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James D. Dannenbaum  
Robert A. Estrada  
Printice L. Gary

Board Meeting: 2/7/2008  
Edinburg, Texas

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1. **U. T. System: Amendment of the FY 2008-2013 Capital Improvement Program and the FY 2008-2009 Capital Budget to include four projects with funding from Permanent University Fund Bond Proceeds:**

- **U. T. Austin Fire and Life Safety Projects**
- **U. T. Dallas Arts and Technology Facility**
- **U. T. El Paso Fire and Life Safety Projects**
- **U. T. Medical Branch - Galveston Administration Building Life Safety Renovations**

**RECOMMENDATION**

The Chancellor concurs with the Executive Vice Chancellor for Academic Affairs, the Executive Vice Chancellor for Health Affairs, the Executive Vice Chancellor for Business Affairs, and President Powers, President Daniel, President Natalicio, and President Callender that the U. T. System Board of Regents amend the FY 2008-2013 Capital Improvement Program (CIP) and the FY 2008-2009 Capital Budget to include four projects as set out in Table 1 on Page 9 and as set forth below:

- a. include one new construction project for the Arts and Technology Facility at The University of Texas at Dallas; and
- b. include the three repair and rehabilitation fire and life safety projects at The University of Texas at Austin, The University of Texas at El Paso, and The University of Texas Medical Branch at Galveston; appropriate funds and authorize expenditure; and authorize institutional management.

**BACKGROUND INFORMATION**

On August 23, 2007, the U. T. System Board of Regents approved the allocation of \$177,200,000 of Permanent University Fund (PUF) Bond Proceeds for 13 capital projects. On November 9, 2007, six of the capital projects were approved for inclusion in the FY 2008-2013 CIP with a total project cost of \$106,500,000 with \$87,500,000 allocated from PUF.

Four capital projects are being recommended at this time for inclusion in the FY 2008-2013 CIP with a total project cost of \$90,200,000 with \$51,200,000 allocated from PUF.

The three fire and life safety repair and rehabilitation projects being recommended at this time for inclusion in the FY 2008-2013 CIP are for U. T. Austin with a total project cost of \$2,600,000, U. T. El Paso with a total project cost of \$600,000, and the Administration Building Life Safety Renovations project at U. T. Medical Branch - Galveston with a total project cost of \$6,000,000 with funding of \$3,000,000 from PUF

and \$3,000,000 from Hospital Revenues. The total PUF allocation for the three fire and life safety projects is \$6,200,000. The three institutional Facilities Management personnel have the experience and capability to manage all aspects of the work.

The funding for the Arts and Technology Facility project at U. T. Dallas totals \$81,000,000 with funding of \$45,000,000 from PUF and \$36,000,000 from Revenue Financing System Bond Proceeds. The approval of the total project cost, design development, and appropriation of funding will be presented to the Board at a later date.

These proposed off-cycle projects have been approved by U. T. System staff and meet the criteria for inclusion in the CIP.

**Table 1  
Proposed PUF Projects to be included in the FY 2008-2013 Capital Improvement Program  
Projects to be included in CIP**

(\$ in millions)

Project Name	Project Type	TPC	PUF	RFS	Hospital Revenues	Project Description
<b>UT Austin</b>						
Fire and Life Safety Projects		\$ 2.6	\$ 2.6			
<b>UT Dallas</b>						
Arts and Technology Facility	New construction	\$ 81.0	\$ 45.0	\$ 36.0		Signature state of the art research & instructional building for emerging media technology; associate parking, renovation of vacated space and demolition of existing Visual Arts building. Note: Would serve fastest growing undergraduate and graduate program on campus; with strong industry demand for graduates. Additional project scope includes a match for gift funds for extensive beautification of surrounding campus.
<b>UT El Paso</b>						
Fire and Life Safety Projects		\$ 0.6	\$ 0.6			
<b>Medical Branch Galveston</b>						
Administration Building Life Safety Renovations		\$ 6.0	\$ 3.0	\$ 3.00		
<b>TOTAL PROJECTS</b>		<b>\$ 90.20</b>	<b>\$ 51.20</b>	<b>\$ 36.00</b>	<b>\$ 3.00</b>	
<b>TOTAL: NET OF FIRE AND LIFE SAFETY</b>			<b>\$ 6.20</b>			High priority projects include installation of fire alarms, fire sprinkler systems, fire pumps, smoke exhausts, and means of egress. Categories of buildings affected are medical facilities (patient care), high-rise buildings, large assembly occupancies, highly populated academic buildings with lecture auditoriums and large traffic flows, and laboratory or special hazard use buildings.

**Recommendations:**

1. Fire and Life Safety Projects to be institutionally managed
2. New construction to be brought back to the Board for design development approval at a later date

**Investment Metrics:**

UT Dallas Arts and Technology Facility: 1. Increased enrollment and number of graduates by 2015. 2. Increase research funding to \$1,700,000. 3. Raise national program ranking to top 10 nationally.

2. **U. T. Arlington: Yates and First Street Improvements - Amendment of the FY 2008-2013 Capital Improvement Program and the FY 2008-2009 Capital Budget to include project; approval of total project cost; appropriation of funds and authorization of expenditure; and resolution regarding parity debt**

**RECOMMENDATION**

The Chancellor concurs with the Executive Vice Chancellor for Academic Affairs, the Executive Vice Chancellor for Business Affairs, and President Spaniolo that the U. T. System Board of Regents amend the FY 2008-2013 Capital Improvement Program (CIP) and the FY 2008-2009 Capital Budget to include the Yates and First Street Improvements project at The University of Texas at Arlington as follows:

**Project No.:** 301-396

**Project Delivery Method:** Competitive Sealed Proposals

**Substantial Completion Date:** August 2009

<b>Total Project Cost:</b>	<u>Source</u>	<u>Proposed</u>
	Revenue Financing System Bond Proceeds	\$7,500,000

- a. approve a total project cost of \$7,500,000 with funding from Revenue Financing System Bond Proceeds;
- b. appropriate funds and authorize expenditure; and
- c. resolve in accordance with Section 5 of the Amended and Restated Master Resolution Establishing The University of Texas System Revenue Financing System that
  - parity debt shall be issued to pay the project's cost, including any costs prior to the issuance of such parity debt;
  - sufficient funds will be available to meet the financial obligations of the U. T. System, including sufficient Pledged Revenues as defined in the Master Resolution to satisfy the Annual Debt Service Requirements of the Financing System, and to meet all financial obligations of the U. T. System Board of Regents relating to the Financing System; and
  - U. T. Arlington, which is a "Member" as such term is used in the Master Resolution, possesses the financial capacity to satisfy its direct obligation as defined in the Master Resolution relating to the issuance by the U. T. System Board of Regents of tax-exempt parity debt in the aggregate amount of \$7,500,000.

## BACKGROUND INFORMATION

### Debt Service

The \$7,500,000 in Revenue Financing System debt will be repaid from designated funds. Annual debt service on the \$7,500,000 Revenue Financing System debt is expected to be \$752,000. The institution's debt service coverage is expected to average 1.7 times over FY 2008-2013.

### Project Description

The proposed project, including underground utility upgrades, must be completed prior to commencing construction of the Engineering Research Building scheduled to begin during Summer 2008. The design will include a pedestrian mall with landscaping and a tree-lined walking surface that will be designed to adequately handle occasional vehicular traffic for service, deliveries, and emergency use.

The road work will include the removal of Yates Street from UTA Boulevard to First Street and the removal of First Street from Yates Street to College Street.

This proposed off-cycle repair and rehabilitation project has been approved by U. T. System staff and meets the criteria for inclusion in the CIP.

