

LEGISLATIVE APPROPRIATIONS REQUEST

For the 88th Legislative Session

Fiscal Years 2024 and 2025



*Submitted to the
Governor's Office of Budget, Planning and Policy
and the Legislative Budget Board*

October 2022

Texas A&M University

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Schedules Not Included

Agency Code	Agency Name:	Prepared By:	Date:
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For the schedules identified below, the Texas A&M University administration either has no information to report or the schedule is not applicable. Accordingly, these schedules have been excluded from the Texas A&M University Legislative Appropriations Request for the 2024-2025 biennium.

Number	Name
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More than ever, Texas A&M University is sharply focused on its primary purpose and Land-Grant mission: excellence in education and research for its students and the State of Texas. The following request is directly linked to maintaining and strengthening these primary purposes as a direct benefit for all Texans .

Our students, faculty, and staff thank the Texas Legislature – particularly the Lt. Governor and House Speaker – and the Governor for their collective support provided during the 87th legislative session. This support has made a profound and far-reaching impact upon students by helping support excellent teaching and research at Texas A&M.

This request highlights the success of the state’s investment in Texas A&M and the challenges the university faces with extraordinary student enrollment growth of 31%, which totals almost 16,000 additional students since 2013. We have yet to fully accommodate that growth. Some of the challenges include:

- Higher student-to-faculty ratio (an increase from 20:1 in 2013 to ~22:1 currently).
- From 2017-18 to 2020-21, there has been a 33% increase in the number of students for whom a mental health counselor is responsible.
- Maintaining one of the lowest administrative cost ratios in Texas as enrollment has grown significantly .

These are only a few examples of why support from the state is so critical. The budget challenge requires careful attention and thoughtful consideration.

STRIVING TO IMPROVE DIVERSITY, EQUITY AND INCLUSION

Texas A&M recognizes that there are challenges in responding to longstanding issues surrounding campus diversity, equity and inclusion. It is important that our student body and faculty better reflect the demographics of our state.

To that end, we have been successful in growing the number of Hispanic and first-generation students enrolling at Texas A&M to 25% of our student body. Of note, the U.S. Department of Education, as well as the Hispanic Association of Colleges and Universities, have both designated Texas A&M as a Hispanic-Serving Institution (HSI) for achieving this important milestone.

STUDENT SUCCESS INITIATIVE

Texas A&M educates and graduates more students than any other university in the state – and more than 95% of our undergraduate students are from Texas. An important part of our service to the state is ensuring that students graduate on time and obtain the skills employers desire. This is why one of our most important recent investments has been our Student Success Initiative, where we have already seen positive results. For example:

- Increases to first-year retention (92.1% to 92.7%) and four-year graduation rates (56.2% to 60.7%) across the university;
- Increases to first-year retention (86.6% to 87.8%) and four-year graduation rates (50.3% to 55.4%) for first-generation students;
- Increases to first-year retention (86.6% to 88.5%) and four-year graduation rates (50.2% to 55.9%) for students from families making less than \$60,000 a year.

Texas A&M also ranks high among Texas public universities in several key areas:

- Tied for first in time-to-degree;
- #1 Best Value School in Texas public universities, U.S. News and World Report, 2022
- #1 Best Value, Money Magazine, 2020

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- #1 in Undergraduate Degrees Awarded, Texas Higher Education Coordinate Board Almanac, 2020
- #1 Best College in Texas, Money Magazine, 2020
- #1 Best College for Veterans, College Factual, 2021
- #1 in Enrollment, Texas Higher Education Coordinate Board Almanac, 2021
- #1 in Transfer Graduation Rate, Texas Higher Education Coordinate Board Almanac, 2020

Currently, more than half—55% of our students—graduate without any debt at all, and those that do have significantly less debt than the national average.

As a university, we have multiple ways of measuring success, beyond the number of students who can pass a test or earn a degree. Success is also measured in the number of graduates who obtain good jobs and who receive the entrepreneurial skills and support they need to create jobs for others. In 2021-2022, more than 11,000 seniors either had jobs at graduation or were admitted to advanced programs for further education, and more than 250 were commissioned for military service.

ECONOMIC IMPACT OF EDUCATING A&M STUDENTS

Teaching and training undergraduate and graduate students isn't just about the personal benefits of education and their life-time earning potential. It's also about the economy. In the most recent national rankings, Texas A&M was 14th in the U.S. and first in Texas among all universities in research & development expenditures. Through research spending (\$1.1 billion), start-up and spin-off companies (\$1.4 billion), construction (\$139.6 million) and other spending impact areas, students, former students, faculty, and staff each have contributed to Texas A&M's overall annual \$9.9 billion financial impact on Texas.

Numerous reports and significant business decisions affirm the economic impact of major research universities to the states in which they reside. For example, the average Texas A&M bachelor's degree holder earns a return on investment of \$608,000 over 20 years. Thus, state and local governments, as well as their taxpayers, have a very strong incentive to boost college attendance and completion, especially at college and universities.

As our state and nation eventually climb out of our current economic situation, we will need key sectors to help us jumpstart the economy. Throughout history, higher education has consistently been a catalyst for economic activity. If the citizens of Texas cannot get the education or training they need to find better jobs, the economy could sputter or come to a standstill. However, if we take this opportunity to prepare our workforce for the future, we could see Texas recover more quickly than others, driving the growth and expansion of our economy and our state.

TEXAS A&M-SPECIFIC FUNDING REQUESTS

In general, it is important for the Legislature to consider funding a variety of initiatives to avert unanticipated negative impacts to public institutions of higher education in Texas. Examples include: reducing the burden of cost for legacy students utilizing Hazlewood Act benefits by appropriating funds to universities, which covers waived tuition totals per campus; increasing appropriated funds to universities for enhancing existing student mental health resources as well as establishing new services; appropriating funds to universities for expanding benefits that address issues regarding challenges experienced by students associated with the affordability of completing a college degree.

EXCEPTIONAL ITEM REQUEST

Texas A&M requests \$50 million for FY 2024-2025 to establish the MetaFort Virtual Production Institute.

This exceptional item will support an ecosystem designed for teaching, learning and research. It will focus on developing emerging applications and a skilled workforce

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needed for the use of virtual reality (immersion), augmented reality (hybrid of real-world and virtual objects), sensors, projectors, and computing across multiple sectors of the state's economy.

MetaFort is a technology-first approach that fuses together the study and application of computer science, human-computer interaction, the visual arts and performing arts, as well as media arts. All of these are impacted by advances in full-fidelity 3-D graphics, custom visual computing tools, physics simulations, sensor inputs and autonomous systems.

Funding for establishing the Texas A&M MetaFort Virtual Production Institute will support state-of-the-art instrumentation required for a learning laboratory; it will be designed as a performance capture and sound stage with technology to support an enrollment of 200 students (undergraduate and graduate levels) taught by 20 fulltime faculty/staff. This emerging academic discipline has been identified as a need for the state of Texas because of recently-adopted private-sector indicators across multiple key industries – such as healthcare, military, manufacturing, aerospace and entertainment – that rely on technical expertise in virtual production content and technologies as well as facilities. It is driven by the convergence of use case studies across industries, including: (1) training and simulation for work in high-intensity and/or specialized environments; (2) design and testing of manufacturing and construction scenarios; (3) extending commercial and social platforms, as well as entertainment or live events, into virtual environments.

Furthermore, external factors to support this identified need for Texas include the fact that a virtual reality market – encompassing both augmented reality, the commerce of a metaverse, and digital twins used in industry – has reached \$28 billion globally in 2021 and is predicted to reach \$250 billion globally by 2028. Virtual Production has received recent noticeable press due to its use in a streaming series, “The Mandalorian.” As such, a comprehensive and holistic approach to education for Virtual Production is needed to provide the foundation for skills and knowledge required in Texas based upon regional incentives – Austin and San Antonio and Fort Worth – for film and video production studios.

To that effect, by the Legislature funding this exceptional item request, Texas A&M can meet a need in this state by educating students to be prepared for high-demand jobs – particularly by extending both the undergraduate and graduate level degrees in our Visualization program at main campus to other parts of the state.

Without this critical funding, Texas will be compromised. Specifically, the state will fail at capturing a solid stake in this high-tech industry sector due to competition by investments made in other states such as California (Institute for Creative Technologies at USC) and New York (Martin Scorsese Institute at NYU).

In conclusion, this exceptional item request is about enabling multiple sectors of our state's future economy to move forward by providing specialized talent that supports consumer habits which will inevitably be adopted by the public across all societal populations and through every part of Texas.

GRADUATE EDUCATION AND TRUF

The State of Texas, like the United States, is facing a looming issue that has scientific, national security, and workforce consequences: the shortage of domestic applicants for graduate programs. The pandemic has exacerbated this issue. With the uncertainty of foreign travel, the growing tensions between nations and a desire to maintain international standing in the race for scientific advancement, thoughtful investments and strategies are needed.

Graduate students are crucial to the entire research enterprise because they form the backbone of research operations. They help generate new knowledge and discoveries, and learn from researchers on the cutting edge of science, engineering and technology, who train them as the next generation of research pioneers.

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Because graduate student financial support is traditionally low, domestic students often seek employment outside of academia, while international students, many of whom are supported by their home nations, are willing to engage in educational and research opportunities in the U.S. This has created a situation where any disruptions to this international “supply chain” will, in turn, harm the state and nation’s ability to respond to our most pressing research needs.

Therefore, if funds are available, we request additional funding for the Texas Research University Fund (TRUF) that will match TRUF-eligible university investments in the recruitment and retention of domestic graduate students. Additional funds will ensure that a better pipeline for these skilled, domestically-trained researchers will keep Texas in “the race” for discoveries that save lives, enrich our well-being, and generate economic development throughout the state.

THE TEXAS A&M UNIVERSITY SYSTEM

Texas’ future depends on a well-educated population and strong workforce. A robust higher education sector is key to ensuring the long-term economic growth and resiliency of our state. However, to assure this growth, we must do more to address the issues of college affordability and accessibility. Increasingly, qualified students – including top 10% students – are not enrolling in and graduating from college. At the Texas A&M University System, we are committed to addressing these issues, but we need the resources to help these young people access a four-year university degree and set up themselves and their families for a lifetime of success.

In order to keep higher education both accessible and affordable for students and meet these increasing needs, higher education in Texas needs additional state investment. With increased support from the state, the Texas A&M System will commit to continue to implement cost saving measures, seek efficiencies in how we provide our services, and keep tuition as low as possible for our students, while providing a high-quality education that will prepare them for the workforce. However, this depends on the support from the state as detailed below:

Formulas – Funding for educating our students comes almost entirely from two sources: General Revenue (GR) from the state and our students’ tuition and fees. However, these funding streams are inversely related. As support from the state has declined, our tuition and fees have increased to allow us to fund teaching and support for students, preparing them for entry into the workforce. Consistent formula appropriations that fund student enrollment growth and inflation are needed to avoid adverse impacts on students’ success. Our highest priority is additional funding in the formulas to cover student enrollment growth through the Fall 2022 semester in the base bill and additional funding for student enrollment increases in the spring 2023 semester. Any additional funding provided through the formulas, over and above covering the cost of enrollment growth, will help cover inflation and offset pressure on tuition, keeping costs more affordable for our students.

Performance Based Funding for Comprehensive Regional Universities - The 87th Legislature recognized the importance of the state’s 27 Comprehensive Regional Universities by passing SB1295, and using federal funding to support this legislation. For the upcoming biennium, we request \$80 million in General Revenue to provide two years of performance funding to continue student support programs at our Comprehensive Regional Universities. This amount would provide \$250,000 in base funding and \$1,000 per at-risk student per year. With this support, these institutions can help address the state’s decline in direct enrollment from high school to college and close the gap in these institutions’ graduation rates compared to the emerging research and research institutions. Increasing regionals’ college enrollment and graduation rates will add more skilled employees to the workforce and improve regional economies.

Higher Education Group Health Insurance – Declining state support for our employees’ health insurance over the last several biennia has required our institutions to cover these additional costs. We request funding to cover increases in covered enrollments and in health care costs. We also request restoration of the more than 20% gap in funding for our employees compared to state employees in the ERS group plan.

Student Mental Health – Even prior to the pandemic we were experiencing an increased need for mental health services for our students. The pandemic has only

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magnified this need. We are asking for financial support from the state to help meet this critical threat to our students' well-being.

Hazlewood Legacy Program - In FY2021, Texas A&M System institutions waived \$44.2 million in legacy exemptions and received \$5.9 million in state reimbursement, which is 13.3% of the cost. The cost of educating these students is shifted to other students and the average cost of the Hazlewood waiver to other students across our system is to be an estimated to be \$270 per non-legacy student per year. Veteran-friendly universities with proportionally higher legacy enrollments have an outsized burden when it comes to Hazlewood, including nine of our academic institutions that have a higher proportion of legacy students than the statewide average. We request an increase in state support for reimbursing universities for their legacy Hazlewood costs.

Student Financial Aid – Increased support for student financial aid is vitally important to help students enroll in higher education and graduate with lower debt . We request increases to TEXAS grants and other financial aid programs to serve more students and provide for a larger share of their tuition and fee costs so students do not have to turn to loans to cover unmet needs. Financial aid is used by students to pay their tuition and fees and is not a substitute for state funding into the formulas.

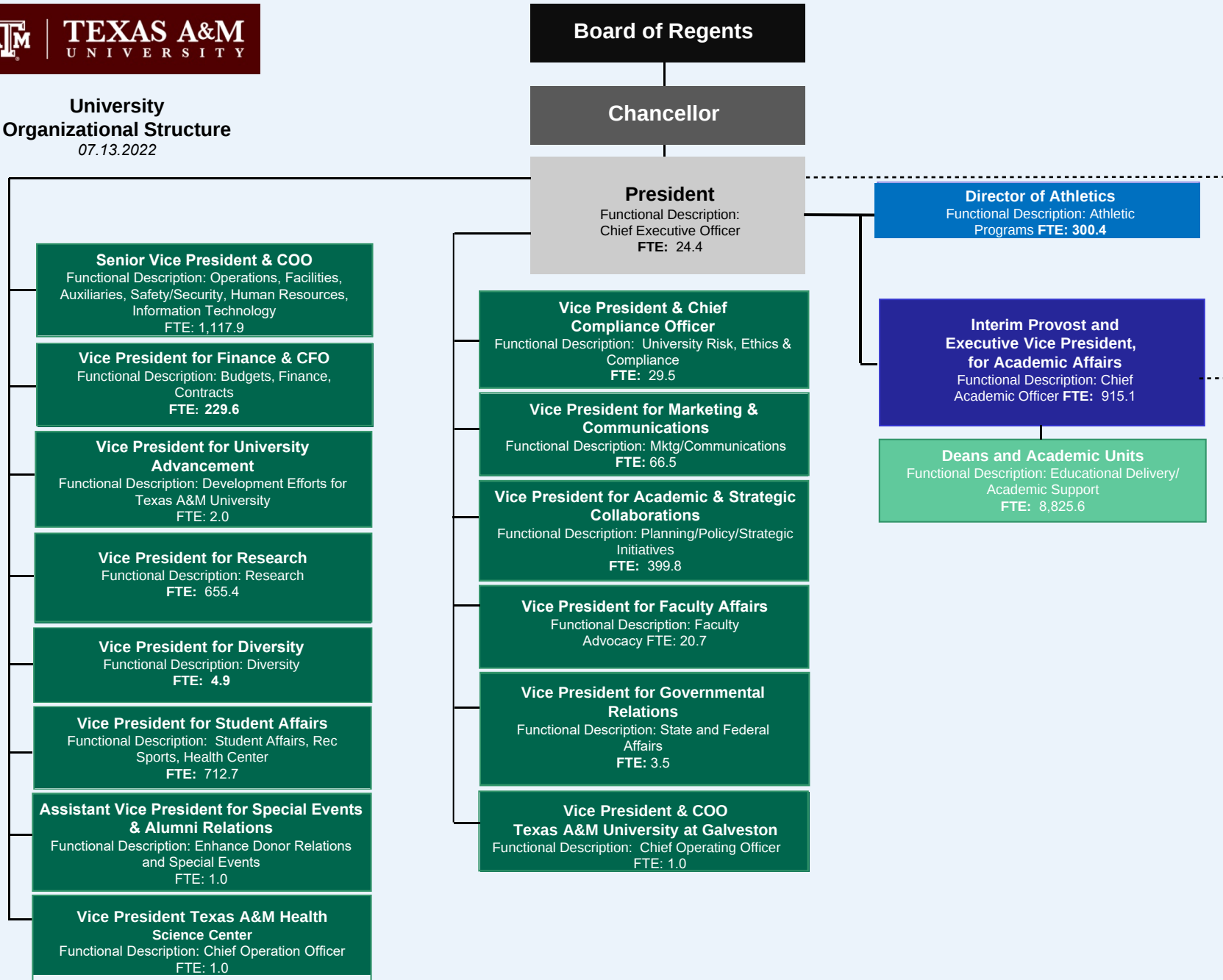
Capital Funding: CCAPs – We are very appreciative of the commitment the 87th Legislature made to higher education with the authorization for Capital Construction Assistance Projects (CCAPs) to address our critically needed classrooms and labs. Providing two years of GR debt service appropriations for the 2024-25 biennium is of utmost importance to keep the projects on track.

Our institutions continue to have capital needs to meet student enrollment growth and programmatic needs, to update older facilities, and address deferred maintenance. Each of our institutions has prepared a request for their next critical capital construction assistance project if those requests are to be considered. However, our top priority remains funding for our formulas to help us to keep costs lower and thus higher education more affordable for our students . Texas A&M University's top capital priority is to upgrade the Biological and Chemical Sciences Complex. We can provide additional detail upon request.

Background Checks – Texas A&M's statutory authority to conduct background checks on employees of the University comes from Texas Govt. Code Chapter 411 Subchapter (f) and Texas Education Code Section 51.215. It is Texas A&M's policy and practice to conduct such checks on all employees being considered for positions at Texas A&M.

**University
Organizational Structure**

07.13.2022





CERTIFICATE

Texas A&M University

Agency Name _____

This is to certify that the information contained in the agency Legislative Appropriations Request filed with the Legislative Budget Board (LBB) and the Governor's Office Budget Division (Governor's Office) is accurate to the best of my knowledge and that the electronic submission to the LBB via the Automated Budget and Evaluation System of Texas (ABEST) and the PDF file submitted via the LBB Document Submission application are identical.

Additionally, should it become likely at any time that unexpended balances will accrue for any account, the LBB and the Governor's Office will be notified in writing in accordance with Article IX, Section 7.01 (2022-23 GAA).

Chief Executive Officer or Presiding Judge

Designated by:



Signature

M. Katherine Banks

Printed Name

President

Title

08/01/2022

Date

Chief Financial Officer

Designated by:



Signature

John W. Crawford

Printed Name

Vice President and Chief Financial Officer

Title

08/01/2022

Date

Board or Commission Chair



Signature

Tim Leach

Printed Name

Chairman, Board of Regents

Title

08/01/2022

Date

Budget Overview - Biennial Amounts
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Appropriation Years: 2024-25											
	GENERAL REVENUE FUNDS		GR DEDICATED		FEDERAL FUNDS		OTHER FUNDS		ALL FUNDS		EXCEPTIONAL ITEM FUNDS
	2022-23	2024-25	2022-23	2024-25	2022-23	2024-25	2022-23	2024-25	2022-23	2024-25	2024-25
Goal: 1. Provide Instructional and Operations Support											
1.1.1. Operations Support	544,100,105		198,984,773						743,084,878		
1.1.3. Staff Group Insurance Premiums			52,247,132	56,961,854					52,247,132	56,961,854	
1.1.4. Workers' Compensation Insurance	1,283,620	2,632,753	428,458						1,712,078	2,632,753	
1.1.6. Texas Public Education Grants			25,941,517	25,215,887					25,941,517	25,215,887	
1.1.7. Organized Activities				49,000,000						49,000,000	
Total, Goal	545,383,725	2,632,753	277,601,880	131,177,741					822,985,605	133,810,494	
Goal: 2. Provide Infrastructure Support											
2.1.1. E&G Space Support	3,836,326		1,863,899						5,700,225		
2.1.2. Ccap Revenue Bonds	21,983,328	26,329,316							21,983,328	26,329,316	
Total, Goal	25,819,654	26,329,316	1,863,899						27,683,553	26,329,316	
Goal: 3. Provide Non-formula Support											
3.2.1. Cyclotron Institute	2,427,428	494,596							2,427,428	494,596	
3.2.2. Sea Grant Program	1,092,298	324,534							1,092,298	324,534	
3.2.3. Energy Resources Program	806,011	497,856							806,011	497,856	
3.3.1. Colonias Program	1,387,290	676,966							1,387,290	676,966	
3.4.1. Institutional Enhancement	52,250,000	52,250,000					478,278	330,000	52,728,278	52,580,000	
3.5.1. Exceptional Item Request											50,000,000
Total, Goal	57,963,027	54,243,952					478,278	330,000	58,441,305	54,573,952	50,000,000
Goal: 6. Research Funds											
6.4.1. Texas Research University Fund	80,644,950								80,644,950		
Total, Goal	80,644,950								80,644,950		
Total, Agency	709,811,356	83,206,021	279,465,779	131,177,741			478,278	330,000	989,755,413	214,713,762	50,000,000
Total FTEs									4,990.9	5,190.9	60.5

2.A. Summary of Base Request by Strategy

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Goal / Objective / STRATEGY	Exp 2021	Est 2022	Bud 2023	Req 2024	Req 2025
1 Provide Instructional and Operations Support					
1 <i>Provide Instructional and Operations Support</i>					
1 OPERATIONS SUPPORT (1)	337,226,859	369,865,874	373,219,004	0	0
3 STAFF GROUP INSURANCE PREMIUMS	21,516,575	24,188,487	28,058,645	28,339,231	28,622,623
4 WORKERS' COMPENSATION INSURANCE	839,707	856,039	856,039	1,316,377	1,316,376
6 TEXAS PUBLIC EDUCATION GRANTS	12,247,671	13,557,379	12,384,138	12,532,747	12,683,140
7 ORGANIZED ACTIVITIES	0	0	0	24,500,000	24,500,000
TOTAL, GOAL 1	\$371,830,812	\$408,467,779	\$414,517,826	\$66,688,355	\$67,122,139
2 Provide Infrastructure Support					
1 <i>Provide Operation and Maintenance of E&G Space</i>					
1 E&G SPACE SUPPORT (1)	2,764,905	2,851,663	2,848,562	0	0
2 CCAP REVENUE BONDS	8,267,586	8,259,106	13,724,222	13,161,369	13,167,947

(1) - Formula funded strategies are not requested in 2024-25 because amounts are not determined by institutions.

