall ..... \$16,000,000 .....RF**

This project will construct a 29,000 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. (C-O)

**Handicapped Access Pool..... \$800,000 .....RF**

Modifications will be made inside buildings and outdoors at approaches to buildings. Work will include modifications to doors, restrooms, drinking fountains, handrails, ramps, sidewalks, telephones, signage, and elevators. (C-PI)

**Install Emergency Generator Computing Facility ..... \$500,000 .....RF**

An emergency generator is needed to ensure 24 X 7 power for the University of Kentucky's major computing resources (supercomputer, mainframe, and 150 servers including both email systems and web services). Periodic power outages result in the unplanned shutdown, and associated disruption to services, of these systems. Additionally, telephone operations (UK Medical Center emergency paging, operator assistance) and WUKY FM radio are affected by power outages. There are no formal citations. (C-PI)

**Lease Purchase Campus Call Center System ..... \$1,500,000 .....RF**

The University is creating a formal call center to compliment the campus voice for IP infrastructure. The VOIP infrastructure combined with the call center system will replace many traditional key systems. (IT)

**Lease Purchase Campus Infrastructure Upgrade..... \$3,500,000 .....RF**

The campus communications infrastructure consists of cable plant, underground conduit systems and networking components. Periodically the infrastructure requires a major upgrade and expansion. This project is to replace, expand and install these components in order to meet the communications needs of faculty, students and staff. (C-O)

**Lease Purchase Data Center ..... \$40,000,000 .....RF**

This project lease purchases a data center allowing for the merger of the Medical Center and the main campus data centers into one location. Currently, the Medical Center Computing Center resides in the basement of the Hospital and the main campus computing center resides in McVey Hall. Both spaces are grossly inadequate to accommodate the growing computing needs of the University of Kentucky. The existing data centers have insufficient space, and insufficient electrical power (both normal and emergency) and cooling for the University's supercomputer, IRIS servers, and many other servers supporting the students, faculty and staff of the University of Kentucky. (C-O)

**Lease Purchase Data Center Infrastructure ..... \$2,500,000 .....RF**

This will provide the racks, PDU's and associated equipment to house servers in the new data center. It will also provide the storage area network and ethernet infrastructure for the new data center. (IT)

**Lease Purchase Data Warehouse/Infrastructure ..... \$1,800,000 .....RF**

The University of Kentucky has undertaken the creation of a data warehouse environment to facilitate reporting for the institution. In 2002, hardware was purchased to begin implementation of a data warehouse environment. The data repository has been completed, but there are several other phases of the project that will require hardware to be replaced or upgraded. The data

<u>Project Title / Description</u>	<u>Total Budget</u>	<u>Source(s)</u>
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warehouse environment will enable the University to more efficiently and effectively access the data required to provide vital information for decision making. (IT)

**Lease Purchase Digital Village Building 2 ..... \$20,000,000 .....RF**

This project is the second (of four) buildings in the Digital Village - the Hardyman Building is Building 1. Building 2 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. (C-O)

**Lease Purchase Enterprise Storage System ..... \$2,200,000 .....RF**

The requirement to use and have online access to data has exploded over the last few years. The University has installed an enterprise storage system to address the need. The system has proved to perform this function well, but the need grows and the system requires enhancement or replacement to keep up with the demand. (IT)

**Lease Purchase ERP Phase 3 ..... \$10,000,000 .....RF**

Phase 3 of the Enterprise Resource Planning will provide added functionality in modules for: Customer Relations, Training and Event Management, and Travel and Expense Reimbursement. Document Imaging will be initiated in the Campus Management module. Extensive Workflow will be added to the core modules. Functionality offered in Employee and Manager Self Service will be increased. The Business Warehouse and Faculty Effort Systems will be expanded. Strategic Enterprise Management will provide tools to measure and evaluate organizational performance and information for sound decisions. Several enhancements will be added to the Finance and Materials Management modules. Personal Digit Assistants will be employed to process work orders in Plant Maintenance. XI functionality will be added and the use of web applications increased. The technical environment will be improved. (IT)

**Lease Purchase High Performance Research Computer ..... \$6,500,000 .....RF**

It will be necessary to upgrade or replace the current high performance research computer system within the next two years to maintain and enhance the University's research computing capability. This environment is changing rapidly and enhancing large scale research computing provides the high speed parallel and cluster computing facilities required to solve today's research problems. (IT)

**Lease Purchase Large Scale Computing ..... \$3,500,000 .....RF**

It will be necessary to upgrade or replace the computing system supporting core computing systems within the next two years to provide the level of infrastructure required to maintain the University's core systems. (IT)

**Lease Purchase Network Security Hardware ..... \$1,500,000 .....RF**

The need to protect the University's network from the world of hackers, viruses, worms, etc. is an ever expanding requirement. The current environment of firewalls needs to be expanded to handle the larger bandwidths of the future. Devices and appliances need to be added to handle functions such as intrusion detection, intrusion prevention, bandwidth shaping, logging and interpretation of data, virus detection, encryption, certificate authorities, and other secure network logon environments. (IT)

**Lease Purchase New Housing ..... \$75,000,000 .....OT-LTF**

To request authorization to lease purchase newly constructed student housing. Total new construction will include new student residential space (313,400 GSF) as well as parking and service facilities for approximately 800 additional beds. This project is needed to support the

