



Agenda Items
Meeting
of the
Board of Regents

August 20, 2020



REVISED
MEETING OF THE BOARD OF REGENTS
THE TEXAS A&M UNIVERSITY SYSTEM
August 20, 2020
College Station, Texas

REGULAR AGENDA ITEMS

1. COMMITTEE ON FINANCE

- 1.1 Approval of Fiscal Year 2021 Service Department Accounts, A&M System
- 1.2 Approval of Fiscal Year 2021 Operating Budgets, A&M System
- 1.3 Adoption of a Resolution Authorizing the Issuance of the Board of Regents of The Texas A&M University System Permanent University Fund Bonds, A&M System
- 1.4 Adoption of a Resolution Authorizing the Issuance of the Board of Regents of The Texas A&M University System Revenue Financing System Bonds, A&M System

2. COMMITTEE ON AUDIT

- 2.1 Approval of System Internal Audit Plan for Fiscal Year 2021, BOR (Draft Pending Committee Approval)

3. COMMITTEE ON BUILDINGS AND PHYSICAL PLANT

- 3.1 Approval of System Capital Plan for FY 2021 – FY 2025, A&M System
- 3.2 Approval of the Project Scope and Budget, Appropriation for Construction Services, and Approval for Construction for the Instructional Laboratory & Innovative Learning Building (ILSQ) Project, Texas A&M University, College Station, Texas (Project No. 02-3272), A&M System
- 3.3 Approval of the Project Scope and Budget, Appropriation for Construction Services, and Approval for Construction for the Aquatics Center Project, Tarleton State University, Stephenville, Texas (Project No. 04-3264), A&M System
- 3.4 Approval of the Project Scope and Budget, Appropriation for Construction Services, and Approval for Construction for the Amarillo Center Phase III Project, West Texas A&M University, Amarillo, Texas (Project No. 18-3313), A&M System

**Certified by the general counsel or other appropriate attorney as confidential or information that may be withheld from public disclosure in accordance with Section 551.1281 and Chapter 552 of the Texas Government Code.*

- 3.5 Approval of the Project Scope and Budget, Appropriation for Construction Services, and Approval for Construction for the Ballistic Aero-Optics and Materials Facility Project, Texas A&M Engineering Experiment Station, Bryan, Texas (Project No. 28-3321), A&M System
- 3.6 Approval of the Project Scope and Budget, Appropriation for Construction Services, and Approval for Construction for the BCDC: Innovation Proving Grounds Project, Texas A&M Engineering Experiment Station, Bryan, Texas (Project No. 28-3322), A&M System
- 3.7 Approval of the Project Scope and Budget, Appropriation for Construction Services, and Approval for Construction for the HVAC Replacement Lechner Hall Project, Texas A&M University, College Station, Texas (Project No. 2019-07175), Texas A&M
- 3.8 Approval of the Project Scope and Budget, Appropriation for Construction Services, and Approval for Construction for the HVAC Replacement Wells Hall Project, Texas A&M University, College Station, Texas (Project No. 2019-07176), Texas A&M
- 3.9 Approval of the Project Scope and Budget, Appropriation for Pre-Construction and Construction Services, and Approval for Construction of the ESCO 2021 Project at Texas A&M University at Galveston, Galveston, Texas (Project No.10-40646), Texas A&M

Informational Report

Report of System Construction Projects Authorized by the Board

4. COMMITTEE ON ACADEMIC AND STUDENT AFFAIRS

(no agenda items)

5. THE TEXAS A&M UNIVERSITY SYSTEM BOARD OF REGENTS *(not assigned to Committee)*

- 5.1 Adoption of a Resolution Honoring the Memory of The Honorable John C. Otto for His Extraordinary Contributions to The Texas A&M University System and the State of Texas, A&M System
- 5.2 Approval of the Community Report: Progress Update, Reflections and Updates to the Strategic Plan, A&M System
- 5.3 Appointment to the University Lands Advisory Board, BOR

Executive Session Items

- 5.4 *Authorization to Settle Claims Relating to *Imperial Construction, Inc. v. The Board of Regents of The Texas A&M University System, et al.*, A&M System
- 5.5 *Authorization to Settle Contractual Dispute with Florida State University, A&M System
- 5.6 *Authorization for the President to Negotiate and Execute an Employment Contract with the Men's Basketball Coach, PVAMU

**Certified by the general counsel or other appropriate attorney as confidential or information that may be withheld from public disclosure in accordance with Section 551.1281 and Chapter 552 of the Texas Government Code.*

- 5.7 *Authorization to Purchase Property Located at 1920 W. Sloan in Stephenville, Erath County, Texas, Tarleton
- 5.8 *Authorization to Negotiate and Execute a Lease for the Operation of an Oyster Resource & Recovery Center Near the Campus of Texas A&M University-Corpus Christi, in Nueces County, Texas, A&M-Corpus Christi
- 5.9 *Authorization to Purchase Land and Improvements in Strategic Locations across the State, TDEM

6. **CONSENT AGENDA ITEMS**

The Texas A&M University System/Board of Regents

- 6.1 Approval of Minutes
- 6.2 Granting of the Title of Emeritus, August 2020
- 6.3 Confirmation of Appointment and Commissioning of Peace Officers
- 6.4 Approval of List of Authorized Signers for Revolving Fund Bank Accounts for System Members
- 6.5 Approval of Revisions to System Policy 22.02, *System Investment*
- 6.6 Approval of Extension to Bank Depository Agreements with Guaranty Bank & Trust and First Texas Bank & Trust
- 6.7 Adoption of a Resolution Recognizing the Importance of the Bryan-College Station Community to Texas A&M University

Prairie View A&M University

- 6.8 Approval of Academic Tenure, August 2020
- 6.9 Approval of a New Master of Social Work Degree Program, and Authorization to Request Approval from the Texas Higher Education Coordinating Board

Tarleton State University

- 6.10 Approval of a New Bachelor of Science Degree Program with a Major in Communication Sciences and Disorders, and Authorization to Request Approval from the Texas Higher Education Coordinating Board

Texas A&M International University

- 6.11 Approval of Academic Tenure, August 2020

Texas A&M University

- 6.12 Approval of Academic Tenure, August 2020

**Certified by the general counsel or other appropriate attorney as confidential or information that may be withheld from public disclosure in accordance with Section 551.1281 and Chapter 552 of the Texas Government Code.*

- 6.13 Approval of a New Master of Science Degree Program with a Major in Data Science, and Authorization to Request Approval from the Texas Higher Education Coordinating Board
- 6.14 Approval for Dr. David Staack, a System Employee, to Serve as an Officer, Member of the Board of Directors and Employee of Geo-SPARC LLC., an Entity that Proposes to License Technology from The Texas A&M University System
- 6.15 Approval for Dr. Nasir Gharaibeh, a System Employee, to Serve as an Officer, Member of the Board of Directors and Employee of InfraFrame, LLC, an Entity that Proposes to License Technology from The Texas A&M University System
- 6.16 *Authorization to Establish Two Quasi-Endowments in the System Endowment Fund
- 6.17 *Naming of Athletics Facilities and Related Structures
- 6.18 *Naming of the Geosciences Career Center
- 6.19 *Naming of the Student Learning Center and Graduate Assistant Research Center Spaces Inside the Allen Building
- 6.20 *Authorization for the President to Negotiate and Execute an Agreement and Other Related Documents with Baylor Scott & White Health in Connection with the Texas Child Mental Health Care Consortium
- 6.21 *Authorization for the President to Negotiate and Execute a Contract Over \$500,000

Texas A&M University-Central Texas

- 6.22 Approval of Academic Tenure, August 2020

Texas A&M University-Commerce

- 6.23 Approval of Academic Tenure, August 2020
- 6.24 Approval of a New Bachelor of Science and Bachelor of Arts Degree Program with a Major in Human Services, and Authorization to Request Approval from the Texas Higher Education Coordinating Board
- 6.25 Approval of New Bachelor of Science Degree Program with a Major in Veterinary Biomedical Technology, and Authorization to Request Approval from the Texas Higher Education Coordinating Board
- 6.26 *Renaming of the Gee Library and Gee Lake and Naming of Conference Room and Football Locker Room Space

Texas A&M University-Corpus Christi

- 6.27 Approval of Academic Tenure, August 2020

**Certified by the general counsel or other appropriate attorney as confidential or information that may be withheld from public disclosure in accordance with Section 551.1281 and Chapter 552 of the Texas Government Code.*

- 6.28 Approval of a New Bachelor of Science Degree Program with a Major in Sport Management, and Authorization to Request Approval from the Texas Higher Education Coordinating Board

Texas A&M University-Kingsville

- 6.29 Approval of Academic Tenure, August 2020
- 6.30 Approval of a New Bachelor of General Studies Degree Program, and Authorization to Request Approval from the Texas Higher Education Coordinating Board

Texas A&M University-San Antonio

- 6.31 Approval of Academic Tenure, August 2020
- 6.32 Approval of a New Master of Science Degree Program with a Major in Finance, and Authorization to Request Approval from the Texas Higher Education Coordinating Board

Texas A&M University-TeXarkana

- 6.33 *Naming of Computer Aided Design Lab Room 247 in Building for Academic and Student Services

West Texas A&M University

- 6.34 Approval of Academic Tenure, August 2020

Texas A&M AgriLife Research

- 6.35 Establishment of the Agriculture, Food and Nutrition Evidence Center

Texas A&M Engineering Extension Service
(no agenda items)

Texas A&M Forest Service

- 6.36 Confirmation of Appointment and Commissioning of Peace Officer
- 6.37 Authorization to Execute FY 2020 Federal Non-research Grant Agreement, and any Amendments, Modifications or Extensions
- 6.38 Authorization to Execute 2020-2025 Master Cooperative Wildland Fire Management and Stafford Act Response Agreement, and any Amendments, Modifications or Extensions

Texas Division of Emergency Management
(no agenda items)

A&M System	The Texas A&M University System
A&M-Central Texas	Texas A&M University-Central Texas
A&M-Commerce	Texas A&M University-Commerce
A&M-Corpus Christi	Texas A&M University-Corpus Christi
A&M-San Antonio	Texas A&M University-San Antonio
A/E.....	Architect/Engineer
AgriLife Extension.....	Texas A&M AgriLife Extension Service
AgriLife Research	Texas A&M AgriLife Research
BOR	Board of Regents
FP&C.....	Facilities Planning and Construction
POR.....	Program of Requirements
PUF	Permanent University Fund
PVAMU.....	Prairie View A&M University
RELLIS	Respect, Excellence, Leadership, Loyalty, Integrity and Selfless Service
RFS.....	Revenue Financing System
TAMHSC	Texas A&M Health Science Center
TAMIU	Texas A&M International University
TAMUG.....	Texas A&M University at Galveston
TAMUT	Texas A&M University-Texarkana
Tarleton.....	Tarleton State University
TEES.....	Texas A&M Engineering Experiment Station
TEEX.....	Texas A&M Engineering Extension Service
Texas A&M at Qatar.....	Texas A&M University at Qatar
Texas A&M	Texas A&M University
Texas A&M-Kingsville.....	Texas A&M University-Kingsville
TDEM.....	Texas Division of Emergency Management
TFS.....	Texas A&M Forest Service
THECB.....	Texas Higher Education Coordinating Board
TTI.....	Texas A&M Transportation Institute
TVMDL.....	Texas A&M Veterinary Medical Diagnostic Laboratory
UTIMCO.....	The University of Texas/Texas A&M Investment Management Company
WTAMU.....	West Texas A&M University

Agenda Item No. 1.1

AGENDA ITEM BRIEFING

Submitted by: Billy Hamilton, Deputy Chancellor and Chief Financial Officer
The Texas A&M University System

Subject: Approval of Fiscal Year 2021 Service Department Accounts

Proposed Board Action:

Approve the fiscal year 2021 service department accounts as submitted by the members of The Texas A&M University System (A&M System).

Background Information:

All members of the A&M System have submitted all service department accounts for the fiscal year ending August 31, 2021. Staff members in the System Office of Budgets and Accounting have reviewed these accounts in detail.