3. **U. T. Austin: Data Center at the Central Receiving Building - Amendment of the FY 2008-2013 Capital Improvement Program and the FY 2008-2009 Capital Budget to include project; approval of total project cost; appropriation of funds and authorization of expenditure; and resolution regarding parity debt**

## RECOMMENDATION

The Chancellor concurs with the Executive Vice Chancellor for Academic Affairs, the Executive Vice Chancellor for Business Affairs, and President Powers that the U. T. System Board of Regents amend the FY 2008-2013 Capital Improvement Program (CIP) and the FY 2008-2009 Capital Budget to include the Data Center at the Central Receiving Building project at The University of Texas at Austin as follows:

**Project No.:** 102-394

**Project Delivery Method:** Design Build

**Substantial Completion Date:** May 2009



<b>Total Project Cost:</b>	<u>Source</u>	<u>Proposed</u>
	Revenue Financing System Bond Proceeds	\$25,000,000

**Investment Metrics:**

- Move critical IT services that support administrative, academic and research computing to a reliable data center facility that supports concurrent maintainability of facility infrastructure by 2009.
- Provide large, reliable, highly efficient, centralized data center to reduce the proliferation of small “data centers” by 2009.
- Eliminate single points of failure in the data center facility infrastructure by 2009.
- Meet current demand for space, power, and cooling for IT services. Limits have been reached for current data centers and new systems cannot be added that will increase power and cooling requirements without removing others by 2009.
- Make better use of underutilized space in the Central Receiving Building by 2009.

- a. approve a total project cost of \$25,000,000 with funding from Revenue Financing System Bond Proceeds;
- b. appropriate and authorize expenditure of funds; and
- c. resolve in accordance with Section 5 of the Amended and Restated Master Resolution Establishing The University of Texas System Revenue Financing System that
  - parity debt shall be issued to pay the project's cost, including any costs prior to the issuance of such parity debt;
  - sufficient funds will be available to meet the financial obligations of the U. T. System, including sufficient Pledged Revenues as defined in the Master Resolution to satisfy the Annual Debt Service Requirements of the Financing System, and to meet all financial obligations of the U. T. System Board of Regents relating to the Financing System; and
  - U. T. Austin, which is a "Member" as such term is used in the Master Resolution, possesses the financial capacity to satisfy its direct obligation as defined in the Master Resolution relating to the issuance by the U. T. System Board of Regents of tax-exempt parity debt in the aggregate amount of \$25,000,000.

## BACKGROUND INFORMATION

### Debt Service

The \$25,000,000 in Revenue Financing System debt will be repaid from designated funds. Annual debt service on the \$25,000,000 Revenue Financing System debt is expected to be \$1,900,000. The institution's debt service coverage is expected to be at least 1.9 times and average 2.2 times over FY 2008-2013.

### Previous Board Actions

On October 4, 2006, a Shared Services Initiative was approved and a need for an Austin Regional Data Center was identified. On February 8, 2007, the 1616 Guadalupe Regional Data Center Study was included in the CIP with a total project cost of \$500,000 with funding from Unexpended Plant Funds.

### Project Description

The project will renovate 12,000 gross square feet (GSF) of the Central Receiving Building (CRB) to construct the state-of-the-art data center based on the recommendation of the Regional Data Center Study. U. T. Austin employs a decentralized approach to server deployment and houses the majority of servers in small, department-specific data centers based upon availability of space and proximity. It has been determined in the Regional Data Center Study that this decentralized approach is not cost-effective, reliable, or secure. The study recommended creating a Primary Tier III highly-reliable data center accompanied by a secondary Tier I data center to meet U. T. Austin's immediate infrastructure needs for centralized administrative computing services.

The proposed new Tier III data center at the CRB will provide a highly-reliable data center that supports concurrent maintainability of facility infrastructure and reduces the demand for creation of a department-specific data center. The new Tier III data center at CRB will have full redundancy for power and cooling systems that will eliminate the single points of failure in the data center facility infrastructure and will meet current demand for space, power, and cooling for information technology services.

This proposed off-cycle repair and rehabilitation project has been approved by U. T. System staff and meets the criteria for inclusion in the CIP.

**4. U. T. Austin: Darrell K Royal - Texas Memorial Stadium - Maintenance and Renovation project - Amendment of the FY 2008-2013 Capital Improvement Program and the FY 2008-2009 Capital Budget to include project**

**RECOMMENDATION**

The Chancellor concurs with the Executive Vice Chancellor for Academic Affairs, the Executive Vice Chancellor for Business Affairs, and President Powers that the U. T. System Board of Regents amend the FY 2008-2013 Capital Improvement Program (CIP) and the FY 2008-2009 Capital Budget to include the Darrell K Royal - Texas Memorial Stadium - Maintenance and Renovation project at The University of Texas at Austin as follows:

**Project No.:** 102-370  
**Project Delivery Method:** Construction Manager at Risk  
**Substantial Completion Date:** August 2009

<b>Total Project Cost:</b>	<u>Source</u>	<u>Proposed</u>
	Revenue Financing System Bond Proceeds	\$21,000,000
	Gifts	<u>\$ 4,000,000</u>
		\$25,000,000

**Investment Metrics:**

- Add 4,000 bleacher seats in South End Zone
- Increase revenue from seats and licensing by \$2M annually by 2009
- Increase assignable square feet (ASF) in Moncrief-Neuhaus by 8,000 ASF by 2009

**BACKGROUND INFORMATION**

The project will include grandstand seating with space for concessions and restroom facilities between the W. A. "Tex" Moncrief, Jr. - V. F. "Doc" Neuhaus Athletic Center (Center) and the south end zone. Modifications to the Center include removal and replacement of the existing tent structure above the Center, a new floor surface below the tent structure, modifications to existing life-safety systems and egress pathways at the Center, improvements to the existing waterproofing system, enclosure of the existing covered walk between the tent structure and office wing, an HVAC system for the new enclosure, and other modifications to existing systems as may be necessary. Also included in the proposed project are renovations to the existing Dana X. Bible Academic Center and Spring Sports Coaches offices; improved security and site access features around Gate 32 and the east plaza at the Center; and necessary HVAC modifications at the east stadium suites.

Seating in the south end zone will permit additional patrons to view football games and increase the revenues for Intercollegiate Athletics which will provide the source of funds for the project. The planned modifications will replace existing installations that are at or near the end of their useful lives and upgrade existing facilities to comply with current life safety and accessibility standards. The modifications to the plaza near Gate 32 will increase patron amenities and provide additional parking for staff.

This proposed off-cycle project has been approved by U. T. System staff and meets the criteria for inclusion in the CIP.

**5. U. T. Austin: Jester East Residence Hall Fifth Floor Finishes - Pilot Project - Amendment of the FY 2008-2013 Capital Improvement Program and the FY 2008-2009 Capital Budget to include project; approval of total project cost; appropriation of funds and authorization of expenditure; and authorization of institutional management**

**RECOMMENDATION**

The Chancellor concurs with the Executive Vice Chancellor for Academic Affairs, the Executive Vice Chancellor for Business Affairs, and President Powers that the U. T. System Board of Regents amend the FY 2008-2013 Capital Improvement Program (CIP) and the FY 2008-2009 Capital Budget to include the Jester East Residence Hall Fifth Floor Finishes - Pilot Project at The University of Texas at Austin as follows:

**Project Delivery Method:** Competitive Sealed Proposals

**Institutional Managed:** Yes  No

**Substantial Completion Date:** August 2008

<b>Total Project Cost:</b>	<u>Source</u>	<u>Proposed</u>
	Auxiliary Enterprise Balances	\$3,000,000

- a. approve a total project cost of \$3,000,000 with funding from Auxiliary Enterprise Balances;
- b. appropriate and authorize expenditure of funds; and
- c. authorize U. T. Austin to manage the total project budgets, appoint architects, approve facility programs, prepare final plans, and award contracts.

