

**Postsecondary Education****Fiscal Year  
2009-2010****Fiscal Year  
2010-2011****Fiscal Year  
2011-2012****Murray State University****Construct New Breathitt Veterinary Center****30,000,000**

The project would construct a new 52,000 square foot veterinary diagnostic laboratory to meet the future demands of animal diagnostics and teaching. This facility would replace the existing 41 year old Breathitt Veterinary Center which is in need of major renovations and is too small to accommodate the increasing diagnostic needs of the region and the growing academic programs. A feasibility study has been completed to determine project programming and cost elements.

Restricted Funds

30,000,000

**Renovate Blackburn Science****28,903,000**

The Blackburn Science building was completed in 1950 and contains 139,217 square feet. There have been no recent major renovations of the building. This project will allow for a total renovation of the facility.

The VFA and Paulien & Associates study as commissioned by the Council on Postsecondary Education determined that in its current condition, the Blackburn Science building is not fit for continued use as a science facility. The study recommended that the facility be renovated to allow for continued use as other educational and general uses. This project would allow for a total renovation of the Blackburn Science building.

Restricted Funds

28,903,000

**Renovate Lovett Auditorium****21,967,000**

This project will fully renovate the interior and exterior of the 39,489 square foot Lovett Auditorium. This will preserve this historical landmark, constructed in 1928, on the main campus of Murray State University and provide a venue for concerts, meeting events, the theater and performing arts, etc.. The project will address life safety issues; code compliance; ADA issues; and will address much needed architectural modifications (new restrooms; window replacements; dressing rooms; sound and lighting equipment; stage curtains and fly-aways, etc.). The renovation will also include modern HVAC equipment.

Restricted Funds

21,967,000

**Construct Paducah Regional Campus Facility****17,646,000**

This project will allow for the design and construction of a new Regional Campus Facility on the newly acquired MSU land at the intersection of I-24 and US 62 in Paducah. The Facility will provide approximately 50,000 gross square feet of classrooms, offices and computer laboratories. In addition, the facility will support programs and services offered through the Commonwealth Virtual University. The Facility will greatly increase the number of baccalaureate and graduate level degree programs offered in the Paducah area.

The project financing is approved pursuant to KRS 45.763.

Other - Third Party Financing

17,646,000

**Complete Capital Renewal - E&G Pool < \$600,000****14,783,000**

This project pool will allow Murray State University to upgrade or replace facility systems that have exceeded at least 90 percent of their useful life at various Education and General (E&G) buildings. Each of these projects has an estimated cost of less than \$600,000.

Restricted Funds

14,783,000

<b>Postsecondary Education</b>	<b>Fiscal Year 2009-2010</b>	<b>Fiscal Year 2010-2011</b>	<b>Fiscal Year 2011-2012</b>
<b>Murray State University</b>			
<b>Upgrade Campus Electrical Distribution System</b>		<b>11,079,000</b>	
This upgrade to the main campus electrical distribution system includes upgrading the Central Plant Substation to replace the 40+ year old Physical Plant Substation. The project would also replace switches, underground cable and related equipment to ensure the reliability of the campus electrical system.			
Restricted Funds		11,079,000	
<b>Renovate College Courts</b>		<b>10,000,000</b>	
This project will renovate the 12 College Courts apartment buildings, including HVAC/electrical/mechanical systems, interior finishes and exterior building systems. These 40+ year old buildings provide on campus housing for married, graduate and non-traditional students.			
Agency Bonds		10,000,000	
<b>Renovate Elizabeth Hall</b>		<b>8,896,000</b>	
This project will redesign and rebuild the interior finishes, doors, door frame systems; replace windows; replace roofing; upgrade mechanical, electrical and plumbing distribution systems; and restore the bedrooms and support areas of the 45 year old Elizabeth Hall to new condition. The project will also include some land acquisition for needed residential parking and green space.			
Agency Bonds		8,896,000	
<b>Complete ADA Compliance - E&amp;G Pool &lt; \$600,000</b>		<b>4,604,000</b>	
This project pool will address the Americans with Disabilities Act (ADA) compliance needs, with an estimated cost of less than \$600,000 each, in the Education and General (E&G) buildings at Murray State University.			
Restricted Funds		4,604,000	
<b>Construct Multipurpose Practice Facility</b>		<b>4,000,000</b>	
This project will provide for the construction of 16,000 square foot multipurpose indoor practice space for the University's athletic program and office space for the men's and women's basketball staff. The facility will provide much needed practice space for the intercollegiate athletics program when weather prevents outdoor practice and other events are scheduled in the Regional Special Events Center.			
Restricted Funds		4,000,000	
<b>Chemistry Instructional and Research Instruments</b>		<b>2,450,000</b>	
This project will expand the major equipment holdings in the College of Science, Engineering and Technology for the Chemistry Department. The purchase of these scientific instruments will allow the Department to use state of the art laboratory equipment to enhance the instructional experience for Murray State science students.			
Restricted Funds		2,450,000	
<b>College of Science Instructional/Research Equipment</b>		<b>2,000,000</b>	
This equipment request would replace movable scientific equipment used for instruction and research in the College of Science, Engineering & Technology by the various academic departments. Most equipment used by the various science departments in the College of Science, Engineering & Technology has been in use since the Blackburn Science building was built in 1948 and the addition in 1968; therefore, most equipment is more than 40 years old.			
Restricted Funds		2,000,000	

