

U. T. System: Discussion and appropriate action regarding request for approval of academic institutions' list of projects as submitted to the Texas Legislature for Tuition Revenue Bond funding

RECOMMENDATION

The Chancellor concurs in the recommendation of the Executive Vice Chancellor for Academic Affairs, the Executive Vice Chancellor for Business Affairs, and the Presidents of the respective U. T. System academic institutions that the U. T. System Board of Regents approve the following projects for submission to the Texas Legislature for Tuition Revenue Bond (TRB) funding.

A chart summarizing the projects is set forth on the following pages.

ACADEMIC INSTITUTIONS

- U. T. Arlington:** Science and Engineering Innovation and Research Building
College of Nursing and Allied Health Professions Academic and Research Building
- U. T. Austin:** Robert A. Welch Hall Renovation
McCombs School of Business Renovation
- U. T. Dallas:** Engineering Building
Science Building
- U. T. El Paso:** Interdisciplinary Research Facility (Barry/Burges Hall Replacement)
College of Business Administration Complex
- U. T. Permian Basin:** School of Engineering Building
Kinesiology and Athletic Complex
- U. T. Rio Grande Valley:**
- Brownsville Campus:** Multipurpose Academic Center
Fine Arts and Classrooms Building
Student Success and Administrative Building

Pan American Campus: Interdisciplinary Engineering and Academic Studies Building

U. T. San Antonio: Instructional Science and Engineering Building

Peter T. Flawn Building Renovations and Adaptive Reuse

U. T. Tyler: STEM Building

BACKGROUND INFORMATION

If approved for TRB funding by the Legislature, each project will be submitted to the Board of Regents for addition to the Capital Improvement Program and design development approval.

Academic Institutions - 84th Legislative Session - Capital Project Requests

| INSTITUTION | NAME OF FACILITY PROPOSED | BRIEF PROJECT DESCRIPTION | PROJECT TYPE | TRB REQUEST | TOTAL PROJECT COST | \$/GSF | OFPC COMPARABLE PROJECTS RANGE (\$/GSF) | OFPC COMPARABLE PROJECTS RANGE AVG (\$/GSF) | ADDITIONAL COMMENTS |
|--------------|---|---|--|----------------|--------------------|--------|---|---|---------------------------------|
| UT Arlington | Science and Engineering Innovation and Research Building (SEIR) | <p>Priority #1</p> <p>This project entails the construction of a new 210,000 GSF Science & Engineering Innovation & Research (SEIR) Building, along with integration and renovation of the existing 210,612 GSF Life Science Building (LSB), which was constructed in 1970; including a small in-fill construction on the existing building. The new SEIR Building will connect to the existing Life Science structure via a two-level sky-bridge at levels 3 and 4. The new building will add approximately 210,000 GSF. The 1st floor will include large multi-use collaborative space which will be available for all instructional programs on campus as such space is in short supply. Inclusion of these spaces in the program will increase efficiencies and save instructional budgeted dollars. Innovative research and teaching labs will comprise the majority of the 2nd, 3rd, and 4th floors, providing approximately 120,000 GSF. The 5th floor will be "shelled" for future build-out as an Animal Research Facility and additional research labs. The SEIR will specifically house Bioengineering, the new Resource Engineering program, Architectural Engineering, Engineering Management, Biology, Science, and Health Science programs. LSB is occupied by College of Science and includes Biology, Psychology, Bio-Engineering, the Animal Research Facility, research offices, and a significant number of lecture halls and dedicated laboratories. Technological advancements have necessitated the complete refurbishment of the existing teaching and research labs.</p> | New Construction and Repair and Rehabilitation | \$ 190,000,000 | \$ 211,000,000 | \$486 | \$323-\$755 Reno; \$577-\$851 New | \$595 | Institutional Funds = \$21M RFS |
| UT Arlington | College of Nursing and Allied Health Professions Academic and Research Building | <p>Priority #2</p> <p>This project involves the construction of a new 200,000 square foot College of Nursing and Allied Health Professions Academic and Research Building to primarily serve as a multidisciplinary research, development, and training facility. This facility will house state-of-the-art classroom facilities, research lab space for Nursing and Kinesiology, faculty offices, media productions for at-distance instruction, professional advising staff located in an enrollment and student services center, computer testing centers/labs and an expanded Smart Hospital. The building will further serve to enhance collaborations with other existing units having emphases in the area of "Health and Human Condition". The proposed building will provide the much needed space to address the growing needs of the College of Nursing and Allied Health Professions allowing enrollment in this discipline to increase (double) to meet the nursing and other healthcare needs of the State of Texas. The facility will also address an overcrowded condition in the Department of Kinesiology providing state-of-the-art research lab space this is desperately needed.</p> | New Construction | \$ 99,000,000 | \$ 110,000,000 | \$550 | \$480 - \$849 | \$614 | Institutional Funds = \$11M RFS |