BACKGROUND INFORMATION

The project consists of updating the finishes in the corridors, student rooms, supplemental rooms, and restrooms on the fifth floor of Jester Dormitory East Tower in the Beauford H. Jester Center. This project is a prototype that will set the standard for updating the finishes on the remaining floors in both the east and west wings of the Jester Dormitory Complex.

The student rooms and floors in Jester Center need new finishes and furniture to stay current with student needs and preferences in a competitive market. The floors are relatively unchanged since the building was opened 37 years ago.

This proposed off-cycle repair and rehabilitation project has been approved by U. T. System staff and meets the criteria for inclusion in the CIP. It has been determined that U. T. Austin Facility Management personnel have the experience and capability to manage all aspects of the work.

**6. U. T. Austin: Phase II - Liberal Arts Building - Amendment of the FY 2008-2013 Capital Improvement Program and the FY 2008-2009 Capital Budget to include project**

RECOMMENDATION

The Chancellor concurs with the Executive Vice Chancellor for Academic Affairs, the Executive Vice Chancellor for Business Affairs, and President Powers that the U. T. System Board of Regents amend the FY 2008-2013 Capital Improvement Program (CIP) and the FY 2008-2009 Capital Budget to include the Phase II - Liberal Arts Building project at The University of Texas at Austin as follows:

**Project No.:** 102-391

**Project Delivery Method:** Construction Manager at Risk

**Substantial Completion Date:** July 2011

<b>Total Project Cost:</b>	<u>Source</u>	<u>Proposed</u>
	Revenue Financing System Bond Proceeds	\$ 60,000,000
	Gifts	<u>\$ 40,000,000</u>
		\$100,000,000

**Investment Metrics:**

- Provide an interdisciplinary center for several social sciences and area studies departments and research centers by 2012.
- Add approximately 235 faculty offices and about 300 graduate student offices. There will also be 12 laboratories of various functions and 12 collaborative research suites by 2012.
- Add 23 general purpose classrooms holding 1,450 students. Additionally, there will be about 20 departmental classrooms. Study and lounge space will also be provided for students using the building by 2012.

**BACKGROUND INFORMATION**

U. T. Austin has identified a severe space shortage for the College of Liberal Arts with both faculty office and laboratory space far short of current needs. In addition, the College of Liberal Arts is expected to add 70 new faculty positions over the next six years in an effort to move into the top tier of public Liberal Arts colleges.

The proposed new project will construct a six- to seven-level building of approximately 200,000 gross square feet (GSF) to house various Liberal Arts departments. Placing these currently fragmented departments together will foster cross-disciplinary research among faculty and strengthen efforts to provide support for both research and instruction. The building will also house a student center that will provide critically needed classrooms, study space, facilities, and services to Liberal Arts students.

Location of the project on the East Mall will require the removal of Russell A. Steindam Hall and the ROTC Rifle Range Building to achieve optimal land use.

This proposed off-cycle project has been approved by U. T. System staff and meets the criteria for inclusion in the CIP.

7. **U. T. Austin: Marine Science Institute - Natural Estuarine Research Reserve Headquarters and Laboratory Expansion - Amendment of the FY 2008-2013 Capital Improvement Program and the FY 2008-2009 Capital Budget to include project**

**RECOMMENDATION**

The Chancellor concurs with the Executive Vice Chancellor for Academic Affairs, the Executive Vice Chancellor for Business Affairs, and President Powers that the U. T. System Board of Regents amend the FY 2008-2013 Capital Improvement Program (CIP) and the FY 2008-2009 Capital Budget to include the Marine Science Institute - Natural Estuarine Research Reserve (MSI-NERR) Headquarters and Laboratory Expansion project at The University of Texas at Austin as shown on the following page.

**Project No.:** 102-395  
**Project Delivery Method:** Construction Manager at Risk

**Substantial Completion Date:** October 2010

<b>Total Project Cost:</b>	<u>Source</u>	<u>Proposed</u>
	Gifts	\$ 2,500,000
	Grants	\$10,200,000
	Designated Funds	<u>\$ 6,500,000</u>
		\$19,200,000

- Investment Metrics:**
- This project will enable the NERR program to work with regional groups and local communities on natural resource management issues, and, by 2010, to develop strategies that successfully address them for issues such as pollution, invasive species, and habitat restoration.
  - Development of programs to work with K-12 will be enhanced by this project allowing actual field research exercises and assisting grade school teachers in establishing marine science programs within their education system through professional development programs by 2010.
  - MSI facilities are fully occupied and dedicated to other uses. The laboratory expansion will include new offices and laboratories to accommodate expansion of faculty at MSI by 2010.

### BACKGROUND INFORMATION

The Mission Aransas - National Estuarine Research Reserve (MA-NERR) is one of the regions in a federal program that encompasses 27 biological regions along the United States coastline. The National Oceanic and Atmospheric Administration (NOAA) administers the national program and the U. T. Austin Marine Science Institute (MSI) was appointed as the managing agency for the portion of the NERR program located along the southeast Texas coast.

The project will construct a headquarters building and a research building for the MA-NERR to be located at the MSI in Port Aransas, Texas, along with laboratory expansion space for MSI research. The headquarters building will include laboratories and offices for NERR administration, space for a coastal training program, research space, stewardship space, and a multiuse resource center. The laboratory expansion will include space for MSI research laboratories and offices for permanent scientific staff and visiting scientists.

This proposed off-cycle project has been approved by U. T. System staff and meets the criteria for inclusion in the CIP.

8. **U. T. San Antonio: John Peace Library Building Renovation - Phase I - Amendment of the FY 2008-2013 Capital Improvement Program and the FY 2008-2009 Capital Budget to include project; approval of total project cost; appropriation of funds and authorization of expenditure; and authorization of institutional management**

**RECOMMENDATION**

The Chancellor concurs with the Executive Vice Chancellor for Academic Affairs, the Executive Vice Chancellor for Business Affairs, and President Romo that the U. T. System Board of Regents amend the FY 2008-2013 Capital Improvement Program (CIP) and the FY 2008-2009 Capital Budget to include the John Peace Library Building Renovation - Phase I project at The University of Texas at San Antonio as follows:

**Project Delivery Method:** Competitive Sealed Proposals

**Institutional Managed:** Yes  No

**Substantial Completion Date:** April 2009

<b>Total Project Cost:</b>	<u>Source</u>	<u>Proposed</u>
	Unexpended Plant Funds	\$2,805,000

- a. approve a total project cost of \$2,805,000 with funding from Unexpended Plant Funds;
- b. appropriate and authorize expenditure of funds; and
- c. authorize U. T. San Antonio to manage the total project budgets, appoint architects, approve facility programs, prepare final plans, and award contracts.

**BACKGROUND INFORMATION**

**Project Description**

The project will renovate approximately 57,000 gross square foot (GSF) in the existing John Peace Library Building to improve functionality and appearance. Several areas to be addressed are the Special Collections, Information Commons, Reference Department, Multimedia Center, and Circulation Area. The work will update electrical equipment, built-in specialties and equipment, and interior finishes.

This request is for Phase I only of a multiphase project. Two additional phases of renovation work for the John Peace Library Building will be submitted at a future date.



This proposed off-cycle repair and rehabilitation project has been approved by U. T. System staff and meets the criteria for inclusion in the CIP. It has been determined that U. T. San Antonio Facility Management personnel have the experience and capability to manage all aspects of the work.