The General Appropriations Act allows appropriations to be used to reimburse any service department that is established by authority of the governing board and operated for the benefit of one or more members of a system. System Regulation [21.01.05, Service Departments or Centers](#), provides information regarding the general rules that govern the establishment, utilization and operation of service departments within the A&M System.

A detailed listing of service department accounts by member is included in the attached exhibit.

A&M System Funding or Other Financial Implications:

The funding implications of service departments are included in the fiscal year 2021 operating budgets.

Strategic Plan Imperative(s) this Item Advances:

This agenda item is relevant to the advancement of all the imperatives of the Strategic Plan.

Agenda Item No. 1.1

THE TEXAS A&M UNIVERSITY SYSTEM
Office of the Deputy Chancellor and Chief Financial Officer
July 13, 2020

Members, Board of Regents
The Texas A&M University System

Subject: Approval of Fiscal Year 2021 Service Department Accounts

I recommend adoption of the following minute order:

“The service department accounts for the members of The Texas A&M University System for the fiscal year ending August 31, 2021, included in the exhibit, are hereby approved subject to the provisions contained in System Regulation 21.01.05, *Service Departments or Centers*.”

Respectfully submitted,

[ORIGINAL SIGNED BY]

Billy Hamilton
Deputy Chancellor and
Chief Financial Officer

Approval Recommended:

[ORIGINAL SIGNED BY]

John Sharp
Chancellor

Approved for Legal Sufficiency:

[ORIGINAL SIGNED BY]

Ray Bonilla
General Counsel

The Texas A&M University System
Service Department Activities
Budget for Fiscal Year Ending: August 31, 2021

Prairie View A&M University

Account And Desc	Beginning Balance	Revenue Budget	Expense Budget	Net Operating	Transfers	Ending Balance
227100 - Utility System Revenue Fund	\$0	\$2,406,860	\$2,406,860	\$0	\$0	\$0
227106 - Water Treatment Plant	\$0	\$375,521	\$375,521	\$0	\$0	\$0
227107 - Wastewater Treatment Plant	\$0	\$772,781	\$772,781	\$0	\$0	\$0
227155 - Outsourced Services	\$0	\$7,646,138	\$7,646,138	\$0	\$0	\$0
227311 - Lump Sum Reserve - Local Accounts	\$0	\$108,250	\$108,250	\$0	\$0	\$0
227600 - Surplus Property	\$0	\$1,442	\$1,442	\$0	\$0	\$0
227701 - Campus Mail Services	\$0	\$176,865	\$176,865	\$0	\$0	\$0
227710 - Voice Over Ip	\$0	\$1,038,399	\$1,038,399	\$0	\$0	\$0
227800 - Transportation Center	\$0	\$370,000	\$370,000	\$0	\$0	\$0
271300 - Administrative Ohcr	\$0	\$4,416,389	\$0	\$4,416,389	(\$4,416,389)	\$0
271301 - Business Affairs	\$0	\$0	\$69,736	(\$69,736)	\$69,736	\$0
271302 - Financial Management Services	\$0	\$0	\$907,020	(\$907,020)	\$907,020	\$0
271305 - Human Resources	\$0	\$0	\$807,473	(\$807,473)	\$807,473	\$0
271306 - Campus Planning	\$0	\$0	\$503,510	(\$503,510)	\$503,510	\$0
271307 - Information Resource	\$0	\$0	\$62,023	(\$62,023)	\$62,023	\$0
271308 - Environmental Health & Safety	\$0	\$0	\$68,278	(\$68,278)	\$68,278	\$0
271312 - University Assessments	\$0	\$0	\$1,002,121	(\$1,002,121)	\$1,002,121	\$0
271314 - University Police Department	\$0	\$0	\$996,228	(\$996,228)	\$996,228	\$0
Prairie View A&M University	\$0	\$17,312,645	\$17,312,645	\$0	\$0	\$0

Revenue	Sales And Services	\$17,312,645

Expense	Salaries - Non-Faculty	\$2,807,675
	Wages	\$143,808
	Benefits	\$814,545
	Utilities	\$823,064
	Operations And Maintenance	\$12,623,553
	Equipment (Capitalized)	\$100,000

Prairie View A&M University	\$0	\$17,312,645	\$17,312,645	\$0	\$0	\$0

**The Texas A&M University System
Service Department Activities
Budget for Fiscal Year Ending: August 31, 2021**

Tarleton State University

Account And Desc	Beginning Balance	Revenue Budget	Expense Budget	Net Operating	Transfers	Ending Balance
281100 - Tiaer Laboratory Services	\$0	\$134,636	\$134,015	\$621	\$0	\$621
282000 - Uci Reserve	\$0	\$33,000	\$14,900	\$18,100	\$0	\$18,100
283000 - Lump Sum Reserve	\$0	\$430,000	\$421,216	\$8,784	\$0	\$8,784
Tarleton State University	\$0	\$597,636	\$570,131	\$27,505	\$0	\$27,505

Revenue	Sales And Services	\$597,636

Expense	Salaries - Non-Faculty	\$66,726
	Wages	\$400,874
	Benefits	\$62,138
	Operations And Maintenance	\$40,393

Tarleton State University	\$0	\$597,636	\$570,131	\$27,505	\$0	\$27,505

The Texas A&M University System
Service Department Activities
Budget for Fiscal Year Ending: August 31, 2021

Texas A&M International University

Account And Desc	Beginning Balance	Revenue Budget	Expense Budget	Net Operating	Transfers	Ending Balance
218030 - Service Department-Postage	\$0	\$38,000	\$38,000	\$0	\$0	\$0
218040 - Service Department-Printing & Suppo	\$0	\$105,000	\$105,000	\$0	\$0	\$0
218050 - Service Department-Paper Supply	\$0	\$47,000	\$47,000	\$0	\$0	\$0
230062 - Unemployment Compensation Insurance	\$0	\$57,000	\$57,000	\$0	\$0	\$0
250001 - Lump Sum Reserve Service Center Des	\$0	\$109,000	\$109,000	\$0	\$0	\$0
Texas A&M International University	\$0	\$356,000	\$356,000	\$0	\$0	\$0

Revenue	Sales And Services	\$356,000

Expense	Benefits	\$166,000
	Operations And Maintenance	\$190,000

Texas A&M International University	\$0	\$356,000	\$356,000	\$0	\$0	\$0

The Texas A&M University System
Service Department Activities
Budget for Fiscal Year Ending: August 31, 2021

Texas A&M University

Account And Desc	Beginning Balance	Revenue Budget	Expense Budget	Net Operating	Transfers	Ending Balance
200230 - University Police	\$0	\$0	\$2,810,000	(\$2,810,000)	\$0	(\$2,810,000)
270040 - Chemistry Department Stockroom Revo	\$0	\$150,000	\$150,000	\$0	\$0	\$0
270120 - Hazardous Waste Disposal	\$54	\$145,000	\$141,067	\$3,933	\$0	\$3,987
270160 - Utilities & Energy Services	\$7,844,045	\$59,948,889	\$34,516,413	\$25,432,476	(\$14,911,234)	\$18,365,287
270180 - Laboratory For Molecular Simulation	\$0	\$40,000	\$40,000	\$0	\$0	\$0
270220 - Landscape Maintenance - Outsourced	\$0	\$11,768,514	\$11,768,514	\$0	\$0	\$0
270230 - Building Maintenance - Outsourced	\$0	\$35,904,558	\$35,904,558	\$0	\$0	\$0
270240 - Custodial Services - Outsourced	\$0	\$24,755,727	\$24,755,727	\$0	\$0	\$0
270260 - Procurement Services	\$0	\$0	\$553,167	(\$553,167)	\$553,167	\$0
270280 - Lab For Gas-Surface Interactions	\$0	\$40,000	\$40,000	\$0	\$0	\$0
270300 - Texas A&M Information Technology	\$1,253,470	\$47,160,711	\$43,523,765	\$3,636,946	(\$194,596)	\$4,695,820
270310 - Tamu Geoinnovation Service Center	\$0	\$160,000	\$160,000	\$0	\$0	\$0
270330 - Open Access Lab	\$0	\$750,000	\$750,000	\$0	\$0	\$0
270370 - Uci Reserve	\$0	\$508,282	\$326,322	\$181,960	\$0	\$181,960
270430 - Experimental Genomics Core	\$0	\$200,000	\$200,000	\$0	\$0	\$0
270450 - Center For Chemical Characterizatio	\$0	\$100,000	\$100,000	\$0	\$0	\$0
270490 - Cyclotron Operations	\$0	\$5,000,000	\$5,000,000	\$0	\$0	\$0
270500 - Carc Support Services - Sales	\$0	\$225,000	\$225,000	\$0	\$0	\$0
270530 - Microscopy & Imaging Operations	\$0	\$300,000	\$300,000	\$0	\$0	\$0
270550 - Physics Liquid Nitrogen Sales	\$0	\$25,000	\$25,000	\$0	\$0	\$0
270590 - Cmp Services	\$0	\$3,500,000	\$3,500,000	\$0	\$0	\$0
270600 - Library Photocopy & Ind Service	\$0	\$40,000	\$40,000	\$0	\$0	\$0
270620 - Transportation Center Vehicle Renta	\$897,469	\$8,867,446	\$7,226,086	\$1,641,360	\$0	\$2,538,829
270640 - Veterinary Pathological Service	\$0	\$50,000	\$50,000	\$0	\$0	\$0
270660 - Veterinary Medical Park-Other	\$0	\$468,380	\$468,380	\$0	\$0	\$0
270710 - Interactive Video Network	\$172,959	\$3,270,112	\$3,443,071	(\$172,959)	\$0	\$0
270780 - Biology Services Account	\$0	\$200,000	\$200,000	\$0	\$0	\$0
270800 - Environmental Health & Safety	(\$9,680)	\$75,000	\$61,023	\$13,977	\$0	\$4,297
270820 - Cet Service Department	\$0	\$170,000	\$170,000	\$0	\$0	\$0
270830 - Mass Spectrometry Ctr - Ilsb	\$0	\$25,000	\$25,000	\$0	\$0	\$0
270880 - Physics Services	\$0	\$120,000	\$120,000	\$0	\$0	\$0
270940 - Ppri Survey Lab	\$0	\$715,171	\$715,171	\$0	\$0	\$0

The Texas A&M University System
Service Department Activities
Budget for Fiscal Year Ending: August 31, 2021