2.A. Summary of Base Request by Strategy

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Goal / Objective / STRATEGY		Exp 2021	Est 2022	Bud 2023	Req 2024	Req 2025
TOTAL, GOAL 2		\$11,032,491	\$11,110,769	\$16,572,784	\$13,161,369	\$13,167,947
3 Provide Non-formula Support						
2 Research						
1 CYCLOTRON INSTITUTE		894,473	1,213,714	1,213,714	247,298	247,298
2 SEA GRANT PROGRAM		479,714	546,149	546,149	162,267	162,267
3 ENERGY RESOURCES PROGRAM		822,501	417,976	388,035	248,928	248,928
3 Public Service						
1 COLONIAS PROGRAM		593,091	690,581	696,709	338,483	338,483
4 INSTITUTIONAL SUPPORT						
1 INSTITUTIONAL ENHANCEMENT		27,571,528	26,387,000	26,341,278	26,290,000	26,290,000
5 Exceptional Item Request						
1 EXCEPTIONAL ITEM REQUEST		0	0	0	0	0
TOTAL, GOAL 3		\$30,361,307	\$29,255,420	\$29,185,885	\$27,286,976	\$27,286,976

2.A. Summary of Base Request by Strategy

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Goal / Objective / STRATEGY	Exp 2021	Est 2022	Bud 2023	Req 2024	Req 2025
6 Research Funds					
4 <i>Texas Research University Fund</i>					
1 TEXAS RESEARCH UNIVERSITY FUND	41,325,026	40,322,475	40,322,475	0	0
TOTAL, GOAL 6	\$41,325,026	\$40,322,475	\$40,322,475	\$0	\$0
TOTAL, AGENCY STRATEGY REQUEST	\$454,549,636	\$489,156,443	\$500,598,970	\$107,136,700	\$107,577,062
TOTAL, AGENCY RIDER APPROPRIATIONS REQUEST*				\$0	\$0
GRAND TOTAL, AGENCY REQUEST	\$454,549,636	\$489,156,443	\$500,598,970	\$107,136,700	\$107,577,062

2.A. Summary of Base Request by Strategy

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Goal / Objective / STRATEGY	Exp 2021	Est 2022	Bud 2023	Req 2024	Req 2025
<u>METHOD OF FINANCING:</u>					
General Revenue Funds:					
1 General Revenue Fund	328,902,489	352,185,149	357,626,207	41,599,722	41,606,299
SUBTOTAL	\$328,902,489	\$352,185,149	\$357,626,207	\$41,599,722	\$41,606,299
General Revenue Dedicated Funds:					
704 Est Bd Authorized Tuition Inc	10,247,214	10,692,578	10,906,430	0	0
770 Est. Other Educational & General	115,328,405	126,016,716	131,850,055	65,371,978	65,805,763
SUBTOTAL	\$125,575,619	\$136,709,294	\$142,756,485	\$65,371,978	\$65,805,763
Other Funds:					
802 Lic Plate Trust Fund No. 0802, est	71,528	262,000	216,278	165,000	165,000
SUBTOTAL	\$71,528	\$262,000	\$216,278	\$165,000	\$165,000
TOTAL, METHOD OF FINANCING	\$454,549,636	\$489,156,443	\$500,598,970	\$107,136,700	\$107,577,062

*Rider appropriations for the historical years are included in the strategy amounts.

2.B. Summary of Base Request by Method of Finance

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Agency code:	711	Agency name:	Texas A&M University
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METHOD OF FINANCING	Exp 2021	Est 2022	Bud 2023	Req 2024	Req 2025
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GENERAL REVENUE

1 General Revenue Fund

REGULAR APPROPRIATIONS

Regular Appropriations from MOF Table (2020-21 GAA)

\$341,803,641	\$0	\$0	\$0	\$0
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Regular Appropriations from MOF Table (2022-23 GAA)

\$0	\$331,762,558	\$331,747,907	\$0	\$0
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Regular Appropriations from MOF Table (2024-25 GAA)

\$0	\$0	\$0	\$41,599,722	\$41,606,299
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RIDER APPROPRIATION

Art IX, Section 17.47, 87th Regular Session (2022-23 GAA)

\$0	\$20,422,591	\$20,422,591	\$0	\$0
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TRANSFERS

SB 8, 87th Leg, 3rd Called Session, Transfer from the Coordinating Board
for CCAP debt service

\$0	\$0	\$5,455,709	\$0	\$0
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SUPPLEMENTAL, SPECIAL OR EMERGENCY APPROPRIATIONS

2.B. Summary of Base Request by Method of Finance

10/17/2022 11:58:58AM

88th Regular Session, Agency Submission, Version 1

Automated Budget and Evaluation System of Texas (ABEST)

Agency code: 711		Agency name: Texas A&M University				
METHOD OF FINANCING		Exp 2021	Est 2022	Bud 2023	Req 2024	Req 2025
<u>GENERAL REVENUE</u>						
HB 2, 87th Leg, Regular Session. Sec 1(17)		\$(16,683,164)	\$0	\$0	\$0	\$0
UNEXPENDED BALANCES AUTHORITY						
2020 TRUF carryover, Art III., Special Provisions, Section 58(1) (2020-21 GAA)		\$3,782,012	\$0	\$0	\$0	\$0
TOTAL,	General Revenue Fund	\$328,902,489	\$352,185,149	\$357,626,207	\$41,599,722	\$41,606,299
TOTAL, ALL	GENERAL REVENUE	\$328,902,489	\$352,185,149	\$357,626,207	\$41,599,722	\$41,606,299
<u>GENERAL REVENUE FUND - DEDICATED</u>						
<u>704</u>	GR Dedicated - Estimated Board Authorized Tuition Increases Account No. 704					
REGULAR APPROPRIATIONS						
Regular Appropriations from MOF Table (2020-21 GAA)		\$10,611,586	\$0	\$0	\$0	\$0
Regular Appropriations from MOF Table (2022-23 GAA)		\$0	\$10,319,796	\$10,319,796	\$0	\$0
BASE ADJUSTMENT						

2.B. Summary of Base Request by Method of Finance

10/17/2022 11:58:58AM

88th Regular Session, Agency Submission, Version 1

Automated Budget and Evaluation System of Texas (ABEST)

Agency code: 711		Agency name: Texas A&M University				
METHOD OF FINANCING		Exp 2021	Est 2022	Bud 2023	Req 2024	Req 2025
<u>GENERAL REVENUE FUND - DEDICATED</u>						
	Revised Receipts					
		\$(364,372)	\$372,782	\$586,634	\$0	\$0
TOTAL,	GR Dedicated - Estimated Board Authorized Tuition Increases Account No. 704					
		\$10,247,214	\$10,692,578	\$10,906,430	\$0	\$0
<u>770</u>	GR Dedicated - Estimated Other Educational and General Income Account No. 770					
	REGULAR APPROPRIATIONS					
	Regular Appropriations from MOF Table (2020-21 GAA)					
		\$121,157,491	\$0	\$0	\$0	\$0
	Regular Appropriations from MOF Table (2022-23 GAA)					
		\$0	\$125,831,956	\$125,860,168	\$0	\$0
	Regular Appropriations from MOF Table (2024-25 GAA)					
		\$0	\$0	\$0	\$65,371,978	\$65,805,763
	BASE ADJUSTMENT					
	Revised Receipts					
		\$1,526,380	\$(2,314,788)	\$(1,824,490)	\$0	\$0

2.B. Summary of Base Request by Method of Finance
88th Regular Session, Agency Submission, Version 1
Automated Budget and Evaluation System of Texas (ABEST)

10/17/2022 11:58:58AM

Agency code: 711		Agency name: Texas A&M University				
METHOD OF FINANCING		Exp 2021	Est 2022	Bud 2023	Req 2024	Req 2025
<u>GENERAL REVENUE FUND - DEDICATED</u>						
Adjustment to Expended		\$ (7,355,466)	\$ 2,499,548	\$ 7,814,377	\$ 0	\$ 0
TOTAL,	GR Dedicated - Estimated Other Educational and General Income Account No. 770	\$115,328,405	\$126,016,716	\$131,850,055	\$65,371,978	\$65,805,763
TOTAL GENERAL REVENUE FUND - DEDICATED - 704, 708 & 770		\$125,575,619	\$136,709,294	\$142,756,485	\$65,371,978	\$65,805,763
TOTAL, ALL	GENERAL REVENUE FUND - DEDICATED	\$125,575,619	\$136,709,294	\$142,756,485	\$65,371,978	\$65,805,763
TOTAL,	GR & GR-DEDICATED FUNDS	\$454,478,108	\$488,894,443	\$500,382,692	\$106,971,700	\$107,412,062
<u>OTHER FUNDS</u>						
<u>802</u>	License Plate Trust Fund Account No. 0802, estimated					
	<i>REGULAR APPROPRIATIONS</i>					
	Regular Appropriations from MOF Table (2020-21 GAA)	\$165,000	\$0	\$0	\$0	\$0
	Regular Appropriations from MOF Table (2022-23 GAA)	\$0	\$165,000	\$165,000	\$0	\$0

2.B. Summary of Base Request by Method of Finance

10/17/2022 11:58:58AM

88th Regular Session, Agency Submission, Version 1

Automated Budget and Evaluation System of Texas (ABEST)

Agency code:	711	Agency name:	Texas A&M University			
METHOD OF FINANCING		Exp 2021	Est 2022	Bud 2023	Req 2024	Req 2025
<u>OTHER FUNDS</u>						
Regular Appropriations from MOF Table (2024-25 GAA)						
		\$0	\$0	\$0	\$165,000	\$165,000
<i>UNEXPENDED BALANCES AUTHORITY</i>						
Art. III, Special Provisions Section 55 (2022-23 GAA)						
		\$(112,938)	\$112,938	\$0	\$0	\$0
Art. III, Special Provisions Section 55 (2022-23 GAA)						
		\$0	\$(51,278)	\$51,278	\$0	\$0
<i>BASE ADJUSTMENT</i>						
Revised Receipts						
		\$19,466	\$35,340	\$0	\$0	\$0
TOTAL,	License Plate Trust Fund Account No. 0802, estimated	\$71,528	\$262,000	\$216,278	\$165,000	\$165,000
TOTAL, ALL	OTHER FUNDS	\$71,528	\$262,000	\$216,278	\$165,000	\$165,000
GRAND TOTAL		\$454,549,636	\$489,156,443	\$500,598,970	\$107,136,700	\$107,577,062

2.B. Summary of Base Request by Method of Finance

10/17/2022 11:58:58AM

88th Regular Session, Agency Submission, Version 1

Automated Budget and Evaluation System of Texas (ABEST)

Agency code: 711	Agency name: Texas A&M University				
METHOD OF FINANCING	Exp 2021	Est 2022	Bud 2023	Req 2024	Req 2025
FULL-TIME-EQUIVALENT POSITIONS					
REGULAR APPROPRIATIONS					
Regular Appropriations from MOF Table (2020-21 GAA)	5,793.3	0.0	0.0	0.0	0.0
Regular Appropriations from MOF Table (2022-23 GAA)	0.0	4,812.1	4,812.1	5,090.9	5,190.9
RIDER APPROPRIATION					
Art IX, Section 17.47, 87th Regular Session (2022-23 GAA)	0.0	408.5	408.5	0.0	0.0
UNAUTHORIZED NUMBER OVER (BELOW) CAP					
Unauthorized Number Over (Below) Cap	(1,000.4)	(279.7)	(229.7)	0.0	0.0
TOTAL, ADJUSTED FTES	4,792.9	4,940.9	4,990.9	5,090.9	5,190.9

**NUMBER OF 100% FEDERALLY FUNDED
FTEs**

2.C. Summary of Base Request by Object of Expense

10/17/2022 11:58:58AM

88th Regular Session, Agency Submission, Version 1
Automated Budget and Evaluation System of Texas (ABEST)**711 Texas A&M University**

OBJECT OF EXPENSE	Exp 2021	Est 2022	Bud 2023	BL 2024	BL 2025
1001 SALARIES AND WAGES	\$144,934,739	\$160,024,542	\$162,220,405	\$16,978,925	\$16,978,925
1002 OTHER PERSONNEL COSTS	\$39,830,438	\$42,518,992	\$46,089,150	\$28,339,231	\$28,622,623
1005 FACULTY SALARIES	\$239,305,146	\$255,844,689	\$257,961,756	\$20,417,166	\$20,417,166
1010 PROFESSIONAL SALARIES	\$3,429,267	\$3,510,000	\$3,610,000	\$0	\$0
2001 PROFESSIONAL FEES AND SERVICES	\$228,547	\$205,816	\$177,544	\$0	\$0
2002 FUELS AND LUBRICANTS	\$12,398	\$8,990	\$11,521	\$0	\$0
2003 CONSUMABLE SUPPLIES	\$440	\$204	\$342	\$0	\$0
2004 UTILITIES	\$175,413	\$187,221	\$138,889	\$0	\$0
2005 TRAVEL	\$4,395	\$4,350	\$4,400	\$0	\$0
2006 RENT - BUILDING	\$77,848	\$59,922	\$70,960	\$0	\$0
2007 RENT - MACHINE AND OTHER	\$73,310	\$55,166	\$72,463	\$0	\$0
2008 DEBT SERVICE	\$8,267,586	\$8,259,106	\$13,724,222	\$13,161,369	\$13,167,947
2009 OTHER OPERATING EXPENSE	\$17,643,822	\$17,686,376	\$16,006,710	\$28,075,009	\$28,225,401
3001 CLIENT SERVICES	\$566,287	\$791,069	\$510,608	\$165,000	\$165,000
OOE Total (Excluding Riders)	\$454,549,636	\$489,156,443	\$500,598,970	\$107,136,700	\$107,577,062
OOE Total (Riders)					
Grand Total	\$454,549,636	\$489,156,443	\$500,598,970	\$107,136,700	\$107,577,062

2.D. Summary of Base Request Objective Outcomes

10/17/2022 11:58:58AM

88th Regular Session, Agency Submission, Version 1
Automated Budget and Evaluation system of Texas (ABEST)

711 Texas A&M University					
Goal/ Objective / Outcome	Exp 2021	Est 2022	Bud 2023	BL 2024	BL 2025
1 Provide Instructional and Operations Support					
1 Provide Instructional and Operations Support					
KEY 1 % 1st-time, Full-time, Degree-seeking Frsh Earn Degree in 6 Yrs					
	82.60%	83.10%	83.60%	84.10%	84.60%
2 % 1st-time, Full-time, Degree-seeking White Frsh Earn Degree in 6 Yrs					
	85.90%	86.40%	86.90%	87.40%	87.90%
3 % 1st-time, Full-time, Degree-seeking Hisp Frsh Earn Degree in 6 Yrs					
	76.20%	76.70%	77.20%	77.70%	78.20%
4 % 1st-time, Full-time, Degree-seeking Black Frsh Earn Degree in 6 Yrs					
	74.00%	74.50%	75.00%	75.50%	76.00%
5 % 1st-time, Full-time, Degree-seeking Other Frshmn Earn Deg in 6 Yrs					
	83.00%	83.50%	84.00%	84.50%	85.00%
KEY 6 % 1st-time, Full-time, Degree-seeking Frsh Earn Degree in 4 Yrs					
	59.80%	60.30%	60.80%	61.30%	61.80%
7 % 1st-time, Full-time, Degree-seeking White Frsh Earn Degree in 4 Yrs					
	63.10%	63.60%	64.10%	64.60%	65.10%
8 % 1st-time, Full-time, Degree-seeking Hisp Frsh Earn Degree in 4 Yrs					
	54.30%	54.80%	55.30%	55.80%	56.30%
9 % 1st-time, Full-time, Degree-seeking Black Frsh Earn Degree in 4 Yrs					
	51.50%	52.00%	52.50%	53.00%	53.50%
10 % 1st-time, Full-time, Degree-seeking Other Frsh Earn Degree in 4 Yrs					
	58.20%	58.70%	59.20%	59.70%	60.20%
KEY 11 Persistence Rate 1st-time, Full-time, Degree-seeking Frsh after 1 Yr					
	91.90%	92.40%	92.90%	93.40%	93.90%
12 Persistence 1st-time, Full-time, Degree-seeking White Frsh after 1 Yr					
	93.20%	93.70%	94.20%	94.70%	95.20%

2.D. Summary of Base Request Objective Outcomes
88th Regular Session, Agency Submission, Version 1
Automated Budget and Evaluation system of Texas (ABEST)

10/17/2022 11:58:58AM

711 Texas A&M University					
Goal/ Objective / Outcome	Exp 2021	Est 2022	Bud 2023	BL 2024	BL 2025
13 Persistence 1st-time, Full-time, Degree-seeking Hisp Frsh after 1 Yr	88.50%	89.00%	89.50%	90.00%	90.50%
14 Persistence 1st-time, Full-time, Degree-seeking Black Frsh after 1 Yr	90.50%	91.00%	91.50%	92.00%	92.50%
15 Persistence 1st-time, Full-time, Degree-seeking Other Frsh after 1 Yr	92.80%	93.30%	93.80%	94.30%	94.80%
16 Percent of Semester Credit Hours Completed	93.90%	94.00%	94.10%	94.20%	94.30%
KEY 17 Certification Rate of Teacher Education Graduates	96.50%	96.60%	96.70%	96.80%	96.90%
18 Percentage of Underprepared Students Satisfy a TSI Obligation in Math	94.10%	94.30%	94.50%	94.70%	94.90%
19 Percentage of Underprepared Students Satisfy TSI Obligation in Writing	30.80%	31.80%	32.80%	33.80%	34.80%
20 Percentage of Underprepared Students Satisfy TSI Obligation in Reading	91.30%	91.50%	91.70%	91.90%	92.10%
KEY 21 % of Baccalaureate Graduates Who Are 1st Generation College Graduates	24.60%	24.60%	24.60%	24.60%	24.60%
KEY 22 Percent of Transfer Students Who Graduate within 4 Years	87.40%	87.90%	88.40%	88.90%	89.40%
KEY 23 Percent of Transfer Students Who Graduate within 2 Years	20.20%	20.70%	21.20%	21.70%	22.20%
KEY 24 % Lower Division Semester Credit Hours Taught by Tenured/Tenure Track	25.10%	25.20%	25.20%	25.30%	25.30%
KEY 25 State Licensure Pass Rate Law Graduates	91.70%	91.80%	91.90%	92.00%	92.10%

2.D. Summary of Base Request Objective Outcomes

10/17/2022 11:58:58AM

88th Regular Session, Agency Submission, Version 1
Automated Budget and Evaluation system of Texas (ABEST)

711 Texas A&M University					
Goal/ Objective / Outcome	Exp 2021	Est 2022	Bud 2023	BL 2024	BL 2025
KEY 26 State Licensure Pass Rate of Engineering Graduates	85.30%	85.40%	85.50%	85.60%	85.70%
KEY 27 State Licensure Examination Pass Rate of Veterinary Medicine Graduates	100.00%	99.50%	99.00%	98.50%	98.00%
KEY 28 Dollar Value of External or Sponsored Research Funds (in Millions)	222.92	233.85	234.00	234.00	234.00
29 External Research Funds As Percentage Appropriated for Research	32,160.57%	35,512.48%	35,512.48%	35,512.48%	35,512.48%

2.E. Summary of Exceptional Items Request
88th Regular Session, Agency Submission, Version 1
Automated Budget and Evaluation System of Texas (ABEST)