**9. U. T. Medical Branch - Galveston: University Boulevard Research Building - Amendment of the FY 2008-2013 Capital Improvement Program and the FY 2008-2009 Capital Budget to include project**

**RECOMMENDATION**

The Chancellor concurs with the Executive Vice Chancellor for Health Affairs, the Executive Vice Chancellor for Business Affairs, and President Callender that the U. T. System Board of Regents amend the FY 2008-2013 Capital Improvement Program (CIP) and the FY 2008-2009 Capital Budget to include the University Boulevard Research Building project at The University of Texas Medical Branch - Galveston as follows:

**Project No.:** 601-398  
**Project Delivery Method:** Competitive Sealed Proposals

**Substantial Completion Date:** August 2012

<b>Total Project Cost:</b>	<u>Source</u>	<u>Proposed</u>
	Gifts	\$30,000,000
	Revenue Financing System Bonds	\$29,500,000
	Permanent University Fund Bond Proceeds	<u>\$30,500,000</u>
	*\$30.5 Permanent University Bond (PUF) Proceeds transferred from Victory Lakes;	\$90,000,000

- Investment Metrics:**
- Increase research and research support space available to the campus by 83,000 net square feet by 2012
  - Increase extramural funding by 20% by 2014

**BACKGROUND INFORMATION**

The project will include a new facility of approximately 140,000 gross square feet (GSF). The biomedical laboratory building will have an emphasis on translation research promoted through synergy with researchers, clinicians, and academics within this and adjacent buildings. The facility will provide laboratory, vivarium, office, and support space.

The project will require chilled water, steam, and electrical services. Chilled water and steam lines are adjacent to the site but will need to be extended to the building. Electrical power will also need to be brought to the building site from the power infrastructure supplier.

The proposed funding includes \$30,500,000 from PUF Bond Proceeds to be transferred from the August 10, 2006 PUF allocation for the Specialty Care Center at Victory Lakes project.

This proposed off-cycle project has been approved by U. T. System staff and meets the criteria for inclusion in the CIP.

**10. U. T. Austin: Experimental Science Building/Vivarium/Phase I - Robert A. Welch Hall - Request for approval of design development; appropriation of funds and authorization of expenditure; approval of evaluation of alternative energy economic feasibility; and resolution regarding parity debt**

**RECOMMENDATION**

The Chancellor concurs with the Executive Vice Chancellor for Academic Affairs, the Executive Vice Chancellor for Business Affairs, and President Powers that the U. T. System Board of Regents approve the recommendations for the Experimental Science Building/Vivarium/Phase I - Robert A. Welch Hall project at The University of Texas at Austin as follows:

**Project No.:** 102-259

**Project Delivery Method:** Construction Manager at Risk

**Substantial Completion Date:** ESB and Vivarium - October 2010/Phase I Welch Hall - December 2011

<b>Total Project Cost:</b>	<u>Source</u>	<u>Current</u>
	Permanent University Fund Bond Proceeds	\$ 55,000,000
	Tuition Revenue Bond Proceeds	\$105,000,000
	Revenue Financing System Bond Proceeds	<u>\$ 15,000,000</u>
		\$175,000,000

- Investment Metrics:**
- House up to 13 faculty laboratories in fume hood intensive chemistry research, 14 laboratories in neuroscience, and the entire Center for Learning and Memory with up to 15 faculty research laboratories by 2010/11
  - Provide more than 13,000 square feet of organic chemistry undergraduate instructional laboratories by 2010/11
  - Will include large vivarium as well as advanced imaging facilities (NMR, MRI, electron microscopy) by 2010/11
  - Will house the administrative suite for the School of Biological Sciences by 2010/11

- a. approve design development plans;
- b. appropriate funds and authorize expenditure of funds;
- c. approve the evaluation of alternative energy economic feasibility; and
- d. resolve in accordance with Section 5 of the Amended and Restated Master Resolution Establishing The University of Texas System Revenue Financing System that
  - parity debt shall be issued to pay the project's cost, including any costs prior to the issuance of such parity debt;
  - sufficient funds will be available to meet the financial obligations of the U. T. System, including sufficient Pledged Revenues as defined in the Master Resolution to satisfy the Annual Debt Service Requirements of the Financing System, and to meet all financial obligations of the U. T. System Board of Regents relating to the Financing System; and
  - U. T. Austin, which is a "Member" as such term is used in the Master Resolution, possesses the financial capacity to satisfy its direct obligation as defined in the Master Resolution relating to the issuance by the U. T. System Board of Regents of tax-exempt parity debt in the aggregate amount of \$120,000,000.

## BACKGROUND INFORMATION

### Debt Service

The 79th Legislature authorized \$105,000,000 of Tuition Revenue Bonds for an engineering science building. While the debt service is payable from pledged revenues, it is expected that the State will reimburse debt service on Tuition Revenue Bonds through general revenue appropriations. The \$15,000,000 in Revenue Financing System debt will be repaid from designated funds. Annual debt service on the \$15,000,000 Revenue Financing System debt is expected to be approximately \$1,100,000. The project's debt service coverage is expected to average 1.4 times over FY 2008-2013.

### Previous Board Actions

**Experimental Science Building** - On June 20, 2006, the project was included in the Capital Improvement Program (CIP) with a preliminary project cost of \$125,000,000 with funding of \$105,000,000 from Tuition Revenue Bond Proceeds and \$20,000,000 from Revenue Financing System Bond Proceeds. On August 11, 2006, the funding was revised to \$105,000,000 from Tuition Revenue Bond Proceeds and \$20,000,000 from Permanent University Fund (PUF) Bond Proceeds

**Vivarium** - On June 20, 2006, the project was included in the CIP with a preliminary project cost of \$15,000,000 with funding from Revenue Financing System Bond Proceeds.

**Robert A. Welch Hall** - On August 11, 2006, the project was included in the CIP with a preliminary project cost of \$60,000,000 with funding of \$35,000,000 from PUF and \$25,000,000 from Revenue Financing System Bond Proceeds.

**Experimental Science Building/Vivarium/Phase 1 - Robert A. Welch Hall** - On February 8, 2007, the projects were combined and redesignated as the Experimental Science Building/Vivarium/Phase I - Robert A. Welch Hall. The total project cost was revised to \$175,000,000 and funding revised to \$55,000,000 from PUF, \$105,000,000 from Tuition Revenue Bond Proceeds, and \$15,000,000 from Revenue Financing System Bond Proceeds.

### Project Description

This project will provide a six-level facility of approximately 287,000 gross square feet (GSF) with modern, technology-enabled classrooms and undergraduate teaching laboratories critical to U. T. Austin's ability to continue to provide excellence in science education to the students of Texas. The building will provide office and laboratory research space to recruit and retain faculty in critical academic initiative areas such as neuroscience, computational biology, environmental sciences, pharmacy, and molecular and cellular biology. Included in the project is a vivarium of approximately 20,000 GSF that will be used to support research conducted in the Experimental Science Building.

The project also includes Phase I renovations to approximately 50,000 GSF of Robert A. Welch Hall for use as a modern chemistry teaching and research laboratory building.

### Basis of Design

The planned building life expectancy includes the following elements:

- Enclosure: 45-50 years
- Building Systems: 25-30 years
- Interior Construction: 20-30 years

The exterior appearance and finish are consistent with existing campus buildings and with the existing Campus Master Plan. The project includes solar panels on the roof and a green roof that are not visible from ground level. The mechanical and electrical building systems are designed with sufficient flexibility and space for future capacity to allow for changes without significant disruption to ongoing activities. The interior appearance and finish are consistent with existing campus buildings.

Texas Government Code Section 2166.403 requires the governing body of a State agency to verify in an open meeting the economic feasibility of incorporating alternative energy devices into a new State building or an addition to an existing building. Therefore, the Project Architect prepared a renewable energy evaluation for this project in accordance with the Energy Conservation Design Standards for New State Buildings. This evaluation determined that alternative energy devices such as solar, wind, biomass, or photovoltaic energy are not economically feasible for the project.