**Postsecondary Education****Fiscal Year  
2009-2010****Fiscal Year  
2010-2011****Fiscal Year  
2011-2012****Murray State University****Acquire Farm Laboratory Land****2,000,000**

Due to the expanding School of Agriculture at Murray State University, new farm laboratory land is needed to support the educational program in animal and plant agriculture. This project would authorize funds for farm property acquisitions. The present University farms are being utilized to the maximum and there is no room for growth. Murray State's equine program has expanded in recent years and this has necessitated a change in our agronomy and forage land requirements.

Restricted Funds

2,000,000

**Complete Business and Research Center Tenant Space****1,948,000**

This project would complete approximately 15,000 square feet of office and incubation space for tenants in the Business and Research Center at Murray State University. Grant funds for the construction of this building, originally known as the Regional Center for Emerging Technology, did not allow for the completion of this tenant space.

Restricted Funds

1,948,000

**Replace Breathitt Veterinary Center Heating & Cooling System****1,860,000**

This project will replace the original centrifugal chiller, cooling tower, chilled water piping and all boilers in the 41 year old Breathitt Veterinary Center. The existing heating and cooling equipment is inefficient, utilizes environmentally unsafe R12 refrigerant and has exceeded its useful life. With this old equipment, building temperatures are difficult to control which negatively impacts diagnostic equipment operation and limits animal research.

Restricted Funds

1,860,000

**Campus Desktop Virtualization****1,725,000**

Desktop Virtualization would replace most Murray State University users desktop, and possibly laptop computers, with thin client products. Over time this initial investment would significantly reduce costs associated with computer acquisition, energy consumption, system administration and support, as well as system security.

Restricted Funds

1,725,000

**Construct Livestock Instructional Laboratory****1,700,000**

This project would allow the construction of a new livestock instructional laboratory that would replace the existing outdated dairy stall barn and offices. This facility would consist of offices, classrooms, restrooms and show/sale facilities to provide instruction for Murray State University's agriculture students as well as providing demonstration, education and research facilities for Murray State University's service region.

Restricted Funds

1,700,000

**ITV Upgrades to Murray State University System****1,453,000**

ITV (interactive television) is a teaching medium by which Murray State University serves its 18-county region. MSU's ITV equipment is quickly becoming outdated to the point replacement parts are no longer available. The new high definition ITV rooms would enhance teaching and learning for both faculty and students.

Restricted Funds

1,453,000

**Postsecondary Education****Fiscal Year  
2009-2010****Fiscal Year  
2010-2011****Fiscal Year  
2011-2012****Murray State University****Demolish Ordway Hall****1,158,000**

This project would allow for the demolition of Ordway Hall. The 38,600 square foot building was built in 1931. Consultants for the Kentucky Council on Postsecondary Education have recommended that the building be demolished because it is a fire hazard and is not ADA accessible. Demolition can be completed when another facility becomes available for the current occupants. The building will not be demolished until its current occupants can be relocated. The construction of a New Student Services Center has been proposed to meet this need. Other areas on campus might also be available as other new space is completed.

Restricted Funds

1,158,000

**Student Desktop Virtualization****1,150,000**

Student Desktop Virtualization would allow students, for a minimal fee, to rent a mobile computing unit that would provide access to campus software and the internet, thus eliminating their need for a personal laptop computer. Industry data anticipate that Desktop Virtualization will move into mainstream use by 2010. This virtual desktop system would replace student-owned computers with "mobile units" (which resembles a laptop), that could be wirelessly connected to central servers. Mobile Units are replaced every 8-10 years, require significantly less energy than computers, and dramatically reduce support requirements. All students could have access to the same programs.

Restricted Funds

1,150,000

**Complete Life Safety Projects - E&G Pool < \$600,000****1,042,000**

This project pool will allow Murray State University to complete life safety upgrades in various Education and General (E&G) buildings on the main campus. The projects include fire pump emergency generator installation, sprinkler installation and life safety elevator upgrades as recommended by the State Fire Marshal.

Restricted Funds

1,042,000

**Upgrade Applied Science Electrical System****1,029,000**

This project would upgrade the electrical system in the Applied Science Building to meet the increasing demands and to replace the current system which cannot adequately supply the academic and support departments located in the building.

The Applied Science Building was constructed in 1965 and the electrical system is not adequate for the current needs of the buildings occupants. In order to provide appropriate and adequate academic facilities to meet the academic mission of the University, electrical systems must be upgraded.

Restricted Funds

1,029,000

**Renovate Curris Ctr T'Room & Food Service Equipment****1,008,000**

This project would renovate the dining room and kitchen located in Murray State's Curris Center. The facility was constructed and food service equipment purchased in 1981 and only minor improvements have been made since that time. The existing equipment and dining facility are not adequate to meet the current student food service concepts and increased traffic.