Account And Desc	Beginning Balance	Revenue Budget	Expense Budget	Net Operating	Transfers	Ending Balance
270950 - Center For Visualization	\$0	\$4,000	\$4,000	\$0	\$0	\$0
270990 - Purchased Utilities	\$4,712,112	\$32,089,171	\$31,449,171	\$640,000	(\$1,721,831)	\$3,630,281
271020 - Protein Chemistry Laboratory	\$292,852	\$174,785	\$207,713	(\$32,928)	\$0	\$259,924
271050 - Material Characterization Facility	\$0	\$300,000	\$300,000	\$0	\$0	\$0
271060 - Image Analysis Service Center	\$0	\$19,520	\$19,520	\$0	\$0	\$0
271150 - Auxiliary Overhead Assessment	\$0	\$8,215,923	\$670,870	\$7,545,053	(\$7,349,974)	\$195,079
271160 - President's Office	\$0	\$0	\$111,988	(\$111,988)	\$109,188	(\$2,800)
271250 - University Police	\$0	\$0	\$751,821	(\$751,821)	\$751,821	\$0
271260 - Vpfn/Cfo	\$0	\$0	\$186,857	(\$186,857)	\$186,857	\$0
271270 - Budget Office	\$0	\$0	\$20,122	(\$20,122)	\$20,122	\$0
271280 - Payroll	\$10,000	\$0	\$2,436	(\$2,436)	(\$7,564)	\$0
271290 - Employee & Org Development	\$0	\$0	\$681,823	(\$681,823)	\$560,532	(\$121,291)
271300 - Fmo	\$0	\$0	\$65,442	(\$65,442)	\$65,442	\$0
271330 - Marcom Operating	\$0	\$0	\$457,943	(\$457,943)	\$457,943	\$0
271350 - Ehsd	\$0	\$0	\$401,736	(\$401,736)	\$401,736	\$0
271360 - University Risk And Compliance	\$0	\$0	\$112,689	(\$112,689)	\$112,689	\$0
271380 - Contract Administration	\$0	\$0	\$45,866	(\$45,866)	\$45,866	\$0
271400 - System Assessments	\$0	\$0	\$2,409,305	(\$2,409,305)	\$2,409,305	\$0
271410 - Background Checks	\$0	\$0	\$225,000	(\$225,000)	\$225,000	\$0
271430 - Flourish	\$0	\$0	\$469,544	(\$469,544)	\$469,544	\$0
271570 - Flow Cytometry Facility	\$0	\$20,000	\$20,000	\$0	\$0	\$0
271600 - Office Of Facilities Coordination	\$0	\$0	\$151,048	(\$151,048)	\$151,048	\$0
271620 - Lump Sum Termination Reserve-Facult	\$0	\$66,000	\$250,000	(\$184,000)	\$0	(\$184,000)
271630 - Lump Sum Termination Reserve-Nonfac	\$0	\$1,828,927	\$1,580,000	\$248,927	\$0	\$248,927
271670 - Histology Services	\$0	\$85,000	\$85,000	\$0	\$0	\$0
271680 - Necropsy Services	\$0	\$45,000	\$45,000	\$0	\$0	\$0
271690 - Key Control	\$95,000	\$1,250,000	\$1,250,000	\$0	\$0	\$95,000
271740 - Human Resources Department	\$0	\$0	\$892,131	(\$892,131)	\$862,033	(\$30,098)
271750 - Auxiliary Retiree Gip	\$0	\$969,068	\$1,013,231	(\$44,163)	\$0	(\$44,163)
271790 - Radiogenic Isotope Lab Service Ctr	\$0	\$30,000	\$30,000	\$0	\$0	\$0
271810 - Tips Services	\$0	\$1,850,000	\$1,850,000	\$0	\$0	\$0
271840 - Tprl(Translational Pathology Resear	\$0	\$300,000	\$300,000	\$0	\$0	\$0
271870 - Stable Isotope Geosciences Facility	\$0	\$50,000	\$50,000	\$0	\$0	\$0
271890 - Metal Shop	\$0	\$25,000	\$25,000	\$0	\$0	\$0

The Texas A&M University System
Service Department Activities
Budget for Fiscal Year Ending: August 31, 2021

Account And Desc	Beginning Balance	Revenue Budget	Expense Budget	Net Operating	Transfers	Ending Balance
271900 - Glass Shop	\$0	\$25,000	\$25,000	\$0	\$0	\$0
271910 - X-Ray Diffraction	\$0	\$75,000	\$75,000	\$0	\$0	\$0
271920 - Nmr Spectroscopy	\$0	\$75,000	\$75,000	\$0	\$0	\$0
271930 - Network & Design	\$0	\$10,000	\$10,000	\$0	\$0	\$0
271940 - Nitrogen Services	\$0	\$60,000	\$60,000	\$0	\$0	\$0
271960 - IIsb Service/Supplies	\$0	\$20,000	\$20,000	\$0	\$0	\$0
272010 - Procurement Services	\$0	\$0	\$556,830	(\$556,830)	\$556,830	\$0
274000 - Sponsored Research Services	\$0	\$16,075,139	\$16,075,139	\$0	\$0	\$0
274200 - Research Info Systems Service Dept	\$0	\$2,952,537	\$2,952,537	\$0	\$0	\$0
Texas A&M University	\$15,268,281	\$271,297,860	\$243,293,026	\$28,004,834	(\$16,246,076)	\$27,027,039

Revenue	Investment Income	\$210,000
	Other Operating Income	\$2,094,068
	Sales And Services	\$268,993,792

Expense	Salaries - Faculty	\$38,700
	Salaries - Non-Faculty	\$52,248,546
	Wages	\$5,678,108
	Benefits	\$16,632,449
	Utilities	\$31,179,595
	Operations And Maintenance	\$136,079,063
	Equipment (Capitalized)	\$1,368,365
	Other Non-Operating Expense	\$68,200

Texas A&M University	\$15,268,281	\$271,297,860	\$243,293,026	\$28,004,834	(\$16,246,076)	\$27,027,039

**The Texas A&M University System
Service Department Activities
Budget for Fiscal Year Ending: August 31, 2021**

Texas A&M University at Galveston

Account And Desc	Beginning Balance	Revenue Budget	Expense Budget	Net Operating	Transfers	Ending Balance
290010 - Uci Reserve	\$0	\$75,000	\$75,000	\$0	\$0	\$0
290020 - Copy Center Revolving Fund	\$0	\$150,000	\$150,000	\$0	\$0	\$0
290040 - Telephone Operations	\$0	\$70,000	\$70,000	\$0	\$0	\$0
290050 - University Mail Service	\$0	\$1,000	\$1,000	\$0	\$0	\$0
290060 - University Mail - Postage	\$0	\$24,000	\$24,000	\$0	\$0	\$0
290140 - Seafood Safety Lab	\$0	\$51,000	\$51,000	\$0	\$0	\$0
290200 - Swimming Pool-Revolving	\$0	\$2,500	\$2,500	\$0	\$0	\$0
290230 - Rmo:Poster Printing	\$0	\$1,600	\$1,600	\$0	\$0	\$0
290290 - Phpl:Wastewater Treatment Services	\$0	\$36,000	\$36,000	\$0	\$0	\$0
290310 - List:Aquanautics Recharge Cntr	\$0	\$21,000	\$21,000	\$0	\$0	\$0
290600 - Messo Operations Revolving	\$0	\$100,000	\$100,000	\$0	\$0	\$0
Texas A&M University at Galveston	\$0	\$532,100	\$532,100	\$0	\$0	\$0

Revenue	Sales And Services	\$532,100

Expense	Salaries - Faculty	\$24,200
	Salaries - Non-Faculty	\$74,356
	Wages	\$5,424
	Benefits	\$30,314
	Operations And Maintenance	\$397,806

Texas A&M University at Galveston	\$0	\$532,100	\$532,100	\$0	\$0	\$0

The Texas A&M University System
Service Department Activities
Budget for Fiscal Year Ending: August 31, 2021

Texas A&M Health Science Center

Account And Desc	Beginning Balance	Revenue Budget	Expense Budget	Net Operating	Transfers	Ending Balance
280040 - Uci Reserve	\$0	\$65,000	\$65,000	\$0	\$0	\$0
280080 - Com Cell Analysis Facility	\$0	\$20,000	\$20,000	\$0	\$0	\$0
280110 - Animal Resource Unit	\$0	\$120,000	\$120,000	\$0	\$0	\$0
280140 - Media	\$0	\$170,000	\$170,000	\$0	\$0	\$0
280150 - Central Stores	\$0	\$875,000	\$875,000	\$0	\$0	\$0
280160 - Lump Sum Accrued Leave Payout Reser	\$0	\$1,750,000	\$1,750,000	\$0	\$0	\$0
280170 - Prf-Pharmaceutical Research Facility	\$0	\$10,000	\$10,000	\$0	\$0	\$0
280190 - Center For Integrated Microbiota Re	\$0	\$2,500	\$2,500	\$0	\$0	\$0
280200 - Ibt Flow Cytometry Facility	\$0	\$12,000	\$12,000	\$0	\$0	\$0
280210 - Protein Production & Analysis Core	\$0	\$25,000	\$25,000	\$0	\$0	\$0
280220 - Clinical Learning Resource Center	\$0	\$1,365,102	\$1,365,102	\$0	\$0	\$0
280240 - Antibody Biopharma Core	\$0	\$8,500	\$8,500	\$0	\$0	\$0
280270 - High Throughput Screening Core	\$0	\$35,000	\$35,000	\$0	\$0	\$0
280280 - Center For Advance Imaging	\$0	\$15,000	\$15,000	\$0	\$0	\$0
280490 - Ibt - Animal Care Laboratory	\$0	\$425,000	\$425,000	\$0	\$0	\$0
Texas A&M Health Science Center	\$0	\$4,898,102	\$4,898,102	\$0	\$0	\$0

Revenue	Sales And Services	\$4,898,102

Expense	Salaries - Non-Faculty	\$412,467
	Wages	\$1,670,800
	Benefits	\$279,803
	Operations And Maintenance	\$2,535,032

Texas A&M Health Science Center	\$0	\$4,898,102	\$4,898,102	\$0	\$0	\$0

**The Texas A&M University System
Service Department Activities
Budget for Fiscal Year Ending: August 31, 2020**

Texas A&M University - Central Texas

Account And Desc	Beginning Balance	Revenue Budget	Expense Budget	Net Operating	Transfers	Ending Balance
280100 - Serv Dept-Unemployment Comp Insuran	\$16,641	\$13,302	\$8,000	\$5,302	\$0	\$21,943
280150 - Serv Dept-Lump Sum Reserve	\$318,214	\$24,461	\$38,270	(\$13,809)	\$0	\$304,405
280200 - Serv Dept-Telecommunications	\$42,508	\$146,315	\$159,379	(\$13,064)	\$0	\$29,444
Texas A&M University - Central Texas	\$377,363	\$184,078	\$205,649	(\$21,571)	\$0	\$355,792

Revenue	Sales And Services	\$184,078

Expense	Salaries - Non-Faculty	\$42,501
	Wages	\$36,003
	Benefits	\$23,103
	Operations And Maintenance	\$104,042

Texas A&M University - Central Texas	\$377,363	\$184,078	\$205,649	(\$21,571)	\$0	\$355,792

**The Texas A&M University System
Service Department Activities
Budget for Fiscal Year Ending: August 31, 2020**

Texas A&M University - Commerce

Account And Desc	Beginning Balance	Revenue Budget	Expense Budget	Net Operating	Transfers	Ending Balance
272000 - Transportation	\$0	\$30,000	\$30,000	\$0	\$0	\$0
272050 - Lump Sum Vacation Reserve	\$0	\$50,000	\$50,000	\$0	\$0	\$0
272100 - Unemployment Comp Ins Reserve (Uci)	\$0	\$35,000	\$35,000	\$0	\$0	\$0
Texas A&M University - Commerce	\$0	\$115,000	\$115,000	\$0	\$0	\$0

Revenue	Sales And Services	\$115,000

Expense	Benefits	\$85,000
	Operations And Maintenance	\$30,000

Texas A&M University - Commerce	\$0	\$115,000	\$115,000	\$0	\$0	\$0

The Texas A&M University System
Service Department Activities
Budget for Fiscal Year Ending: August 31, 2021

Texas A&M University - Corpus Christi

Account And Desc	Beginning Balance	Revenue Budget	Expense Budget	Net Operating	Transfers	Ending Balance
270001 - Telecommunications	\$0	\$1,081,004	\$1,081,004	\$0	\$0	\$0
270032 - Administrative Copiers	\$0	\$343,000	\$335,000	\$8,000	(\$5,000)	\$3,000
270051 - Mail Services-Operating	\$0	\$150,000	\$144,000	\$6,000	(\$5,000)	\$1,000
270091 - Upd Special Events	\$0	\$35,000	\$35,000	\$0	\$0	\$0
270101 - Uci - Institutional Reserve	\$0	\$57,000	\$57,000	\$0	\$0	\$0
270111 - Local Acap Reserve Service Center	\$0	\$250,000	\$250,000	\$0	\$0	\$0
270141 - Cbi - Transportation/Maintenance	\$0	\$103,567	\$103,567	\$0	\$0	\$0
270190 - Boat Maintenance	\$0	\$4,500	\$4,500	\$0	\$0	\$0
270200 - Truck Maintenance	\$0	\$4,500	\$4,500	\$0	\$0	\$0
270210 - Genomics Core Lab	\$0	\$250,000	\$195,058	\$54,942	\$0	\$54,942
270220 - Wetz Lab - Sample Analysis Fees	\$0	\$1	\$1	\$0	\$0	\$0
270230 - Laguna Madre Field Station Rental	\$0	\$1,000	\$1,000	\$0	\$0	\$0
270240 - S&E - Vehicle Maintenance	\$0	\$22,000	\$22,000	\$0	\$0	\$0
270250 - S&E Boat Maintenance	\$0	\$24,000	\$20,000	\$4,000	\$0	\$4,000
270305 - Tv Programming Services/Cable Tv	\$0	\$12,446	\$12,446	\$0	\$0	\$0
270310 - User Support Services Center	\$0	\$1,000	\$1,000	\$0	\$0	\$0
270320 - Isotope Core Laboratory	\$0	\$1	\$1	\$0	\$0	\$0
270330 - Plotter Maintenance	\$0	\$3,500	\$2,500	\$1,000	\$0	\$1,000
270340 - Icore	\$0	\$4,000	\$4,000	\$0	\$0	\$0
270350 - Jung - Sample Analysis	\$0	\$52,800	\$52,800	\$0	\$0	\$0
270360 - Hu-Sample Analysis	\$0	\$3,000	\$3,000	\$0	\$0	\$0
270370 - Portnoy-Sample Analysis	\$0	\$16,000	\$16,000	\$0	\$0	\$0
270380 - Radio Analysis Laboratory Fees	\$0	\$1	\$1	\$0	\$0	\$0