DATE: 10/17/2022
TIME : 11:58:59AM

Agency code: 711

Agency name: Texas A&M University

		2024			2025			Biennium	
Priority	Item	GR and GR/GR Dedicated	All Funds	FTEs	GR and GR Dedicated	All Funds	FTEs	GR and GR Dedicated	All Funds
1	MetaFort Virtual Prod Institute	\$25,000,000	\$25,000,000	37.0	\$25,000,000	\$25,000,000	60.5	\$50,000,000	\$50,000,000
Total, Exceptional Items Request		\$25,000,000	\$25,000,000	37.0	\$25,000,000	\$25,000,000	60.5	\$50,000,000	\$50,000,000
Method of Financing									
	General Revenue	\$25,000,000	\$25,000,000		\$25,000,000	\$25,000,000		\$50,000,000	\$50,000,000
	General Revenue - Dedicated								
	Federal Funds								
	Other Funds								
		\$25,000,000	\$25,000,000		\$25,000,000	\$25,000,000		\$50,000,000	\$50,000,000
Full Time Equivalent Positions				37.0				60.5	
Number of 100% Federally Funded FTEs									

2.F. Summary of Total Request by Strategy
88th Regular Session, Agency Submission, Version 1
Automated Budget and Evaluation System of Texas (ABEST)

DATE : 10/17/2022
TIME : 11:58:59AM

Agency code: 711 Agency name: Texas A&M University

Goal/Objective/STRATEGY	Base 2024	Base 2025	Exceptional 2024	Exceptional 2025	Total Request 2024	Total Request 2025
1 Provide Instructional and Operations Support						
1 <i>Provide Instructional and Operations Support</i>						
1 OPERATIONS SUPPORT	\$0	\$0	\$0	\$0	\$0	\$0
3 STAFF GROUP INSURANCE PREMIUMS	28,339,231	28,622,623	0	0	28,339,231	28,622,623
4 WORKERS' COMPENSATION INSURANCE	1,316,377	1,316,376	0	0	1,316,377	1,316,376
6 TEXAS PUBLIC EDUCATION GRANTS	12,532,747	12,683,140	0	0	12,532,747	12,683,140
7 ORGANIZED ACTIVITIES	24,500,000	24,500,000	0	0	24,500,000	24,500,000
TOTAL, GOAL 1	\$66,688,355	\$67,122,139	\$0	\$0	\$66,688,355	\$67,122,139
2 Provide Infrastructure Support						
1 <i>Provide Operation and Maintenance of E&G Space</i>						
1 E&G SPACE SUPPORT	0	0	0	0	0	0
2 CCAP REVENUE BONDS	13,161,369	13,167,947	0	0	13,161,369	13,167,947
TOTAL, GOAL 2	\$13,161,369	\$13,167,947	\$0	\$0	\$13,161,369	\$13,167,947

2.F. Summary of Total Request by Strategy
88th Regular Session, Agency Submission, Version 1
Automated Budget and Evaluation System of Texas (ABEST)

DATE : 10/17/2022
TIME : 11:58:59AM

Agency code: 711 Agency name: Texas A&M University

Goal/Objective/STRATEGY	Base 2024	Base 2025	Exceptional 2024	Exceptional 2025	Total Request 2024	Total Request 2025
3 Provide Non-formula Support						
2 Research						
1 CYCLOTRON INSTITUTE	\$247,298	\$247,298	\$0	\$0	\$247,298	\$247,298
2 SEA GRANT PROGRAM	162,267	162,267	0	0	162,267	162,267
3 ENERGY RESOURCES PROGRAM	248,928	248,928	0	0	248,928	248,928
3 Public Service						
1 COLONIAS PROGRAM	338,483	338,483	0	0	338,483	338,483
4 INSTITUTIONAL SUPPORT						
1 INSTITUTIONAL ENHANCEMENT	26,290,000	26,290,000	0	0	26,290,000	26,290,000
5 Exceptional Item Request						
1 EXCEPTIONAL ITEM REQUEST	0	0	25,000,000	25,000,000	25,000,000	25,000,000
TOTAL, GOAL 3	\$27,286,976	\$27,286,976	\$25,000,000	\$25,000,000	\$52,286,976	\$52,286,976

2.F. Summary of Total Request by Strategy
88th Regular Session, Agency Submission, Version 1
Automated Budget and Evaluation System of Texas (ABEST)

DATE : 10/17/2022
TIME : 11:58:59AM

Agency code: 711	Agency name: Texas A&M University					
Goal/Objective/STRATEGY	Base 2024	Base 2025	Exceptional 2024	Exceptional 2025	Total Request 2024	Total Request 2025
6 Research Funds						
4 Texas Research University Fund						
1 TEXAS RESEARCH UNIVERSITY FUND	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL, GOAL 6	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL, AGENCY STRATEGY REQUEST	\$107,136,700	\$107,577,062	\$25,000,000	\$25,000,000	\$132,136,700	\$132,577,062
TOTAL, AGENCY RIDER APPROPRIATIONS REQUEST						
GRAND TOTAL, AGENCY REQUEST	\$107,136,700	\$107,577,062	\$25,000,000	\$25,000,000	\$132,136,700	\$132,577,062

2.F. Summary of Total Request by Strategy
88th Regular Session, Agency Submission, Version 1
Automated Budget and Evaluation System of Texas (ABEST)

DATE : 10/17/2022
TIME : 11:58:59AM

Agency code: 711		Agency name: Texas A&M University					
Goal/Objective/STRATEGY		Base 2024	Base 2025	Exceptional 2024	Exceptional 2025	Total Request 2024	Total Request 2025
General Revenue Funds:							
1	General Revenue Fund	\$41,599,722	\$41,606,299	\$25,000,000	\$25,000,000	\$66,599,722	\$66,606,299
		\$41,599,722	\$41,606,299	\$25,000,000	\$25,000,000	\$66,599,722	\$66,606,299
General Revenue Dedicated Funds:							
704	Est Bd Authorized Tuition Inc	0	0	0	0	0	0
770	Est. Other Educational & General	65,371,978	65,805,763	0	0	65,371,978	65,805,763
		\$65,371,978	\$65,805,763	\$0	\$0	\$65,371,978	\$65,805,763
Other Funds:							
802	Lic Plate Trust Fund No. 0802, est	165,000	165,000	0	0	165,000	165,000
		\$165,000	\$165,000	\$0	\$0	\$165,000	\$165,000
TOTAL, METHOD OF FINANCING		\$107,136,700	\$107,577,062	\$25,000,000	\$25,000,000	\$132,136,700	\$132,577,062
FULL TIME EQUIVALENT POSITIONS		5,090.9	5,190.9	37.0	60.5	5,127.9	5,251.4

2.G. Summary of Total Request Objective Outcomes
88th Regular Session, Agency Submission, Version 1
Automated Budget and Evaluation system of Texas (ABEST)

Date : 10/17/2022

Time: 11:58:59AM

Agency code: 711

Agency name: Texas A&M University

Goal/ Objective / Outcome

		BL 2024	BL 2025	Excp 2024	Excp 2025	Total Request 2024	Total Request 2025
1	Provide Instructional and Operations Support						
1	Provide Instructional and Operations Support						
KEY	1 % 1st-time, Full-time, Degree-seeking Frsh Earn Degree in 6 Yrs						
		84.10%	84.60%			84.10%	84.60%
	2 % 1st-time, Full-time, Degree-seeking White Frsh Earn Degree in 6 Yrs						
		87.40%	87.90%			87.40%	87.90%
	3 % 1st-time, Full-time, Degree-seeking Hisp Frsh Earn Degree in 6 Yrs						
		77.70%	78.20%			77.70%	78.20%
	4 % 1st-time, Full-time, Degree-seeking Black Frsh Earn Degree in 6 Yrs						
		75.50%	76.00%			75.50%	76.00%
	5 % 1st-time, Full-time, Degree-seeking Other Frshmn Earn Deg in 6 Yrs						
		84.50%	85.00%			84.50%	85.00%
KEY	6 % 1st-time, Full-time, Degree-seeking Frsh Earn Degree in 4 Yrs						
		61.30%	61.80%			61.30%	61.80%
	7 % 1st-time, Full-time, Degree-seeking White Frsh Earn Degree in 4 Yrs						
		64.60%	65.10%			64.60%	65.10%
	8 % 1st-time, Full-time, Degree-seeking Hisp Frsh Earn Degree in 4 Yrs						
		55.80%	56.30%			55.80%	56.30%

2.G. Summary of Total Request Objective Outcomes
88th Regular Session, Agency Submission, Version 1
Automated Budget and Evaluation system of Texas (ABEST)

Date : 10/17/2022

Time: 11:58:59AM

Agency code: 711

Agency name: Texas A&M University

Goal/ Objective / Outcome

	BL 2024	BL 2025	Excp 2024	Excp 2025	Total Request 2024	Total Request 2025
9 % 1st-time, Full-time, Degree-seeking Black Frsh Earn Degree in 4 Yrs						
	53.00%	53.50%			53.00%	53.50%
10 % 1st-time, Full-time, Degree-seeking Other Frsh Earn Degree in 4 Yrs						
	59.70%	60.20%			59.70%	60.20%
KEY 11 Persistence Rate 1st-time, Full-time, Degree-seeking Frsh after 1 Yr						
	93.40%	93.90%			93.40%	93.90%
12 Persistence 1st-time, Full-time, Degree-seeking White Frsh after 1 Yr						
	94.70%	95.20%			94.70%	95.20%
13 Persistence 1st-time, Full-time, Degree-seeking Hisp Frsh after 1 Yr						
	90.00%	90.50%			90.00%	90.50%
14 Persistence 1st-time, Full-time, Degree-seeking Black Frsh after 1 Yr						
	92.00%	92.50%			92.00%	92.50%
15 Persistence 1st-time, Full-time, Degree-seeking Other Frsh after 1 Yr						
	94.30%	94.80%			94.30%	94.80%
16 Percent of Semester Credit Hours Completed						
	94.20%	94.30%			94.20%	94.30%
KEY 17 Certification Rate of Teacher Education Graduates						
	96.80%	96.90%			96.80%	96.90%

2.G. Summary of Total Request Objective Outcomes
88th Regular Session, Agency Submission, Version 1
Automated Budget and Evaluation system of Texas (ABEST)

Date : 10/17/2022

Time: 11:58:59AM

Agency code: 711

Agency name: Texas A&M University

Goal/ Objective / Outcome

	BL 2024	BL 2025	Excp 2024	Excp 2025	Total Request 2024	Total Request 2025
18 Percentage of Underprepared Students Satisfy a TSI Obligation in Math						
	94.70%	94.90%			94.70%	94.90%
19 Percentage of Underprepared Students Satisfy TSI Obligation in Writing						
	33.80%	34.80%			33.80%	34.80%
20 Percentage of Underprepared Students Satisfy TSI Obligation in Reading						
	91.90%	92.10%			91.90%	92.10%
KEY 21 % of Baccalaureate Graduates Who Are 1st Generation College Graduates						
	24.60%	24.60%			24.60%	24.60%
KEY 22 Percent of Transfer Students Who Graduate within 4 Years						
	88.90%	89.40%			88.90%	89.40%
KEY 23 Percent of Transfer Students Who Graduate within 2 Years						
	21.70%	22.20%			21.70%	22.20%
KEY 24 % Lower Division Semester Credit Hours Taught by Tenured/Tenure Track						
	25.30%	25.30%			25.30%	25.30%
KEY 25 State Licensure Pass Rate Law Graduates						
	92.00%	92.10%			92.00%	92.10%
KEY 26 State Licensure Pass Rate of Engineering Graduates						
	85.60%	85.70%			85.60%	85.70%

2.G. Summary of Total Request Objective Outcomes
88th Regular Session, Agency Submission, Version 1
Automated Budget and Evaluation system of Texas (ABEST)

Date : 10/17/2022

Time: 11:58:59AM

Agency code: 711

Agency name: Texas A&M University

Goal/ Objective / Outcome

	BL 2024	BL 2025	Excp 2024	Excp 2025	Total Request 2024	Total Request 2025
KEY	27 State Licensure Examination Pass Rate of Veterinary Medicine Graduates					
	98.50%	98.00%			98.50%	98.00%
KEY	28 Dollar Value of External or Sponsored Research Funds (in Millions)					
	234.00	234.00			234.00	234.00
	29 External Research Funds As Percentage Appropriated for Research					
	35,512.48%	35,512.48%			35,512.48%	35,512.48%

711 Texas A&M University

GOAL: 1 Provide Instructional and Operations Support
OBJECTIVE: 1 Provide Instructional and Operations Support
STRATEGY: 1 Operations Support

Service Categories:

Service: 19 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2021	Est 2022	Bud 2023	BL 2024 ⁽¹⁾	BL 2025 ⁽¹⁾
Output Measures:						
1	Number of Undergraduate Degrees Awarded	12,357.00	12,500.00	12,600.00	12,700.00	12,800.00
2	Number of Minority Graduates	3,318.00	3,356.00	3,383.00	3,410.00	3,437.00
3	Number of Underprepared Students Who Satisfy TSI Obligation in Math	95.00	96.00	97.00	98.00	99.00
4	Number of Underprepared Students Who Satisfy TSI Obligation in Writing	4.00	4.00	5.00	5.00	6.00
5	Number of Underprepared Students Who Satisfy TSI Obligation in Reading	21.00	22.00	23.00	24.00	25.00
6	Number of Two-Year College Transfers Who Graduate	4,143.00	4,175.00	4,200.00	4,225.00	4,250.00
Efficiency Measures:						
KEY 1	Administrative Cost As a Percent of Operating Budget	4.80 %	4.80 %	4.80 %	4.80 %	4.80 %
KEY 2	Avg Cost of Resident Undergraduate Tuition and Fees for 15 SCH	6,049.00	6,357.00	6,357.00	6,357.00	6,357.00
Explanatory/Input Measures:						
1	Student/Faculty Ratio	22.20	21.50	21.50	21.50	21.50
2	Number of Minority Students Enrolled	17,070.00	17,095.00	18,350.00	18,600.00	19,000.00
3	Number of Community College Transfers Enrolled	13,313.00	13,325.00	13,350.00	13,500.00	13,750.00
4	Number of Semester Credit Hours Completed	748,402.00	750,000.00	752,000.00	754,000.00	754,000.00

(1) - Formula funded strategies are not requested in 2024-25 because amounts are not determined by institutions.

711 Texas A&M University

GOAL: 1 Provide Instructional and Operations Support
OBJECTIVE: 1 Provide Instructional and Operations Support
STRATEGY: 1 Operations Support

Service Categories:

Service: 19 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2021	Est 2022	Bud 2023	BL 2024 ⁽¹⁾	BL 2025 ⁽¹⁾
5	Number of Semester Credit Hours	798,851.00	800,000.00	802,000.00	804,000.00	806,000.00
6	Number of Students Enrolled as of the Twelfth Class Day	65,272.00	66,057.00	66,850.00	67,650.00	68,450.00
KEY 7	Average Student Loan Debt	24,047.00	24,000.00	24,200.00	24,300.00	24,400.00
KEY 8	Percent of Students with Student Loan Debt	40.45 %	40.40 %	41.00 %	41.50 %	42.00 %
KEY 9	Average Financial Aid Award Per Full-Time Student	13,886.00	13,900.00	14,000.00	14,100.00	14,200.00
KEY 10	Percent of Full-Time Students Receiving Financial Aid	76.16 %	76.20 %	76.30 %	76.40 %	76.50 %
Objects of Expense:						
1001	SALARIES AND WAGES	\$136,111,366	\$151,067,586	\$153,282,005	\$0	\$0
1002	OTHER PERSONNEL COSTS	\$18,297,361	\$18,330,505	\$18,030,505	\$0	\$0
1005	FACULTY SALARIES	\$177,327,900	\$194,925,755	\$197,046,774	\$0	\$0
1010	PROFESSIONAL SALARIES	\$3,417,267	\$3,500,000	\$3,600,000	\$0	\$0
2001	PROFESSIONAL FEES AND SERVICES	\$228,547	\$205,816	\$177,544	\$0	\$0
2002	FUELS AND LUBRICANTS	\$9,232	\$4,274	\$7,172	\$0	\$0
2003	CONSUMABLE SUPPLIES	\$440	\$204	\$342	\$0	\$0
2004	UTILITIES	\$164,625	\$176,221	\$127,889	\$0	\$0
2006	RENT - BUILDING	\$33,417	\$15,472	\$25,960	\$0	\$0
2007	RENT - MACHINE AND OTHER	\$61,708	\$28,570	\$47,937	\$0	\$0
2009	OTHER OPERATING EXPENSE	\$1,080,237	\$1,082,402	\$578,546	\$0	\$0

(1) - Formula funded strategies are not requested in 2024-25 because amounts are not determined by institutions.

711 Texas A&M University						
GOAL:	1	Provide Instructional and Operations Support				
OBJECTIVE:	1	Provide Instructional and Operations Support			Service Categories:	
STRATEGY:	1	Operations Support			Service: 19	Income: A.2 Age: B.3
CODE	DESCRIPTION	Exp 2021	Est 2022	Bud 2023	(1) BL 2024	(1) BL 2025
3001	CLIENT SERVICES	\$494,759	\$529,069	\$294,330	\$0	\$0
TOTAL, OBJECT OF EXPENSE		\$337,226,859	\$369,865,874	\$373,219,004	\$0	\$0
Method of Financing:						
1	General Revenue Fund	\$247,687,038	\$272,050,433	\$272,049,672	\$0	\$0
SUBTOTAL, MOF (GENERAL REVENUE FUNDS)		\$247,687,038	\$272,050,433	\$272,049,672	\$0	\$0
Method of Financing:						
704	Est Bd Authorized Tuition Inc	\$10,247,214	\$10,692,578	\$10,906,430	\$0	\$0
770	Est. Other Educational & General	\$79,292,607	\$87,122,863	\$90,262,902	\$0	\$0
SUBTOTAL, MOF (GENERAL REVENUE FUNDS - DEDICATED)		\$89,539,821	\$97,815,441	\$101,169,332	\$0	\$0
TOTAL, METHOD OF FINANCE (INCLUDING RIDERS)					\$0	\$0
TOTAL, METHOD OF FINANCE (EXCLUDING RIDERS)		\$337,226,859	\$369,865,874	\$373,219,004	\$0	\$0
FULL TIME EQUIVALENT POSITIONS:		4,168.6	4,391.1	4,441.5	4,541.5	4,641.5

(1) - Formula funded strategies are not requested in 2024-25 because amounts are not determined by institutions.

711 Texas A&M University

GOAL: 1 Provide Instructional and Operations Support
OBJECTIVE: 1 Provide Instructional and Operations Support
STRATEGY: 1 Operations Support

Service Categories:

Service: 19 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2021	Est 2022	Bud 2023	BL 2024 ⁽¹⁾	BL 2025 ⁽¹⁾
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STRATEGY DESCRIPTION AND JUSTIFICATION:

The Instruction and Operations Formula provides funding for faculty salaries, departmental operating expense, library, instructional administration, research enhancement, student services and institutional support. The funds are distributed on a weighted semester credit hour basis. The rate per weighted semester credit hour is established by the Legislature each biennium. The Teaching Experience Supplement formula provides an additional weight of 10 percent to lower and upper division semester credit hours taught by tenured and tenure-track faculty.

EXTERNAL/INTERNAL FACTORS IMPACTING STRATEGY:

EXPLANATION OF BIENNIAL CHANGE (includes Rider amounts):

<u>STRATEGY BIENNIAL TOTAL - ALL FUNDS</u>		<u>BIENNIAL CHANGE</u>	<u>EXPLANATION OF BIENNIAL CHANGE</u>	
<u>Base Spending (Est 2022 + Bud 2023)</u>	<u>Baseline Request (BL 2024 + BL 2025)</u>		<u>\$ Amount</u>	<u>Explanation(s) of Amount (must specify MOFs and FTEs)</u>
\$743,084,878	\$0	\$(743,084,878)	\$(743,084,878)	Formula Funding strategies are not requested in 2024-2025 because amounts are not determined by institutions, and therefore, MOFs 1, 704, and 770 show a decrease.
			<u>\$(743,084,878)</u>	Total of Explanation of Biennial Change

(1) - Formula funded strategies are not requested in 2024-25 because amounts are not determined by institutions.

711 Texas A&M University

GOAL: 1 Provide Instructional and Operations Support
OBJECTIVE: 1 Provide Instructional and Operations Support
STRATEGY: 3 Staff Group Insurance Premiums

Service Categories:

Service: 06 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2021	Est 2022	Bud 2023	BL 2024	BL 2025
Objects of Expense:						
1002	OTHER PERSONNEL COSTS	\$21,516,575	\$24,188,487	\$28,058,645	\$28,339,231	\$28,622,623
TOTAL, OBJECT OF EXPENSE		\$21,516,575	\$24,188,487	\$28,058,645	\$28,339,231	\$28,622,623
Method of Financing:						
1	General Revenue Fund	\$0	\$0	\$0	\$0	\$0
SUBTOTAL, MOF (GENERAL REVENUE FUNDS)		\$0	\$0	\$0	\$0	\$0
Method of Financing:						
770	Est. Other Educational & General	\$21,516,575	\$24,188,487	\$28,058,645	\$28,339,231	\$28,622,623
SUBTOTAL, MOF (GENERAL REVENUE FUNDS - DEDICATED)		\$21,516,575	\$24,188,487	\$28,058,645	\$28,339,231	\$28,622,623
TOTAL, METHOD OF FINANCE (INCLUDING RIDERS)					\$28,339,231	\$28,622,623
TOTAL, METHOD OF FINANCE (EXCLUDING RIDERS)		\$21,516,575	\$24,188,487	\$28,058,645	\$28,339,231	\$28,622,623
FULL TIME EQUIVALENT POSITIONS:						

711 Texas A&M University

GOAL: 1 Provide Instructional and Operations Support
OBJECTIVE: 1 Provide Instructional and Operations Support
STRATEGY: 3 Staff Group Insurance Premiums

Service Categories:

Service: 06 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2021	Est 2022	Bud 2023	BL 2024	BL 2025
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STRATEGY DESCRIPTION AND JUSTIFICATION:

This strategy is to provide proportional share of staff group insurance premiums paid from Other Educational and General funds.

