2010-2016 CAPITAL PLAN PROPOSED CAPITAL PROJECT FORM SYP-P2 PLAN VERSION - 3

7/20/2009

Branch:

Executive Branch

Cabinet/Function:

Cabinet for Postsecondary Education

Agency/Institution:

University of Kentucky-University System

Project Title

Research Equipment Replacement Program

Cabinet

Agency Bond

Category

Equipment 2010-2012

Biennium

3

Priority Location (county) Agency

Fayette

Location (ADD)

Bluegrass ADD

Appropriation Unit

455U

Additional Funding?

Brief Description/Justification:

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

PROJECT BUDGET

Fund Sources

Amount

General Fund

30,000,000

Restricted Funds

Federal Funds

Road Fund

Agency Bonds

Other(Private - Cash) Other(LT Financing)

Total

30,000,000

Explanation of Project Budget

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

IMPACT ON OPERATING BUDGET?

PROJECT DETAIL

Method of Procurement

Purchase

Program Purpose

Research

Completion Date

06/2012

Existing Equipment?

No

Additional Description/Justification

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

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

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

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

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

Previous CAPITAL PLANS? Yes

2008-2014 Research Equipment Replacement Program

Differences between the current and most recent previous project?

No

Previous BUDGET REQUESTS? No

Previous BUDGET AUTHORIZATIONS? No