**11. U. T. Dallas: Math, Science and Engineering Teaching-Learning Center - Amendment of the FY 2008-2013 Capital Improvement Program and the FY 2008-2009 Capital Budget to increase the total project cost; approval of design development; appropriation of funds and authorization of expenditure; approval of evaluation of alternative energy economic feasibility; and resolution regarding parity debt**

**RECOMMENDATION**

The Chancellor concurs with the Executive Vice Chancellor for Academic Affairs, the Executive Vice Chancellor for Business Affairs, and President Daniel that the U. T. System Board of Regents approve the recommendations for the Math, Science and Engineering Teaching-Learning Center project at The University of Texas at Dallas as follows:

**Project No.:** 302-280

**Project Delivery Method:** Competitive Sealed Proposals

**Substantial Completion Date:** April 2010

<b>Total Project Cost:</b>	<u>Source</u>	<u>Current</u>	<u>Proposed</u>
	Permanent University Fund Bond Proceeds	\$24,300,000	\$24,300,000
	Revenue Financing System Bond Proceeds	\$ 2,700,000	\$ 5,400,000
		\$27,000,000	\$29,700,000

- Investment Metrics:**
- Increase undergraduate majors from 800 to 1500 by 2015
  - Increase graduate majors from 400 to 1000 by 2015
  - Increase research assistants from 5 to 20 by 2015
  - Increase tenure-track faculty from 80 to 120 by 2015
  - Increase part-time faculty from 15 to 30 by 2015
  - Increase research dollars (teaching) from \$250,000 to \$2,000,000 by 2015
  - Increase degree programs from 24 to 33 by 2015
  - Increase ranking (teaching) to top 25 by 2015

- a. amend the FY 2008-2013 Capital Improvement Program (CIP) and the FY 2008-2009 Capital Budget to increase the total project cost from \$27,000,000 to \$29,700,000;

- b. approve design development plans;
- c. appropriate funds and authorize expenditure of funds;
- d. approve the evaluation of alternative energy economic feasibility; and
- e. resolve in accordance with Section 5 of the Amended and Restated Master Resolution Establishing The University of Texas System Revenue Financing System that
  - parity debt shall be issued to pay the project's cost, including any costs prior to the issuance of such parity debt;
  - sufficient funds will be available to meet the financial obligations of the U. T. System, including sufficient Pledged Revenues as defined in the Master Resolution to satisfy the Annual Debt Service Requirements of the Financing System, and to meet all financial obligations of the U. T. System Board of Regents relating to the Financing System; and
  - U. T. Dallas, which is a "Member" as such term is used in the Master Resolution, possesses the financial capacity to satisfy its direct obligation as defined in the Master Resolution relating to the issuance by the U. T. System Board of Regents of tax-exempt parity debt in the aggregate amount of \$5,400,000.

## BACKGROUND INFORMATION

### Debt Service

The \$5,400,000 in Revenue Financing System debt will be repaid from interest on local funds. Annual debt service on the \$5,400,000 Revenue Financing System debt is expected to be approximately \$438,000. The institution's debt service coverage is expected to average 1.6 times over FY 2008-2013.

### Previous Board Action

On August 10, 2006, the project was included in the CIP with a total project cost of \$27,000,000 with funding of \$24,300,000 from Permanent University Fund (PUF) Bond Proceeds and \$2,700,000 from Revenue Financing System Bond Proceeds.

### Project Description

The project is a comprehensive facility for providing focused, research-based, high-quality education in mathematics, science, and engineering for U. T. Dallas students in their freshman and sophomore years of study. The facility will be equipped to serve

concurrently as a major laboratory for research on effective teaching and learning techniques in these fields, both at the college level and through full range from kindergarten through 12th grade. The facility will include a lecture hall, recitation areas, instructional laboratories, offices for faculty and tutors, and shell space for future program elements. The instructional facilities will incorporate the full range of cutting-edge learning technologies, along with measurement apparatus to collect data for research on evidence-based enhancements in student learning. The building will house instructional activities in freshman and sophomore mathematics, physics, chemistry, biology, and geosciences courses. The instructional facilities will also serve as research laboratories in which faculty in the Department of Mathematics and Science Education can develop evidence-based improvements for the learning process in mathematics and the sciences through the entire K-16 regime while simultaneously directly improving U. T. Dallas instructional quality.

The increase in total project cost is necessary to maintain as much of the original scope as possible in a time of inflation of construction costs.

### Basis of Design

The planned building life expectancy includes the following elements:

- Enclosure: 50-60 years
- Building Systems: 15-25 years
- Interior Construction: 15-50 years

The exterior appearance and finish are consistent with existing campus buildings and with the existing Campus Master Plan. The mechanical and electrical building systems are designed with sufficient flexibility and space for future capacity to allow for changes without significant disruption to ongoing activities. The interior appearance and finish are consistent with existing campus buildings.

*Texas Government Code* Section 2166.403 requires the governing body of a State agency to verify in an open meeting the economic feasibility of incorporating alternative energy devices into a new State building or an addition to an existing building. Therefore, the Project Architect prepared a renewable energy evaluation for this project in accordance with the Energy Conservation Design Standards for New State Buildings. This evaluation determined that alternative energy devices such as solar, wind, biomass, or photovoltaic energy are not economically feasible for the project.

**12. U. T. Austin: Biomedical Engineering Building - Amendment of the FY 2008-2013 Capital Improvement Program and the FY 2008-2009 Capital Budget to increase the total project cost; revise the funding sources; and appropriation of funds and authorization of expenditure**

RECOMMENDATION

The Chancellor concurs with the Executive Vice Chancellor for Academic Affairs, the Executive Vice Chancellor for Business Affairs, and President Powers that the U. T. System Board of Regents approve the recommendations for the Biomedical Engineering Building project at The University of Texas at Austin as follows:

**Project No.:** 102-172

**Architecturally or Historically Significant:** Yes  No

**Project Delivery Method:** Construction Manager at Risk

**Substantial Completion Date:** March 2009

<b>Total Project Cost:</b>	<u>Source</u>	<u>Current</u>	<u>Proposed</u>
	Revenue Financing System Bond Proceeds	\$40,500,000	\$40,500,000
	Unexpended Plant Funds	\$ 8,600,000	\$ 8,600,000
	Gifts	<u>\$ 8,000,000</u>	\$ 8,000,000
	Interest on Local Funds		<u>\$20,000,000</u>
		\$57,100,000	\$77,100,000

- Investment Metrics:**
- Provide space for Pharmacy to add 10 medicinal chemistry laboratories, 10 faculty offices, and 50 graduate student spaces
- a. amend the FY 2008-2013 Capital Improvement Program (CIP) and the FY 2008-2009 Capital Budget to increase the total project cost from \$57,100,000 to \$77,100,000;
  - b. revise the funding sources to \$40,500,000 from Revenue Financing System Bond Proceeds, \$8,000,000 from Gifts, \$8,600,000 from Unexpended Plant Funds, and \$20,000,000 from Interest on Local Funds; and
  - c. appropriate additional funds and authorize expenditure of \$20,000,000 from Interest on Local Funds.



## BACKGROUND INFORMATION

### Previous Board Actions

On August 7, 2003, the project was included in the CIP with a preliminary project cost of \$25,000,000 with funding from Designated Tuition. On November 12, 2003, the Board designated the project as architecturally significant. On August 11, 2005, the total project cost was increased to \$55,100,000 with funding revised to \$43,900,000 from Revenue Financing System Bond Proceeds, \$8,000,000 from Gifts, and \$3,200,000 from Unexpended Plant Funds. On November 10, 2005, the Board approved the design development plans and revised the funding to \$40,500,000 from Revenue Financing System Bond Proceeds, \$8,000,000 from Gifts, and \$6,600,000 from Unexpended Plant Funds. On October 2, 2006, the Chancellor approved the increase in total project cost to \$57,100,000 with funding of \$40,500,000 from Revenue Financing System Bond Proceeds, \$8,000,000 from Gifts, and \$8,600,000 from Unexpended Plant Funds.