EXTERNAL/INTERNAL FACTORS IMPACTING STRATEGY:

EXPLANATION OF BIENNIAL CHANGE (includes Rider amounts):

<u>STRATEGY BIENNIAL TOTAL - ALL FUNDS</u>		<u>BIENNIAL CHANGE</u>	<u>EXPLANATION OF BIENNIAL CHANGE</u>	
<u>Base Spending (Est 2022 + Bud 2023)</u>	<u>Baseline Request (BL 2024 + BL 2025)</u>		<u>\$ Amount</u>	<u>Explanation(s) of Amount (must specify MOFs and FTEs)</u>
\$52,247,132	\$56,961,854	\$4,714,722	\$4,714,722	The growth in MOF 770 is from an anticipated increase in insurance costs, peaking in FY23 due to COVID with small increases in subsequent years.
			<u>\$4,714,722</u>	Total of Explanation of Biennial Change

711 Texas A&M University

GOAL: 1 Provide Instructional and Operations Support
OBJECTIVE: 1 Provide Instructional and Operations Support
STRATEGY: 4 Workers' Compensation Insurance

Service Categories:

Service: 06 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2021	Est 2022	Bud 2023	BL 2024	BL 2025
Objects of Expense:						
2009	OTHER OPERATING EXPENSE	\$839,707	\$856,039	\$856,039	\$1,316,377	\$1,316,376
TOTAL, OBJECT OF EXPENSE		\$839,707	\$856,039	\$856,039	\$1,316,377	\$1,316,376
Method of Financing:						
1	General Revenue Fund	\$629,565	\$641,810	\$641,810	\$1,316,377	\$1,316,376
SUBTOTAL, MOF (GENERAL REVENUE FUNDS)		\$629,565	\$641,810	\$641,810	\$1,316,377	\$1,316,376
Method of Financing:						
770	Est. Other Educational & General	\$210,142	\$214,229	\$214,229	\$0	\$0
SUBTOTAL, MOF (GENERAL REVENUE FUNDS - DEDICATED)		\$210,142	\$214,229	\$214,229	\$0	\$0
TOTAL, METHOD OF FINANCE (INCLUDING RIDERS)					\$1,316,377	\$1,316,376
TOTAL, METHOD OF FINANCE (EXCLUDING RIDERS)		\$839,707	\$856,039	\$856,039	\$1,316,377	\$1,316,376
FULL TIME EQUIVALENT POSITIONS:						

711 Texas A&M University

GOAL: 1 Provide Instructional and Operations Support
OBJECTIVE: 1 Provide Instructional and Operations Support
STRATEGY: 4 Workers' Compensation Insurance

Service Categories:

Service: 06 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2021	Est 2022	Bud 2023	BL 2024	BL 2025
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STRATEGY DESCRIPTION AND JUSTIFICATION:

The strategy funds the Worker's Compensation payments related to Educational and General funds.

EXTERNAL/INTERNAL FACTORS IMPACTING STRATEGY:

EXPLANATION OF BIENNIAL CHANGE (includes Rider amounts):

<u>STRATEGY BIENNIAL TOTAL - ALL FUNDS</u>		<u>BIENNIAL CHANGE</u>	<u>EXPLANATION OF BIENNIAL CHANGE</u>	
<u>Base Spending (Est 2022 + Bud 2023)</u>	<u>Baseline Request (BL 2024 + BL 2025)</u>		<u>\$ Amount</u>	<u>Explanation(s) of Amount (must specify MOFs and FTEs)</u>
\$1,712,078	\$2,632,753	\$920,675	\$920,675	Difference in workers compensation claims vs appropriations caused a change in MOFs 1 and 770.
			\$920,675	Total of Explanation of Biennial Change

711 Texas A&M University

GOAL: 1 Provide Instructional and Operations Support
OBJECTIVE: 1 Provide Instructional and Operations Support
STRATEGY: 6 Texas Public Education Grants

Service Categories:

Service: 20 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2021	Est 2022	Bud 2023	BL 2024	BL 2025
Objects of Expense:						
2009	OTHER OPERATING EXPENSE	\$12,247,671	\$13,557,379	\$12,384,138	\$12,532,747	\$12,683,140
TOTAL, OBJECT OF EXPENSE		\$12,247,671	\$13,557,379	\$12,384,138	\$12,532,747	\$12,683,140
Method of Financing:						
770	Est. Other Educational & General	\$12,247,671	\$13,557,379	\$12,384,138	\$12,532,747	\$12,683,140
SUBTOTAL, MOF (GENERAL REVENUE FUNDS - DEDICATED)		\$12,247,671	\$13,557,379	\$12,384,138	\$12,532,747	\$12,683,140
TOTAL, METHOD OF FINANCE (INCLUDING RIDERS)					\$12,532,747	\$12,683,140
TOTAL, METHOD OF FINANCE (EXCLUDING RIDERS)		\$12,247,671	\$13,557,379	\$12,384,138	\$12,532,747	\$12,683,140

FULL TIME EQUIVALENT POSITIONS:

STRATEGY DESCRIPTION AND JUSTIFICATION:

This strategy represents tuition set aside for the Texas Public Education Grants program as required by Section 56.033 of the Texas Education Code.

EXTERNAL/INTERNAL FACTORS IMPACTING STRATEGY:

711 Texas A&M University

GOAL: 1 Provide Instructional and Operations Support
OBJECTIVE: 1 Provide Instructional and Operations Support
STRATEGY: 6 Texas Public Education Grants

Service Categories:

Service: 20 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2021	Est 2022	Bud 2023	BL 2024	BL 2025
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EXPLANATION OF BIENNIAL CHANGE (includes Rider amounts):

<u>STRATEGY BIENNIAL TOTAL - ALL FUNDS</u>		<u>BIENNIAL CHANGE</u>	<u>EXPLANATION OF BIENNIAL CHANGE</u>	
<u>Base Spending (Est 2022 + Bud 2023)</u>	<u>Baseline Request (BL 2024 + BL 2025)</u>		<u>\$ Amount</u>	<u>Explanation(s) of Amount (must specify MOFs and FTEs)</u>
\$25,941,517	\$25,215,887	\$(725,630)	\$(725,630)	TPEG decrease in MOF 770 due to error in calculation in previous years
			<u>\$(725,630)</u>	Total of Explanation of Biennial Change

711 Texas A&M University

GOAL: 1 Provide Instructional and Operations Support
OBJECTIVE: 1 Provide Instructional and Operations Support
STRATEGY: 7 Organized Activities

Service Categories:

Service: 19 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2021	Est 2022	Bud 2023	BL 2024	BL 2025
Objects of Expense:						
1001	SALARIES AND WAGES	\$0	\$0	\$0	\$12,250,000	\$12,250,000
2009	OTHER OPERATING EXPENSE	\$0	\$0	\$0	\$12,250,000	\$12,250,000
TOTAL, OBJECT OF EXPENSE		\$0	\$0	\$0	\$24,500,000	\$24,500,000
Method of Financing:						
770	Est. Other Educational & General	\$0	\$0	\$0	\$24,500,000	\$24,500,000
SUBTOTAL, MOF (GENERAL REVENUE FUNDS - DEDICATED)		\$0	\$0	\$0	\$24,500,000	\$24,500,000
TOTAL, METHOD OF FINANCE (INCLUDING RIDERS)					\$24,500,000	\$24,500,000
TOTAL, METHOD OF FINANCE (EXCLUDING RIDERS)		\$0	\$0	\$0	\$24,500,000	\$24,500,000

FULL TIME EQUIVALENT POSITIONS:

STRATEGY DESCRIPTION AND JUSTIFICATION:

Organized Activities represents expenditures related to the Texas A&M University College of Veterinary Medicine Teaching Hospital. Funds appropriated for Organized Activities are not spent in this strategy. They are transferred and spent in the Operations Support strategy.

711 Texas A&M University

GOAL: 1 Provide Instructional and Operations Support
OBJECTIVE: 1 Provide Instructional and Operations Support
STRATEGY: 7 Organized Activities

Service Categories:

Service: 19 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2021	Est 2022	Bud 2023	BL 2024	BL 2025
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EXTERNAL/INTERNAL FACTORS IMPACTING STRATEGY:

EXPLANATION OF BIENNIAL CHANGE (includes Rider amounts):

<u>STRATEGY BIENNIAL TOTAL - ALL FUNDS</u>		<u>BIENNIAL CHANGE</u>	<u>EXPLANATION OF BIENNIAL CHANGE</u>	
<u>Base Spending (Est 2022 + Bud 2023)</u>	<u>Baseline Request (BL 2024 + BL 2025)</u>		<u>\$ Amount</u>	<u>Explanation(s) of Amount (must specify MOFs and FTEs)</u>
\$0	\$49,000,000	\$49,000,000	\$49,000,000	MOF 770 funds appropriated for Organized Activities are not spent in this strategy. They are transferred and spent in the Operations Support Strategy.
			<u>\$49,000,000</u>	Total of Explanation of Biennial Change

711 Texas A&M University

GOAL: 2 Provide Infrastructure Support

OBJECTIVE: 1 Provide Operation and Maintenance of E&G Space

STRATEGY: 1 Educational and General Space Support

Service Categories:

Service: 10

Income: A.2

Age: B.3

CODE	DESCRIPTION	Exp 2021	Est 2022	Bud 2023	BL 2024 ⁽¹⁾	BL 2025 ⁽¹⁾
Efficiency Measures:						
1	Space Utilization Rate of Classrooms	30.00	30.00	30.00	30.00	30.00
2	Space Utilization Rate of Labs	20.00	20.00	20.00	20.00	20.00
Objects of Expense:						
1001	SALARIES AND WAGES	\$2,713,131	\$2,780,748	\$2,783,167	\$0	\$0
1002	OTHER PERSONNEL COSTS	\$10,414	\$0	\$0	\$0	\$0
2002	FUELS AND LUBRICANTS	\$3,166	\$4,716	\$4,349	\$0	\$0
2007	RENT - MACHINE AND OTHER	\$11,602	\$26,596	\$24,526	\$0	\$0
2009	OTHER OPERATING EXPENSE	\$26,592	\$39,603	\$36,520	\$0	\$0
TOTAL, OBJECT OF EXPENSE		\$2,764,905	\$2,851,663	\$2,848,562	\$0	\$0
Method of Financing:						
1	General Revenue Fund	\$1,869,417	\$1,917,905	\$1,918,421	\$0	\$0
SUBTOTAL, MOF (GENERAL REVENUE FUNDS)		\$1,869,417	\$1,917,905	\$1,918,421	\$0	\$0
Method of Financing:						
770	Est. Other Educational & General	\$895,488	\$933,758	\$930,141	\$0	\$0
SUBTOTAL, MOF (GENERAL REVENUE FUNDS - DEDICATED)		\$895,488	\$933,758	\$930,141	\$0	\$0

(1) - Formula funded strategies are not requested in 2024-25 because amounts are not determined by institutions.

711 Texas A&M University

GOAL: 2 Provide Infrastructure Support

OBJECTIVE: 1 Provide Operation and Maintenance of E&G Space

STRATEGY: 1 Educational and General Space Support

Service Categories:

Service: 10

Income: A.2

Age: B.3

CODE	DESCRIPTION	Exp 2021	Est 2022	Bud 2023	(1) BL 2024	(1) BL 2025
TOTAL, METHOD OF FINANCE (INCLUDING RIDERS)					\$0	\$0
TOTAL, METHOD OF FINANCE (EXCLUDING RIDERS)		\$2,764,905	\$2,851,663	\$2,848,562	\$0	\$0
FULL TIME EQUIVALENT POSITIONS:		46.2	49.6	49.3	49.3	49.3

STRATEGY DESCRIPTION AND JUSTIFICATION:

The Infrastructure Support formula distributes funding associated with plant-related formulas and utilities. This formula is driven by the predicted square feet for universities' educational and general activities produced by the Coordinating Board Space Projection Model. The portion of the formula related to utilities is adjusted to reflect differences in unit costs for purchased utilities, including electricity, natural gas, water and wastewater, and thermal energy.

EXTERNAL/INTERNAL FACTORS IMPACTING STRATEGY:

(1) - Formula funded strategies are not requested in 2024-25 because amounts are not determined by institutions.

711 Texas A&M University

GOAL: 2 Provide Infrastructure Support

OBJECTIVE: 1 Provide Operation and Maintenance of E&G Space

STRATEGY: 1 Educational and General Space Support

Service Categories:

Service: 10

Income: A.2

Age: B.3

CODE	DESCRIPTION	Exp 2021	Est 2022	Bud 2023	BL 2024 ⁽¹⁾	BL 2025 ⁽¹⁾
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EXPLANATION OF BIENNIAL CHANGE (includes Rider amounts):

<u>STRATEGY BIENNIAL TOTAL - ALL FUNDS</u>		BIENNIAL	<u>EXPLANATION OF BIENNIAL CHANGE</u>	
Base Spending (Est 2022 + Bud 2023)	Baseline Request (BL 2024 + BL 2025)	CHANGE	\$ Amount	Explanation(s) of Amount (must specify MOFs and FTEs)
\$5,700,225	\$0	\$(5,700,225)	\$(5,700,225)	Formula based strategies are not requested in 2024-2025 because amounts are not determined by institutions. MOFs 1 and 770 are shown as decreasing because of this.
			\$(5,700,225)	Total of Explanation of Biennial Change

(1) - Formula funded strategies are not requested in 2024-25 because amounts are not determined by institutions.

711 Texas A&M University

GOAL: 2 Provide Infrastructure Support
OBJECTIVE: 1 Provide Operation and Maintenance of E&G Space
STRATEGY: 2 Capital Construction Assistance Projects Revenue Bonds

Service Categories:

Service: 10 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2021	Est 2022	Bud 2023	BL 2024	BL 2025
Objects of Expense:						
2008	DEBT SERVICE	\$8,267,586	\$8,259,106	\$13,724,222	\$13,161,369	\$13,167,947
TOTAL, OBJECT OF EXPENSE		\$8,267,586	\$8,259,106	\$13,724,222	\$13,161,369	\$13,167,947
Method of Financing:						
1	General Revenue Fund	\$8,267,586	\$8,259,106	\$13,724,222	\$13,161,369	\$13,167,947
SUBTOTAL, MOF (GENERAL REVENUE FUNDS)		\$8,267,586	\$8,259,106	\$13,724,222	\$13,161,369	\$13,167,947
TOTAL, METHOD OF FINANCE (INCLUDING RIDERS)					\$13,161,369	\$13,167,947
TOTAL, METHOD OF FINANCE (EXCLUDING RIDERS)		\$8,267,586	\$8,259,106	\$13,724,222	\$13,161,369	\$13,167,947

FULL TIME EQUIVALENT POSITIONS:

STRATEGY DESCRIPTION AND JUSTIFICATION:

Funding for the Emerging Technologies and Economic Development Interdisciplinary Building, the Biocontainment Research Facility, and the Clinical Veterinary Teaching and Research Complex

EXTERNAL/INTERNAL FACTORS IMPACTING STRATEGY:

711 Texas A&M University

GOAL: 2 Provide Infrastructure Support

OBJECTIVE: 1 Provide Operation and Maintenance of E&G Space

STRATEGY: 2 Capital Construction Assistance Projects Revenue Bonds

Service Categories:
Service: 10 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2021	Est 2022	Bud 2023	BL 2024	BL 2025
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EXPLANATION OF BIENNIAL CHANGE (includes Rider amounts):

<u>STRATEGY BIENNIAL TOTAL - ALL FUNDS</u>		<u>BIENNIAL CHANGE</u>	<u>EXPLANATION OF BIENNIAL CHANGE</u>	
<u>Base Spending (Est 2022 + Bud 2023)</u>	<u>Baseline Request (BL 2024 + BL 2025)</u>		<u>\$ Amount</u>	<u>Explanation(s) of Amount (must specify MOFs and FTEs)</u>
\$21,983,328	\$26,329,316	\$4,345,988	\$4,345,988	The increase in MOF 1 is due to the new Clinical Veterinary Teaching and Research Complex.
			<u>\$4,345,988</u>	Total of Explanation of Biennial Change

711 Texas A&M University

GOAL: 3 Provide Non-formula Support
OBJECTIVE: 2 Research
STRATEGY: 1 Cyclotron Institute

Service Categories:

Service: 21 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2021	Est 2022	Bud 2023	BL 2024	BL 2025
Objects of Expense:						
1001	SALARIES AND WAGES	\$805,440	\$942,300	\$942,300	\$247,298	\$247,298
1005	FACULTY SALARIES	\$89,033	\$105,216	\$105,216	\$0	\$0
2009	OTHER OPERATING EXPENSE	\$0	\$166,198	\$166,198	\$0	\$0
TOTAL, OBJECT OF EXPENSE		\$894,473	\$1,213,714	\$1,213,714	\$247,298	\$247,298
Method of Financing:						
1	General Revenue Fund	\$551,647	\$1,213,714	\$1,213,714	\$247,298	\$247,298
SUBTOTAL, MOF (GENERAL REVENUE FUNDS)		\$551,647	\$1,213,714	\$1,213,714	\$247,298	\$247,298
Method of Financing:						
770	Est. Other Educational & General	\$342,826	\$0	\$0	\$0	\$0
SUBTOTAL, MOF (GENERAL REVENUE FUNDS - DEDICATED)		\$342,826	\$0	\$0	\$0	\$0
TOTAL, METHOD OF FINANCE (INCLUDING RIDERS)					\$247,298	\$247,298
TOTAL, METHOD OF FINANCE (EXCLUDING RIDERS)		\$894,473	\$1,213,714	\$1,213,714	\$247,298	\$247,298
FULL TIME EQUIVALENT POSITIONS:		10.2	12.1	12.1	12.1	12.1

711 Texas A&M University

GOAL: 3 Provide Non-formula Support
OBJECTIVE: 2 Research
STRATEGY: 1 Cyclotron Institute

Service Categories:

Service: 21 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2021	Est 2022	Bud 2023	BL 2024	BL 2025
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STRATEGY DESCRIPTION AND JUSTIFICATION:

The Cyclotron Institute (CI) is a Department of Energy (DOE) Supported Center of Excellence, jointly supported by DOE and the State of Texas. It is a major technical and educational resource for the state and nation. The primary functions of the Institute are to conduct basic research, to educate students in accelerator based science and technology, and to provide accelerator capabilities for a wide variety of applications in materials science, nuclear medicine, space science, and analytical procedures. Additionally, the Cyclotron Institute is developing a radioisotope production program. Radioactive isotopes are central to non-invasive diagnostic medical procedures as well as therapeutic nuclear medicine. Through this program, methods of production for medically important radioisotopes will be pursued, resulting in new knowledge, increased availability of these isotopes and students trained in radiochemistry.

EXTERNAL/INTERNAL FACTORS IMPACTING STRATEGY:

This item is important to the University's mission, thus we supplement the GR received from the state, but those amounts are not included in the requested years.

Additional information for this strategy is available in Schedule 9, Non-Formula Support Information.