<u>Project Title / Description</u>	<u>Total Budget</u>	<u>Source(s)</u>
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University's Top 20 Business Plan goal of expanding student enrollment by providing necessary student housing. (C-O)

**Lease Purchase Remote Site Fiber..... \$2,000,000 .....RF**  
 The request is to fund the installation of fiber infrastructure at remote University sites. The request will also connect the remote sites to the main campus with a fiber infrastructure. An example would be the Coldstream Research Pa (C-O)

**Lease Purchase UK/UofL/Frankfort Research Network ..... \$6,000,000 .....RF**  
 The project builds a private fiber network linking the data centers at the University of Kentucky, the University of Louisville and the Governor's Office of Technology. The network will provide backbone services for the Kentucky Post Secondary Education Network and as a direct link from the University of Kentucky to nationwide carriers located in Louisville. (IT)

**Lease Purchase UPS System ..... \$941,000 .....RF**  
 Upgrading the uninterruptible power supply (UPS) systems for the computing operations provides clean, uninterrupted power for the University of Kentucky's 24 X 7 hour central computing resources (supercomputer, mainframe, 150 servers, etc.) The current UPS system does not provide redundancy, adequate backup time, or scalability. We will replace 100 KVA systems with dual 300 KVA system that have a redundant support structure. (C-PI)

**Lease Purchase Wireless/Cellular Infrastructure..... \$7,000,000 .....RF**  
 The project will provide the in-building infrastructure to provide cellular and data wireless services to the academic buildings campus wide. (IT)

**Purchase 400 MHz NMR Spectrometer ..... \$275,000 .....RF**  
 Compact instrument for teaching of organic and inorganic chemistry. (EQ)

**Purchase Circular Dichroism Spectrometer..... \$210,000 .....RF**  
 Purchase circular dichroism spectrometer for biological chemistry teaching laboratory (EQ)

**Purchase Compact Shelving-Fine Arts Library..... \$500,000 .....RF**  
 Purchase compact shelving for the Lucille Caudill Little Fine Arts Library. The library needs additional shelving capability. Compact shelving offers the most efficient and cost effective use of existing space in the building. (EQ)

**Purchase Dentistry Billing System, Phase 3 ..... \$2,000,000 .....RF**  
 This project will provide hardware and networking for clinical and patient billing software in the College of Dentistry. (IT)

**Purchase Digital Imaging Equipment..... \$311,000 .....RF**  
 Purchase of digital imaging equipment to create digital photography and inter-media lab in the Reynolds Building. (EQ)

**Purchase Electrospray LC Tandem Mass Spectrometer ..... \$290,000 .....RF**  
 Instrument for teaching of proteomics and biological chemistry. (EQ)

**Purchase Metabolic Instructional System ..... \$205,000 .....RF**  
 The requested Metabolic Instructional System would be used to replace inadequate and outdated instructional resources, thus enhancing the quantity and the quality of our instruction and preparation of our undergraduate and graduate students. (EQ)

**Purchase Physical Chemistry Teaching Laboratory ..... \$240,000 .....RF**  
 Purchase physical chemistry teaching laboratory equipment (EQ)

<u>Project Title / Description</u>	<u>Total Budget</u>	<u>Source(s)</u>
<b>Purchase Police Communications Equipment</b> .....	<b>\$600,000</b> .....	<b>RF</b>
Upgrade radio system, add mobile data terminals in all department vehicles, add GPS and Automatic Vehicle Location systems to all department vehicles, upgrade the department's transmitting/receiving antenna system, and expand and upgrade the campus-wide emergency telephone system. (IT)		
<b>Purchase Precision Machining System</b> .....	<b>\$250,000</b> .....	<b>RF</b>
Purchase infrastructure equipment for precision machining system for both undergraduate and graduate instruction and research (EQ)		
<b>Purchase Shelving for Storage Facility</b> .....	<b>\$525,000</b> .....	<b>RF</b>
Purchase shelving to be used in a library storage facility. (EQ)		
<b>Purchase Upgraded Communication Infrastructure</b> .....	<b>\$1,014,000</b> .....	<b>RF</b>
Purchase upgrade to the communications infrastructure in Young Library so the library can continue to provide more electronic resources. This will allow the library to provide better computers and supporting software to support access to these resources. (IT)		
<b>Purchase Upgraded Integrated Library System</b> .....	<b>\$1,000,000</b> .....	<b>RF</b>
The University Libraries needs to upgrade its present Integrated Library System (ILS) which is essential for use by both patrons and library personnel. The ILS is used by staff for purchasing, cataloging, lending, and tracking library resources. The ILS is used by library patrons to search the library catalog, review their accounts, and access electronic information. (IT)		
<b>Relocate &amp; Expand Dentistry Faculty Practice</b> .....	<b>\$3,100,000</b> .....	<b>RF</b>
This project will move the Dentistry Faculty Practice from the Dentistry Building to either the Kentucky Clinic Wing C or Wing D (30180223, 30180284). The project will renovate approximately 8,500 net square feet of clinic space. The work will include upgrades to finishes, plumbing, electrical, and HVAC systems. Moving the faculty practice will permit additional space for dental clinical operatories, thus creating the potential for an increase in income. Moving the practice will also provide space for the Public Health division of the College of Dentistry to move back into the Dental Science Wing with the other faculty of the College, thus permitting collaboration between faculty members in similar disciplines. It will also save the College the cost of off-campus rental space. (C-PI)		
<b>Relocate Greenhouses</b> .....	<b>\$7,506,000</b> .....	<b>RF</b>
This project will relocate the greenhouses and headhouses (30180061, 30180062, 30180065, and 30180066) located behind the Thomas Hunt Morgan Building to south campus, near the Ag buildings and greenhouses. The new facility will be approximately 9,600 gross square feet of headhouse and 15,000 gross square feet of greenhouse. The facility must be relocated to upgrade the use of the land and to clear the area for construction of multi-use, multi-disciplinary buildings that should be located in this zone to comply with the University's Master Plan. (C-O)		
<b>Renovate Old Pharmacy Building for Biology, Design</b> .....	<b>\$3,500,000</b> .....	<b>RF</b>
This project will be the design phase to renovate the old Pharmacy Building for the Department of Biology, as well as to improve ventilation systems. The new Pharmacy Building will be complete in 2010 and the College of Pharmacy will vacate the current facility making way for the planned occupancy by the Department of Biology. This relocation will help to meet Biology's needs due to the increased enrollment and growing research. Biology enrollment has increased with the University's overall enrollment increase and the increased interest in the life sciences. (C-PI)		
<b>Renovate Teaching Space in the Chemistry/Physics Bldg</b> .....	<b>\$2,500,000</b> .....	<b>RF</b>
This project will renovate a large lecture hall in the Chemistry-Physics Building. The space is approximately 5,000 net square feet. The work will include upgrades to seating, room finishes,		