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|-------------|---------------------------------------|--|---------------------------|----------------|--------------------|--------|---|---|---|
| UT Austin | Robert A. Welch Hall Renovation | <p>Priority #1 This project involves the renovation of the existing 312,420 GSF Robert A. Welch Hall building and will help transform the College of Natural Sciences (CNS) into a multidisciplinary program-based organization and will improve their ability to recruit and retain talented faculty and accommodate program growth projections. The renovation will provide modern laboratory and classroom spaces, as well as new infrastructure to support the teaching and research mission of the College. The renovation will allow for flexible responses to changes in science research and education, and improved space utilization will allow CNS to achieve its strategic goals in terms of enrollment, research funding, and development of interdisciplinary programs.</p> | Repair and Rehabilitation | \$ 100,000,000 | \$ 125,000,000 | 400 | \$302 - \$768 | \$452 | Institutional Funds = \$25M Unexpended Plant Funds |
| UT Austin | McCombs School of Business Renovation | <p>Priority #2 This project involves a major renovation of the existing McCombs School of Business buildings on the University of Texas at Austin campus to create an expanded center to support needed innovations in the curriculum, such as team exercises and use of technology, that are impossible in the current facilities. The project will include a variety of renovations and building systems upgrades on all floors and areas of the existing buildings, including approximately 384,000 GSF. This includes creating new, highly flexible classrooms, offices and support areas. The renovation will enable the School to add faculty, thus reducing the student-to-faculty ratio, consistent with the strategic plan.</p> | Repair and Rehabilitation | \$ 105,000,000 | \$ 170,000,000 | \$443 | \$429 - \$692 | \$524 | Institutional Funds = \$40M Gifts and \$25M Unexpended Plant Funds |
| UT Dallas | Engineering Building | <p>Priority #1 This project involves a 200,000 square foot, multi-story building that will accommodate enrollment of 2,000 additional students, 57 tenured and tenure-track faculty members, and 10 senior lecturers for the School of Engineering and Computer Science. UT Dallas urgently needs additional space to accommodate expanded student enrollment, increased degree production, and improved graduation rates. Space is becoming UT Dallas's limiting factor in meeting its objective to become a major, nationally competitive "tier one" research university serving highly qualified students who may otherwise leave Texas.</p> | New Construction | \$ 99,000,000 | \$ 110,000,000 | \$550 | \$523 - \$735 | \$652 | Institutional Funds = \$11M RFS |
| UT Dallas | Science Building | <p>Priority #2 This project will contain approximately 175,000 square foot that will provide efficiently designed space to support the optimal productivity of the faculty and staff of the UT Dallas Departments of Physics and of Mathematical Sciences as they carry out their teaching, advising, and research activities. The building will also provide acutely needed space for classrooms specifically designed for math and physics instruction, and laboratories both for instruction and for those types of physics research that do not involve specialized infrastructure elements. This building will accommodate university growth of 1,750 additional students, 50 tenured and tenure-track faculty members, and 20 senior lecturers. A well-designed building of adequate size will directly improve student success in these two "gateway" disciplines and provide new synergistic energy in research projects founded in theoretical and computational science.</p> | New Construction | \$ 95,000,000 | \$ 95,000,000 | \$543 | \$342-\$684 | \$515 | |