**The Texas A&M University System
Service Department Activities
Budget for Fiscal Year Ending: August 31, 2021**

Account And Desc	Beginning Balance	Revenue Budget	Expense Budget	Net Operating	Transfers	Ending Balance
270390 - Zhang - Sample Analysis	\$0	\$0	\$44,606	(\$44,606)	\$0	(\$44,606)
270420 - Dso Fee	\$0	\$1	\$1	\$0	\$0	\$0
Texas A&M University - Corpus Christi	\$0	\$2,418,321	\$2,388,985	\$29,336	(\$10,000)	\$19,336

Revenue	Other Operating Income	\$8,000
	Sales And Services	\$2,410,321

Expense	Salaries - Non-Faculty	\$594,423
	Wages	\$35,720
	Benefits	\$478,058
	Operations And Maintenance	\$1,280,784

Texas A&M University - Corpus Christi	\$0	\$2,418,321	\$2,388,985	\$29,336	(\$10,000)	\$19,336

**The Texas A&M University System
Service Department Activities
Budget for Fiscal Year Ending: August 31, 2021**

Texas A&M University - Kingsville

Account And Desc	Beginning Balance	Revenue Budget	Expense Budget	Net Operating	Transfers	Ending Balance
299980 - Local Lump Sum Vac Service Dept	\$0	\$110,000	\$110,000	\$0	\$0	\$0
299981 - Auxiliary Overhead Assessment	\$0	\$365,000	\$365,000	\$0	\$0	\$0
299983 - Service Department-Its Salaries	\$0	\$83,583	\$83,583	\$0	\$0	\$0
299986 - Ssc Contract	\$0	\$6,000,000	\$6,000,000	\$0	\$0	\$0
299989 - Service Department -Upd	\$0	\$55,000	\$55,000	\$0	\$0	\$0
299992 - Service Department - Post Office	\$0	\$40,000	\$40,000	\$0	\$0	\$0
299999 - Service Department - Uci	\$0	\$50,000	\$50,000	\$0	\$0	\$0
Texas A&M University - Kingsville	\$0	\$6,703,583	\$6,703,583	\$0	\$0	\$0

Revenue	Sales And Services	\$6,703,583

Expense	Salaries - Non-Faculty	\$334,999
	Wages	\$100,000
	Benefits	\$173,584
	Operations And Maintenance	\$6,095,000

Texas A&M University - Kingsville	\$0	\$6,703,583	\$6,703,583	\$0	\$0	\$0

**The Texas A&M University System
Service Department Activities
Budget for Fiscal Year Ending: August 31, 2021**

Texas A&M University - San Antonio

Account And Desc	Beginning Balance	Revenue Budget	Expense Budget	Net Operating	Transfers	Ending Balance
270000 - Unemployment Compensation-Srv Dept	\$0	\$16,148	\$16,148	\$0	\$0	\$0
270100 - Lump Sum Termination-Srv Dept	\$0	\$42,579	\$42,579	\$0	\$0	\$0
Texas A&M University - San Antonio	\$0	\$58,727	\$58,727	\$0	\$0	\$0

Revenue	Sales And Services	\$58,727

Expense	Wages	\$39,553
	Benefits	\$19,174

Texas A&M University - San Antonio	\$0	\$58,727	\$58,727	\$0	\$0	\$0

**The Texas A&M University System
Service Department Activities
Budget for Fiscal Year Ending: August 31, 2021**

Texas A&M University - Texarkana

Account And Desc	Beginning Balance	Revenue Budget	Expense Budget	Net Operating	Transfers	Ending Balance
270200 - Postage Service Center	\$0	\$31,500	\$31,500	\$0	\$0	\$0
270400 - Transportation	\$0	\$500	\$500	\$0	\$0	\$0
270501 - Unemployemnt Comp Ins-Service Cntr	\$0	\$16,800	\$16,800	\$0	\$0	\$0
270600 - Internal Printing	\$0	\$22,000	\$22,000	\$0	\$0	\$0
Texas A&M University - Texarkana	\$0	\$70,800	\$70,800	\$0	\$0	\$0

Revenue	Sales And Services	\$70,800

Expense	Benefits	\$16,800
	Operations And Maintenance	\$54,000

Texas A&M University - Texarkana	\$0	\$70,800	\$70,800	\$0	\$0	\$0

**The Texas A&M University System
Service Department Activities
Budget for Fiscal Year Ending: August 31, 2021**

West Texas A&M University

Account And Desc	Beginning Balance	Revenue Budget	Expense Budget	Net Operating	Transfers	Ending Balance
270001 - Goldcard Mnt & Capital Accrual	\$0	\$133,000	\$133,000	\$0	\$0	\$0
270002 - Print Shop	\$0	\$230,000	\$230,000	\$0	\$0	\$0
270003 - Central Supply	\$0	\$130,000	\$130,000	\$0	\$0	\$0
270004 - Telecom Services	\$0	\$506,561	\$506,561	\$0	\$0	\$0
270007 - Postage	\$0	\$220,000	\$220,000	\$0	\$0	\$0
270009 - Media Supply	\$0	\$24,294	\$24,293	\$1	\$0	\$1
270011 - Local Uci Expense	\$0	\$18,000	\$18,000	\$0	\$0	\$0
270014 - Network Services	\$0	\$364,399	\$364,399	\$0	\$0	\$0
270016 - Pc Support	\$0	\$159,491	\$159,491	\$0	\$0	\$0
270018 - Tele Long Distance Svc	\$0	\$180,000	\$180,000	\$0	\$0	\$0
270057 - Lump Sum Termination Reserve	\$0	\$240,000	\$240,000	\$0	\$0	\$0
West Texas A&M University	\$0	\$2,205,745	\$2,205,744	\$1	\$0	\$1

Revenue	Sales And Services	\$2,205,745

Expense	Salaries - Non-Faculty	\$742,410
	Benefits	\$161,559
	Operations And Maintenance	\$1,217,090
	Equipment (Capitalized)	\$84,685

West Texas A&M University	\$0	\$2,205,745	\$2,205,744	\$1	\$0	\$1

The Texas A&M University System
Service Department Activities
Budget for Fiscal Year Ending: August 31, 2021

Texas A&M AgriLife Research

Account And Desc	Beginning Balance	Revenue Budget	Expense Budget	Net Operating	Transfers	Ending Balance
270024 - Uvalde-Efs-Equip/Facilities Service	\$2,500	\$1,000	\$0	\$1,000	\$0	\$3,500
270025 - Uvalde-Lcs-Land & Crop Service Ctr	\$500	\$5,000	\$3,250	\$1,750	\$0	\$2,250
270030 - Unemployment Comp Ins Reserve-Local	\$50,000	\$150,000	\$185,000	(\$35,000)	\$0	\$15,000
270060 - Accrued Compensable Leave-Lump Sum	\$0	\$477,000	\$472,000	\$5,000	\$0	\$5,000
270080 - Ipgeb - Borlaug Growth Chambers	\$0	\$2,000	\$2,000	\$0	\$0	\$0
270081 - Plpm-Synthetic/Systems Biol Inn Hub	\$0	\$2,000	\$2,000	\$0	\$0	\$0
270082 - Geno - Genomics Sequencing Lab	\$0	\$10,000	\$5,000	\$5,000	\$0	\$5,000
292069 - Livestock Revolving	\$70,000	\$50,000	\$77,000	(\$27,000)	\$0	\$43,000
293027 - Farm Services Budget	\$100,000	\$250,000	\$192,100	\$57,900	\$0	\$157,900
293068 - Bio & Bio Stockroom Budget	\$0	\$300,000	\$297,000	\$3,000	\$0	\$3,000
Texas A&M AgriLife Research	\$223,000	\$1,247,000	\$1,235,350	\$11,650	\$0	\$234,650

Revenue	Sales And Services	\$1,247,000

Expense	Salaries - Non-Faculty	\$147,500
	Wages	\$515,600
	Benefits	\$243,000
	Operations And Maintenance	\$329,250

Texas A&M AgriLife Research	\$223,000	\$1,247,000	\$1,235,350	\$11,650	\$0	\$234,650

**The Texas A&M University System
Service Department Activities
Budget for Fiscal Year Ending: August 31, 2021**

Texas A&M AgriLife Extension Service

Account And Desc	Beginning Balance	Revenue Budget	Expense Budget	Net Operating	Transfers	Ending Balance
210440 - Fleet Service Center	\$155,000	\$960,998	\$896,916	\$64,082	\$0	\$219,082
210445 - Fleet - Vehicle Reserve	\$390,000	\$0	\$0	\$0	\$0	\$390,000
211000 - Uci Reserve - Local Funds	\$80,000	\$64,000	\$70,000	(\$6,000)	\$0	\$74,000
211005 - Service Center - Lump Sum Payments	\$30,000	\$199,890	\$211,712	(\$11,822)	\$0	\$18,178
257440 - Computer Service Center	\$0	\$1,359,930	\$1,311,758	\$48,172	\$0	\$48,172
Texas A&M AgriLife Extension Service	\$655,000	\$2,584,818	\$2,490,386	\$94,432	\$0	\$749,432

Revenue	Other Operating Income	\$50,000
	Sales And Services	\$2,534,818

Expense	Salaries - Non-Faculty	\$87,591
	Wages	\$196,420
	Benefits	\$111,569
	Operations And Maintenance	\$2,094,806

Texas A&M AgriLife Extension Service	\$655,000	\$2,584,818	\$2,490,386	\$94,432	\$0	\$749,432

**The Texas A&M University System
Service Department Activities
Budget for Fiscal Year Ending: August 31, 2021**

Texas A&M Forest Service

Account And Desc	Beginning Balance	Revenue Budget	Expense Budget	Net Operating	Transfers	Ending Balance
270011 - Fleet Leasing & Sales	\$0	\$300	\$300	\$0	\$0	\$0
270021 - Information Resources Service Dept	\$0	\$669,329	\$669,329	\$0	\$0	\$0
270110 - Uci Local Reserve	\$0	\$6,600	\$6,600	\$0	\$0	\$0
270120 - Lump Sum Payments Reserve	\$0	\$16,000	\$16,000	\$0	\$0	\$0
271002 - Equip Repairs/Replacement-Frd	\$415,000	\$0	\$415,000	(\$415,000)	\$0	\$0
280013 - Wildfire Cache Svc Dept	\$0	\$100,000	\$100,000	\$0	\$0	\$0
280022 - Tfs Catering Service Department	\$0	\$2,500	\$2,500	\$0	\$0	\$0
Texas A&M Forest Service	\$415,000	\$794,729	\$1,209,729	(\$415,000)	\$0	\$0

Revenue	Sales And Services	\$794,729

Expense	Salaries - Non-Faculty	\$441,500
	Benefits	\$141,594
	Operations And Maintenance	\$211,635
	Equipment (Capitalized)	\$415,000
	Budget - Begin Balance	\$0