<u>Project Title / Description</u>	<u>Total Budget</u>	<u>Source(s)</u>
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and “Smart Classroom” technology. The Smart Classroom equipment will include a computer, projector, media player, document camera, sound system, podium, and internet connection. The work will also include wireless internet connection. The upgrade is necessary to provide state-of-the-art teaching facilities to meet instructional needs and student expectations. This project is needed to support the University's Top 20 Business Plan goal of expanding student enrollment and faculty. (C-PI)

**Renovate Teaching Space in the Funkhouser Building ..... \$1,000,000 .....RF**

This project will renovate a large lecture hall in the Funkhouser Building. The space is approximately 2,200 net square feet. The work will include upgrades to seating, room finishes, and “Smart Classroom” technology. The Smart Classroom equipment will include a computer, projector, media player, document camera, sound system, podium, and internet connection. The work will also include wireless internet connection. The upgrade is necessary to provide state-of-the-art teaching facilities to meet instructional needs and student expectations. This project is needed to support the University's Top 20 Business Plan goal of expanding student enrollment and faculty. (C-PI)

**Renovate/Expand DLAR Quarantine Facility Spindletop ..... \$3,288,000 .....RF**

This project will renovate approximately 7,500 square feet of the Spindletop Animal Conditioning Facility into an Animal Quarantine Facility. Sufficient renovation space may not be available in the existing facility and a small expansion may be necessary to accommodate the space program. The renovation and possible expansion spaces will include animal rooms, procedure rooms, autoclave and cage wash room, offices, and support spaces. (C-PI)

**Renovate 3rd Floor Little Library ..... \$1,000,000 .....RF**

This project will fit-up approximately 5,000 NSF of shelled space on the third floor of the Little Library. The space will be used for the School of Library and Information Science, Center for Applied Information Technology. The space is needed to accommodate increasing enrollment and technology impacts on instructional pedagogies. (C-PI)

**Renovate Central Computing Facility ..... \$2,813,000 .....RF**

Renovating the computing facility will provide a secure, stable, environment for the University's supercomputer, mainframe, and servers. The renovation includes 11,550 square feet of space. (C-PI)

**Renovate Dentistry Class Lab..... \$3,000,000 .....RF**

This project will renovate the Dentistry Class Lab in the Dentistry Building. The lab is approximately 4,500 net square feet. The project will modify the configuration of the learning stations and update equipment to keep dental training aligned with dental practice. (C-PI)

**Renovate Dentistry Clinic in Kentucky Clinic..... \$3,320,000 .....RF**

This project will renovate approximately 6,500 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. (C-PI)

**Renovate Funkhouser Tower ..... \$3,900,000 .....RF**

This project will add two stair towers and renovate approximately 8,000 net square feet of office space in the Funkhouser Tower (floors 4, 5, & 6). The renovation work to the existing space will include upgrades to finishes and MEP systems. Support spaces, including restrooms and communication closets, will be constructed to meet code and the University requirements. Currently, the three upper floors can only be used for storage due to the lack of required fire egress. The tower section of the building has only one set of stairs and the stairs do not meet

<u>Project Title / Description</u>	<u>Total Budget</u>	<u>Source(s)</u>
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code for the required fire egress. The available assignable space of each floor is needed to provide some office space for additional faculty and student support programs. (C-PI)