EXPLANATION OF BIENNIAL CHANGE (includes Rider amounts):

<u>STRATEGY BIENNIAL TOTAL - ALL FUNDS</u>		<u>BIENNIAL CHANGE</u>	<u>EXPLANATION OF BIENNIAL CHANGE</u>	
<u>Base Spending (Est 2022 + Bud 2023)</u>	<u>Baseline Request (BL 2024 + BL 2025)</u>		<u>\$ Amount</u>	<u>Explanation(s) of Amount (must specify MOFs and FTEs)</u>
\$2,427,428	\$494,596	\$(1,932,832)	\$(1,932,832)	The decrease in MOF 1 is due to expenditures for this program exceeding the appropriation.
			\$(1,932,832)	Total of Explanation of Biennial Change

711 Texas A&M University

GOAL: 3 Provide Non-formula Support
OBJECTIVE: 2 Research
STRATEGY: 2 Sea Grant Program

Service Categories:

Service: 21 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2021	Est 2022	Bud 2023	BL 2024	BL 2025
Objects of Expense:						
1001	SALARIES AND WAGES	\$479,714	\$546,149	\$546,149	\$162,267	\$162,267
1002	OTHER PERSONNEL COSTS	\$0	\$0	\$0	\$0	\$0
TOTAL, OBJECT OF EXPENSE		\$479,714	\$546,149	\$546,149	\$162,267	\$162,267
Method of Financing:						
1	General Revenue Fund	\$270,196	\$546,149	\$546,149	\$162,267	\$162,267
SUBTOTAL, MOF (GENERAL REVENUE FUNDS)		\$270,196	\$546,149	\$546,149	\$162,267	\$162,267
Method of Financing:						
770	Est. Other Educational & General	\$209,518	\$0	\$0	\$0	\$0
SUBTOTAL, MOF (GENERAL REVENUE FUNDS - DEDICATED)		\$209,518	\$0	\$0	\$0	\$0
TOTAL, METHOD OF FINANCE (INCLUDING RIDERS)					\$162,267	\$162,267
TOTAL, METHOD OF FINANCE (EXCLUDING RIDERS)		\$479,714	\$546,149	\$546,149	\$162,267	\$162,267
FULL TIME EQUIVALENT POSITIONS:		5.9	6.7	6.7	6.7	6.7

711 Texas A&M University

GOAL: 3 Provide Non-formula Support

OBJECTIVE: 2 Research

Service Categories:

STRATEGY: 2 Sea Grant Program

Service: 21

Income: A.2

Age: B.3

CODE	DESCRIPTION	Exp 2021	Est 2022	Bud 2023	BL 2024	BL 2025
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STRATEGY DESCRIPTION AND JUSTIFICATION:

Texas Sea Grant College Program at Texas A&M University was created to improve the understanding, wise use, and stewardship of Texas' coastal and marine resources. To achieve this mission, it directs research, outreach, and education programs to benefit the citizens, businesses, and communities from providing grants and scholarships, to funding Texas' innovative researchers to solve real-world problems, to deploying a boots-on-the-ground extension team to help industry in Texas be more competitive as well as build resilience to impacts from storms and other hazards. This unique partnership unites the resources of the federal government, the State of Texas, industry, and universities across the state to create knowledge, innovative tools, products, and services that benefit the economy and environment. Texas Sea Grant yields a 20:1 return on investment and for every state dollar invested in, it returns more than \$20. Additionally, the program receives federal funding that requires a match of one state dollar for every two federal dollars received. The state appropriation does not cover the federal match. Sea Grant combines state funding with other funding it receives from Texas A&M and other sources in order to meet the matching requirement. It is part of a national network of Sea Grant programs in coastal and Great Lakes states. The network is funded by the U.S. Department of Commerce, National Oceanic and Atmospheric Administration (NOAA) in partnership with the states.

EXTERNAL/INTERNAL FACTORS IMPACTING STRATEGY:

This item is important to the University's mission, thus we supplement the GR received from the state, but those amounts are not included in the requested years.

Additional information for this strategy is available in Schedule 9, Non-Formula Support Information.

711 Texas A&M University

GOAL: 3 Provide Non-formula Support
OBJECTIVE: 2 Research
STRATEGY: 2 Sea Grant Program

Service Categories:

Service: 21 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2021	Est 2022	Bud 2023	BL 2024	BL 2025
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EXPLANATION OF BIENNIAL CHANGE (includes Rider amounts):

<u>STRATEGY BIENNIAL TOTAL - ALL FUNDS</u>		<u>BIENNIAL CHANGE</u>	<u>EXPLANATION OF BIENNIAL CHANGE</u>	
<u>Base Spending (Est 2022 + Bud 2023)</u>	<u>Baseline Request (BL 2024 + BL 2025)</u>		<u>\$ Amount</u>	<u>Explanation(s) of Amount (must specify MOFs and FTEs)</u>
\$1,092,298	\$324,534	\$(767,764)	\$(767,764)	The decrease in MOF 1 is due to expenditures for this program exceeding the appropriation. The additional funding provided by Texas A&M helps Sea Grant meet the federal matching requirement.
			<u>\$(767,764)</u>	Total of Explanation of Biennial Change

711 Texas A&M University

GOAL: 3 Provide Non-formula Support
OBJECTIVE: 2 Research
STRATEGY: 3 Energy Resources Program

Service Categories:

Service: 21 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2021	Est 2022	Bud 2023	BL 2024	BL 2025
Objects of Expense:						
1001	SALARIES AND WAGES	\$539,523	\$325,529	\$299,051	\$248,928	\$248,928
1002	OTHER PERSONNEL COSTS	\$3,088	\$0	\$0	\$0	\$0
1005	FACULTY SALARIES	\$267,890	\$74,077	\$70,125	\$0	\$0
1010	PROFESSIONAL SALARIES	\$12,000	\$10,000	\$10,000	\$0	\$0
2009	OTHER OPERATING EXPENSE	\$0	\$8,370	\$8,859	\$0	\$0
TOTAL, OBJECT OF EXPENSE		\$822,501	\$417,976	\$388,035	\$248,928	\$248,928
Method of Financing:						
1	General Revenue Fund	\$411,689	\$417,976	\$388,035	\$248,928	\$248,928
SUBTOTAL, MOF (GENERAL REVENUE FUNDS)		\$411,689	\$417,976	\$388,035	\$248,928	\$248,928
Method of Financing:						
770	Est. Other Educational & General	\$410,812	\$0	\$0	\$0	\$0
SUBTOTAL, MOF (GENERAL REVENUE FUNDS - DEDICATED)		\$410,812	\$0	\$0	\$0	\$0

711 Texas A&M University

GOAL: 3 Provide Non-formula Support
OBJECTIVE: 2 Research
STRATEGY: 3 Energy Resources Program

Service Categories:

Service: 21 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2021	Est 2022	Bud 2023	BL 2024	BL 2025
TOTAL, METHOD OF FINANCE (INCLUDING RIDERS)					\$248,928	\$248,928
TOTAL, METHOD OF FINANCE (EXCLUDING RIDERS)		\$822,501	\$417,976	\$388,035	\$248,928	\$248,928
FULL TIME EQUIVALENT POSITIONS:		7.9	5.5	5.4	5.4	5.4

STRATEGY DESCRIPTION AND JUSTIFICATION:

Clean, affordable, and sustainable energy is critical to the state of Texas and its consumers, and as a major economic engine that affects the global competitiveness of the United States. For many decades, Texas has led in providing solutions to the energy challenges facing the nation and the world. The Energy Resources Program (ERP) at Texas A&M University was created to provide the state with a concentration of expertise in research, teaching, and public service directed at continuously developing solutions to Texas' and the nation's changing energy and environmental challenges. Texas A&M's ERP maintains programs and provides overarching coordination among multiple colleges, departments, and disciplines that addresses both immediate and long-term needs in an area of major importance to Texas and the national economy. The ERP accelerates advanced and emerging technologies in both renewable and traditional sources of energy by cultivating innovative strategies to maintain the State's leadership in wind power, renewable energy technologies, natural gas production and distribution, and critical issues associated with water use and energy production.

EXTERNAL/INTERNAL FACTORS IMPACTING STRATEGY:

This item is important to the University's mission, thus we supplement the GR received from the state, but those amounts are not included in the requested years.

Additional information for this strategy is available in Schedule 9, Non-Formula Support Information.

711 Texas A&M University

GOAL: 3 Provide Non-formula Support
OBJECTIVE: 2 Research
STRATEGY: 3 Energy Resources Program

Service Categories:

Service: 21 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2021	Est 2022	Bud 2023	BL 2024	BL 2025
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EXPLANATION OF BIENNIAL CHANGE (includes Rider amounts):

<u>STRATEGY BIENNIAL TOTAL - ALL FUNDS</u>		<u>BIENNIAL CHANGE</u>	<u>EXPLANATION OF BIENNIAL CHANGE</u>	
<u>Base Spending (Est 2022 + Bud 2023)</u>	<u>Baseline Request (BL 2024 + BL 2025)</u>		<u>\$ Amount</u>	<u>Explanation(s) of Amount (must specify MOFs and FTEs)</u>
\$806,011	\$497,856	\$(308,155)	\$(308,155)	The decrease in MOF 1 is due to expenditures for this program exceeding the appropriation.
			<u>\$(308,155)</u>	Total of Explanation of Biennial Change

711 Texas A&M University

GOAL: 3 Provide Non-formula Support
OBJECTIVE: 3 Public Service
STRATEGY: 1 Colonias Program

Service Categories:

Service: 19 Income: A.1 Age: B.3

CODE	DESCRIPTION	Exp 2021	Est 2022	Bud 2023	BL 2024	BL 2025
Objects of Expense:						
1001	SALARIES AND WAGES	\$529,945	\$630,281	\$635,784	\$338,483	\$338,483
1002	OTHER PERSONNEL COSTS	\$3,000	\$0	\$0	\$0	\$0
1005	FACULTY SALARIES	\$0	\$0	\$0	\$0	\$0
2004	UTILITIES	\$10,788	\$11,000	\$11,000	\$0	\$0
2005	TRAVEL	\$4,395	\$4,350	\$4,400	\$0	\$0
2006	RENT - BUILDING	\$44,431	\$44,450	\$45,000	\$0	\$0
2009	OTHER OPERATING EXPENSE	\$532	\$500	\$525	\$0	\$0
TOTAL, OBJECT OF EXPENSE		\$593,091	\$690,581	\$696,709	\$338,483	\$338,483
Method of Financing:						
1	General Revenue Fund	\$390,325	\$690,581	\$696,709	\$338,483	\$338,483
SUBTOTAL, MOF (GENERAL REVENUE FUNDS)		\$390,325	\$690,581	\$696,709	\$338,483	\$338,483
Method of Financing:						
770	Est. Other Educational & General	\$202,766	\$0	\$0	\$0	\$0
SUBTOTAL, MOF (GENERAL REVENUE FUNDS - DEDICATED)		\$202,766	\$0	\$0	\$0	\$0

711 Texas A&M University

GOAL: 3 Provide Non-formula Support
OBJECTIVE: 3 Public Service
STRATEGY: 1 Colonias Program

Service Categories:

Service: 19 Income: A.1 Age: B.3

CODE	DESCRIPTION	Exp 2021	Est 2022	Bud 2023	BL 2024	BL 2025
TOTAL, METHOD OF FINANCE (INCLUDING RIDERS)					\$338,483	\$338,483
TOTAL, METHOD OF FINANCE (EXCLUDING RIDERS)		\$593,091	\$690,581	\$696,709	\$338,483	\$338,483
FULL TIME EQUIVALENT POSITIONS:		9.9	11.9	11.9	11.9	11.9

STRATEGY DESCRIPTION AND JUSTIFICATION:

The vision of Colonias Program (COLN) at Texas A&M University (TAMU) is to serve some of Texas' most isolated and economically distressed rural communities where most residents live without one or more major infrastructure sources – such as basic access to potable water. COLN seeks to enhance the quality of life for Texas residents that live in these distressed communities, primarily located with counties bordering the United States (and Mexico).

The mission of the COLN seeks to identify livability, resiliency, as well as sustainability challenges in target communities through partnerships with various local organizations (public or private sector) and deliver solutions developed for six critical services: (1) Affordable Housing and Community Facilities; (2) Civil Infrastructure Systems, emphasizing six specific networks - communications, energy, mobility/transportation, sewage, storm water, and water; (3) Economic Development; (4) Education and Workforce Development; (5) Health and Human Services, focusing on the well-being of individuals, families, and communities; and (6) Planning and Design of rural-to-urban environments .

EXTERNAL/INTERNAL FACTORS IMPACTING STRATEGY:

This item is important to the University's mission, thus we supplement the GR received from the state, but those amounts are not included in the requested years.

Additional information for this strategy is available in Schedule 9, Non-Formula Support Information.

711 Texas A&M University

GOAL: 3 Provide Non-formula Support
OBJECTIVE: 3 Public Service
STRATEGY: 1 Colonias Program

Service Categories:

Service: 19 Income: A.1 Age: B.3

CODE	DESCRIPTION	Exp 2021	Est 2022	Bud 2023	BL 2024	BL 2025
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EXPLANATION OF BIENNIAL CHANGE (includes Rider amounts):

<u>STRATEGY BIENNIAL TOTAL - ALL FUNDS</u>		<u>BIENNIAL CHANGE</u>	<u>EXPLANATION OF BIENNIAL CHANGE</u>	
<u>Base Spending (Est 2022 + Bud 2023)</u>	<u>Baseline Request (BL 2024 + BL 2025)</u>		<u>\$ Amount</u>	<u>Explanation(s) of Amount (must specify MOFs and FTEs)</u>
\$1,387,290	\$676,966	\$(710,324)	\$(710,324)	The decrease in MOF 1 is due to expenditures for this program exceeding the appropriation.
			<u>\$(710,324)</u>	Total of Explanation of Biennial Change

711 Texas A&M University

GOAL: 3 Provide Non-formula Support
OBJECTIVE: 4 INSTITUTIONAL SUPPORT
STRATEGY: 1 Institutional Enhancement

Service Categories:

Service: 19 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2021	Est 2022	Bud 2023	BL 2024	BL 2025
Objects of Expense:						
1001	SALARIES AND WAGES	\$3,755,620	\$3,731,949	\$3,731,949	\$3,731,949	\$3,731,949
1005	FACULTY SALARIES	\$20,295,297	\$20,417,166	\$20,417,166	\$20,417,166	\$20,417,166
2009	OTHER OPERATING EXPENSE	\$3,449,083	\$1,975,885	\$1,975,885	\$1,975,885	\$1,975,885
3001	CLIENT SERVICES	\$71,528	\$262,000	\$216,278	\$165,000	\$165,000
TOTAL, OBJECT OF EXPENSE		\$27,571,528	\$26,387,000	\$26,341,278	\$26,290,000	\$26,290,000
Method of Financing:						
1	General Revenue Fund	\$27,500,000	\$26,125,000	\$26,125,000	\$26,125,000	\$26,125,000
SUBTOTAL, MOF (GENERAL REVENUE FUNDS)		\$27,500,000	\$26,125,000	\$26,125,000	\$26,125,000	\$26,125,000
Method of Financing:						
802	Lic Plate Trust Fund No. 0802, est	\$71,528	\$262,000	\$216,278	\$165,000	\$165,000
SUBTOTAL, MOF (OTHER FUNDS)		\$71,528	\$262,000	\$216,278	\$165,000	\$165,000

711 Texas A&M University

GOAL: 3 Provide Non-formula Support
OBJECTIVE: 4 INSTITUTIONAL SUPPORT
STRATEGY: 1 Institutional Enhancement

Service Categories:

Service: 19 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2021	Est 2022	Bud 2023	BL 2024	BL 2025
TOTAL, METHOD OF FINANCE (INCLUDING RIDERS)					\$26,290,000	\$26,290,000
TOTAL, METHOD OF FINANCE (EXCLUDING RIDERS)		\$27,571,528	\$26,387,000	\$26,341,278	\$26,290,000	\$26,290,000
FULL TIME EQUIVALENT POSITIONS:		219.7	187.5	187.5	187.5	187.5

STRATEGY DESCRIPTION AND JUSTIFICATION:

Texas A&M University has added 19,500 students since 2007-08, including more than 2,300 since receiving these funds. The Institutional Enhancement is used to support the success of these students. Specifically, Institutional Enhancement is used to invest in:

- Student Success Initiative to improve graduation and retention rates, and reduce and eliminate disparities for first generation and underrepresented students
- Enhancements to graduate programs
- Development of key focus areas in data science/artificial intelligence, biology and nutrition, technology commercialization, early childhood education, an undergraduate neuroscience degree and expanded diversity support
- Academic innovation for instructional design and enhanced online learning, and teaching innovation grants that target areas such as interdisciplinary programs, active learning, teaching in large classes and distance education
- Targeted faculty hires in colleges/programs impacted by student growth

EXTERNAL/INTERNAL FACTORS IMPACTING STRATEGY:

Additional information for this strategy is available in Schedule 9, Non-Formula Support Information.

711 Texas A&M University

GOAL: 3 Provide Non-formula Support
OBJECTIVE: 4 INSTITUTIONAL SUPPORT
STRATEGY: 1 Institutional Enhancement

Service Categories:

Service: 19 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2021	Est 2022	Bud 2023	BL 2024	BL 2025
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EXPLANATION OF BIENNIAL CHANGE (includes Rider amounts):

<u>STRATEGY BIENNIAL TOTAL - ALL FUNDS</u>		<u>BIENNIAL CHANGE</u>	<u>EXPLANATION OF BIENNIAL CHANGE</u>	
<u>Base Spending (Est 2022 + Bud 2023)</u>	<u>Baseline Request (BL 2024 + BL 2025)</u>		<u>\$ Amount</u>	<u>Explanation(s) of Amount (must specify MOFs and FTEs)</u>
\$52,728,278	\$52,580,000	\$(148,278)	\$(148,278)	The decrease in MOF 802 is due to the variance between expenditures and appropriations.
			<u>\$(148,278)</u>	Total of Explanation of Biennial Change

711 Texas A&M University

GOAL: 6 Research Funds
OBJECTIVE: 4 Texas Research University Fund
STRATEGY: 1 Texas Research University Fund

Service Categories:

Service: 21 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2021	Est 2022	Bud 2023	BL 2024	BL 2025
Objects of Expense:						
1005	FACULTY SALARIES	\$41,325,026	\$40,322,475	\$40,322,475	\$0	\$0
TOTAL, OBJECT OF EXPENSE		\$41,325,026	\$40,322,475	\$40,322,475	\$0	\$0
Method of Financing:						
1	General Revenue Fund	\$41,325,026	\$40,322,475	\$40,322,475	\$0	\$0
SUBTOTAL, MOF (GENERAL REVENUE FUNDS)		\$41,325,026	\$40,322,475	\$40,322,475	\$0	\$0
TOTAL, METHOD OF FINANCE (INCLUDING RIDERS)					\$0	\$0
TOTAL, METHOD OF FINANCE (EXCLUDING RIDERS)		\$41,325,026	\$40,322,475	\$40,322,475	\$0	\$0
FULL TIME EQUIVALENT POSITIONS:		324.5	276.5	276.5	276.5	276.5

STRATEGY DESCRIPTION AND JUSTIFICATION:

The Texas Research University Fund provides funding to The University of Texas at Austin and Texas A&M University to support faculty to ensure excellence in instruction and research.

A legislatively determined amount of funding is allocated based on each institution's average total research expenditures for the previous three-year period as reported to the Higher Education Coordinating Board.

711 Texas A&M University

GOAL: 6 Research Funds
OBJECTIVE: 4 Texas Research University Fund
STRATEGY: 1 Texas Research University Fund

Service Categories:
Service: 21 Income: A.2 Age: B.3

CODE	DESCRIPTION	Exp 2021	Est 2022	Bud 2023	BL 2024	BL 2025
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EXTERNAL/INTERNAL FACTORS IMPACTING STRATEGY:

EXPLANATION OF BIENNIAL CHANGE (includes Rider amounts):

<u>STRATEGY BIENNIAL TOTAL - ALL FUNDS</u>		<u>BIENNIAL CHANGE</u>	<u>EXPLANATION OF BIENNIAL CHANGE</u>	
<u>Base Spending (Est 2022 + Bud 2023)</u>	<u>Baseline Request (BL 2024 + BL 2025)</u>		<u>\$ Amount</u>	<u>Explanation(s) of Amount (must specify MOFs and FTEs)</u>
\$80,644,950	\$0	\$(80,644,950)	\$(80,644,950)	Formula funded strategies are not requested in 2024-2025 because amounts are not determined by institutions. MOF 1 is shown as decreasing because of this.
			<u>\$(80,644,950)</u>	Total of Explanation of Biennial Change

SUMMARY TOTALS:

OBJECTS OF EXPENSE:	\$454,549,636	\$489,156,443	\$500,598,970	\$107,136,700	\$107,577,062
METHODS OF FINANCE (INCLUDING RIDERS):				\$107,136,700	\$107,577,062
METHODS OF FINANCE (EXCLUDING RIDERS):	\$454,549,636	\$489,156,443	\$500,598,970	\$107,136,700	\$107,577,062
FULL TIME EQUIVALENT POSITIONS:	4,792.9	4,940.9	4,990.9	5,090.9	5,190.9

4.A. Exceptional Item Request Schedule
88th Regular Session, Agency Submission, Version 1
Automated Budget and Evaluation System of Texas (ABEST)

DATE: 10/17/2022
TIME: 11:59:17AM

Agency code: 711 Agency name: Texas A&M University

CODE	DESCRIPTION	Excp 2024	Excp 2025
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Item Name: MetaFort Virtual Production Institute
Item Priority: 1
IT Component: Yes
Anticipated Out-year Costs: Yes
Involve Contracts > \$50,000: Yes
Includes Funding for the Following Strategy or Strategies: 03-05-01 Exceptional Item Request

OBJECTS OF EXPENSE:

1001	SALARIES AND WAGES	1,718,000	1,863,000
1002	OTHER PERSONNEL COSTS	252,000	529,000
1005	FACULTY SALARIES	833,000	1,721,000
1010	PROFESSIONAL SALARIES	1,097,000	1,800,000
2001	PROFESSIONAL FEES AND SERVICES	1,653,000	1,459,000
2004	UTILITIES	522,000	537,660
2005	TRAVEL	542,000	542,000
2006	RENT - BUILDING	2,419,000	2,492,000
2009	OTHER OPERATING EXPENSE	15,964,000	14,056,340
TOTAL, OBJECT OF EXPENSE		\$25,000,000	\$25,000,000

METHOD OF FINANCING:

1	General Revenue Fund	25,000,000	25,000,000
TOTAL, METHOD OF FINANCING		\$25,000,000	\$25,000,000

FULL-TIME EQUIVALENT POSITIONS (FTE):

		37.00	60.50
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DESCRIPTION / JUSTIFICATION:

Texas A&M MetaFort Virtual Production Institute will support an ecosystem designed for teaching and learning, as well as research. It will focus on developing emerging applications and skilled workforce needed for the use of virtual reality (immersion), augmented reality (hybrid of real-world and virtual objects), sensors, projectors, and computing across multiple sectors of the state's economy. MetaFort is a technology-first approach that fuses together the study and application of computer science, human-computer interaction, the visual arts and performing arts and media arts-all of which are impacted by virtual environments, experiences, and virtual products.