Texas A&M Forest Service	\$415,000	\$794,729	\$1,209,729	(\$415,000)	\$0	\$0

**The Texas A&M University System
Service Department Activities
Budget for Fiscal Year Ending: August 31, 2021**

Texas A&M Veterinary Medical Diagnostic Laboratory

Account And Desc	Beginning Balance	Revenue Budget	Expense Budget	Net Operating	Transfers	Ending Balance
295020 - Uci Reserve - Ps	\$0	\$5,400	\$5,400	\$0	\$0	\$0
295050 - Lump Sum Termination Reserve-Nonfac	\$0	\$84,025	\$84,025	\$0	\$0	\$0
Texas A&M Veterinary Medical Diagnostic Laborat	\$0	\$89,425	\$89,425	\$0	\$0	\$0

Revenue	Sales And Services	\$89,425

Expense	Benefits	\$89,425

Texas A&M Veterinary Medical Diagnostic Laboratory	\$0	\$89,425	\$89,425	\$0	\$0	\$0

The Texas A&M University System
Service Department Activities
Budget for Fiscal Year Ending: August 31, 2021

Texas A&M Engineering Experiment Station

Account And Desc	Beginning Balance	Revenue Budget	Expense Budget	Net Operating	Transfers	Ending Balance
270000 - Wind Tunnel-Internal Research Servi	\$0	\$61,915	\$61,915	\$0	\$0	\$0
270060 - Cleanroom Operating Account	\$0	\$38,500	\$38,500	\$0	\$0	\$0
270230 - Nsc Services-Internal	\$0	\$68,751	\$68,751	\$0	\$0	\$0
270250 - Tees Vehicles	\$0	\$11,000	\$11,000	\$0	\$0	\$0
270320 - Materials & Mechanics Lab-Internal	\$0	\$27,500	\$27,500	\$0	\$0	\$0
270360 - Coastal Engr Lab	\$0	\$27,500	\$27,500	\$0	\$0	\$0
270430 - Materials Char X-Ray Diff (New)	\$0	\$22,000	\$22,000	\$0	\$0	\$0
270460 - High Bay Lab - Internal	\$0	\$55,000	\$55,000	\$0	\$0	\$0
270740 - Uci Assessments	\$0	\$30,000	\$30,000	\$0	\$0	\$0
270760 - Material Char & Manuf Labs-Internal	\$0	\$40,000	\$40,000	\$0	\$0	\$0
270910 - Nal Services - Internal	\$0	\$110,000	\$110,000	\$0	\$0	\$0
270930 - Hr Services	\$0	\$100,000	\$100,000	\$0	\$0	\$0
270940 - Biomaterials Analysis Lab Serv-Int	\$0	\$38,500	\$38,500	\$0	\$0	\$0
270970 - Acim Lab-Internal	\$0	\$10,450	\$10,450	\$0	\$0	\$0
271100 - Qatar Allowances	\$0	\$2,650,000	\$2,650,000	\$0	\$0	\$0
271130 - Lump Sum Acap Reserve - Local	\$0	\$522,500	\$522,500	\$0	\$0	\$0

**The Texas A&M University System
Service Department Activities
Budget for Fiscal Year Ending: August 31, 2021**

Account And Desc	Beginning Balance	Revenue Budget	Expense Budget	Net Operating	Transfers	Ending Balance
271140 - Qatar Admin Effort	\$0	\$398,491	\$398,491	\$0	\$0	\$0
271390 - Ecae Processing (Internal)	\$0	\$20,000	\$20,000	\$0	\$0	\$0
271440 - Soft Matter Facility (Internal)	\$0	\$30,000	\$30,000	\$0	\$0	\$0
Texas A&M Engineering Experiment Station	\$0	\$4,262,107	\$4,262,107	\$0	\$0	\$0

Revenue	Sales And Services	\$4,262,107

Expense	Salaries - Faculty	\$70,247
	Salaries - Non-Faculty	\$186,477
	Wages	\$873,960
	Benefits	\$141,733
	Operations And Maintenance	\$2,959,990
	Equipment (Capitalized)	\$29,700

Texas A&M Engineering Experiment Station	\$0	\$4,262,107	\$4,262,107	\$0	\$0	\$0

**The Texas A&M University System
Service Department Activities
Budget for Fiscal Year Ending: August 31, 2021**

Texas A&M Engineering Extension Service

Account And Desc	Beginning Balance	Revenue Budget	Expense Budget	Net Operating	Transfers	Ending Balance
230100 - Digital Printing Services	\$165,779	\$2,100,366	\$2,100,366	\$0	\$0	\$165,779
232100 - Unemployment Comp Ins	\$535,000	\$40,000	\$7,500	\$32,500	\$0	\$567,500
237100 - Curriculum	\$157,000	\$1,067,535	\$1,152,021	(\$84,486)	\$0	\$72,514
238100 - Professional Development	\$338,391	\$245,065	\$98,565	\$146,500	\$0	\$484,891
239100 - Business Marketing	\$38,628	\$1,367,822	\$1,391,639	(\$23,817)	\$0	\$14,811
240100 - Vehicle Operations	\$1,954,055	\$640,802	\$448,144	\$192,658	\$0	\$2,146,713
259100 - Infrastructure	\$19,087,208	\$3,540,578	\$201,500	\$3,339,078	(\$1,238,204)	\$21,188,082
260100 - Maintenance	\$4,596	\$4,661,966	\$4,661,430	\$536	\$0	\$5,132
268100 - Equipment Use Charge	\$3,494,461	\$2,522,352	\$703,022	\$1,819,330	\$0	\$5,313,791
281100 - Lump Sum Leave Pay	\$1,000,000	\$300,000	\$330,000	(\$30,000)	\$0	\$970,000
Texas A&M Engineering Extension Service	\$26,775,118	\$16,486,486	\$11,094,187	\$5,392,299	(\$1,238,204)	\$30,929,213

Revenue	Sales And Services	\$16,486,486

Expense	Salaries - Non-Faculty	\$3,964,498
	Wages	\$805,713
	Benefits	\$1,124,605
	Operations And Maintenance	\$5,199,371

Texas A&M Engineering Extension Service	\$26,775,118	\$16,486,486	\$11,094,187	\$5,392,299	(\$1,238,204)	\$30,929,213

The Texas A&M University System
Service Department Activities
Budget for Fiscal Year Ending: August 31, 2021

Texas A&M Transportation Institute

Account And Desc	Beginning Balance	Revenue Budget	Expense Budget	Net Operating	Transfers	Ending Balance
270199 - Budget-027010 Motor Vehicles	\$250,000	\$200,000	\$200,000	\$0	\$0	\$250,000
270299 - Budget-027020 Computer Operations	\$10,000	\$2,117,604	\$2,117,604	\$0	\$0	\$10,000
270399 - Budget-027030 Research Equip & Test	\$50,000	\$635,659	\$635,659	\$0	\$0	\$50,000
270499 - Budget-027040 Supplies & Services	\$21,280	\$291,522	\$291,522	\$0	\$0	\$21,280
270599 - Budget-027050 Visual Media	\$25,000	\$595,347	\$595,347	\$0	\$0	\$25,000
270699 - Budget-027060 Proving Grounds	\$1,150,000	\$2,675,547	\$2,675,547	\$0	\$0	\$1,150,000
279099 - Budget-027900 Uci Reserve	\$320,000	\$10,000	\$10,000	\$0	\$0	\$320,000
279999 - Budget-027995 Lump Sum Reserve	\$2,500	\$339,000	\$339,000	\$0	\$0	\$2,500
Texas A&M Transportation Institute	\$1,828,780	\$6,864,679	\$6,864,679	\$0	\$0	\$1,828,780

Revenue	Sales And Services	\$6,864,679

Expense	Salaries - Faculty	\$83,460
	Salaries - Non-Faculty	\$2,795,876
	Wages	\$435,000
	Benefits	\$933,000
	Operations And Maintenance	\$2,097,343
	Equipment (Capitalized)	\$520,000

Texas A&M Transportation Institute	\$1,828,780	\$6,864,679	\$6,864,679	\$0	\$0	\$1,828,780

The Texas A&M University System
Service Department Activities
Budget for Fiscal Year Ending: August 31, 2021

Texas A&M System Offices

Account And Desc	Beginning Balance	Revenue Budget	Expense Budget	Net Operating	Transfers	Ending Balance
250050 - Group Health/Dental Esr	\$86,617,000	\$0	\$0	\$0	(\$11,934,148)	\$74,682,852
250070 - Flexible Spending Account	\$462,000	\$0	\$155,000	(\$155,000)	\$0	\$307,000
250090 - Basic Life Reserve	\$2,085,000	\$0	\$4,000	(\$4,000)	\$0	\$2,081,000
250100 - Optional/Dependent Life Reserve	\$568,300	\$0	\$60,000	(\$60,000)	\$0	\$508,300
250150 - System-Wide Value Added Programs	\$0	\$0	\$3,643,320	(\$3,643,320)	\$3,643,320	\$0
260040 - Tamus - Self Insured Health/Dental	\$0	\$335,584,682	\$346,084,682	(\$10,500,000)	\$10,500,000	\$0
260100 - Lump Sum Payment Reserve	\$250,000	\$180,000	\$0	\$180,000	\$0	\$430,000
260500 - Health Plan Administration	\$0	\$0	\$1,028,792	(\$1,028,792)	\$1,028,792	\$0
261010 - Worker's Compensation Insurance	\$4,000,000	\$4,300,000	\$2,500,000	\$1,800,000	(\$1,509,376)	\$4,290,624
261030 - Rms Administration	\$0	\$0	\$1,666,710	(\$1,666,710)	\$1,666,710	\$0
261200 - Property Insurance	\$4,000,000	\$10,500,000	\$8,800,000	\$1,700,000	(\$1,127,970)	\$4,572,030
261300 - Auto Insurance	\$2,000,000	\$350,000	\$350,000	\$0	(\$80,000)	\$1,920,000
261400 - Malpractice Insurance	\$1,600,000	\$0	\$1,000	(\$1,000)	\$0	\$1,599,000
270010 - System Aircraft	\$0	\$200,000	\$1,022,551	(\$822,551)	\$822,551	\$0
271001 - Sago Services - Revenues	\$2,500,000	\$9,788,290	\$0	\$9,788,290	(\$10,992,497)	\$1,295,793
271010 - Administrative Oversight Account	\$0	\$0	\$119,000	(\$119,000)	\$119,000	\$0
271030 - Famis Services	\$0	\$0	\$194,781	(\$194,781)	\$194,781	\$0
271050 - Human Resources Administration	\$0	\$0	\$18,439	(\$18,439)	\$18,439	\$0
271060 - Chancellor's Salary	\$0	\$0	\$1,012,583	(\$1,012,583)	\$1,012,583	\$0
271070 - Executive Vice Chancellor & Cfo	\$0	\$0	\$194,368	(\$194,368)	\$194,368	\$0
271080 - Treasury Services	\$0	\$0	\$412,605	(\$412,605)	\$412,605	\$0
271100 - System Internal Audit	\$0	\$0	\$3,983,225	(\$3,983,225)	\$3,983,225	\$0
271160 - Federal Relations	\$0	\$0	\$136,166	(\$136,166)	\$136,166	\$0
271180 - Building Operations - Local	\$0	\$0	\$179,040	(\$179,040)	\$179,040	\$0
271200 - System Enterprise Applications	\$0	\$0	\$2,083,639	(\$2,083,639)	\$2,083,639	\$0
271260 - Services-Information Technology	\$0	\$0	\$66,442	(\$66,442)	\$66,442	\$0
271270 - Svcs-Research Office	\$0	\$0	\$31,350	(\$31,350)	\$31,350	\$0
271300 - System Ethics & Compl Off - Assess	\$0	\$0	\$179,055	(\$179,055)	\$179,055	\$0
271400 - Services - Board Of Regents	\$0	\$0	\$100,000	(\$100,000)	\$100,000	\$0
271440 - Svcs - Academic Affairs	\$0	\$0	\$121,401	(\$121,401)	\$121,401	\$0
271470 - Services - State Relations	\$0	\$0	\$25,000	(\$25,000)	\$25,000	\$0
271510 - Svcs - Chanc Student Advisory Board	\$0	\$0	\$2,000	(\$2,000)	\$2,000	\$0

The Texas A&M University System
Service Department Activities
Budget for Fiscal Year Ending: August 31, 2021