**Renovate King Library South - 1962 section ..... \$8,000,000 .....RF**  
 Renovation of the King Library South 1962 addition will provide that the space is utilized as effective library and study space. This renovation will combine the 3 separate libraries that currently constitute the Science/Engineering collection into one central facility. Upon completion, space currently occupied by the libraries in Anderson, C/P, and Patterson would return to the academic departments to support enrollment expansion. (C-PI)

**Renovate Koinonia House ..... \$2,371,000 .....RF**  
 Renovate the second floor of the Koinonia House for the UK Opera program. The UK Opera program has been recognized by the College, the Provost and the community as the “crown jewel” of the College of Fine Arts. This renovation would provide a home for all phases of the program which would be under one roof and would be a major asset in terms of recruiting the best graduate students in the world. (C-PI)

**Renovate Memorial Coliseum Seating Area ..... \$4,000,000 ..... OT-P**  
 This project will renovate the general seating and sound system in the arena area of Memorial Coliseum. (C-O)

**Renovate Mineral Industries Building ..... \$4,450,000 .....RF**  
 This project will renovate/convert the Mineral Industries Building into classroom, class labs, and research labs. The work will include approximately 9,500 net square feet of space. Included in the work will be upgrades to the restrooms, communication closets, and other support spaces. The renovation of this building is necessary to meet the immediate space demands associated with the increase in enrollment and faculty. The current office use must be converted to instructional space and research space. (C-PI)

**Renovate Nursing Building ..... \$3,088,000 ..... RF/FF**  
 This project will renovate several areas in the Nursing Building, enclose the third floor patio, and construct a new fire stair. The areas to be renovated will include the administration suite, the existing student lounge, and the grad student office. The area to be renovated and the expansion space total approximately 9,700 net square feet. The new fire stair will be constructed at the south end of the patio. This project is necessary to provide the additional student services space required to support the college's planned doubling of enrollment. The fire stair is necessary to provide fire egress. The current egress will be terminated with the enclosing of the patio as required by code after this patio is enclosed. (C-PI)

**Renovate Office Space in Funkhouser ..... \$1,000,000 .....RF**  
 This project will renovate approximately 5,000 net square feet of office space in the Funkhouser Building. The work will include new finishes and upgrades to plumbing, electrical, and HVAC systems. Communication systems will be upgraded and wireless internet will be installed. Additional office space is needed to meet the space demands associated with the increase in enrollment, increases in faculty, and expansions of office-based research and outreach programs. (C-O)

**Renovate Reynolds Building, Phase 1 ..... \$3,000,000 .....RF**  
 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. (C-PI)

<u>Project Title / Description</u>	<u>Total Budget</u>	<u>Source(s)</u>
<b>Renovate Slone Building, Phase 1</b> .....	<b>\$5,000,000</b>	<b>RF</b>
This project will be the first phase of the renovation of the Slone Building. The planned Phase 1 will upgrade the building's infrastructure including HVAC, plumbing, electrical, communications, roof, etc. Phase 2, planned for the 2010-2012 biennium, will renovate the interior spaces and upgrade the exterior of the facility. The Slone Building is an aging facility and was not designed for the current uses of the Earth & Environment Science Department. The facility's infrastructure, is still that of a M57 building that can not adequately support geology research functions and equipment. (C-PI)		
<b>Renovate Soccer Press Box/Seating Addition</b> .....	<b>\$2,000,000</b>	<b>OT-P</b>
This project will renovate the Soccer facility by enlarging the press box, adding additional seating for the varsity soccer game field and enclosing the area to provide some protection from the weather. (C-O)		
<b>Renovate Space in McVey Hall</b> .....	<b>\$2,150,000</b>	<b>RF</b>
This project will renovate approximately 7,000 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. (C-PI)		
<b>Renovate Vivarium in Central DLAR Facility Phase 2</b> .....	<b>\$2,176,000</b>	<b>RF</b>
This project will be Phase 2 of the Central Division of Lab Animal Resources (DLAR) Facility Cage Wash project. Phase 1 was completed in 2007. Limited funding prevented the university from completing the entire planned project. (C-PI)		
<b>Repair Stadium Structure</b> .....	<b>\$2,500,000</b>	<b>OT-P</b>
This project will provide long-term routine structural maintenance necessary to protect the investment in the Stadium facility. (C-O)		
<b>Repair, Upgrade &amp; Expand Central Plants 1</b> .....	<b>\$55,000,000</b>	<b>RF</b>
This project will repair, upgrade and expand, as needed, the campus heating and cooling plant capacity at any of the University's existing central heating and cooling plants and/or construction of a new heating and cooling plant as well as repairs, upgrades or expansion at any of the University's electrical sub-stations. This project is needed to support the University's Top 20 Business Plan goal of expanding student enrollment and faculty by providing services in existing and future facilities. (C-O)		
<b>Upgrade Audio/Visual Equipment Guignol Theatre</b> .....	<b>\$210,000</b>	<b>RF</b>
Purchase of new audio/visual equipment for Guignol Theatre to address the lack of equipment for theatre productions. (EQ)		
<b>Upgrade Reynolds Building</b> .....	<b>\$35,000,000</b>	<b>RF</b>
This project will primarily upgrade Reynolds Building #1 (144,081 gross square feet), as well as Reynolds #4 consisting of 1,000 GSF, and depending upon programmatic needs of Fine Arts, renovating portions if not all of Reynolds #2 consisting of 47,346 gross square feet. The work will include but not limited to, electrical upgrade, ventilation, HVAC, new restrooms and reconfiguration of studio spaces to better serve the current and future students in Fine Arts. This project is needed to support the University's Top 20 Business Plan goal of expanding student enrollment and the necessary support services to the expanded enrollment. (C-PI)		
<b>Upgrade-Renovate-Improve or Expand Research Labs</b> .....	<b>\$33,500,000</b>	<b>RF</b>
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		