Agency Bonds

1,008,000

**Postsecondary Education****Fiscal Year  
2009-2010****Fiscal Year  
2010-2011****Fiscal Year  
2011-2012****Murray State University****Acquire Land****1,000,000**

This project is a pool to be used for property acquisitions as properties become available. Because the main campus of Murray State University is located within the city of Murray, there is no room for growth outside the current campus boundaries. In order to continue providing the best possible physical facilities for our students and our region, Murray State has continually pursued the purchase of surrounding pieces of property as they have become available.

Restricted Funds

1,000,000

**Install Sprinkler System - Blackburn Science Bldg****1,000,000**

The Blackburn Science Building was constructed in 1950 and has no sprinkler system for fire safety. After further consideration, it was determined that this facility could be renovated/re-purposed to house other academic and administrative units. The State Fire Marshal has recommended the installation of a fire suppression system since the building is no longer scheduled for demolition.

Restricted Funds

1,000,000

**Construct Open-Sided Stall Barn at Expo Center****992,000**

This project would allow the construction of a 31,250 square foot 150 stall barn to complement and more effectively utilize the existing Livestock and Exposition Center located on Murray State University's West Farm. Many university and regional agriculture and equine events are limited because of the availability of stall space. This additional space would greatly improve the operating conditions of the Expo Center.

Restricted Funds

992,000

**Renovate Pogue Library Electric and HVAC****978,000**

This project would upgrade the electrical distribution system and install a modern HVAC system in the Pogue Library. The multiple package HVAC system now used in the Pogue Library does not provide adequate environmental controls for the sensitive materials housed in the various display/reference rooms. The electrical distribution is out of date and deteriorating. In order to maintain this facility in an acceptable condition to meet the academic and research needs of the students and the region, the HVAC and Electrical systems need to be renovated.

Restricted Funds

978,000

**Replace Central Plant Boilers****820,000**

This project will allow the replacement of two 30 year old natural gas-fired boilers and three inoperable electric boilers with three natural gas-fired boilers at Murray State University's Central Plant. These boilers are used to produce steam heat for most of the main campus buildings. The boilers will be dual-fired fuel source (natural gas primary and fuel oil secondary).

Restricted Funds

820,000

**Renovate A. Carman Pavilion - Completion****605,000**

The A. Carman Pavilion houses all the classrooms, laboratories and offices of the accredited Animal Health Technology academic program. The majority of the facility renovation and expansion was completed in 1999; however, a portion of the facility was not renovated due to funding limitations including the instructional laboratory and the large animal treatment area. This project would allow the renovation of the remainder of the building.

Restricted Funds

605,000

**Postsecondary Education****Fiscal Year  
2009-2010****Fiscal Year  
2010-2011****Fiscal Year  
2011-2012**

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**Murray State University****Scanning Electron Microscope - Hancock Biological Station****450,000**

This request will allow for the purchase of a scanning electron microscope (SEM) at Hancock Biological Station. The SEM is used for basic research and teaching to Murray State students as well as K-12 students in the service area.

Restricted Funds

25,000

Federal Funds

425,000

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**Construct College Courts Housing - Reauth**

This project reauthorizes a \$17,900,000 Other Funds appropriation. This project will allow for the replacement of the existing College Courts (Married Housing) as identified in the 2007 Campus Master Plan. The project would include the construction of 32 Townhouse style apartment units of approximately 3,000 square feet each. Each apartment would contain 6 beds or a total of 192 beds to replace the existing College Courts complex which were constructed from 1961-1966. The University is considering a variety of third-party financing options including: privatized housing, lease-purchase arrangement or the use of local government debt issuance authority.

The project financing is approved pursuant to KRS 45.763.

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**Construct Electrical Generation Plant - Reauthorization**

This project reauthorizes a \$6,050,000 Other Funds appropriation. This project would allow Murray State University to enter into a tri-party agreement with the Murray Electric System and the Tennessee Valley Authority to construct an electrical generation plant. The new plant would allow the University to utilize a variable price interruptible (VPI) electrical rate providing considerable annual savings in electric costs.

The project financing is approved pursuant to KRS 45.763.

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**Guaranteed Energy Savings Performance Contracts**

Energy audits will be conducted at the University's facilities to establish the need for Performance Contracting. Performance Contracting would then be used to replace inefficient equipment, and the source of payments for the performance contracts will be energy savings generated by the improvements which are budgeted within the operating budget. The Guaranteed Energy Performance Projects Pool serves as a central project pool for Guaranteed Energy Savings Performance Contracts in any University-owned building. These contracts will function as lease-purchase procurements, using energy savings as payment for improvements, as provided by KRS 56.770 to 56.784.

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<b>Postsecondary Education</b>	<b>Fiscal Year 2009-2010</b>	<b>Fiscal Year 2010-2011</b>	<b>Fiscal Year 2011-2012</b>
<b>Murray State University Total</b>		<b>178,246,000</b>	
<b>Restricted Funds</b>		<b>140,271,000</b>	
<b>Federal Funds</b>		<b>425,000</b>	
<b>Agency Bond Funds</b>		<b>19,904,000</b>	
<b>Other - Third Party Financing</b>		<b>17,646,000</b>	