Account And Desc	Beginning Balance	Revenue Budget	Expense Budget	Net Operating	Transfers	Ending Balance
271560 - Services - Sys Ofce Of Mrktg & Comm	\$0	\$0	\$122,951	(\$122,951)	\$122,951	\$0
271690 - Budgets & Accounting	\$0	\$0	\$1,966,892	(\$1,966,892)	\$1,966,892	\$0
271730 - Business Affairs	\$0	\$0	\$3,000	(\$3,000)	\$3,000	\$0
271740 - Hub & Procurement Services	\$0	\$0	\$2,000	(\$2,000)	\$2,000	\$0
271780 - Business Computing Services-Local	\$0	\$0	\$56,928	(\$56,928)	\$56,928	\$0
271800 - Vice Chan For Disaster & Emerg Svc	\$0	\$0	\$10,000	(\$10,000)	\$10,000	\$0
271990 - Merit Increases - Assessments	\$0	\$0	\$285,000	(\$285,000)	\$285,000	\$0
271995 - Information Security Officer	\$0	\$0	\$10,000	(\$10,000)	\$10,000	\$0
272010 - System Initiatives - Local	\$0	\$0	\$1,197,000	(\$1,197,000)	\$1,197,000	\$0
273001 - Facilities Planning & Construction	\$17,500,000	\$11,529,417	\$6,864,049	\$4,665,368	(\$531,818)	\$21,633,550
Texas A&M System Offices	\$121,582,300	\$372,432,389	\$384,692,969	(\$12,260,580)	\$3,998,429	\$113,320,149

Revenue	Other Operating Income	\$335,195,745
	Sales And Services	\$37,236,644

Expense	Salaries - Non-Faculty	\$14,752,593
	Wages	\$268,222
	Benefits	\$3,811,667
	Utilities	\$5,000
	Operations And Maintenance	\$22,363,807
	Claims And Losses	\$343,471,680
	Equipment (Capitalized)	\$20,000

Texas A&M System Offices	\$121,582,300	\$372,432,389	\$384,692,969	(\$12,260,580)	\$3,998,429	\$113,320,149

The Texas A&M University System
Service Department Activities
Budget for Fiscal Year Ending: August 31, 2021

Texas A&M Shared Services

Account And Desc	Beginning Balance	Revenue Budget	Expense Budget	Net Operating	Transfers	Ending Balance
261000 - Risk Transfer Policy Mgt Personnel	\$0	\$0	\$81,000	(\$81,000)	\$81,000	\$0
261200 - Benefits Partner	\$0	\$0	\$70,601	(\$70,601)	\$70,601	\$0
271780 - Hcm Administration	\$0	\$2,971,000	\$2,971,000	\$0	\$0	\$0
271781 - Workday Services - Tech	\$0	\$557,400	\$557,400	\$0	\$0	\$0
271782 - Program And Project Management	\$0	\$212,600	\$212,600	\$0	\$0	\$0
272001 - Security Operations Center-Assmnts	\$1,000,000	\$3,230,000	\$4,230,000	(\$1,000,000)	\$0	\$0
272100 - Secure Collaboration Storage	\$0	\$996,918	\$996,918	\$0	\$0	\$0
272200 - Research Security Officer	\$0	\$1,900,000	\$1,900,000	\$0	\$0	\$0
272300 - Finance Discovery	\$0	\$500,000	\$500,000	\$0	\$0	\$0
272400 - Eir Accessibility	\$0	\$124,550	\$124,550	\$0	\$0	\$0
273001 - Hr Shared Services	\$0	\$165,000	\$165,000	\$0	\$0	\$0
277200 - Rellis - Campus Operations	\$0	\$2,000,000	\$2,000,000	\$0	\$0	\$0
278000 - Ttc-Operating-Account-Income-Local	\$0	\$1,400,100	\$1,400,100	\$0	\$0	\$0
Texas A&M Shared Services	\$1,000,000	\$14,057,568	\$15,209,169	(\$1,151,601)	\$151,601	\$0

Revenue	Sales And Services	\$14,057,568

Expense	Salaries - Non-Faculty	\$7,039,585
	Wages	\$22,088
	Benefits	\$1,676,236
	Utilities	\$210,406
	Operations And Maintenance	\$6,160,854
	Equipment (Capitalized)	\$100,000
	Budget - Begin Balance	\$0

Texas A&M Shared Services	\$1,000,000	\$14,057,568	\$15,209,169	(\$1,151,601)	\$151,601	\$0

Agenda Item No. 1.2

AGENDA ITEM BRIEFING

Submitted by: Billy Hamilton, Deputy Chancellor and Chief Financial Officer
The Texas A&M University System

Subject: Approval of Fiscal Year 2021 Operating Budgets

Proposed Board Action:

Approve the fiscal year 2021 operating budgets recommended by the Chief Executive Officers (CEO) of The Texas A&M University System (A&M System).

Background Information:

The presidents of the academic universities, the Vice Chancellor for Agriculture and Life Sciences, the Vice Chancellor of Engineering and National Laboratories, and the chancellor of the A&M System have submitted budget recommendations for the fiscal year ending August 31, 2021.

Financial reviews of the proposed FY 2021 operating budgets have been performed by the System Office of Budgets and Accounting staff. Based on these reviews, an executive summary of the detailed operating budgets for the A&M System has been provided to each member of the Board for review. In addition, programmatic budget reviews were held on August 4th which allowed each CEO an opportunity to present an overview of their programmatic and financial direction of their institution/agency.

All funds budgeted for faculty and/or staff retention plans will be set aside in a reserve pending the Chancellor's approval to proceed. A final decision regarding the use of such funds will be made after sufficient additional information becomes available regarding the overall financial impact related to the COVID-19 pandemic, fall 2020 enrollment, and the economic outlook of the upcoming biennium.

A&M System Funding or Other Financial Implications:

Approval of the FY 2021 operating budgets will appropriate approximately \$6.2 billion.

Strategic Plan Imperative(s) this Item Advances:

This agenda item is relevant to the advancement of all the imperatives of the Strategic Plan.

THE TEXAS A&M UNIVERSITY SYSTEM
Office of the Deputy Chancellor and Chief Financial Officer
August 12, 2020

Members, Board of Regents
The Texas A&M University System

Subject: Approval of Fiscal Year 2021 Operating Budgets

I recommend adoption of the following minute order:

“The operating budgets, included in the exhibit, as submitted by the members of The Texas A&M University System for the fiscal year ending August 31, 2021, are hereby approved and adopted subject to the provisions contained in System Policy 27.04, *Budget Authorizations, Limitations and Delegations of Authority*. All funds budgeted for faculty and/or staff retention plans will be set aside in a reserve pending the Chancellor’s approval to proceed. A final decision regarding the use of such funds will be made after sufficient additional information becomes available regarding the overall financial impact related to the COVID-19 pandemic, fall 2020 enrollment, and the economic outlook of the upcoming biennium.

The Board of Regents of The Texas A&M University System (Board) reasonably expects to incur debt in one or more obligations for this project, and all or a portion of the proceeds received from the sale of such obligations is reasonably expected to be used to reimburse the account(s) for amounts previously appropriated and/or expended from such account(s).

As required by Section 5(a) of the Master Resolution of the Revenue Financing System, the Board hereby determines that it will have sufficient funds to meet the financial obligations of The Texas A&M University System, including sufficient Pledged Revenues to satisfy the Annual Debt Service Requirements of the Revenue Financing System and to meet all financial obligations of the Board relating to the Revenue Financing System and that the Participants, on whose behalf the debt is issued, possess the financial capacity to satisfy their Direct Obligations.”

Respectfully submitted,

[ORIGINAL SIGNED BY]

Billy Hamilton
Deputy Chancellor and
Chief Financial Officer

Approval Recommended:

[ORIGINAL SIGNED BY]

John Sharp
Chancellor

Approved for Legal Sufficiency:

[ORIGINAL SIGNED BY]

Ray Bonilla
General Counsel



The Texas A&M University System
FY 2021 Operating Budgets
(In Thousands)

ITEM 1.2
EXHIBIT

Member	FY 2021 Budget
Prairie View A&M University	\$ 251,239
Tarleton State University	\$ 219,545
Texas A&M International University	\$ 124,794
Texas A&M University	\$ 2,023,971
Texas A&M University at Galveston	\$ 67,485
Texas A&M Health Science Center	\$ 346,581
Texas A&M University - Central Texas	\$ 38,507
Texas A&M University - Commerce	\$ 190,715
Texas A&M University - Corpus Christi	\$ 238,725
Texas A&M University - Kingsville	\$ 164,067
Texas A&M University - San Antonio	\$ 92,102
Texas A&M University - Texarkana	\$ 50,247
West Texas A&M University	\$ 172,402
ACADEMIC SUBTOTAL	\$ 3,980,380
Texas A&M AgriLife Research	201,415
Texas A&M AgriLife Extension Service	136,018
Texas A&M Forest Service	71,203
Texas A&M Veterinary Medical Diagnostic Lab	23,507
Texas A&M Engineering Experiment Station	170,819
Texas A&M Engineering Extension Service	93,548
Texas A&M Transportation Institute	72,727
Texas Division of Emergency Management	1,266,633
AGENCY SUBTOTAL	\$ 2,035,868
System Offices	
Operations and Debt Service	210,741
Texas A&M Shared Services	4,024
The Texas A&M University System	\$ 6,231,014

Agenda Item No. 1.3

AGENDA ITEM BRIEFING

Submitted by: Maria L. Robinson, Chief Investment Officer and Treasurer
The Texas A&M University System

Subject: Adoption of a Resolution Authorizing the Issuance of the Board of Regents of
The Texas A&M University System Permanent University Fund Bonds

Proposed Board Action:

Adopt a resolution authorizing the issuance of Permanent University Fund Bonds.

Background Information:

The resolution provides the authority for the issuance of one or more series of Permanent University Fund Bonds to convert all or a portion of commercial paper to long-term bonds; to provide funds for construction, renovation and other projects; to refund previously issued bonds; and to pay the costs of issuing the bonds. The authority in the amount of \$696 million (including issuance costs) will be for the period from September 1, 2020 to August 31, 2021.

Bonds will be issued only for those projects approved by the Board of Regents and are estimated at \$243 million. Previously issued bonds which are candidates for refunding total approximately \$451 million; however, only those bonds that meet savings targets will be included in a refunding issue.

A&M System Funding or Other Financial Implications:

Debt service for Permanent University Fund Bonds will be funded with the Available University Fund.

Strategic Plan Imperative(s) this Item Advances:

This item advances Strategic Plan Imperative 6, which provides that “The A&M System, in adhering to the high standard of excellence and growth required in this strategic plan, will display prudent financial stewardship and sustainability.”

Agenda Item No. 1.3

THE TEXAS A&M UNIVERSITY SYSTEM
Office of the Chief Investment Officer and Treasurer
July 13, 2020

Members, Board of Regents
The Texas A&M University System

Subject: Adoption of a Resolution Authorizing the Issuance of the Board of Regents of The
Texas A&M University System Permanent University Fund Bonds

I recommend adoption of the following minute order:

“The resolution authorizing the issuance of the Board of Regents of The Texas A&M University System Permanent University Fund Bonds, substantially in the form of the attached exhibit, is adopted. The chief investment officer and treasurer, or other designated financial officer, is hereby authorized to take such actions as are necessary to accomplish the purposes of the resolution, including those relating to the issuance, sale, security and delivery of the bonds, all in accordance with the provisions of the resolution.”