<u>Project Title / Description</u>	<u>Total Budget</u>	<u>Source(s)</u>
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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. (C-PI)

**2010-2012**

**Acquire Land..... \$35,000,000 .....RF**  
 This project will allow land acquisition in accordance with the University's Top 20 Business Plan and Physical Development Plan. Authorization of this project will allow the University to purchase properties within the proposed boundaries of the University as such properties become available. (C-O)

**Construct Clinical Neurodegenerative Center..... \$12,485,000 .....RF**  
 This project will construct a new Clinical Neurodegenerative Center. This facility will be part of the University of Kentucky Center on Aging and support the clinical care of neurodegenerative diseases. A specialized facility is needed to focus on the health care of the aging population, and to enhance training and research. (C-O)

**Construct Multi-Care Clinic Building..... \$29,650,000 .....RF**  
 This project will construct a new facility to house multi-use physician office, practice, and procedural/treatment areas. The new facility will likely be constructed off-campus in Lexington. (C-O)

**Construct New Alumni Center..... \$12,510,000 .....RF**  
 The project is a new alumni center of approximately 32,000 GSF that would provide facilities on campus to accommodate meetings, conferences, classes, luncheons, receptions, banquets and other events for up to 500 people for the University's colleges, faculty, staff, students and alumni. (C-O)

**Construct Parking Structure #10 ..... \$26,463,000 .....OT-LTF**  
 The University's Physical Development Plan calls for seven new parking structures on the campus by 2020. This project would construct an 1,000 space parking structure containing approximately 320,000 gross square feet. This project is needed to support the University's Top 20 Business Plan goal of expanding student enrollment and faculty by providing necessary parking services. (C-O)

**Construct Police Headquarters Building ..... \$7,420,000 .....RF**  
 The UK Police department is currently housed in an old apartment building that was converted to office space. It is functionally inefficient and only part of the Police department's space is accessible to the handicapped. Additionally UK Police have special and increasing need for space that can accommodate high tech equipment. (C-O)

**Construct Stadium Press Box/Seating Area..... \$32,724,000 ..... OT-P**  
 This project will construct an upper level press box with viewing suites and catering/food holding facilities connected to the Commonwealth Stadium. (C-O)

**Convert Miller Hall Space to Offices..... \$2,140,000 .....RF**  
 This project will convert approximately 8,900 nsf of studio space in Miller Hall to offices. This new office space will allow institutional support staff and grant functions to be relocated, so more existing space in college buildings will be available for new faculty, their research staff, and additional student enrollment. (C-PI)

**Expand Boone Tennis Center ..... \$3,450,000 ..... OT-P**  
 This project will add two additional tennis courts as well as additional spectator seating on the south end of the Boone Tennis Center. (C-O)

<u>Project Title / Description</u>	<u>Total Budget</u>	<u>Source(s)</u>
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**Expand Coldstream Research Campus, 2 ..... \$10,000,000 .....RF**

The Coldstream Research Campus anticipates that its University owned facilities (roads, grounds, utilities, buildings, interior spaces, and other infrastructure elements) will require upgrading/modification to meet the needs of the Research Campus's commercial occupants. The University needs capital authority to quickly deal with space and infrastructure upgrades or modifications required for contracts with commercial and private companies locating to Coldstream. To ensure that Coldstream is successful as a research and economic development enterprise, the University must have the flexibility to negotiate, sign, and implement contractual arrangements with private corporations in a very timely manner. (C-PI)

**Expand Lafferty Hall ..... \$8,250,000 .....RF**

Provide 13,900 square feet of laboratory, curation, and office space for the Museum of Anthropology, the Office of State Archaeology and the Kentucky Archaeological Survey. Space is needed for additional artifacts and to centralize the various related offices and enhance research, learning, and outreach. (C-O)

**Expand/Renovate Kastle Hall Vivarium..... \$5,898,000 .....RF**

This project will renovate and expand the animal housing area of a central campus vivarium. The 9,000 sf expansion will allow more researchers access to animal facilities closer to their main campus offices. This project is needed as enrollment expansion will place greater demands on space for behavior studies. (C-PI)

**Lease Purchase Campus Infrastructure Upgrade..... \$3,500,000 .....RF**

The campus communications infrastructure consists of cable plant, underground conduit systems and networking components. Periodically the infrastructure requires a major upgrade and expansion. This project is to replace, expand and install these components in order to meet the communications needs of faculty, students and staff. (C-O)

**Lease Purchase Data Warehouse/Infrastructure ..... \$1,800,000 .....RF**

The University of Kentucky has undertaken the creation of a data warehouse environment to facilitate reporting for the institution. In 2002, hardware was purchased to begin implementation of a data warehouse environment. The data repository has been completed, but there are several other phases of the project that will require hardware to be replaced or upgraded. The data warehouse environment will enable the University to more efficiently and effectively access the data required to provide vital information for decision making. (IT)

**Lease Purchase Digital Village Building 3 ..... \$22,200,000 .....RF**

This project will construct the third building in the Digital Village. The facility will house the department of Computer Science, Electrical and Computer Engineering, and the Center for Computational Science. The third building will be approximately 50,000 gross square feet. The Hardyman Building which has been constructed is Building 1. Building 2 is planned in the 2008-2010 biennium. Upon completion, the Digital Village will consist of 4 buildings.