### Project Description

Current construction on the Biomedical Engineering Building is on schedule and within budget. U. T. Austin is requesting the increase in total project cost to add approximately 39,000 gross square feet (GSF) to the building to provide space for the Pharmacy Department to add 10 medicinal chemistry labs, 10 faculty offices, and 50 graduate student spaces.

The building will consist of six floors containing approximately 140,700 GSF to house the College of Engineering (Biomedical Engineering) currently housed in three separate facilities, provide quality laboratory research space for the College of Pharmacy (Medicinal Chemistry), and provide biology teaching laboratory space for the College of Natural Sciences.

The building will provide new administrative, faculty, and student spaces, and research, teaching, and computer laboratories plus seminar and conference room spaces to support a variety of research and education activities.

13. **U. T. Austin: College of Communications - New - Amendment of the FY 2008-2013 Capital Improvement Program and the FY 2008-2009 Capital Budget to increase the total project cost**

## RECOMMENDATION

The Chancellor concurs with the Executive Vice Chancellor for Academic Affairs, the Executive Vice Chancellor for Business Affairs, and President Powers that the U. T. System Board of Regents amend the FY 2008-2013 Capital Improvement Program (CIP) and the FY 2008-2009 Capital Budget to increase the total project cost for the College of Communications - New project at The University of Texas at Austin as shown on the following page.

**Project No.:** 102-041  
**Project Delivery Method:** Construction Manager at Risk

**Substantial Completion Date:** March 2012

<b>Total Project Cost:</b>	<u>Source</u>	<u>Current</u>	<u>Proposed</u>
	Gifts	\$45,000,000	\$54,000,000

**Investment Metrics:**

College of Communications:

- The Jesse H. Jones Communication Center was completed in 1974 to serve 1,000 students. Today, the College of Communications includes more than 4,200 students, 125 faculty and 140 staff. Construction of the new facility will provide the resources necessary to meet the demands of past growth by 2012.
- The new facility will consolidate the College of Communications complex and release approximately 32,000 square feet in Walter Webb Hall, Lake Austin Boulevard Center, and 2609 University Avenue back to the University by 2013.
- The new facility will consolidate and reduce the burden of more than 40 percent of the communication classes that are taught in other buildings on campus by 2013.
- The new facility will assist in the College's effort to establish a program endowment for research and teaching in the area of media convergence by 2013/2014.
- The new facility will enable the College to recruit the best faculty and graduate students by 2013/2014.

KUT Radio:

- Will increase local and national exposure of the creative and intellectual assets of the University. University professors, researchers, and lecturers are regularly featured on KUT and national programs from KUT's studios and will be featured more prominently as a result of the expanded capacity and improved access by 2013/2014.
- Will enhance and expand the current cooperative journalism education program combining the expertise of the KUT newsroom and the School of Journalism by 2013/2014.
- Will increase public participation and support of KUT by the increased capacity, improved and visible accessibility, and digital media focus of the new facility by 2013/2014.
- Additional studio capacity and digital media facility design will enable KUT to expand broadcast and digital content services, operate multiple stations and digital media services from one facility, and increase overall audience service and support from the listening public by 2013/2014.

## BACKGROUND INFORMATION

### Previous Board Action

On November 11, 1999, the project was included in the CIP with a total project cost of \$32,000,000 with funding from Gifts. With the adoption of the FY 2008-2013 CIP on August 23, 2007, the total project cost was increased to \$45,000,000 with funding from Gifts.

### Project Description

The project will involve the construction of 100,000 gross square feet (GSF) to provide the space and technology infrastructure to meet the needs of an expanding and evolving College of Communications as well as the offices and broadcast studios for the KUT radio station.

The request to increase the total project cost to \$54,000,000 is to add broadcast and performance space for the KUT radio station. The additional funding for the project will be funded with \$9,000,000 from Gifts.

**14. U. T. Austin: School of Nursing Addition - Amendment of the FY 2008-2013 Capital Improvement Program and the FY 2008-2009 Capital Budget to increase the total project cost; revise the funding sources; and appropriation of funds and authorization of expenditure**

**RECOMMENDATION**

The Chancellor concurs with the Executive Vice Chancellor for Academic Affairs, the Executive Vice Chancellor for Business Affairs, and President Powers that the U. T. System Board of Regents approve the recommendations for the School of Nursing Addition project at The University of Texas at Austin as follows:

**Project No.:** 102-198

**Project Delivery Method:** Construction Manager at Risk

**Substantial Completion Date:** March 2009

<b>Total Project Cost:</b>	<u>Source</u>	<u>Current</u>	<u>Proposed</u>
	Grants	\$4,000,000	
	Designated Funds		\$1,425,000
	Unexpended Plant Funds		\$2,425,000
	Permanent University Fund Bond Proceeds		<u>\$2,800,000</u>
			<u>\$6,650,000</u>

- a. amend the FY 2008-2013 Capital Improvement Program (CIP) and the FY 2008-2009 Capital Budget to increase the total project cost from \$4,000,000 to \$6,650,000;
- b. revise the funding source of \$4,000,000 from Grants to \$2,800,000 from Permanent University Fund (PUF) Bond Proceeds, \$1,425,000 from Designated Funds, and \$2,425,000 from Unexpended Plant Funds; and
- c. appropriate funds and authorize expenditure of funds.

**BACKGROUND INFORMATION**

**Previous Board Action**

On February 4, 2004, the project was included in the CIP with a total project cost of \$4,000,000 with funding from Grants.

## Project Description

The project consists of renovation work of 5,000 gross square feet (GSF) to correct fire and life safety and ADA issues. The 10,100 GSF of infill space will provide two floors of new office and suite space, research seminar rooms, libraries, and general office support space. The project will infill the second plaza and third floors of the existing School of Nursing building at the western side of the courtyard.

The increase in total project cost will address necessary improvements to the addition intended to accommodate faculty and the regional dean and associated programs from the U. T. Health Science Center - Houston School of Public Health, add fire sprinklers to the entire building, replace the building fire alarm, and remedy other code compliance issues within the building. The fire and life safety additions for the overall building were not budgeted with the previous total project cost, and escalation in the construction market has affected the anticipated costs for the addition to the Nursing Building. Previous estimates were associated with an anticipated but unfunded National Institutes of Health (NIH) construction grant request from 2004.

The proposed revised funding of \$2,800,000 includes \$1,800,000 of PUF from Library, Equipment, Repair and Rehabilitation (LERR) from the Nursing Support Initiative with U. T. Health Science Center - Houston allocated in May 2006 and \$1,000,000 allocated from the FY 2007 Faculty Science and Technology Acquisition and Retention Program (STARs). The revised funding of \$1,425,000 from Designated Funds and \$2,425,000 from Unexpended Plant Funds completes the proposed funding for the total project cost and scope of work.