Respectfully submitted,

[ORIGINAL SIGNED BY]

Maria L. Robinson
Chief Investment Officer and Treasurer

Approval Recommended:

[ORIGINAL SIGNED BY]

John Sharp
Chancellor

Approved for Legal Sufficiency:

[ORIGINAL SIGNED BY]

Ray Bonilla
General Counsel

[ORIGINAL SIGNED BY]

Billy Hamilton
Deputy Chancellor and
Chief Financial Officer

ITEM 1.3
EXHIBIT

A RESOLUTION AUTHORIZING THE ISSUANCE, SALE, AND DELIVERY OF BOARD OF REGENTS OF THE TEXAS A&M UNIVERSITY SYSTEM PERMANENT UNIVERSITY FUND BONDS IN THE MAXIMUM AGGREGATE PRINCIPAL AMOUNT OF \$696 MILLION, PLEDGING REVENUES FOR THE PAYMENT THEREOF, AND APPROVING AND AUTHORIZING INSTRUMENTS AND PROCEDURES RELATING THERETO

Adopted August 20, 2020

TABLE OF CONTENTS

	<u>Page</u>
SECTION 1. AUTHORIZATION AND FINDINGS	2
SECTION 2. DATE, DENOMINATIONS, NUMBERS, MATURITIES OF AND INTEREST ON THE BONDS	3
SECTION 3. RIGHT OF OPTIONAL REDEMPTION.....	5
SECTION 4. CHARACTERISTICS OF THE BONDS.....	5
SECTION 5. FORMS	6
SECTION 6. DEFINITIONS	7
SECTION 7. PLEDGE	12
SECTION 8. PERFECTION OF SECURITY	12
SECTION 9. PAYMENT OF BONDS AND ADDITIONAL PARITY OBLIGATIONS.....	12
SECTION 10. DISPOSITION OF FUNDS	13
SECTION 11. INVESTMENTS	13
SECTION 12. ADDITIONAL OBLIGATIONS	13
SECTION 13. GENERAL COVENANTS.....	14
SECTION 14. BOOK-ENTRY-ONLY SYSTEM.....	16
SECTION 15. AMENDMENT OF RESOLUTION	17
SECTION 16. DAMAGED, MUTILATED, LOST, STOLEN, OR DESTROYED BONDS.....	18
SECTION 17. DEFEASANCE OF BONDS	19
SECTION 18. CONTINUING DISCLOSURE	20
SECTION 19. PROVISIONS CONCERNING FEDERAL INCOME TAX EXCLUSION.....	23
SECTION 20. SALE OF THE BONDS	26
SECTION 21. PROCEEDS OF SALE.....	27
SECTION 22. APPROVAL OF OFFICIAL STATEMENT	27
SECTION 23. REFUNDING AND REDEMPTION OF REFUNDED OBLIGATIONS; ESCROW AGREEMENT.....	27
SECTION 24. AGREEMENTS AUTHORIZED.....	29
SECTION 25. PARTIES INTERESTED HEREIN.....	29
SECTION 26. REMEDIES	29
SECTION 27. INDIVIDUALS NOT LIABLE	29

SECTION 28. EXECUTION, CUSTODY, APPROVAL, AND REGISTRATION OF BONDS; BOND COUNSEL’S OPINION; AND CUSIP NUMBERS.....	30
SECTION 29. DTC LETTER OF REPRESENTATIONS	30
SECTION 30. APPROPRIATION OF FUNDS	30
SECTION 31. DEFEASANCE OF OUTSTANDING PARITY BONDS	30
SECTION 32. FURTHER PROCEDURES	31
SECTION 33. PUBLIC NOTICE.....	32
SECTION 34. NONPRESENTMENT OF BONDS	32
SECTION 35. INTERPRETATIONS	32
SECTION 36. SEVERABILITY	33
SECTION 37. RECITALS INCORPORATED	33
SECTION 38. IMMEDIATE EFFECT	33
 EXHIBIT A - FORM OF BONDS	

A RESOLUTION AUTHORIZING THE ISSUANCE, SALE, AND DELIVERY OF BOARD OF REGENTS OF THE TEXAS A&M UNIVERSITY SYSTEM PERMANENT UNIVERSITY FUND BONDS IN THE MAXIMUM AGGREGATE PRINCIPAL AMOUNT OF \$696 MILLION, PLEDGING REVENUES FOR THE PAYMENT THEREOF, AND APPROVING AND AUTHORIZING INSTRUMENTS AND PROCEDURES RELATING THERETO

WHEREAS, the Board of Regents (the "Board") of The Texas A&M University System (the "System") hereby determines to issue obligations pursuant to the provisions of Article VII, Section 18 of the Constitution of the State of Texas, as amended (the "Constitutional Provision"), Chapters 1207 and 1371, Texas Government Code, as amended, and other applicable laws (collectively, "Applicable Law") for the purposes hereinafter described; and

WHEREAS, the Constitutional Provision authorizes the Board to issue bonds and notes not to exceed a total amount of 10% of the cost value of investments and other assets of the Permanent University Fund (exclusive of real estate) at the time of issuance thereof, and to pledge all or any part of the Available University Fund Share (defined herein) to secure the payment of the principal and interest of those bonds and notes, for the purpose of acquiring land either with or without permanent improvements, constructing and equipping buildings or other permanent improvements, major repair and rehabilitation of buildings and other permanent improvements, acquiring capital equipment and library books and library materials, and refunding bonds or notes issued under such section or prior law, at or for the System's administration and certain component institutions and agencies of the System; and

WHEREAS, the Board has heretofore duly authorized, sold, and delivered certain outstanding obligations pursuant to the provisions of the Constitutional Provision, payable from, and secured by a first lien on and pledge of, the Available University Fund Share (such outstanding obligations, collectively, the "Outstanding Parity Bonds"), in the manner and to the extent provided in the respective resolutions authorizing the issuance of each of the Outstanding Parity Bonds (collectively, the "Parity Bond Resolutions"); and

WHEREAS, the Board has also heretofore duly authorized certain obligations pursuant to the provisions of the Constitutional Provision, payable from, and secured by a lien on and pledge of, the Available University Fund share that is junior and subordinate to the pledge of and lien on the Available University Fund Share that secures Parity Obligations (defined below) (such obligations, collectively, the "Subordinate Lien Obligations"); and

WHEREAS, the Parity Bond Resolutions reserved the right and power in the Board to issue, under certain conditions, Additional Parity Obligations (defined herein) for the purposes and to the extent provided in the Constitutional Provision and the Parity Bond Resolutions, said Additional Parity Obligations to be on a parity with the Outstanding Parity Bonds, and equally and ratably secured by and payable from a first lien on and pledge of the Available University Fund Share in the same manner and to the same extent as are the Outstanding Parity Bonds; and

WHEREAS, the Board deems it necessary and desirable to issue Additional Parity Obligations to (i) refund such of its outstanding Subordinate Lien Obligations as shall be specified

in the Award Certificate (defined herein) executed in accordance with the terms of this Resolution for the purposes of providing permanent financing for facilities and improvements financed with the proceeds of such refunded Subordinate Lien Obligations and of providing the Board with the ability to issue additional Subordinate Lien Obligations in the future as part of the System's continuing Subordinate Lien Obligations program; (ii) refund such of its Outstanding Parity Bonds as shall be specified in the Award Certificate executed in accordance with the terms of this Resolution, for the purpose of producing a net present value savings in accordance with the requirements of this Resolution; (iii) pay the Project Costs (as defined herein) of certain Eligible Projects (as defined herein); and (iv) pay costs of issuance of such Additional Parity Obligations; and

WHEREAS, the Bonds (defined herein) hereinafter authorized are to be issued and delivered as Additional Parity Obligations pursuant to the Parity Bond Resolutions and Applicable Law.

THEREFORE, BE IT RESOLVED BY THE BOARD OF REGENTS OF THE TEXAS A&M UNIVERSITY SYSTEM THAT:

SECTION 1. AUTHORIZATION AND FINDINGS.

(a) Bonds Authorized. The Board's bonds, designated as the "Board of Regents of The Texas A&M University System Permanent University Fund Bonds, Series ____" (the "Bonds"), are hereby authorized to be issued and delivered in one or more Series (defined herein) in the maximum aggregate principal amount of \$696 million (without regard to premium or discount affecting the sale price) for the purposes of (i) refunding the Refunded Notes (defined herein), (ii) refunding all or a portion of the Potential Refunded Bonds (defined herein), (iii) paying the Project Costs of certain Eligible Projects, and (iv) paying the costs of issuance relating to the Bonds. The Bonds shall be designated by the year in which they are awarded pursuant to Section 2(b) below; provided that for any Series of Bonds issued as Taxable Bonds (defined herein) the word "Taxable" shall be included in the designation of such Bonds before the word "Series."

(b) Refunding Purposes.

(i) The Board may issue Bonds to refund Refunded Obligations (defined herein) for the purpose of restructuring certain of its outstanding debt. Pursuant to Section 1207.008, Texas Government Code, as amended, the Board hereby finds that, because the Refunded Notes bear interest at variable rates, the amount of savings or loss as a result of the refunding of the Refunded Notes cannot be ascertained, and that issuing the Bonds to refund the Refunded Notes for the aforementioned purpose is in the best interest of the System.

(ii) The Board may issue Bonds to refund Refunded Bonds (defined herein) for the public purpose of producing a net present value savings expressed as a percentage of the principal amount of the Refunded Bonds, all in accordance with Section 2(b) of this Resolution.

(c) Type of Bonds. Each Series of Bonds herein authorized, unless otherwise indicated, shall be in the form of fixed rate bonds as either Current Interest Bonds (defined herein) or Capital Appreciation Bonds (defined herein).

SECTION 2. DATE, DENOMINATIONS, NUMBERS, MATURITIES OF AND INTEREST ON THE BONDS.

(a) Date, Denominations, and Numbers. The Bonds of each Series shall initially be issued, sold, and delivered hereunder as fully registered bonds, without interest coupons, in the form of (i) Taxable Bonds or Tax-Exempt Bonds (defined herein) and (ii) Current Interest Bonds or Capital Appreciation Bonds, numbered consecutively for each Series of Bonds from R-1 upward (or CR-1 upward, in the case of Capital Appreciation Bonds) (except the Initial Bond (defined herein) which shall be numbered T-1 for the Current Interest Bonds and TR-1 for the Capital Appreciation Bonds), payable to the initial purchaser of the Bonds (the "Initial Purchaser") specified by the Authorized Representative (defined herein) in the Award Certificate, or to the registered assignee or assignees of said Bonds or any portion or portions thereof (in each case, the "Registered Owner"), in Authorized Denominations (defined herein), maturing on the dates, in the years and in the principal amounts or Maturity Amounts (defined herein), respectively, and dated, all as set forth in the Award Certificate.

(b) Delegation of Board's Authority. As permitted by Applicable Law, the Authorized Representative is hereby authorized, appointed, and designated to act on behalf of the Board in selling and delivering the Bonds and carrying out other procedures specified in this Resolution, including determining and fixing (i) the date of the Bonds and the Issuance Date (defined herein) thereof; (ii) any additional or different designations or titles by which the Bonds shall be known, if any; (iii) the price at which the Bonds will be sold; (iv) the years in which the Bonds will mature; (v) the principal amount or Maturity Amount of the Bonds to mature in each of such years; (vi) the aggregate principal amount of the Bonds, including the aggregate principal amount of Current Interest Bonds and Capital Appreciation Bonds; (vii) the rate of interest to be borne by each such maturity, and whether the Bonds shall be Tax-Exempt Bonds or Taxable Bonds; (viii) the interest payment periods; (ix) the dates, prices, and terms upon and at which the Bonds shall be subject to redemption prior to Stated Maturity at the option of the Board, as well as mandatory redemption provisions, if any; (x) the designation of which Subordinate Lien Obligations shall constitute the Refunded Notes refunded by the Bonds; (xi) the designation of which Potential Refunded Bonds shall constitute the Refunded Bonds to be refunded by the Bonds; (xii) the Paying Agent/Registrar (defined herein) and Escrow Agent (defined herein), if applicable, with respect to the Bonds; (xiii) the Eligible Projects to be financed by any Series of Bonds; and (xiv) all other matters relating to the issuance, sale, and delivery of the Bonds and the refunding of the Refunded Obligations. All such determinations made by the Authorized Representative shall be specified in the Award Certificate delivered to the Executive Director, Board of Regents. Those determinations to be made by the Authorized Representative are limited, however, by the following: (i) the price to be paid for the Bonds shall not be less than 95% of the aggregate par amount thereof, plus any accrued interest thereon from their dated date to the Issuance Date; (ii) none of the Bonds shall bear interest at a rate greater than the maximum rate allowed by law; (iii) none of the Bonds shall mature more than 30 years from their respective dates in accordance with the Constitutional Provision; and (iv) the aggregate principal amount of the Bonds shall not exceed \$696 million (without regard to premium or discount affecting the sale price).