The proposed facility will assist the University of Kentucky and the Commonwealth in becoming centers of nanoelectronic technology. It will extend the University's ability to compete in nanotechnology research which will lead to significant increases in funding. The facility will be prominent in serving as a magnet to high-tech industry and will foster the spin-off and development of small companies. It will provide access to educational resources that are designed to prepare students for the modern workplace and to participate fully in the technology-based economy. (C-O)

**Lease Purchase High Performance Research Computer..... \$6,500,000 .....RF**

It will be necessary to upgrade or replace the current high performance research computer system within the next two years to maintain and enhance the University's research computing

<u>Project Title / Description</u>	<u>Total Budget</u>	<u>Source(s)</u>
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capability. This environment is changing rapidly and enhancing large scale research computing provides the high speed parallel and cluster computing facilities required to solve today's research problems. (IT)

**Lease Purchase Large Scale Computing ..... \$3,500,000 .....RF**

It will be necessary to upgrade or replace the computing system supporting core computing systems within the next two years to provide the level of infrastructure required to maintain the University's core systems. (IT)

**Lease Purchase Network Security Hardware ..... \$1,500,000 .....RF**

The need to protect the University's network from the world of hackers, viruses, worms, etc. is an ever expanding requirement. The current environment of firewalls needs to be expanded to handle the larger bandwidths of the future. Devices and appliances need to be added to handle functions such as intrusion detection, intrusion prevention, bandwidth shaping, logging and interpretation of data, virus detection, encryption, certificate authorities, and other secure network logon environments. (IT)

**Lease Purchase New Housing ..... \$42,865,000 .....OT-LTF**

To request authorization to lease purchase newly constructed student housing. Total new construction will include new student residential space (156,700 GSF) as well as parking and service facilities for approximately 400 additional beds. This project is needed to support the University's Top 20 Business Plan goal of expanding student enrollment by providing necessary student housing. (C-O)

**Renovate Dental Lobby and Patient Registration ..... \$770,000 .....RF**

This project will renovate the patient lobby and registration area in the Dentistry Building. It will renovate approximately 2,800 net square feet of space. The project will realign patient registration, financial counseling, cashier services and patient records to improve efficiency and patient services. It will include reconfiguring of spaces, new finishes, and upgrades to the lighting, electrical, and HVAC systems.

In a review of the College of Dentistry's operational practices, Price Waterhouse Coopers has recommended that patient registration, financial counseling and cashiering services for the Dental Science Wing be centralized. To support this recommendation a renovation of first floor lobby space is required that will permit enhanced patient services and funneling of patient flow into an area for pre-registration, financial counseling and payment. Dental records will move to the ground level and the patient registration areas will be combined into one unit with supporting areas for individual counseling. The College of Dentistry provides indigent care to thousands of Kentuckians every year. To ensure the continued provision of free care as well as fulfilling its teaching and research missions, it is financially critical that the facilities promote efficiency to minimize costs. (C-PI)

**Renovate B & E (Business & Economics) Building ..... \$9,614,000 .....RF**

This project will renovate space in the Gatton Business & Economics Building that will be vacated by the College of Business & Economics who will vacate the building upon completion of their new facility. The new facility is planned to be complete in 2012. The renovation work anticipated for the existing building is some reconfiguring of spaces, new finishes, upgrades to plumbing, electrical, communication and HVAC systems, and upgrades to meet the applicable codes. This work is needed to meet the needs of the new occupants. (C-PI)

**Renovate College of Public Health Building ..... \$5,300,000 .....RF**

This project will renovate the College of Public Health Building (Research #1 Building). The work will include upgrades to finishes, mechanical, electrical, fire alarm, and communications systems. This building was constructed as a temporary research space in the 1960's then converted to

<u>Project Title / Description</u>	<u>Total Budget</u>	<u>Source(s)</u>
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office use with minimal funding. The College is seriously hampered in recruitment and retention due to this low grade space. (C-PI)

**Renovate Cooper House..... \$1,550,000 .....RF**

This project will renovate the Cooper House (approximately 7,669 gsf). The house was gutted for asbestos abatement and is uninhabitable. The renovation will include offices, conference rooms, support spaces, and the addition of an elevator. (C-PI)

**Renovate Education Space in the Seaton Center ..... \$3,600,000 .....RF**

This project will renovate approximately 11,000 net square feet of College of Education space in the Seaton Center. The renovation work will include a new gymnastics room, new classrooms, new ADA accessible entrance and elevator, and student study lounge. Though the space was not originally built for kinesiology instruction, it must be used for such. (C-PI)