Funding for establishing the Texas A&M MetaFort Virtual Production Institute will support state-of-the art instrumentation required for a learning laboratory, designed as a motion capture and sound design stage for classes to support 200 students (undergraduate and graduate levels) taught by 20 fulltime faculty and staff. This new area of academic discipline has been identified as a need for the state of Texas because of recently adopted private-sector indicators across multiple key industry sectors – such as healthcare, military, manufacturing, aerospace and entertainment – that rely on technical expertise in virtual production content and technologies as well as facilities. It is driven by the convergence across industries of use cases, including: (1) training and simulation for work in high-intensity and/or specialized environments; (2) design and testing of manufacturing and construction scenarios; (3) extending commercial and social platforms, as well as entertainment or live events, into virtual environments.

Agency code: **711** Agency name: **Texas A&M University**

CODE	DESCRIPTION	Excp 2024	Excp 2025
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EXTERNAL/INTERNAL FACTORS:

Major accomplishments to date and expected over the next two years: Texas A&M University's Visualization programs have made significant contributions to state-of-the-art computer graphics since the early 1990s. Many of the most memorable and profitable visual effects, animated films and video games have been created with Aggies leading the teams of technical artists and technical directors.

The students, faculty, staff, projects, and research partners expect to initiate the following activities:

- An extension of the BS-Visualization program at Texas A&M University's main campus, in which students complete the second half of the junior year and full senior year in residence at MetaFort.
- Continuing education technology-centered programs for K-12 teachers and summer camps for K-12 students.
- An extension of the MS in Visualization program, focused on transforming the skills and knowledge of working professionals.
- Continuing education and certification programs for professionals, and special focused programs in partnership with industry.
- Hosting 2-3 live events that include real-time streaming of augmented elements.

Year established and funding source prior to receiving non-formula support funding: n/a

Formula funding: none

Non-general revenue sources of funding: The MetaFort Virtual Production Institute will pursue external federal funding from the National Science Foundation, U.S. Department of Defense, and the U.S. Department of Education. Additional funding is expected through private foundations.

Consequences of not funding: If the Legislature does not fund this request, Texas will fail to meet the need for these high-demand jobs. Without this critical funding, Texas' economic growth in this industry will be compromised, and the state will fail to capture a leadership position in this emerging high-tech industry sector due to competition from investments made in other states, such as California and New York.

PCLS TRACKING KEY:

N/A

DESCRIPTION OF IT COMPONENT INCLUDED IN EXCEPTIONAL ITEM:

The Texas A&M Metafort Virtual Production Institute at Fort Worth will require the extensive use of technology. The IT Technology platform will consist of significant networking (wireless and wired), significant compute (on premise and cloud), state of the art storage supporting massive data, video and audio requirements and world class video production systems. Additionally, the technology platform will have to support state-of-the-art classrooms and both virtual and physical labs. The technology components will provide for student active learning pedagogy instruction utilizing multiple touch screen delivery devices as well as extensive use of AR/VR in class technology.

The institute will support significant research programs ranging in focus from artificial intelligence, virtual reality, augmented reality, IoT sensors, autonomous control systems utilizing 5G technology, video game creation, digital motion picture creation and state of the art, performance video and audio creation. These areas of research will

4.A. Exceptional Item Request Schedule
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Agency code: **711** Agency name: **Texas A&M University**

CODE	DESCRIPTION	Excp 2024	Excp 2025
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require extensive computational arrays and massive storage platforms.

Applied technology government and industry partnerships are a critical part of the potential of the MetaFort environment. Most of the technology platforms utilized within the Research and Academic environments will benefit from the cutting-edge ability to test pre-production and beta systems from leading technology partners and to provide a training ground for industry partners that need to develop best practices and technical expertise on platforms prior to deployment in their companies.

Startup costs:

\$675K - Classrooms

\$1.0M - Research

\$750K - Applied Technology

\$3.5M – Virtual Production Stage

Recurring costs:

\$500K – Storage

\$200K – Cloud Computing

\$121K – Classroom Maintenance

\$180K – Research Maintenance

\$135K – Applied Technology Maintenance

\$550K – IT Salaries

These recurring costs will continue in the out years as ongoing program costs.

If approved, these technology costs will be funded by general revenue.

IS THIS IT COMPONENT RELATED TO A NEW OR CURRENT PROJECT?

NEW

STATUS:

N/A

OUTCOMES:

Having a platform spanning academic, research and applied technology within Texas will provide a significant boost to the ability of the state to meet goals in attracting industry, by creating the workers of the future that they need and by creating an environment where they can participate in the evaluation, creation and development of key technologies that are needed in all areas of both private and governmental operations.

OUTPUTS:

This technology allows the students and faculty within the MetaFort Virtual Production Institute to achieve their goals of developing emerging applications and a skilled workforce that will benefit the state of Texas.

4.A. Exceptional Item Request Schedule
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CODE	DESCRIPTION	Excp 2024	Excp 2025
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TYPE OF PROJECT

Daily Operations

ALTERNATIVE ANALYSIS

If the IT component is not funded, the Texas A&M MetaFort Virtual Production Institute will not be able to exist because it requires the extensive use of technology.

ESTIMATED IT COST

2022	2023	2024	2025	2026	2027	2028	Total Over Life of Project
\$0	\$0	\$7,611,000	\$1,686,000	\$1,686,000	\$1,686,000	\$1,686,000	\$14,335,000

SCALABILITY

2022	2023	2024	2025	2026	2027	2028	Total Over Life of Project
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

FTE

2022	2023	2024	2025	2026	2027	2028
0.0	0.0	6.0	6.0	6.0	6.0	6.0

DESCRIPTION OF ANTICIPATED OUT-YEAR COSTS :

Funding needed for ongoing costs related to the Institute

ESTIMATED ANTICIPATED OUT-YEAR COSTS FOR ITEM:

2026	2027	2028
\$20,000,000	\$20,000,000	\$15,000,000

APPROXIMATE PERCENTAGE OF EXCEPTIONAL ITEM : 6.00%

CONTRACT DESCRIPTION :

Virtual production consultants, architectural services, software licenses and hardware rental

Agency code: 711		Agency name: Texas A&M University	
Code	Description	Excp 2024	Excp 2025
Item Name: MetaFort Virtual Production Institute			
Allocation to Strategy: 3-5-1 Exceptional Item Request			
OBJECTS OF EXPENSE:			
1001	SALARIES AND WAGES	1,718,000	1,863,000
1002	OTHER PERSONNEL COSTS	252,000	529,000
1005	FACULTY SALARIES	833,000	1,721,000
1010	PROFESSIONAL SALARIES	1,097,000	1,800,000
2001	PROFESSIONAL FEES AND SERVICES	1,653,000	1,459,000
2004	UTILITIES	522,000	537,660
2005	TRAVEL	542,000	542,000
2006	RENT - BUILDING	2,419,000	2,492,000
2009	OTHER OPERATING EXPENSE	15,964,000	14,056,340
TOTAL, OBJECT OF EXPENSE		\$25,000,000	\$25,000,000
METHOD OF FINANCING:			
1 General Revenue Fund		25,000,000	25,000,000
TOTAL, METHOD OF FINANCING		\$25,000,000	\$25,000,000
FULL-TIME EQUIVALENT POSITIONS (FTE):		37.0	60.5

4.C. Exceptional Items Strategy Request
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Agency Code: **711** Agency name: **Texas A&M University**

GOAL: 3 Provide Non-formula Support

OBJECTIVE: 5 Exceptional Item Request

STRATEGY: 1 Exceptional Item Request

Service Categories:

Service: 19 Income: A.2 Age: B.3

CODE	DESCRIPTION	Excp 2024	Excp 2025
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OBJECTS OF EXPENSE:

1001	SALARIES AND WAGES	1,718,000	1,863,000
1002	OTHER PERSONNEL COSTS	252,000	529,000
1005	FACULTY SALARIES	833,000	1,721,000
1010	PROFESSIONAL SALARIES	1,097,000	1,800,000
2001	PROFESSIONAL FEES AND SERVICES	1,653,000	1,459,000
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2005	TRAVEL	542,000	542,000
2006	RENT - BUILDING	2,419,000	2,492,000
2009	OTHER OPERATING EXPENSE	15,964,000	14,056,340
Total, Objects of Expense		\$25,000,000	\$25,000,000

METHOD OF FINANCING:

1	General Revenue Fund	25,000,000	25,000,000
Total, Method of Finance		\$25,000,000	\$25,000,000

FULL-TIME EQUIVALENT POSITIONS (FTE):

37.0	60.5
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EXCEPTIONAL ITEM(S) INCLUDED IN STRATEGY:

MetaFort Virtual Production Institute

6.A. Historically Underutilized Business Supporting Schedule
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COMPARISON TO STATEWIDE HUB PROCUREMENT GOALS

A. Fiscal Year - HUB Expenditure Information

Statewide HUB Goals	Procurement Category	% Goal	HUB Expenditures FY 2020			Total Expenditures		HUB Expenditures FY 2021			Total Expenditures	
			% Actual	Diff	Actual \$	FY 2020	% Goal	% Actual	Diff	Actual \$	FY 2021	
11.2%	Heavy Construction	5.0 %	0.0%	-5.0%	\$0	\$0	5.0 %	0.0%	-5.0%	\$0	\$0	
21.1%	Building Construction	22.0 %	41.2%	19.2%	\$26,021,764	\$63,091,049	22.5 %	45.0%	22.5%	\$19,066,938	\$42,407,318	
32.9%	Special Trade	22.3 %	17.5%	-4.8%	\$22,842,435	\$130,219,854	22.0 %	12.7%	-9.3%	\$15,144,787	\$119,159,173	
23.7%	Professional Services	23.7 %	10.4%	-13.3%	\$96,005	\$921,005	23.7 %	5.0%	-18.7%	\$93,830	\$1,872,609	
26.0%	Other Services	15.0 %	12.6%	-2.4%	\$13,987,828	\$110,680,668	14.5 %	9.9%	-4.6%	\$11,925,103	\$120,652,441	
21.1%	Commodities	25.0 %	22.1%	-2.9%	\$33,170,173	\$150,052,229	25.0 %	23.4%	-1.6%	\$33,691,717	\$144,063,410	
	Total Expenditures		21.1%		\$96,118,205	\$454,964,805		18.7%		\$79,922,375	\$428,154,951	

B. Assessment of Attainment of HUB Procurement Goals

Attainment:

Agency 711 exceeded Statewide Building Construction and Commodity goals in both FY20 and FY21.

Applicability:

Generally, Heavy Construction is not a procurement category applicable to this agency's operations. Limited spending possible with building renovations or parking area construction. All other categories applicable.

Factors Affecting Attainment:

Some impacts noted by limited in-person engagements during COVID-19 pandemic. As a research and teaching university, attainment in some categories impacted by specialized expenditures in research, education and building technologies where a HUB opportunity did not exist.

C. Good-Faith Efforts to Increase HUB Participation

Outreach Efforts and Mentor-Protégé Programs:

- 1) Vendor outreach, education, and training
- 2) Representation at HUB Discussion Workgroup Meetings and Texas Universities HUB Coordinator Meetings
- 3) Sponsored 4 mentor protégé relationships and continued efforts to identify and establish additional relationships in both fiscal years

6.A. Historically Underutilized Business Supporting Schedule
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HUB Program Staffing:

- 1) Dedicated staff at 2 FTE
- 2) Required HUB subcontracting plans for contracts over \$100,000 when subcontracting opportunities are probable
- 3) Use of the CMBL/HUB directories for solicitation of bids
- 4) At the beginning of FY20, attended and hosted Forums for HUB Vendors. Due to the pandemic, opportunities were limited for in-person events such as construction expos, chamber of commerce hosted events and on-campus HUB vendor shows.

Current and Future Good-Faith Efforts:

- 1) Ongoing strong HUB subcontracting by the university's building and maintenance contracts
- 2) In-person events such as construction expos, chamber of commerce hosted events and on-campus HUB vendor shows
- 3) HUB catalogs in the university's central e-commerce marketplace

6.H Estimated Funds Outside the Institution's Bill Pattern

Texas A&M University (711)

Estimated Funds Outside the Institution's Bill Pattern

2022-23 and 2024-25 Biennia

	2022-23 Biennium				2024-25 Biennium			
	FY 2022 Revenue	FY 2023 Revenue	Biennium Total	Percent of Total	FY 2024 Revenue	FY 2025 Revenue	Biennium Total	Percent of Total
APPROPRIATED SOURCES INSIDE THE BILL PATTERN								
State Appropriations (excluding HEGI & State Paid Fringes)	\$ 352,185,149	\$ 357,626,207	\$ 709,811,356		\$ 352,185,149	\$ 357,626,207	\$ 709,811,356	
Tuition and Fees (net of Discounts and Allowances)	96,217,374	97,294,113	193,511,487		99,239,995	101,224,795	200,464,790	
Endowment and Interest Income	2,723,532	2,700,000	5,423,532		2,700,000	2,700,000	5,400,000	
Sales and Services of Educational Activities (net)			-				-	
Sales and Services of Hospitals (net)	24,990,713	24,500,000	49,490,713		24,500,000	24,500,000	49,000,000	
Other Income	4,818	4,000	8,818		4,000	4,000	8,000	
Total	476,121,586	482,124,320	958,245,906	20.6%	478,629,144	486,055,002	964,684,146	20.9%
APPROPRIATED SOURCES OUTSIDE THE BILL PATTERN								
State Appropriations (HEGI & State Paid Fringes)	\$ 79,606,050	\$ 81,606,050	\$ 161,212,100		\$ 81,606,050	\$ 81,606,050	\$ 163,212,100	
Higher Education Assistance Funds	-	-	-		-	-	-	
Available University Fund	135,978,000	144,849,000	280,827,000		140,000,000	140,000,000	280,000,000	
State Grants and Contracts	35,033,918	35,000,000	70,033,918		35,000,000	35,000,000	70,000,000	
Hazlewood	3,119,522	3,119,522	6,239,044		3,100,000	3,100,000	6,200,000	
Total	253,737,490	264,574,572	518,312,062	11.1%	259,706,050	259,706,050	519,412,100	11.3%
NON-APPROPRIATED SOURCES								
Tuition and Fees (net of Discounts and Allowances)	\$ 588,202,756	\$ 609,406,555	\$ 1,197,609,311		\$ 615,500,621	\$ 621,655,627	\$ 1,237,156,247	
Federal Appropriations	88,561,152	-	88,561,152				-	
Federal Grants and Contracts	230,437,436	218,681,931	449,119,367		220,000,000	220,000,000	440,000,000	
State Grants and Contracts	7,318,400	6,945,060	14,263,460		7,000,000	7,000,000	14,000,000	
Local Government Grants and Contracts	109,776,449	104,176,328	213,952,777		105,000,000	105,000,000	210,000,000	
Private Gifts and Grants	86,261,402	114,855,132	201,116,534		100,000,000	100,000,000	200,000,000	
Endowment and Interest Income	57,012,254	80,301,089	137,313,343		80,000,000	80,000,000	160,000,000	
Sales and Services of Educational Activities (net)	85,965,908	91,138,273	177,104,181		88,492,000	88,492,000	176,984,000	
Sales and Services of Hospitals (net)	-	-	-					
Professional Fees (net)	-	-	-					
Auxiliary Enterprises (net)	347,028,987	316,258,131	663,287,118		325,000,000	325,000,000	650,000,000	
Other Income	21,450,946	18,928,766	40,379,712		19,000,000	19,000,000	38,000,000	
Total	1,622,015,690	1,560,691,265	3,182,706,955	68.3%	1,559,992,621	1,566,147,627	3,126,140,247	67.8%
TOTAL SOURCES	\$ 2,351,874,765	\$ 2,307,390,157	\$ 4,659,264,922	100.0%	\$ 2,298,327,815	\$ 2,311,908,679	\$ 4,610,236,494	100.0%

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	Act 2021	Act 2022	Bud 2023	Est 2024	Est 2025
Gross Tuition					
Gross Resident Tuition	87,491,120	86,098,801	86,529,295	87,740,705	88,969,075
Gross Non-Resident Tuition	87,250,133	91,655,562	93,946,951	94,886,421	95,835,285
Gross Tuition	174,741,253	177,754,363	180,476,246	182,627,126	184,804,360
Less: Resident Waivers and Exemptions (excludes Hazlewood)	(1,511,916)	(1,268,856)	(1,275,200)	(1,294,346)	(1,313,779)
Less: Non-Resident Waivers and Exemptions	(50,221,734)	(53,725,533)	(55,068,671)	(55,674,977)	(56,287,959)
Less: Hazlewood Exemptions	(3,379,657)	(3,250,329)	(3,266,581)	(3,312,313)	(3,358,685)
Less: Board Authorized Tuition Increases (TX. Educ. Code Ann. Sec. 54.008)	(10,247,214)	(10,692,578)	(10,906,430)	(10,960,962)	(11,015,767)
Less: Tuition increases charged to doctoral students with hours in excess of 100 (TX. Educ. Code Ann. Sec. 54.012)	(413,573)	(411,262)	(412,000)	(412,000)	(412,000)
Less: Tuition increases charged to undergraduate students with excessive hours above degree requirements. (TX. Educ. Code Ann. Sec. 61.0595)	0	0	0	0	0
Less: Tuition rebates for certain undergraduates (TX. Educ. Code Ann. Sec. 54.0065)	(1,873,000)	(1,935,000)	(1,900,000)	(1,900,000)	(1,900,000)
Plus: Tuition waived for Students 55 Years or Older (TX. Educ. Code Ann. Sec. 54.013)	0	0	0	0	0
Less: Tuition for repeated or excessive hours (TX. Educ. Code Ann. Sec. 54.014)	(2,744,540)	(2,673,058)	(2,600,000)	(2,600,000)	(2,600,000)
Plus: Tuition waived for Texas Grant Recipients (TX. Educ. Code Ann. Sec. 56.307)	0	0	0	0	0
Subtotal	104,349,619	103,797,747	105,047,364	106,472,528	107,916,170
Less: Transfer of funds for Texas Public Education Grants Program (Tex. Educ. Code Ann. Sec. 56c) and for Emergency Loans (Tex. Educ. Code Ann. Sec. 56d)	(12,247,671)	(13,557,379)	(12,384,138)	(12,532,747)	(12,683,140)
Less: Transfer of Funds (2%) for Physician/Dental Loans (Medical Schools)	0	0	0	0	0
Less: Statutory Tuition (Tx. Educ. Code Ann. Sec. 54.051) Set Aside for Doctoral Incentive Loan Repayment Program (Tx. Educ. Code Ann. Sec. 56.095)	0	0	0	0	0
Less: Other Authorized Deduction					
Net Tuition	92,101,948	90,240,368	92,663,226	93,939,781	95,233,030
Student Teaching Fees	0	0	0	0	0

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Special Course Fees	0	0	0	0	0
Laboratory Fees	70,794	72,773	73,000	73,000	73,000
Subtotal, Tuition and Fees (Formula Amounts for Health-Related Institutions)	92,172,742	90,313,141	92,736,226	94,012,781	95,306,030
OTHER INCOME					
Interest on General Funds:					
Local Funds in State Treasury	2,783,244	2,781,127	2,700,000	2,700,000	2,700,000
Funds in Local Depositories, e.g., local amounts	0	0	0	0	0
Other Income (Itemize)					
Misc	51	3,721	3,000	3,000	3,000
Federal Land Grant Endowment	1,774	2,394	1,000	1,000	1,000
Subtotal, Other Income	2,785,069	2,787,242	2,704,000	2,704,000	2,704,000
Subtotal, Other Educational and General Income	94,957,811	93,100,383	95,440,226	96,716,781	98,010,030
Less: O.A.S.I. Applicable to Educational and General Local Funds Payrolls	(6,770,077)	(6,278,302)	(6,403,868)	(6,531,945)	(6,662,584)
Less: Teachers Retirement System and ORP Proportionality for Educational and General Funds	(6,798,944)	(6,553,344)	(6,796,818)	(7,047,409)	(7,188,357)
Less: Staff Group Insurance Premiums	(21,516,575)	(24,188,487)	(28,058,645)	(28,339,231)	(28,622,623)
Total, Other Educational and General Income (Formula Amounts for General Academic Institutions)	59,872,215	56,080,250	54,180,895	54,798,196	55,536,466
Reconciliation to Summary of Request for FY 2019-2021:					
Plus: Transfer of Funds for Texas Public Education Grants Program and Physician Loans	12,247,671	13,557,379	12,384,138	12,532,747	12,683,140
Plus: Transfer of Funds 2% for Physician/Dental Loans (Medical Schools)	0	0	0	0	0
Plus: Transfer of Funds for Cancellation of Student Loans of Physicians	0	0	0	0	0
Plus: Organized Activities	24,016,297	24,671,732	24,500,000	24,500,000	24,500,000
Plus: Staff Group Insurance Premiums	21,516,575	24,188,487	28,058,645	28,339,231	28,622,623
Plus: Board-authorized Tuition Income	10,247,214	10,692,578	10,906,430	10,960,962	11,015,767
Plus: Tuition Increases Charged to Doctoral Students with Hours in Excess of 100	413,573	411,262	412,000	412,000	412,000