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| UT El Paso | Interdisciplinary Research Facility (Barry/Burges Hall Replacement) | Priority #1 This project will construct a 293,000 square foot building which will integrate research, institutional research support and teaching spaces. The proposed facility supports UTEP's long established vision to become the first national research university with a 21st century demographic. The proposed facility will require demolition of two adjacent and underutilized campus buildings, both of which were originally constructed as student dormitories nearly 50 years ago. Replacing them with a state-of-the-art research facility will make productive and efficient use of this prime location and will help accelerate UTEP's progress toward becoming a nationally recognized research university. | New Construction | \$ 117,000,000 | \$ 130,000,000 | \$355 | \$348 - \$649 | \$485 | Significant demolition included in TPC. Institutional funds = \$13M Local funds |
| UT El Paso | College of Business Administration Complex | Priority #2 This project will construct a new College of Business Administration (COBA) Complex comprising 215,000 GSF/ 139,750 NASF. The complex will accommodate all COBA undergraduate and graduate programs, an Executive Education Center and academic conference space. The proposed project will contribute significantly to the implementation of UTEP's strategic plan and its continued progress toward becoming the first national research (Tier One) university with a 21st century student demographic. It will increase capacity to recruit and retain highly competitive faculty members, as well as graduate and undergraduate students with whom they will work, and greatly expand business education opportunities at all levels for residents of the surrounding region. | New Construction | \$ 94,500,000 | \$ 105,000,000 | \$366 | \$323 - \$520 | \$487 | "\$/GSF" is for new building only. Costs for Parking Structure (\$19,000/space = \$9.5M) is within range for UTEP design standards. Thermal plant (\$1.5M) is appropriate for 500 Tons + back-up and utilities. Institutional Funds = \$10.5M. |
| UT Permian Basin | School of Engineering Building | Priority #1 The project calls for the construction of an estimated 80,000 GSF engineering building on the Midland campus to provide more efficient operation of current bachelor's degree programs in petroleum and mechanical engineering; programs of critical importance to the continued growth of the regional economy. The facility will also allow space for Industrial Technology program expansions in areas relevant to the petroleum industry. The building will include space for classrooms, instructional labs, research endeavors, administrative offices and student support services. | New Construction | \$ 60,000,000 | \$ 60,000,000 | \$750 | \$589 - \$863 | \$733 | Significant premium for complex construction in Midland / Odessa |
| UT Permian Basin | Kinesiology and Athletic Complex | Priority #2 This project will house the Kinesiology Department classrooms, labs, offices, and storage areas; house the Athletic Training Major's classrooms, lab, training room, storage, and office spaces; house a Strength and Conditioning Center for Kinesiology, Athletics, and student recreational use; provide locker rooms, office space, storage space, and restroom facilities for all outdoor athletic teams (Baseball, Softball, Men's Soccer, Women's Soccer, Cross Country, Track, Golf, & Tennis); and provide athletics with satellite administration office space. State-of-the-art labs will enhance the department's ability to recruit additional students and enhance SCH generation at both the undergraduate and graduate levels. | New Construction | \$ 6,250,600 | \$ 8,450,600 | \$200 | \$352 - \$479 | \$414 | No premium added: Simple construction. Institutional Funds = \$2.2M |

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| UT Rio Grande Valley (Brownsville Campus) | Multipurpose Academic Center | <p>Priority #1</p> <p>The project will add an academic facility with a total of 177,527, GSF. The facility will include 132,527 GSF for much needed classrooms for science, biology, chemistry, environmental sciences, and physics and an additional 45,000 GSF will provide space for general purpose classrooms. 294,955 GSF is currently being leased from TSC and other private property owners. The lifespan of the leases is between two and six years; therefore, UTRGV Brownsville campus has an urgent need to begin to construct new buildings for classroom space, science labs and student support services to meet current enrollment needs. Failure to acquire additional space will seriously curtail the future growth of the Brownsville campus of UTRGV. Without state support, the project will be deferred indefinitely.</p> | New Construction | \$ 50,600,000 | \$ 50,600,000 | \$285 | \$308 - \$496 | \$464 | |
| UT Rio Grande Valley (Brownsville Campus) | Fine Arts and Classrooms Building | <p>Priority #2</p> <p>This project will construct a Fine Arts and Classroom building with a total of 155,174 GSF to provide music education teaching space and general purpose classrooms. This space is needed to replace space that is currently being leased from TSC. It will provide some additional space to accommodate student enrollment. The facility will include 30,000 GSF of flexible learning spaces to serve not only music education but other disciplines as well. Without state support, the project will be deferred indefinitely.</p> | New Construction | \$ 50,400,000 | \$ 50,400,000 | \$325 | \$433 - \$568 | \$517 | |
| UT Rio Grande Valley (Brownsville Campus) | Student Success and Administrative Building | <p>Priority #3</p> <p>This project will construct 181,715 GSF for a Student Success and Administrative Building. A total of 154,282 GSF is needed to replace space that is currently being leased from TSC and provide additional space to accommodate student enrollment in the areas of student support and services. Included will be 27,433 GSF for learning enrichment spaces that would include collaborative spaces equipped with technology to interact with students located in any of the locations of UTRGV. Without state support, the project will be deferred indefinitely.</p> | New Construction | \$ 54,700,000 | \$ 54,700,000 | \$301 | \$267 - \$350 | \$324 | |
| UT Rio Grande Valley (Edinburg Campus) | Interdisciplinary Engineering and Academic Studies Building | <p>Priority #1</p> <p>This project will create an additional 124,304 GSF with 80,798 assignable square feet of much needed space. The spaces will include a large lecture auditorium with a 250-seat capacity, several 150-seat lecture halls, 60-seat classrooms, and faculty offices. Although particular emphasis will be placed on preparation of engineering students, this flexible facility will also address space requirements for other disciplines as needed. The project will also include an outdoor pavilion to be used as a gathering area and study space to relieve pressure on more expensive indoor space and also to support academic events. Without state support, the project will be deferred indefinitely.</p> | New Construction | \$ 42,500,000 | \$ 50,000,000 | \$402 | \$433 - \$544 | \$499 | Institutional Funds = \$7.5M with \$5M from RFS and \$2.5M from Gifts |