**Renovate Law Building ..... \$7,120,000 .....RF**

This project will renovate space in the Law Building that will be vacated by the College of Law upon completion of its new facility. The planned project "Construct Law School Building" is planned to begin in the 2008-2010 biennium and the College is scheduled to vacate their existing facility in 2012. The vacated space will be used for the expanding enrollment, faculty, and research. Some modifications will be needed to adapt the space to the needs of the new occupants. (C-PI)

**Renovate Paul Anderson Tower ..... \$19,360,000 .....RF**

This project will renovate the F. Paul Anderson Tower and will impact approximately 95,000 gross square feet. The renovation will include some room modifications, new finishes, and upgrades to the plumbing, electrical, communication, and HVAC systems. The work will also include improvements to accessibility and code deficiencies. (C-PI)

**Renovate Reynolds Building, Phase 2 ..... \$5,000,000 .....RF**

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. Phase 1 is planned for the 2008-2010 biennium and Phase 3 is planned for the 2012-2014 biennium. (C-PI)

**Renovate Slone Building, Phase 2..... \$5,000,000 .....RF**

This project is phase 2 of the Slone Building renovation. Phase 1 is planned for the 2008-2010 biennium and will focus on upgrading the building's infrastructure including HVAC, plumbing, electrical, communications, roof, etc. Phase 2 will renovate the interior spaces and upgrade the exterior of the facility. The Slone Building is an aging facility and was not designed for the current uses of the Earth & Environment Sciences Department. Interior configurations, lighting, casework, and finishes need to be upgraded to meet the needs of geology instruction and research. (C-PI)

**Renovate Teaching Space in Kastle Hall ..... \$1,000,000 .....RF**

This project will renovate the lecture hall in Kastle Hall. The work will include upgrades to seating, room finishes, and smart classroom technology. The renovation includes approximately 2,500 net square feet of classroom space. The lecture hall is in need of an upgrade to seating, finishes, and technology as the demand for large lecture halls is increasing as enrollment increases. (C-PI)

**Repair, Upgrade & Expand Central Plants 2..... \$55,000,000 .....RF**

This project will repair, upgrade or expand the campus heating and cooling plant capacity at any of the University's existing central heating and cooling plants and/or construction of a new heating and cooling plant as well as repairs, upgrades or expansion at any of the University's electrical

<u>Project Title / Description</u>	<u>Total Budget</u>	<u>Source(s)</u>
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sub-stations. This project is needed to support the University's Top 20 Business Plan goal of expanding student enrollment and faculty by providing services in existing and future facilities. (C-O)

**Sprinkle Scovell Hall - Life Safety..... \$705,000 .....RF**  
 This project will sprinkle Scovell Hall is to minimize the risks to human health and safety. (C-PI)

**Upgrade Sound System for the Singletary Center..... \$1,000,000 .....RF**  
 This project will upgrade the sound system in the auditorium of the Singletary Center, providing a state-of-the-art system for the University's premier performing arts facility. (C-PI)

**Upgrade-Renovate-Improve or Expand Research Labs..... \$33,500,000 .....RF**  
 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. (C-PI)

**2012-2014**

**Acquire Land..... \$35,000,000 .....RF**  
 This project will allow land acquisition in accordance with the University's Top 20 Business Plan and Physical Development Plan. Authorization of this project will allow the University to purchase properties within the proposed boundaries of the University as such properties become available. (C-O)

**Construct Parking Structure #11 ..... \$36,600,000 .....OT-LTF**  
 The University's Physical Development Plan calls for seven new parking structures on campus by 2020. This project would construct an 1,500 space parking structure containing approximately 500,000 gross square feet. This project is needed to support the University's Top 20 Business Plan goal of expanding student enrollment and faculty by providing necessary parking services. (C-O)

**Construct University Conference Center ..... \$26,253,000 .....RF**  
 Construction of a new multi-purpose building consisting of offices, flexible conferencing spaces, classrooms and related space for the Japanese Saturday School, and supporting infrastructure. The 40,000 square foot space will provide a contemporary venue for teaching, information transfer, economic development and lifelong learning. This project would allow a space lease to be discontinued and space designs would be more suitable to their uses. (C-O)

**Expand Coldstream Research Campus, 3 ..... \$10,000,000 .....RF**  
 The Coldstream Research Campus anticipates that its University owned facilities (roads, grounds, utilities, buildings, interior spaces, and other infrastructure elements) will require upgrading/modification to meet the needs of the Research Campus's commercial occupants. The University needs capital authority to quickly deal with space and infrastructure upgrades or modifications required for contracts with commercial and private companies locating to Coldstream. To ensure that Coldstream is successful as a research and economic development enterprise, the University must have the flexibility to negotiate, sign, and implement contractual arrangements with private corporations in a very timely manner. (C-PI)

**Lease Purchase Campus Infrastructure Upgrade..... \$3,500,000 .....RF**  
 The campus communications infrastructure consists of cable plant, underground conduit systems and networking components. Periodically the infrastructure requires a major upgrade and

<u>Project Title / Description</u>	<u>Total Budget</u>	<u>Source(s)</u>
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expansion. This project is to replace, expand and install these components in order to meet the communications needs of faculty, students and staff. (C-O)