Schedule 1A: Other Educational and General Income

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Plus: Tuition Increases Charged to Undergraduate Students with Excessive Hours above Degree Requirements (TX. Educ. Code Ann. Sec. 61.0595)	0	0	0	0	0
Plus: Tuition rebates for certain undergraduates (TX Educ.Code Ann. Sec. 54.0065)	1,873,000	1,935,000	1,900,000	1,900,000	1,900,000
Plus: Tuition for repeated or excessive hours (TX. Educ. Code Ann. Sec. 54.014)	2,744,540	2,673,058	2,600,000	2,600,000	2,600,000
Less: Tuition Waived for Students 55 Years or Older	0	0	0	0	0
Less: Tuition Waived for Texas Grant Recipients	0	0	0	0	0
Total, Other Educational and General Income Reported on Summary of Request	132,931,085	134,209,746	134,942,108	136,043,136	137,269,996

Schedule 2: Selected Educational, General and Other Funds

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	Act 2021	Act 2022	Bud 2023	Est 2024	Est 2025
General Revenue Transfers					
Transfer from Coordinating Board for Texas College Work Study Program (2021, 2022, 2023)	180,949	211,691	211,691	0	0
Transfer from Coordinating Board for Professional Nursing Shortage Reduction Program	0	0	0	0	0
Transfer of GR Group Insurance Premium from Comptroller (UT and TAMU Components only)	39,452,356	39,120,413	39,120,413	0	0
Less: Transfer to Other Institutions	0	0	0	0	0
Less: Transfer to Department of Health, Disproportionate Share - State-Owned Hospitals (2021, 2022, 2023)	0	0	0	0	0
Other (Itemize)					
Hazlewood HB1025	1,456,082	1,889,231	1,800,000	0	0
THECB Contracts and Grants	1,566,833	2,180,045	1,900,000	0	0
Other: Fifth Year Accounting Scholarship	43,222	55,057	50,000	0	0
Texas Grants	29,708,081	35,918,339	35,000,000	0	0
B-on-Time Program	0	0	0	0	0
Texas Research Incentive Program	0	0	0	0	0
Less: Transfer to System Administration	0	0	0	0	0
GME Expansion	0	0	0	0	0
Subtotal, General Revenue Transfers	72,407,523	79,374,776	78,082,104	0	0
General Revenue HEF	0	0	0	0	0
Transfer from Available University Funds (UT, A&M and Prairie View A&M Only)	64,695,488	64,695,488	64,695,488	0	0
Other Additions (Itemize)					
Increase Capital Projects - Educational and General Funds	0	0	0	0	0
Transfer from Department of Health, Disproportionate Share - State-owned Hospitals (2021, 2022, 2023)	0	0	0	0	0
Transfers from Other Funds, e.g., Designated funds transferred for educational and general activities (Itemize)	0	0	0	0	0
Other (Itemize)					
Transfers from Sago for Interest	23,007	24,584	24,000	0	0
Hazlewood Permanent Fund Support	956,838	1,230,291	1,100,000	0	0

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Gross Designated Tuition (Sec. 54.0513)	470,438,064	509,175,775	514,267,533	519,410,208	524,604,310
Indirect Cost Recovery (Sec. 145.001(d))	31,224,565	35,287,449	35,000,000	35,000,000	35,000,000
Correctional Managed Care Contracts	0	0	0	0	0

Schedule 3B: Staff Group Insurance Data Elements (UT/A&M)

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	E&G Enrollment	GR Enrollment	GR-D/OEGI Enrollment	Total E&G (Check)	Local Non-E&G
GR & GR-D Percentages					
GR %	77.54%				
GR-D/Other %	22.46%				
Total Percentage	100.00%				
FULL TIME ACTIVES					
1a Employee Only	1,935	1,500	435	1,935	2,252
2a Employee and Children	680	527	153	680	554
3a Employee and Spouse	490	380	110	490	447
4a Employee and Family	837	649	188	837	791
5a Eligible, Opt Out	111	86	25	111	216
6a Eligible, Not Enrolled	96	74	22	96	242
Total for This Section	4,149	3,216	933	4,149	4,502
PART TIME ACTIVES					
1b Employee Only	399	309	90	399	1,882
2b Employee and Children	6	5	1	6	24
3b Employee and Spouse	37	29	8	37	105
4b Employee and Family	12	9	3	12	39
5b Eligible, Opt Out	16	12	4	16	53
6b Eligible, Not Enrolled	120	93	27	120	573
Total for This Section	590	457	133	590	2,676
Total Active Enrollment	4,739	3,673	1,066	4,739	7,178

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	E&G Enrollment	GR Enrollment	GR-D/OEGI Enrollment	Total E&G (Check)	Local Non-E&G
FULL TIME RETIREES by ERS					
1c Employee Only	1,596	1,238	358	1,596	856
2c Employee and Children	42	33	9	42	22
3c Employee and Spouse	708	549	159	708	380
4c Employee and Family	49	38	11	49	27
5c Eligible, Opt Out	53	41	12	53	28
6c Eligible, Not Enrolled	0	0	0	0	0
Total for This Section	2,448	1,899	549	2,448	1,313
PART TIME RETIREES by ERS					
1d Employee Only	0	0	0	0	0
2d Employee and Children	0	0	0	0	0
3d Employee and Spouse	0	0	0	0	0
4d Employee and Family	0	0	0	0	0
5d Eligible, Opt Out	0	0	0	0	0
6d Eligible, Not Enrolled	0	0	0	0	0
Total for This Section	0	0	0	0	0
Total Retirees Enrollment	2,448	1,899	549	2,448	1,313
TOTAL FULL TIME ENROLLMENT					
1e Employee Only	3,531	2,738	793	3,531	3,108
2e Employee and Children	722	560	162	722	576
3e Employee and Spouse	1,198	929	269	1,198	827
4e Employee and Family	886	687	199	886	818
5e Eligible, Opt Out	164	127	37	164	244
6e Eligible, Not Enrolled	96	74	22	96	242
Total for This Section	6,597	5,115	1,482	6,597	5,815

Schedule 3B: Staff Group Insurance Data Elements (UT/A&M)

10/17/2022 11:59:18AM

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Automated Budget and Evaluation System of Texas (ABEST)

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	E&G Enrollment	GR Enrollment	GR-D/OEGI Enrollment	Total E&G (Check)	Local Non-E&G
TOTAL ENROLLMENT					
1f Employee Only	3,930	3,047	883	3,930	4,990
2f Employee and Children	728	565	163	728	600
3f Employee and Spouse	1,235	958	277	1,235	932
4f Employee and Family	898	696	202	898	857
5f Eligible, Opt Out	180	139	41	180	297
6f Eligible, Not Enrolled	216	167	49	216	815
Total for This Section	7,187	5,572	1,615	7,187	8,491

Schedule 4: Computation of OASI
88th Regular Session, Agency Submission, Version 1
Automated Budget and Evaluation System of Texas (ABEST)

Agency 711 Texas A&M University

Proportionality Percentage Based on Comptroller Accounting Policy Statement #011, Exhibit 2	2021		2022		2023		2024		2025	
	<u>% to Total</u>	<u>Allocation of OASI</u>	<u>% to Total</u>	<u>Allocation of OASI</u>	<u>% to Total</u>	<u>Allocation of OASI</u>	<u>% to Total</u>	<u>Allocation of OASI</u>	<u>% to Total</u>	<u>Allocation of OASI</u>
General Revenue (% to Total)	75.4645	\$20,822,910	77.5381	\$21,672,592	77.5381	\$22,106,044	77.5381	\$22,548,165	77.5381	\$22,999,128
Other Educational and General Funds (% to Total)	24.5355	\$6,770,077	22.4619	\$6,278,302	22.4619	\$6,403,868	22.4619	\$6,531,945	22.4619	\$6,662,584
Health-Related Institutions Patient Income (% to Total)	0.0000	\$0	0.0000	\$0	0.0000	\$0	0.0000	\$0	0.0000	\$0
Grand Total, OASI (100%)	100.0000	\$27,592,987	100.0000	\$27,950,894	100.0000	\$28,509,912	100.0000	\$29,080,110	100.0000	\$29,661,712

Schedule 5: Calculation of Retirement Proportionality and ORP Differential

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Description	Act 2021	Act 2022	Bud 2023	Est 2024	Est 2025
Proportionality Amounts					
Gross Educational and General Payroll - Subject To TRS Retirement	194,782,594	196,248,533	200,173,504	204,176,974	208,260,513
Employer Contribution to TRS Retirement Programs	14,608,695	15,209,261	16,013,880	16,844,600	17,181,492
Gross Educational and General Payroll - Subject To ORP Retirement	198,514,329	211,607,818	215,839,975	220,156,774	224,559,910
Employer Contribution to ORP Retirement Programs	13,101,946	13,966,116	14,245,438	14,530,347	14,820,954
Proportionality Percentage					
General Revenue	75.4645 %	77.5381 %	77.5381 %	77.5381 %	77.5381 %
Other Educational and General Income	24.5355 %	22.4619 %	22.4619 %	22.4619 %	22.4619 %
Health-related Institutions Patient Income	0.0000 %	0.0000 %	0.0000 %	0.0000 %	0.0000 %
Proportional Contribution					
Other Educational and General Proportional Contribution (Other E&G percentage x Total Employer Contribution to Retirement Programs)	6,798,944	6,553,344	6,796,818	7,047,409	7,188,357
HRI Patient Income Proportional Contribution (HRI Patient Income percentage x Total Employer Contribution To Retirement Programs)	0	0	0	0	0
Differential					
Differential Percentage	1.9000 %	1.9000 %	1.9000 %	1.9000 %	1.9000 %
Gross Payroll Subject to Differential - Optional Retirement Program	81,150,002	75,118,368	70,000,000	70,000,000	70,000,000
Total Differential	1,541,850	1,427,249	1,330,000	1,330,000	1,330,000

Schedule 6: Constitutional Capital Funding
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Activity	Act 2021	Act 2022	Bud 2023	Est 2024	Est 2025
A. PUF Bond Proceeds Allocation	(869,573)	54,000,000	74,597,111	0	0
Project Allocation					
Library Acquisitions	0	0	0	0	0
Construction, Repairs and Renovations	(869,573)	54,000,000	74,597,111	0	0
Furnishings & Equipment	0	0	0	0	0
Computer Equipment & Infrastructure	0	0	0	0	0
Reserve for Future Consideration	0	0	0	0	0
Other (Itemize)					
B. HEF General Revenue Allocation	0	0	0	0	0
Project Allocation					
Library Acquisitions	0	0	0	0	0
Construction, Repairs and Renovations	0	0	0	0	0
Furnishings & Equipment	0	0	0	0	0
Computer Equipment & Infrastructure	0	0	0	0	0
Reserve for Future Consideration	0	0	0	0	0
HEF for Debt Service	0	0	0	0	0
Other (Itemize)					

Schedule 7: Personnel
88th Regular Session, Agency Submission, Version 1
Automated Budget and Evaluation System of Texas (ABEST)

Date: 10/17/2022
Time: 11:59:19AM

Agency code: **711** Agency name: **Texas A&M University**

	Actual 2021	Actual 2022	Budgeted 2023	Estimated 2024	Estimated 2025
Part A.					
FTE Postions					
Directly Appropriated Funds (Bill Pattern)					
Educational and General Funds Faculty Employees	1,838.2	1,823.6	1,844.7	1,886.8	1,928.9
Educational and General Funds Non-Faculty Employees	2,405.3	2,507.1	2,536.0	2,593.9	2,651.8
Subtotal, Directly Appropriated Funds	4,243.5	4,330.7	4,380.7	4,480.7	4,580.7
Other Appropriated Funds					
AUF	549.4	610.2	610.2	610.2	610.2
Subtotal, Other Appropriated Funds	549.4	610.2	610.2	610.2	610.2
Subtotal, All Appropriated	4,792.9	4,940.9	4,990.9	5,090.9	5,190.9
Non Appropriated Funds Employees	6,656.9	6,689.0	6,814.5	6,814.5	6,814.5
Subtotal, Other Funds & Non-Appropriated	6,656.9	6,689.0	6,814.5	6,814.5	6,814.5
GRAND TOTAL	11,449.8	11,629.9	11,805.4	11,905.4	12,005.4

Schedule 8C: Tuition Revenue Bonds Request by Project

Agency Code: **711**

Agency Name: **Texas A&M University**

Project Name	Authorization Year	Estimated Final Payment Date	Requested Amount 2024		Requested Amount 2025	
Emerging Technologies & Economic Development Interdisciplinary Building	2006	5/15/2029	\$	2,243,781.00	\$	2,251,581.00
Biocontainment Research Facility	2016	5/15/2032	\$	6,021,866.00	\$	6,020,644.00
Clinical Veterinary Teaching and Research Complex	2022	5/15/2043	\$	4,895,722.00	\$	4,895,722.00
			\$		\$	
			13,161,369.00		13,167,947.00	

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Colonias Program

(1) Year Non-Formula Support Item First Funded:	1992
Year Non-Formula Support Item Established:	1991
Original Appropriation:	\$1,000,000

(2) Mission:

The vision of Colonias Program (COLN) at Texas A&M University (TAMU) is to serve some of Texas' most isolated and economically distressed rural communities where most residents live without one or more major infrastructure sources – such as basic access to potable water. COLN seeks to enhance the quality of life for Texas residents that live in these distressed communities, primarily located with counties bordering the United States (and Mexico).

The mission of the COLN seeks to identify livability, resiliency, as well as sustainability challenges in target communities through partnerships with various local organizations (public or private sector) and deliver solutions developed for six critical services: (1) Affordable Housing and Community Facilities; (2) Civil Infrastructure Systems, emphasizing six specific networks - communications, energy, mobility/transportation, sewage, storm water, and water; (3) Economic Development; (4) Education and Workforce Development; (5) Health and Human Services, focusing on the well-being of individuals, families, and communities; and (6) Planning and Design of rural-to-urban environments.

(3) (a) Major Accomplishments to Date:

- Distributed 16 Mobile Clinics and Mobile Units along the Texas/Mexico border.
- Collaborated on a Reduce the Risk Campaign in collaboration with the University of Texas at El Paso (UTEP) to bring COVID-19 vaccine information to rural residents.
- Educated 266 families and 798 family members in El Paso County on the importance of healthy eating through the "More Counts/Mas Cuenta" Project.
- Provided emotional wellness talks aimed at improving mental health and well-being through Project Cares, which has reached 3,257 residents to date.
- Encouraged over 1,500 El Paso County residents to maintain healthy lifestyles through innovative ways.
- As a result of the comprehensive plan completed by the Innovative Readiness Training (IRT) military personnel, Webb County has been able to secure \$375M in grant funding for infrastructure projects in the Colonias.
- Nueces County benefited from \$6.4 million dollars in engineering projects completed through the IRT missions and an additional \$3 million dollars through the IRT medical mission.

(3) (b) Major Accomplishments Expected During the Next 2 Years:

- Maintain mini clinics along the border and replicate the success of current ones to provide medical resources to local residents.
- Continue discussions with the U.S. Department of Housing and Urban Development regarding housing and remodeling projects in Colonias.
- Work with the Environmental Protection Agency to pilot a program for developing criteria for septic systems in Colonias.
- Continue to build on the success of IRT missions with expanded assistance from the Army, Navy, Seabees, Marines, JAG Corps lawyers, and Airforce.
- Apply for additional development grant funding to provide better resources for the residents of the Colonias.

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(4) Funding Source Prior to Receiving Non-Formula Support Funding:

None

(5) Formula Funding:

None

(6) Category:

Public Service

(7) Transitional Funding:

N

(8) Non-General Revenue Sources of Funding:

Funding above legislative allocation (University + External Grants Funding):

- FY 2017: \$ 1,873,280
- FY 2018: \$ 1,914,672
- FY 2019: \$ 1,553,608
- FY 2020: \$ 1,198,214
- FY 2021: \$ 1,794,456

(9) Impact of Not Funding:

Reducing or eliminating funding for Colonias will have a significant negative impact on the residents of the Colonias in Texas by compromising its ability to pay staff to fulfill the needs of the populations in these communities. This, in turn, will result in less time spent working directly with Colonias communities. This non-formula item has been reduced in previous sessions. Any additional reductions in funding will diminish and could eliminate its ability to: (1) identify and establish strategic partnerships and alliances, especially to secure external funding for services provided; (2) support efforts such as the IRT missions with the 5th Army North and the mobile mini facilities; and (3) maintain a presence in its full current geographic area of operations.

(10) Non-Formula Support Needed on Permanent Basis/Discontinuation:

Permanent

(11) Non-Formula Support Associated with Time Frame:

N/A

(12) Benchmarks:

N/A

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(13) Performance Reviews:

The Colonias Program maintains the following performance metrics:

- Certification Courses (2017-2021) - Title: CHW Certification Course-Covering all 8 Core Competencies
Locations: Brownsville, Edcouch, El Paso, Laredo, Progreso [Mexico], San Antonio, and Weslaco
Total Participants: 173
Total Number of CEU's Obtained: 27,680

 - Continuing Education Courses (2017-2021)
Location: Alamo, Alton, Brownsville, Edcouch, Edinburg, El Paso, Harlingen, La Blanca, Laredo, McAllen, Mission, Monte Alto, Peñitas, Pharr, Progreso, San Antonio, San Carlos, San Juan, and Weslaco
Total Participants: 4,346
Total Number of CEUs Obtained: 13,660.5

 - Competencies of all staff, in promoting a culture of: (1) service (2) teamwork and collaboration (3) diversity and respect; (4) initiative, (5) accountability and responsibility.
-

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Cyclotron Institute

(1) Year Non-Formula Support Item First Funded:	1965
Year Non-Formula Support Item Established:	1964
Original Appropriation:	\$186,002

(2) Mission:

The Cyclotron Institute (CI) is a Department of Energy (DOE) Supported Center of Excellence, jointly supported by DOE and the State of Texas. It is a major technical and educational resource for the state and nation. The primary functions of the Institute are to conduct basic research, to educate students in accelerator based science and technology, and to provide accelerator capabilities for a wide variety of applications in materials science, nuclear medicine, space science, and analytical procedures. Additionally, the Cyclotron Institute is developing a radioisotope production program. Radioactive isotopes are central to non-invasive diagnostic medical procedures as well as therapeutic nuclear medicine. Through this program, methods of production for medically important radioisotopes will be pursued, resulting in new knowledge, increased availability of these isotopes and students trained in radiochemistry.

(3) (a) Major Accomplishments to Date:

CI has two cyclotrons, one of which is a superconducting machine. TAMU is one of only two locations in the U.S. to have this kind of facility. Radioactive isotopes are central to non-invasive diagnostic medical procedures as well as therapeutic nuclear medicine. CI focuses on an important isotope (At-211) which enables targeted alpha therapy for cancer treatment. It can produce critical isotope, and seven shipments have been sent to MD Anderson for studies. National Academy Study "Testing at the Speed of Sound" documented the urgent need from the U.S. Department of Defense and commercial sector to test electronic components against known radiation exposures. CI is the leading location for such testing worldwide and has recently developed a suite of 10 MeV/nucleon beams. Additionally, it has partnered with NASA. CI serves as a pipeline for a technical workforce, with former employees working in Texas (SpaceX, IBA, Honeywell, Dow Chemical). Through the DOE-NNSA Center of Excellence in Nuclear Training and University-based Research (CENTAUR), CI enables students to contribute to the national security mission at federal laboratories.

(3) (b) Major Accomplishments Expected During the Next 2 Years:

With advancements in beam current and research technologies, CI can anticipate being able to increase the production of isotope At-211. The facility can increase this valuable isotope for radiochemists at MD Anderson and elsewhere through the National Isotope Development Center. Furthermore, the U.S. Department of Defense has identified a critical need to test electronic components against known radiation exposures and to develop the workforce to perform such testing. As a response to this national defense mission, CI is currently leading such testing. In an effort to also be responsive in the area of nuclear security, this facility is developing the 15 MeV/nucleon beams. In 2021, a new p-Terphenyl neutron detector system (TexNEUT) was commissioned at CI.

(4) Funding Source Prior to Receiving Non-Formula Support Funding:

Funding by the U.S. Department of Energy, The Robert A. Welch Foundation and the State was started in the mid-1960's.