15. **U. T. Dallas: Campus Landscape Enhancement Project - Amendment of the FY 2008-2013 Capital Improvement Program and the FY 2008-2009 Capital Budget to increase the total project cost; revise the funding sources; appropriation of additional funds and authorization of expenditure; and resolution regarding parity debt**

## RECOMMENDATION

The Chancellor concurs with the Executive Vice Chancellor for Academic Affairs, the Executive Vice Chancellor for Business Affairs, and President Daniel that the U. T. System Board of Regents approve the recommendations for the Campus Landscape Enhancement Project at The University of Texas at Dallas as follows:

**Project No.:** 302-244

**Project Delivery Method:** Construction Manager at Risk

**Substantial Completion Date:** January 2009

<b>Total Project Cost:</b>	<u>Source</u>	<u>Current</u>	<u>Proposed</u>
	Gifts	\$10,000,000	\$25,000,000
	Revenue Financing System Bond Proceeds		<u>\$ 5,000,000</u>
			\$30,000,000

- a. amend the FY 2008-2013 Capital Improvement Program (CIP) and the FY 2008-2009 Capital Budget to increase the total project cost from \$10,000,000 to \$30,000,000;
- b. revise the funding sources to \$25,000,000 from Gifts and \$5,000,000 from Revenue Financing System Bond Proceeds;
- c. appropriate and authorize expenditure of additional funds of \$15,000,000 from Gifts and \$5,000,000 from Revenue Financing System Bond Proceeds; and
- d. resolve in accordance with Section 5 of the Amended and Restated Master Resolution Establishing The University of Texas System Revenue Financing System that
  - parity debt shall be issued to pay the project's cost, including any costs prior to the issuance of such parity debt;
  - sufficient funds will be available to meet the financial obligations of the U. T. System, including sufficient Pledged Revenues as defined in the Master Resolution to satisfy the Annual Debt Service Requirements of the Financing System, and to meet all financial obligations of the U. T. System Board of Regents relating to the Financing System; and
  - U. T. Dallas, which is a "Member" as such term is used in the Master Resolution, possesses the financial capacity to satisfy its direct obligation as defined in the Master Resolution relating to the issuance by the U. T. System Board of Regents of tax-exempt parity debt in the aggregate amount of \$5,000,000.

### BACKGROUND INFORMATION

#### Debt Service

The \$5,000,000 in Revenue Financing System debt will be repaid from local funds. Annual debt service on the \$5,000,000 in Revenue Financing System debt is expected to be approximately \$534,000. The institution's debt service coverage is expected to average 1.9 times over FY 2008-2013.

### Previous Board Action

On May 10, 2006, the repair and rehabilitation project was included in the CIP with a total project cost of \$10,000,000 and funding appropriated from Gifts.

### Project Description

The enhancement of the U. T. Dallas campus landscape master plan is intended to create a visually attractive perimeter to the campus and central plaza and other areas. This project provides green spaces and a significant central plaza where students, faculty, and staff can congregate.

The increase to the total project cost is to cover the cost to complete the Phase I construction of the Peter Walker and Partners (PWP) design to achieve the project scope. The landscape master plan has identified two areas to be addressed in Phase I of the project - the Mall and University Parkway including the entry circle at the School of Management. Each of these areas will assist with both the activation of social space on the campus as well as the overall creation of a new identity for U. T. Dallas. The Mall will provide a fabric of open space that links the existing Library and Student Union building and extends to the south to link the School of Management and the Student Activity Center. The forestation of University Parkway will enhance the front door vehicular entrance to the campus.

The Phase I portion of the project will be split into four distinct areas to include the forestation of University Parkway with new densely planted vegetation to resemble the forested creeks on the east and west edges of campus; construction, landscaping, and roadwork for a new traffic circle at the northern end of University Parkway and the southern termination of the new campus mall; construction of a new landscaped mall with water feature, landscaping, and covered pedestrian walkways; and construction of a high canopy trellis above the library plaza with flowering plants and water feature at the northern termination of the new campus mall.

16. **U. T. El Paso: Physical Sciences/Engineering Core Facility - Amendment of the FY 2008-2013 Capital Improvement Program and the FY 2008-2009 Capital Budget to increase the total project cost and approval to reallocate Permanent University Fund Bond Proceeds**

### RECOMMENDATION

The Chancellor concurs in the recommendation of the Executive Vice Chancellor for Academic Affairs, the Executive Vice Chancellor for Business Affairs, and President Natalicio that the U. T. System Board of Regents amend the FY 2008-2013 Capital Improvement Program (CIP) and the FY 2008-2009 Capital Budget as shown on the following page.

**Project Number.:** 201-268

**Project Delivery Method:** Competitive Sealed Proposals

**Substantial Completion Date:** October 2009

<b>Total Project Cost:</b>	<u>Source</u>	<u>Current</u>	<u>Proposed</u>
	Tuition Revenue Bond Proceeds	\$76,500,000	\$76,500,000
	Permanent University Fund Bond Proceeds	<u>\$ 7,300,000</u>	<u>\$ 8,500,000</u>
		\$83,800,000	\$85,000,000

- a. increase the total project cost from \$83,800,000 to \$85,000,000; and
- b. approve the reallocation of \$1,200,000 from Permanent University Fund (PUF) Bond Proceeds.

### BACKGROUND INFORMATION

#### Previous Board Actions

On August 11, 2006, the project was included in the CIP with a preliminary project cost of \$85,000,000 with funding of \$76,500,000 from Tuition Revenue Bond Proceeds and \$8,500,000 from PUF. In September 2006, the Chancellor approved the design development plans for the renovation portion of the project. On November 16, 2006, the Board approved the appropriation of the funding in the amount of \$21,000,000 from Tuition Revenue Bond Proceeds for the repair and rehabilitation portion of the project.

#### Project Description

On November 16, 2006, the U. T. System Board of Regents approved reducing the total project cost from \$85,000,000 to \$83,800,000 with funding of \$1,200,000 from PUF allocated to allow for the purchase of a commercial building property located at 3401 North Mesa Street. The property purchase transaction was not completed. U. T. El Paso is now requesting approval to move the \$1,200,000 in PUF funding back into the project for construction.



**17. U. T. Health Science Center - Houston: U. T. Research Park Complex - Amendment of the FY 2008-2013 Capital Improvement Program and the FY 2008-2009 Capital Budget to increase the total project cost of the Biomedical Research and Education Facility/Neuroscience Building portion of the project and appropriation of additional funds and authorization of expenditure**

**RECOMMENDATION**

The Chancellor concurs with the Executive Vice Chancellor for Health Affairs, the Executive Vice Chancellor for Business Affairs, and President Willerson that the U. T. System Board of Regents approve the recommendations for the Biomedical Research and Education Facility (BREF)/Neuroscience Building portion of the U. T. Research Park Complex project at The University of Texas Health Science Center at Houston as follows:

**Project No.:** 701-320

**Project Delivery Method:** Construction Manager at Risk

**Substantial Completion Date:** September 2010

<b>Total Project Cost for the Research Park Complex:</b>	<u>Source</u>	<u>Current</u>	<u>Proposed</u>
	Unexpended Plant Funds	\$ 22,900,000	\$ 36,180,739
	Permanent University Fund Bond Proceeds	\$ 59,100,000	\$ 59,100,000
	Tuition Revenue Bond Proceeds	\$ 60,000,000	\$ 60,000,000
	Gifts	\$ 2,000,000	\$ 2,000,000
	Revenue Financing System Bond Proceeds	<u>\$ 17,500,000</u>	<u>\$ 17,500,000</u>
		<u>\$161,500,000</u>	<u>\$174,780,739</u>

<b>Total Project Cost for the Stage 1 (BREF) of the Research Park Complex:</b>	<u>Source</u>	<u>Current</u>	<u>Proposed</u>
	Permanent University Fund Bond Proceeds	\$41,100,000	\$41,100,000
	Unexpended Plant Funds	<u>\$22,900,000</u>	<u>\$36,180,739</u>
		<u>\$64,000,000</u>	<u>\$77,280,739</u>

<b>Total Project Cost for the Stage 2 (DBRB) of the Research Park Complex:</b>	<u>Source</u>	<u>Current</u>
	Permanent University Fund Bond Proceeds	\$18,000,000
	Tuition Revenue Bond Proceeds	\$60,000,000
	Gifts	\$ 2,000,000
	Revenue Financing System Bond Proceeds	<u>\$17,500,000</u>
		<u>\$97,500,000</u>

- a. amend the FY 2008-2013 Capital Improvement Program (CIP) and the FY 2008-2009 Capital Budget to increase the total project cost of the U. T. Research Park Complex from \$161,500,000 to \$174,780,739;
- b. increase the Stage I total project cost for the BREF/Neuroscience Building portion of the U. T. Research Park Complex from \$64,000,000 to \$77,280,739; and

- c. appropriate and authorize expenditure of additional funds in the amount of \$13,280,739 from Unexpended Plant Funds.