**Lease Purchase Data Warehouse/Infrastructure ..... \$1,800,000 .....RF**

The University of Kentucky has undertaken the creation of a data warehouse environment to facilitate reporting for the institution. In 2002, hardware was purchased to begin implementation of a data warehouse environment. The data repository has been completed, but there are several other phases of the project that will require hardware to be replaced or upgraded. The data warehouse environment will enable the University to more efficiently and effectively access the data required to provide vital information for decision making. (IT)

**Lease Purchase Digital Village Building 4 ..... \$24,230,000 .....RF**

This project will construct the fourth building in the Digital Village. The project will house the Department of Computer Science, Electrical and Computer Engineering, and the Center for Computational Science. Building 4 will be 50,000 gross square feet. Upon completion, the village will consist of four (4) buildings. The Hardymon Building which has been constructed is Building 1. Building 2 is requested in the 2008-2010 biennium and Building 3 is requested in the 2010-2012 biennium. The proposed facility will assist the University of Kentucky and the Commonwealth in becoming centers of nanoelectronic technology. It will extend the University's ability to compete in nanotechnology research which will lead to significant increases in funding. The facility will be prominent in serving as a magnet to high-tech industry and will foster the spin-off and development of small companies. It will provide access to educational resources that are designed to prepare students for the modern workplace and to participate fully in the technology-based economy. (C-O)

**Lease Purchase High Performance Research Computer..... \$6,500,000 .....RF**

It will be necessary to upgrade or replace the the current high performance research computer system within the next two years to maintain and enhance the University's research computing capability. This environment is changing rapidly and enhancing large scale research computing provides the high speed parallel and cluster computing facilities required to solve today's research problems. (IT)

**Lease Purchase Large Scale Computing ..... \$3,500,000 .....RF**

It will be necessary to upgrade or replace the computing system supporting core computing systems within the next two years to provide the level of infrastructure required to maintain the University's core systems. (IT)

**Lease Purchase Network Security Hardware ..... \$1,500,000 .....RF**

The need to protect the University's network from the world of hackers, viruses, worms, etc. is an ever expanding requirement. The current environment of firewalls needs to be expanded to handle the larger bandwidths of the future. Devices and appliances need to be added to handle functions such as intrusion detection, intrusion prevention, bandwidth shaping, logging and interpretation of data, virus detection, encryption, certificate authorities, and other secure network logon environments. (IT)

**Lease Purchase New Housing ..... \$46,960,000 .....OT-LTF**

To request authorization to lease purchase newly constructed student housing. Total new construction will include new student residential space (156,700 GSF) as well as parking and service facilities for approximately 400 additional beds. This project is needed to support the University's Top 20 Business Plan goal of expanding student enrollment by providing necessary student housing. (C-O)

<u>Project Title / Description</u>	<u>Total Budget</u>	<u>Source(s)</u>
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<b>Renovate Carnahan House</b> .....	<b>\$5,430,000</b>	<b>RF</b>
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This project will renovate the Carnahan House located at the Coldstream Research Campus. Capital renewal and code compliance renovations are needed before this space can be put to productive use as office space. (C-PI)

<b>Renovate Reynolds Building, Phase 3</b> .....	<b>\$3,000,000</b>	<b>RF</b>
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This project is Phase 3 of the renovation of the Reynolds building. The entire project will be completed in phases. Phase 1 is planned for the 2008-2010 biennium and Phase 2 is planned for the 2010-2012 biennium. 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. (C-PI)

<b>Repair, Upgrade &amp; Expand Central Plants 3</b> .....	<b>\$55,000,000</b>	<b>RF</b>
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This project will repair, upgrade or expand the campus heating and cooling plant capacity at any of the University's existing central heating and cooling plants and/or construction of a new heating and cooling plant as well as repairs, upgrades or expansion at any of the University's electrical sub-stations. This project is needed to support the University's Top 20 Business Plan goal of expanding student enrollment and faculty by providing services in existing and future facilities. (C-O)

<b>Upgrade the Vivarium in Sanders Brown Building</b> .....	<b>\$9,125,000</b>	<b>RF</b>
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This project will upgrade approximately 4,400 net square feet of vivarium space in the Sanders Brown Building. The renovation will include reconfiguring of spaces and upgrades to finishes and building support systems. These upgrades are needed to meet AAALAC requirements and to increase vivarium capacity to support growing research programs. (C-PI)

<b>Upgrade-Renovate-Improve or Expand Research Labs</b> .....	<b>\$33,500,000</b>	<b>RF</b>
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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. (C-PI)

**\*Notes**

- Priority rankings were required to be assigned only to those projects involving the state General Fund (cash or bonds) or Road Fund proposed for 2008-10 and projects involving Agency Bonds proposed for any biennium; all other projects are listed in alphabetical order.
- The total budget reflects a single fund source unless otherwise indicated.
- Descriptions are from the "Brief Description and Justification" field of the agency's capital plan submission.
- Fund Sources: AB = Agency Bonds; FF = Federal Funds; GF = General Fund; RF = Restricted Funds; OT-P = Other Funds/Private; OT-LTF = Other/Long-Term Financing; TF = Road Fund.
- Project Type: C-PI = Construction to Protect Investment in Plant (maintenance/renovation); C-O = Construction-Other; IT = Information Technology; EQ = Equipment; GL = Grant/Loan Program.