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| UT San Antonio | Instructional Science and Engineering Building | <p>Priority #1</p> <p>This project includes a new 175,000 GSF Instructional Science and Engineering Building (ISE) that will provide an additional 105,000 assignable square feet. Subject to further program development, the proposed facility is expected to provide 60,000 ASF of teaching labs, 12,000 ASF of classrooms, 18,000 ASF of faculty offices and 15,000 ASF of engineering research labs. The ISE is a critical element in the University's strategic plan for providing state-of-the-art space for Science, Technology, Engineering, and Mathematics (STEM) education and research. It will also support programs that enhance the teaching skills of students preparing them for careers in science instruction at K-12 institutions.</p> | New Construction | \$ 95,000,000 | \$ 115,000,000 | \$657 | 495 - 788 | \$635 | <p>Project includes a high percentage of tech-enabled science and engineering teaching labs, fume hoods, flex teaching spaces.</p> <p>Institutional Funds = \$20M</p> |
| UT San Antonio | Peter T. Flawn Building Renovations and Adaptive Reuse | <p>Priority #2</p> <p>This project includes approximately 185,362 GSF of renovations and adaptive reuse of the University's original science building, the Peter T. Flawn Building, to transform technologically obsolete laboratories that will be vacated upon completion of the planned Instructional Science and Engineering Building into state of the art classroom and research spaces ensuring that the University's STEM teaching facilities reflect up-to-date technology, safety, and security characteristics. This project will address both the University's classroom space deficit, capital renewal backlog, and need for faculty expansion. In addition to creating more classrooms, this renovation and adaptive reuse will include a Learning Commons that will provide the space and resources necessary to support STEM education outside of the classroom. The Learning Commons will offer library resources, tutoring facilities and group study spaces designed to support the emphasis on teamwork and communications that is integral to the STEM curriculum.</p> | Repair and Rehabilitation | \$ 42,500,000 | \$ 42,500,000 | \$229 | \$314 - \$437 | \$376 | |

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|--|---------------------------|---|------------------|------------------|--------------------|--------|---|---|---|
| UT Tyler | STEM Building | <p>Priority #1 This project will build a STEM addition to the current Business Building and renovate the existing Building. The new construction portion of the project will include approximately 104,700 GSF and will provide much-needed space for classrooms, student learning, teaching laboratories, and faculty offices. The proposed project will play a central role in facilitating the University's strategy to be a destination campus committed to innovative programs, and will help to attain the goal of 14,000 students by 2020. The existing Business Building houses the Business section of our College of Business and Technology (CBT) and the College of Arts and Sciences (CAS). Due to significant growth in both colleges, the building does not have enough room to hold the Technology portion of CBT, creating a fragmentation of the College. A STEM addition would provide a way to bring the entire college together while creating more space for CAS. The STEM addition will create needed additional room for a projected influx of new Chemistry and Biology majors. The addition will also create room for the newly created University College and allow our academic success and career services programs to move into the academic heart of our campus. Moving our highly successful tutoring and supplemental instruction programs as well as job placement activities to a central academic space, rather than on the fringe of such space where it is currently located, will help our students stay focused on progress toward degree and timely graduation.</p> | New Construction | \$ 76,000,000 | \$ 76,000,000 | \$487 | \$272 - \$719 | \$544 | Comparable ranges are weighted averages of space use. |
| Total All Academic Institutions | | | | \$ 1,377,450,600 | \$ 1,563,650,600 | | | | |