## BACKGROUND INFORMATION

### Previous Board Actions

**Biomedical Research and Education Facility (BREF)** - On August 10, 2006, the project was included in the CIP with a preliminary project cost of \$62,000,000 with funding of \$41,100,000 from Permanent University Fund (PUF) Bond Proceeds and \$20,900,000 from Gifts.

**Dental Branch Replacement Building (DBRB)** - On August 10, 2006, the project was included in the CIP with a preliminary project cost of \$80,000,000 with funding of \$18,000,000 from PUF Bond Proceeds, \$60,000,000 from Tuition Revenue Bond Proceeds, and \$2,000,000 from Gifts.

**Mental Sciences Institute Replacement Facility** - On November 11, 1999, the project was included in the CIP with a preliminary project cost of \$20,700,000 with funding from Unexpended Plant Funds. On August 9, 2001, the Board approved reducing the total project cost to \$16,500,000 with funding from Unexpended Plant Funds. On August 8, 2002, the Board approved the increase in the total project cost to \$22,500,000 with funding of \$16,500,000 from Unexpended Plant Funds and \$6,000,000 from Hospital Revenues.

**Research Park Complex** - On November 16, 2006, the three projects were combined and redesignated as the Research Park Complex, and funding was revised with a total project cost of \$161,500,000 with funding of \$60,000,000 from Tuition Revenue Bond Proceeds, \$59,100,000 from PUF Bond Proceeds, \$19,500,000 from Unexpended Plant Funds, and \$22,900,000 from Gifts. With the adoption of the FY 2008-2013 CIP, the project scope was increased to include a parking garage and the funding was revised with a total project cost of \$161,500,000 with funding of \$60,000,000 from Tuition Revenue Bond Proceeds, \$59,100,000 from PUF Bond Proceeds, \$22,900,000 from Unexpended Plant Funds, \$2,000,000 from Gifts, and \$17,500,000 from Revenue Financing System Bond Proceeds. On August 23, 2007, the Board approved design development plans for the BREF portion of the project with a total project cost of \$64,000,000 with funding of \$41,100,000 from PUF Bond Proceeds and \$22,900,000 from Unexpended Plant Funds.

### Project Description

The request to increase the total project cost for the BREF/Neuroscience Building portion of the project will allow for the build-out of the Current Good Manufacturing Practice (cGMP) suite and the build-out of a larger area of the vivarium. Both of these areas were previously designated as shell space. Also included in the additional funding is shared funding from U. T. Health Science Center - Houston for a tunnel to connect the Research Park Complex to the Center for Advanced Biomedical Imaging Research

Building at U. T. M. D. Anderson Cancer Center, and funding for information technology infrastructure for the majority of the Research Park Complex.

**18. U. T. M. D. Anderson Cancer Center: Center for Advanced Biomedical Imaging Research - Amendment of the FY 2008-2013 Capital Improvement Program and the FY 2008-2009 Capital Budget to combine the project with the Center for Advanced Biomedical Imaging Research Build-Out project and approval of the total project cost**

RECOMMENDATION

The Chancellor concurs with the Executive Vice Chancellor for Health Affairs, the Executive Vice Chancellor for Business Affairs, and President Mendelsohn that the U. T. System Board of Regents approve the recommendations for the Center for Advanced Biomedical Imaging Research (CABIR) project at The University of Texas M. D. Anderson Cancer Center as follows:

**Institutionally Managed:** Yes  No

**Project Delivery Method:** Construction Manager at Risk

**Substantial Completion Date:** February 2011

<b>Total Project Cost for CABIR:</b>	<u>Source</u>	<u>Current</u>
	Grants	\$30,000,000
	Gifts	\$25,000,000
	Hospital Revenues	<u>\$33,000,000</u>
		\$88,000,000
<b>Total Project Cost for CABIR Build Out:</b>	<u>Source</u>	<u>Current</u>
	Gifts	\$20,690,000
	Hospital Revenues	<u>\$23,370,000</u>
		\$44,060,000
<b>Total Project Cost for Combined Projects:</b>	<u>Source</u>	<u>Proposed</u>
	Grants	\$ 30,000,000
	Gifts	\$ 45,690,000
	Hospital Revenues	<u>\$ 56,370,000</u>
		\$132,060,000

- Investment Metrics:**
- 30-50% growth in principal investigators by 2011
  - 40-50% growth in research grants by 2012
  - Establish collaboration with the Center for Targeted Therapy by 2011

- a. amend the FY 2008-2013 Capital Improvement Program (CIP) and the FY 2008-2009 Capital Budget to combine the CABIR Building project and the CABIR Building Build-Out project; and

- b. approve a total project cost of \$132,060,000 with funding of \$30,000,000 from Grants, \$45,690,000 from Gifts, and \$56,370,000 from Hospital Revenues.

## BACKGROUND INFORMATION

### Previous Board Actions

**CABIR Building** - On August 7, 2003, the project was included in the CIP with a preliminary project cost of \$55,000,000 with funding of \$42,500,000 from Grants and \$12,500,000 from Gifts. On August 11, 2006, the Board approved design development plans, revised funding sources, and appropriated funding of \$30,000,000 from Grants and \$25,000,000 from Gifts. On November 16, 2006, the Board approved the increase in total project cost and revised the funding sources to \$88,000,000 with funding of \$30,000,000 from Grants, \$25,000,000 from Gifts, and \$33,000,000 from Hospital Revenues.

**CABIR Building Build-Out** - On August 23, 2007, the repair and rehabilitation project was included in the CIP with a preliminary project cost of \$44,060,000 with funding appropriated in the amount of \$23,370,000 from Hospital Revenues and \$20,690,000 from Gifts.

### Project Description

Pursuant to a Memorandum of Understanding effective August 26, 2004, U. T. M. D. Anderson Cancer Center has delegated authority for institutional management of construction projects under the continued oversight of the Office of Facilities Planning and Construction. The institutionally managed projects are subject to review by the Board of Regents for design development.

U. T. M. D. Anderson Cancer Center is requesting approval to combine the CABIR project and the CABIR Build-Out project. The CABIR will create a new six-story facility with approximately 314,000 gross square feet (GSF) to be located at the U. T. Research Park on the South Campus. The first stage includes site work, a six-story shell and core, and the initial interior build-out of approximately 121,200 square feet on the first and second floors. Construction is currently underway for the first stage. The second stage will build out shell space within the building. The tenants of CABIR are targeting a fully programmed facility to coincide with the availability of the adjoining Center for Targeted Therapy Research Building now in design. This new strategy provides a more efficient utilization of site parcels and building.

The CABIR is a collaborative project involving multiple funding sources including support from the Texas Enterprise Fund. In addition, GE Healthcare will contribute sophisticated technology and instrumentation, including a cyclotron to produce radionuclides. The research will focus on both preclinical and clinical investigations

using Positron Emission Tomography scanning to detect and monitor cardiovascular disease and cancer. Scientists will utilize sophisticated probes to seek out cancer cells with specific molecular abnormalities and image them with scanning and other technologies. New advances will enable physicians to select appropriate treatments and determine within hours or days instead of months the effectiveness of cancer therapy. The CABIR will be a unique program that brings together the expertise of GE Healthcare and researchers to create new ways of diagnosing cancer and cardiac disease and selecting the appropriate therapy.