(5) Formula Funding:

None

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(6) Category:

Research Support

(7) Transitional Funding:

N

(8) Non-General Revenue Sources of Funding:

2018

\$4,205,000 Department of Energy – Office of Science
\$2,000,000 Department of Energy - NNSA
\$400,000 Brookhaven Science Associates

2019

\$4,205,000 Department of Energy – Office of Science
\$2,000,000 Department of Energy – NNSA
\$400,000 Brookhaven Science Associates
\$299,000 National Science Foundation
\$170,000 Robert A. Welch Foundation
\$4,131,955 Industrial and Private Sources

2020

\$4,739,000 Department of Energy – Office of Science
\$2,000,000 Department of Energy – NNSA
\$630,000 Brookhaven Science Associates
\$403,000 National Science Foundation
\$85,000 Robert A. Welch Foundation
\$87,000 TRIAD
\$3,406,645 Industrial and Private Sources (this was lower than previous years due to COVID-19)

2021

\$5,891,000 Department of Energy – Office of Science
\$2,000,000 Department of Energy – NNSA
\$696,000 Brookhaven Science Associates
\$509,000 National Science Foundation
\$87,000 TRIAD
\$4,261,395 Industrial and Private Sources

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2022

\$6,000,000	Department of Energy – Office of Science
\$2,000,000	Department of Energy – NNSA
\$432,000	Brookhaven Science Associates
\$500,000	National Science Foundation
\$87,000	TRIAD
\$4,500,000	Industrial and Private Sources

(9) Impact of Not Funding:

The non-formula item support of the Texas A&M Cyclotron Institute currently provides approximately 2% of funding for this facility. The remaining 98% is obtained from external grants and contracts, as well as TAMU. Ultimately, that 2% provided by the Texas Legislature leverages more than a 50-to-1 rate of return in funding from other sources for this Institute. Additionally, that 2% investment by the state partially provides a continuing baseline support first agreed to between TAMU and the U.S. Department of Energy (DOE) for this Center of Excellence. This continued support from the State of Texas was vital to this facility obtaining further funding for the new NNSA Center of Excellence and the DOE Isotope Program grant. If the non-formula item support was eliminated, then it would inevitably lead to severely curtailed operations at this facility and therefore certain loss of any future federal support for research as well as maintaining required equipment/resources. Since fiscal years 1996-1997, over the last quarter-century while unprecedented cancer-related research has been underway, this non-formula item support has been reduced by 61%. Any more reductions will have a substantially adverse impact on service levels, sustained research and significant matching funds.

(10) Non-Formula Support Needed on Permanent Basis/Discontinuu

Permanent

(11) Non-Formula Support Associated with Time Frame:

N/A

(12) Benchmarks:

N/A

(13) Performance Reviews:

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Hours for research, testing and evaluation using ion beam technology that was delivered in FY 2020-2021:

8,892 hours for radiation effects; 11,675 hours for fundamental science

Number of students in program: 37 during FY 2020-2021

Number of external users on radiation effects line:

FY 2020 = 400 individuals

FY 2021 = 550 individuals

Other grant support: See Non-General Revenue Sources of Funding

Publications: 17 faculty members – 86 papers (FY 2020); 75 papers (FY 2021)

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Energy Resources Program

(1) Year Non-Formula Support Item First Funded:	1976
Year Non-Formula Support Item Established:	1976
Original Appropriation:	\$958,072

(2) Mission:

Clean, affordable, and sustainable energy is critical to the state of Texas and its consumers, and as a major economic engine that affects the global competitiveness of the United States. For many decades, Texas has led in providing solutions to the energy challenges facing the nation and the world. The Energy Resources Program (ERP) at Texas A&M University was created to provide the state with a concentration of expertise in research, teaching, and public service directed at continuously developing solutions to Texas' and the nation's changing energy and environmental challenges. Texas A&M's ERP maintains programs and provides overarching coordination among multiple colleges, departments, and disciplines that addresses both immediate and long-term needs in an area of major importance to Texas and the national economy. The ERP accelerates advanced and emerging technologies in both renewable and traditional sources of energy by cultivating innovative strategies to maintain the State's leadership in wind power, renewable energy technologies, natural gas production and distribution, and critical issues associated with water use and energy production.

(3) (a) Major Accomplishments to Date:

ERP has supported projects funded by federal agencies and external entities on energy systems engineering, energy scenario analysis, fossil energy research, smart manufacturing for energy efficiency, water reuse, disaster recovery for fuel and chemical supply chains, CO₂-capture, and others. Members have served in leadership capacities for two U.S. Department of Energy-led "Manufacturing USA" institutes, the Clean Energy Smart Manufacturing Innovation Institute (CESMII) and the Rapid Advancement in Process Intensification Deployment (RAPID) Manufacturing Institute. ERP has helped to fund 42 competitive seed grants to encourage collaborative research, which has resulted in more than 189 publications, presentations, or conference proceedings; 2 patents; more than 50 proposals to federal and private agencies; and successfully funded proposals to external entities totaling more than \$16.7M in external funds. ERP catalyzed efforts to educate the general workforce with a curriculum addressing all facets of the energy landscape that naturally connect. Over the last seven years, the Texas A&M Energy Institute (EI) has offered numerous seminars, workshops and conferences featuring nationally and internationally renowned energy scholars.

(3) (b) Major Accomplishments Expected During the Next 2 Years:

Through the EI, the ERP funds will be leveraged to advance energy education, research, and partnerships in six strategic areas: 1) For the expansion of the university-industry collaboration and Faculty Affiliate membership to all relevant members of The Texas A&M System. 2) For student engagement through further partnering with the Texas A&M Energy Research Society to increase participation in the annual Conference on Energy led by students. 3) To increase collaborative research and leadership roles in major proposal submissions by Texas A&M faculty teams with other universities and national labs, including National Science Foundation (NSF) Engineering Research Centers (ERCs), Major Research Instrumentation Program and Energy Frontier Research Centers. 4) For workforce development, the Master of Science in Energy and Certificate in Energy programs will draw more participants from industry and will look for remote offerings in addition to the face-to-face and distance offerings. 5) For industry partnerships, expanding its industrial partner's base for education, research, collaboration, and student recruiting. Finally, 6) to increase international collaborations through new research collaborations, faculty exchanges, and sponsored students.

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(4) Funding Source Prior to Receiving Non-Formula Support Funding:

None

(5) Formula Funding:

None

(6) Category:

Research Support

(7) Transitional Funding:

N

(8) Non-General Revenue Sources of Funding:

The ERP funds were used to bring in additional external funds to the State of Texas for energy research and education. The annual awards from federal, private, and other non-general revenue sources are as follows:

2017 - \$72.0M

2018 - \$81.8M

2019 - \$82.1M

2020 - \$86.2M

2021 - \$96.1M

(9) Impact of Not Funding:

A loss of funding will impede the mission to pursue new approaches for energy research, education, and partnerships. Funds are leveraged to engage in areas of energy, economics, law, public policy, and the environment. Many opportunities would not be possible without funding grounded in research and collaboration, education of future leaders, and industry relationships. This non-formula item has been reduced in previous sessions. Any additional reductions have a significant impact on service levels provided.

Energy is critical to the economy of Texas and the well-being of its citizens. According to the U.S. Energy Information Administration (EIA), Texas produces more electricity than any other state. Texas is also the top U.S. producer of both crude oil and natural gas. In 2021, the state accounted for 42.6% of the nation's crude oil production and 25.4% of its marketed natural gas production. Texas leads the nation in wind-powered generation and produced about 26.3% of all the U.S. wind-powered electricity in 2021. Texas wind turbines have produced more electricity than both of the state's nuclear power plants since 2014. Leveraging of the ERP funds into this critical component of the state's economy has been dramatic. Without this investment, it will be difficult to attract the historic levels of federal and industry investment in the EI and in the state's energy future.

(10) Non-Formula Support Needed on Permanent Basis/Discontinuation:

Permanent

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(11) Non-Formula Support Associated with Time Frame:

N/A

(12) Benchmarks:

N/A

(13) Performance Reviews:

The overall return on the ERP investment, as measured by the additional external funds generated, will be a metric; currently we are leveraging the ERP funds about 268:1. We will also continue to monitor the impact we have on workforce development and training through participation numbers and direct feedback from our industry and government partners.

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Institutional Enhancement

(1) Year Non-Formula Support Item First Funded: 2020
Year Non-Formula Support Item Established: 2020
Original Appropriation: \$27,500,000

(2) Mission:

Texas A&M University has added 19,500 students since 2007-08, including more than 2,300 since receiving these funds. The Institutional Enhancement is used to support the success of these students. Specifically, Institutional Enhancement is used to invest in:

- Student Success Initiative to improve graduation and retention rates, and reduce and eliminate disparities for first generation and underrepresented students
- Enhancements to graduate programs
- Development of key focus areas in data science/artificial intelligence, biology and nutrition, technology commercialization, early childhood education, an undergraduate neuroscience degree and expanded diversity support
- Academic innovation for instructional design and enhanced online learning, and teaching innovation grants that target areas such as interdisciplinary programs, active learning, teaching in large classes and distance education
- Targeted faculty hires in colleges/programs impacted by student growth

(3) (a) Major Accomplishments to Date:

Since receiving these funds, Texas A&M University has had the following major accomplishments:

- Increases to first-year retention (92.1% to 92.7%) and four-year graduation rates (56.2% to 60.7%) across the university;
- Increases to first-year retention (86.6% to 87.8%) and four-year graduation rates (50.3% to 55.4%) for first-generation students;
- Increases to first-year retention (86.6% to 88.5%) and four-year graduation rates (50.2% to 55.9%) for students from families making less than \$60,000 a year;
- Increases to first-year retention (88.6% to 90.0%) and four-year graduation rates (49.6% to 55.4%) for Hispanic students;
- Research expenditures (over \$1.1B) by our faculty in enhance the economic impact of the state;
- The number of faculty has increased from 3,273 to 3,417.

(3) (b) Major Accomplishments Expected During the Next 2 Years:

The university anticipates continued increases in graduation and retention rates and decreases in disparities for first generation and underrepresented students with the goal to achieve a 95% first-year retention rate and a 65% four-year graduation rate. In order to accomplish these increases, the university will focus on:

- Continued enhancement of the university's transfer capacity and their academic success
- Improved classroom engagement through course redesign and use of open educational resources
- Increased hiring of tenure-track and tenured faculty to address declines

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(4) Funding Source Prior to Receiving Non-Formula Support Funding:

None

(5) Formula Funding:

None

(6) Category:

Institutional Enhancement

(7) Transitional Funding:

N

(8) Non-General Revenue Sources of Funding:

Institutional enhancement funds supplement insufficient per student funding and allow specific targeted investments in student success programs. Additional hiring is also supported from state formula funding and tuition and fees.

(9) Impact of Not Funding:

A total loss of this funding would result in the elimination of class sections, increased time-to-degree and student debt levels, decreased graduation and retention rates, an undesirable learning environment for students, the possibility of enrollment reductions, and Texas continuing to lose the most high-caliber students and their intellectual and economic contributions to other states.

(10) Non-Formula Support Needed on Permanent Basis/Discontinuation:

Permanent

(11) Non-Formula Support Associated with Time Frame:

N/A

(12) Benchmarks:

N/A

(13) Performance Reviews:

The impacts of this funding will be reviewed and tracked through metrics such as retention and graduation rates and the student-faculty ratio. These metrics are expected to show improvements over time as students begin to benefit from these strategically focused investments.

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MetaFort Virtual Production Institute

(1) Year Non-Formula Support Item First Funded:	2024
Year Non-Formula Support Item Established:	2024
Original Appropriation:	\$25,000,000

(2) Mission:

The Texas A&M MetaFort Virtual Production Institute at Fort Worth will support an ecosystem designed for teaching, learning, and research. It will focus on developing emerging applications and a skilled workforce needed for the use of virtual reality (immersion), augmented reality (hybrid of real-world and virtual objects), sensors, projectors, and computing across multiple sectors of the state's economy. MetaFort is a technology-first approach that fuses together the study and application of computer science and human-computer interaction with the visual and performing arts. Emerging interdisciplinary opportunities are made possible by advancements in full-fidelity 3D graphics, custom visual computing tools, physics simulations, sensor inputs and autonomous systems.

Funding for MetaFort will establish state-of-the art instrumentation required for a learning laboratory, designed as a performance capture and sound stage with supporting technology studio classrooms for an enrollment of 200 students (undergraduate and graduate levels) taught by 20 fulltime faculty and supported by operations and administrative staff. This emerging academic discipline has been identified as a need for the state of Texas because of recently adopted private-sector indicators across multiple key industries – such as healthcare, military, manufacturing, aerospace and entertainment – that rely on technical expertise in virtual production content and technologies as well as facilities.

(3) (a) Major Accomplishments to Date:

Texas A&M University's Visualization programs have made significant contributions in state-of-the- art computer graphics since the early 1990s. Many of the most memorable and profitable visual effects, animated films and video games have been created with Aggies leading the teams of technical artists and technical directors. As a new form of visual content creation and engagement emerges, sometimes referred to as the "metaverse", through the rapid advance technological innovation in real-time graphics, display systems, sensing, and interactivity, Texas A&M University is responding with significant investments in Visualization. These include an investment in the next three fiscal years in faculty and staff hiring to create a new School of Performance, Visualization & Fine Arts with the Visualization programs as the anchor.

(3) (b) Major Accomplishments Expected During the Next 2 Years:

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The Virtual Production Institute at Fort Worth, MetaFort, will be an extension of the new School of Performance, Visualization & Fine Arts. The students, faculty, staff, projects, and research partners who are tightly focused on developing and applying real-time high-fidelity computer graphics in immersive and augmented environments expect to initiate the following activities there:

FY24

- An extension of the BS-Visualization program at Texas A&M University's main campus, in which students complete their second half of the junior year and full senior year in residence at MetaFort.
- Continuing education technology-centered programs for K-12 teachers. Summer camps for K-12 students.

FY25

- An extension of the MS in Visualization program, focused on transforming the skills and knowledge of working professionals.
- Continuing education and certification programs for professionals, and special focused programs in partnership with industry.
- Hosting 2-3 live events that include real-time streaming of augmented elements (performers, actions, and/or environments) to off-site participants. An ideal mix includes: an entertainment-focused, military/first-responder-focused, and secondary STEAM education-focused events.

(4) Funding Source Prior to Receiving Non-Formula Support Funding:

None

(5) Formula Funding:

N/A

(6) Category:

Research Support

(7) Transitional Funding:

N

(8) Non-General Revenue Sources of Funding:

The MetaFort Virtual Production Institute will pursue innovative projects with external federal funding from the National Science Foundation, U.S. Department of Defense, and the U.S. Department of Education. Additional funding is expected through private foundations, such as the Simons Foundation's Science Sandbox, from corporate research partnerships and from taking on projects for hire that require these specialized facilities and professional expertise.

(9) Impact of Not Funding:

If the Legislature does not fund this request the state will fail to meet the need for these high-demand jobs. Without this critical funding, Texas' economic growth in this industry will be compromised, and the state will fail to capture a leadership position in this emerging high-tech industry sector due to competition from investments made in other states, such as California (Institute for Creative Technologies at USC) and New York (Martin Scorsese Institute at NYU). This would be particularly frustrating due to the success of the Visualization programs at Texas A&M University and the capacity, enabled by this request, to extend undergraduate and graduate level degrees in Visualization from our main campus to other parts of the state.

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(10) Non-Formula Support Needed on Permanent Basis/Discontinuu

Permanent

(11) Non-Formula Support Associated with Time Frame:

N/A

(12) Benchmarks:

N/A

(13) Performance Reviews:

Key Performance Indicators for the Virtual Production Institute will be:

- Enrollment relative to the enrollment target of 200 students per year after the first two years.
 - Student placement in Texas industries utilizing visual computing and/or virtual production technologies.
 - The number of top-tier technology companies hiring students from the Texas A&M VPI programs.
 - Research expenditures of externally funded projects.
 - Number of projects and total overall budgets of externally funded projects utilizing the VPI's facilities.
 - Number of cultural events hosted at or through the VPI that utilize the facility and its technologies to reach extended audiences.
-

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Sea Grant Program

(1) Year Non-Formula Support Item First Funded:	1968
Year Non-Formula Support Item Established:	1968
Original Appropriation:	\$52,861

(2) Mission:

Texas Sea Grant College Program at Texas A&M University was created to improve the understanding, wise use, and stewardship of Texas' coastal and marine resources. To achieve this mission, it directs research, outreach, and education programs to benefit the citizens, businesses, and communities from providing grants and scholarships, to funding Texas' innovative researchers to solve real-world problems, to deploying a boots-on-the-ground extension team to help industry in Texas be more competitive as well as build resilience to impacts from storms and other hazards. This unique partnership unites the resources of the federal government, the State of Texas, industry, and universities across the state to create knowledge, innovative tools, products, and services that benefit the economy and environment. Texas Sea Grant yields a 20:1 return on investment and for every state dollar invested in, it returns more than \$20. Additionally, the program receives federal funding that requires a match of one state dollar for every two federal dollars received. The state appropriation does not cover the federal match. Sea Grant combines state funding with other funding it receives from Texas A&M and other sources in order to meet the matching requirement. It is part of a national network of Sea Grant programs in coastal and Great Lakes states. The network is funded by the U.S. Department of Commerce, National Oceanic and Atmospheric Administration (NOAA) in partnership with the states.

(3) (a) Major Accomplishments to Date:

- Developed a state-wide program to support Texas' new cultivated oyster mariculture industry.
- Supported workforce development by funding curriculum development for university-level programs in science, technology, engineering, law, and math and provided scholarships, fellowships, and research grants to students.
- Awarded over \$52 million in competitive research grants to Texas state universities.
- Reduced by-catch of endangered sea turtles by the shrimp industry.
- Helped to make coastal waters cleaner by educating the boating public and marina business owners about "clean boating best practices" for handling refuse and boat-generated waste.
- Developed a Monofilament Recovery and Recycling Program to educate Texans and remove over 1,000 miles of used fishing line from the coast.
- Led dockside engagement to train 133 shrimp fishermen from 45 vessels on proper installation and use of 157 turtle excluder devices (TEDs).
- Revitalized an outdated weighmaster training program to address the shortage of trained, experienced weighmasters at sportfishing tournaments.
- Removed 944 derelict crab traps from San Antonio Bay, Espiritu Bay, Mesquite Bay, and Carlos Bay.

(3) (b) Major Accomplishments Expected During the Next 2 Years:

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- Award \$2 million in competitive research grants to Texas state universities and \$250,000 in scholarships, fellowships, and research grants to university students.
- Promote a safe, secure, and sustainable supply of seafood to meet public demand.
- Inform Texans about the health benefits of seafood consumption and how to evaluate the safety and sustainability of the seafood they buy .
- Reduce by-catch of commercially and recreationally important fish and endangered sea turtles by the Texas shrimp fishing industry .
- Develop a future workforce that is skilled in science, technology, engineering, mathematics, and other disciplines critical to local, state, regional and national needs.
- Teach Texas coastal communities to use comprehensive planning to make informed strategic decisions to increase their resiliency to hazards and extreme events .
- Improve Texas water resources to sustain human health and ecosystem services.
- Protect, restore and enhance Texas coastal habitat.
- Improve ecosystem services by enhancing the health, diversity and abundance of fish, wildlife, and plants.
- Promote and support the use of ecosystem-based approaches to manage land, water and living resources.

(4) Funding Source Prior to Receiving Non-Formula Support Funding:

Since Congress established the National Sea Grant College Program, the State of Texas has provided the matching funds required to receive federal funds. There was no funding source prior.

(5) Formula Funding:

None

(6) Category:

Research Support

(7) Transitional Funding:

N

(8) Non-General Revenue Sources of Funding:

The primary source of funding for Texas Sea Grant is through the U.S. Department of Commerce/NOAA National Sea Grant College Program. Core federal funding provided the program with \$4.3 million for the FY 2020-2021 biennium. Core funding is supplemented by special NOAA competitions, funds available only to state Sea Grant programs. These special competitions typically range from \$100,000 to more than \$1,000,000 per competition. Texas Sea Grant also wins competitive grants and contracts from other federal, state, corporate and not-for-profit sponsors. These grants and contracts provide additional revenue sources and leverage the program's core federal funds. During the 2020-2021 biennium, Texas Sea Grant received more than \$1 million in additional funding from grants and contracts.

(9) Impact of Not Funding:

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The Texas Sea Grant College Program receives its federal funding in the form of a grant from NOAA, and this grant requires a match of one state dollar for every two federal dollars received. There are no other sources of state funds available to support the Texas Sea Grant College Program.

The consequences of not funding this non-formula item are (1) the federal funds discussed above will not be received by the State of Texas to support research, outreach and education if the State cannot meet the match (2) the Texas Sea Grant College Program will end (3) Texas A&M University will no longer be a Sea Grant Institution and (4) the State of Texas will lose millions of dollars in direct and indirect economic benefits derived from Texas Sea Grant program activities. This non-formula item has been reduced in previous sessions. Any additional reductions will have a significant impact on service levels, research, and matching funds.

(10) Non-Formula Support Needed on Permanent Basis/Discontinuu

Permanent

(11) Non-Formula Support Associated with Time Frame:

N/A

(12) Benchmarks:

N/A

(13) Performance Reviews:

The specific criteria reviewed align with those required by our federal sponsor. Every year, Texas Sea Grant submits an annual report required by NOAA to determine if progress has been made toward achieving goals and targets identified in our state strategic plan. In this annual report, Texas Sea Grant reports progress toward specific performance measures and metrics and reports impacts and accomplishments. Every four years, Texas Sea Grant is evaluated by an external review committee during a site visit held at Texas A&M University to determine if the program meets the Standards of Excellence per <https://www.gpo.gov/fdsys/granule/CFR-2017-title15-vol3/CFR-2017-title15-vol3-sec918-3>, which includes meeting the goals and objectives identified in the program's strategic plan and meeting targets for performance measures and metrics. The last site visit was conducted in 2019, and it was determined that Texas Sea Grant meets the Standards of Excellence. The next site visit will occur in 2023.