In addition, each Series of Bonds issued to refund Refunded Bonds must be sold on terms that produce a present value savings when the scheduled debt service payable on such Bonds during each Bond Year is subtracted from the scheduled debt service payable on the Refunded Bonds during the same Bond Year and the remainder is discounted to the scheduled date of delivery of the Bonds of such Series set forth in the Award Certificate at a discount factor equal to the yield on such Bonds determined in accordance with section 148 of the Code (defined herein). The amount of the savings to be realized from the refunding shall be set forth in the Award Certificate. The Award Certificate for each Series of Bonds that is issued to refund Refunded Bonds or Refunded Notes shall also identify the Refunded Bonds or Refunded Notes being refunded by that Series.

The Award Certificate shall also contain a determination that the total principal amount of all outstanding Permanent University Fund Obligations (defined herein), subsequent to the issuance of the Bonds of such Series, will not exceed 10% of the cost value of investments and other assets of the Permanent University Fund (exclusive of real estate) at the time the Bonds of such Series are issued.

It is further provided, however, that, notwithstanding the foregoing provisions, the Bonds shall not be delivered unless prior to delivery (i) the Award Certificate has been executed and delivered as required by this Resolution; (ii) the Bonds have been rated by a Nationally-Recognized Rating Agency (defined herein) in one of the four highest rating categories for long-term obligations, as required by Chapter 1371, Texas Government Code, as amended; (iii) the Authorized Representative, or some other financial officer of the System designated by the Board, executes a certificate meeting the requirements of, and to the extent required by, Section 12(a) of this Resolution; and (iv) if a Series of Bonds is being issued to pay Project Costs, the Authorized Representative, or some other financial officer of the System designated by the Board, executes a certificate to the effect that such Bonds are being issued to pay Project Costs for Eligible Projects and, attached to such certificate is a listing of the Eligible Projects expected to be financed, in whole or in part, by such Bonds; provided, however, that at some future date, the Board may substitute other Eligible Projects to be financed, in whole or in part, by such Bonds for the Eligible Projects listed on such certificate.

The Award Certificate is hereby incorporated in and made a part of this Resolution and shall be filed in the minutes of the Board as a part of this Resolution.

(c) Maturities and Interest Rates. The Bonds shall mature on July 1 in each of the years and in the amounts as specified in the Award Certificate.

The Current Interest Bonds of each Series of Bonds shall bear interest calculated on the basis of a 360-day year composed of twelve 30-day months from the dates specified in the Award Certificate to their respective dates of maturity at the rates set forth in the Award Certificate; provided that interest on any Taxable Bonds may be computed as determined by the Authorized Representative in the Award Certificate (i) on the basis of a 365- or 366-day year, as applicable for the number of days actually elapsed based upon the calendar year in which the interest rate period for such Bonds commences, (ii) on the basis of a 360-day year composed of twelve 30-day months, or (iii) as otherwise determined by the Authorized Representative to be necessary to achieve the most beneficial pricing terms for such Bonds.

The Capital Appreciation Bonds of each Series of Bonds shall bear interest from the Issuance Date for such Series of Bonds, calculated on the basis of a 360-day year composed of twelve 30-day months (subject to rounding to the Compounded Amounts (defined herein) thereof), compounded semiannually on the dates set forth in the Award Certificate (the "Compounding Dates") commencing on the date set forth in the Award Certificate, and payable, together with the principal amount thereof, in the manner provided in the FORM OF BONDS at the rates set forth in the Award Certificate. Attached to the Award Certificate, if Capital Appreciation Bonds are to be issued, shall be an Exhibit (the "Compounded Amount Table") which shall set forth the rounded original principal amounts at the Issuance Date for the Capital Appreciation Bonds and the Compounded Amounts and Maturity Amounts thereof (per \$5,000 Maturity Amount) as of each Compounding Date (defined herein), commencing on the date set forth in the Award Certificate, and continuing until the final maturity of such Capital Appreciation Bonds. The Compounded Amount with respect to any date other than a Compounding Date is the amount set forth on the Compounded Amount Table with respect to the last preceding Compounding Date, plus the portion of the difference between such amount and the amount set forth on the Compounded Amount Table with respect to the next succeeding Compounding Date that the number of days (based on 30-day months) from such last preceding Compounding Date to the date for which such determination is being calculated bears to the total number of days (based on 30-day months) from such last preceding Compounding Date to the next succeeding Compounding Date.

SECTION 3. RIGHT OF OPTIONAL REDEMPTION. The Board reserves the right to redeem prior to their stated maturities the Bonds, in whole or in part, in principal amounts or Maturity Amounts of \$5,000 or any integral multiple thereof at the redemption prices, to the extent, on the dates, and in the manner described in the Award Certificate.

SECTION 4. CHARACTERISTICS OF THE BONDS.

(a) Paying Agent/Registrar; Registration, Transfer, and Exchange; Authentication. The Board shall keep or cause to be kept at a designated corporate trust office of the Paying Agent/Registrar books or records for the registration and transfer of the Bonds (the "Registration Books"), and the Board hereby appoints the Paying Agent/Registrar as its registrar and transfer agent to keep such books or records and make such registrations of transfers and exchanges under such reasonable regulations as the Board and Paying Agent/Registrar may prescribe; and the Paying Agent/Registrar shall make such registrations, transfers, and exchanges as herein provided. Registration of the Bonds shall be accomplished in accordance with the provisions of this Resolution, including Section 14, relating to DTC's Book-Entry-Only System. The Authorized Representative, acting for and on behalf of the Board, is hereby authorized to solicit bids for and to select an initial Paying Agent/Registrar for the Bonds and to approve, execute and deliver for and on behalf of the Board a Paying Agent/Registrar Agreement (defined herein) to reflect the appointment, responsibilities, and compensation of the Paying Agent/Registrar, such approval to be conclusively evidenced by the Authorized Representative's execution thereof. The Paying Agent/Registrar shall obtain and record in the Registration Books the address of the Registered Owner to which payments with respect to the Bonds shall be mailed, as herein provided; but it shall be the duty of each Registered Owner to notify the Paying Agent/Registrar in writing of the address to which payments shall be mailed, and such interest payments shall not be mailed unless such notice has been given. To the extent possible and under reasonable circumstances, all transfers of Bonds shall be made within three business days after request and presentation thereof.

The Board shall have the right to inspect the Registration Books during the Paying Agent/Registrar's regular business hours, but otherwise the Paying Agent/Registrar shall keep the Registration Books confidential and, unless otherwise required by law, shall not permit their inspection by any other entity. The Paying Agent/Registrar's standard or customary fees and charges for making such registration, transfer, exchange and delivery of a substitute Bond or Bonds shall be paid as provided in the FORM OF BONDS set forth in this Resolution. Registration of assignments, transfers, and exchanges of Bonds shall be made in the manner provided and with the effect stated in the FORM OF BONDS set forth in this Resolution. Each substitute Bond shall bear a letter and/or number to distinguish it from each other Bond.

Except as provided in subsection (c) below, an authorized representative of the Paying Agent/Registrar shall, before the delivery of any such Bond, date and manually sign the Paying Agent/Registrar's Authentication Certificate, and no such Bond shall be deemed to be issued or outstanding unless such Authentication Certificate is so executed. The Paying Agent/Registrar promptly shall cancel all paid Bonds and Bonds surrendered for transfer and exchange. No additional action need be taken by the Board or any other body or person so as to accomplish the foregoing transfer and exchange of any Bond or portion thereof, and the Paying Agent/Registrar shall provide for the printing, execution, and delivery of the substitute Bonds. Pursuant to Chapter 1201, Texas Government Code, as amended, the duty of transfer and exchange of Bonds as aforesaid is hereby imposed upon the Paying Agent/Registrar, and upon the execution of said certificate, the transferred and exchanged Bond shall be valid, incontestable, and enforceable in the same manner and with the same effect as the Initial Bond.

(b) Payment of Bonds and Interest. The Board hereby further appoints the Paying Agent/Registrar to act as the paying agent for paying the principal and Maturity Amount of and interest on the Bonds, all as provided in this Resolution. The Paying Agent/Registrar shall keep proper records of all payments made by the Board and the Paying Agent/Registrar with respect to the Bonds.

(c) In General. The Bonds (i) shall be issued in fully registered form, without interest coupons, with the principal of and interest on or Maturity Amount of such Bonds to be payable only to the Registered Owners thereof; (ii) may and shall be prepaid or redeemed prior to the respective scheduled maturity dates; (iii) may be transferred and assigned; (iv) may be exchanged for other Bonds; (v) shall have the characteristics; (vi) shall be signed, sealed, executed, and authenticated; and (vii) shall be administered, and the Paying Agent/Registrar and the Board shall have certain duties and responsibilities with respect to the Bonds, all as provided, and in the manner and to the effect as required or indicated, in the FORM OF BONDS set forth in this Resolution and in the Award Certificate. The Initial Bond shall be delivered to the Initial Purchaser and is not required to be, and shall not be, authenticated by the Paying Agent/Registrar, but on each Bond issued in exchange for the Initial Bond or any Bond or Bonds issued under this Resolution the Paying Agent/Registrar shall execute the Paying Agent/Registrar's Authentication Certificate, in the form set forth in the FORM OF BONDS set forth in this Resolution.

SECTION 5. FORMS. The form of all Bonds, including the form of Paying Agent/Registrar's Authentication Certificate, the form of Assignment, and the form of Registration Certificate of the Comptroller of Public Accounts, to accompany the Initial Bond on the initial delivery thereof shall be, respectively, substantially as provided in Exhibit A hereto, with such

appropriate variations, omissions, or insertions as are permitted or required by this Resolution and the Award Certificate.

SECTION 6. DEFINITIONS. In addition to terms defined elsewhere in this Resolution, as used in this Resolution, the following terms shall have the meanings set forth below, unless expressly provided otherwise herein or unless the context shall indicate a contrary meaning or intent:

"Additional Parity Obligations" means the additional obligations of the Board permitted to be issued pursuant to Section 12 of this Resolution or pursuant to the Parity Bond Resolutions, such obligations to be payable from and secured by a first lien on and pledge of the Available University Fund Share on a parity with and of equal dignity to the Outstanding Parity Bonds and the Bonds.

"Applicable Law" has the meaning ascribed thereto in the recitals of this Resolution.

"Attorney General" means the Attorney General of the State of Texas.

"Authorized Denominations" means, except as otherwise provided in the Award Certificate, \$5,000 in principal amount or any integral multiple thereof with respect to Current Interest Bonds and \$5,000 in Maturity Amount or any integral multiple thereof with respect to Capital Appreciation Bonds.

"Authorized Representative" means one or more of the following officers or employees of the System, to-wit: the Chancellor, the Executive Vice Chancellor and Chief Financial Officer, and the Chief Investment Officer and Treasurer, or in the event of a vacancy in any such position, the person duly authorized to act in such capacity pending the appointment of a successor to such position, or such other officer or employee of the System authorized by the Board to act as an Authorized Representative.

"Available University Fund" means the fund by that name specified in the Constitutional Provision, which fund consists of the distributions made to it from the total return on all investment assets of the Permanent University Fund, including the net income attributable to the surface of Permanent University Fund land, as determined by the Board of Regents of The University of Texas System pursuant to the Constitutional Provision.

"Available University Fund Share" means the System's one-third interest in the Available University Fund as apportioned and provided in the Constitutional Provision.

"Award Certificate" means the certificate to be signed and delivered pursuant to Section 2(b) of this Resolution in connection with each Series of Bonds which establishes the terms of the Bonds.

"Board of Regents" or "Board" means the Board of Regents of the System.

"Bond" or "Bonds" mean one or more, as the case may be, of the Bonds authorized to be issued by this Resolution.

"Bond Counsel" means Winstead PC, or such other nationally-recognized firm designated by the Board as Bond Counsel for purposes of this Resolution.

"Bond Counsel Opinion" means, with respect to any action the occurrence of which requires such an opinion relating to the Bonds, an unqualified opinion of Bond Counsel to the effect that such action is permitted under State law and this Resolution and, with respect to Tax-Exempt Bonds, will not adversely affect the exclusion from gross income for federal income tax purposes of interest on such Tax-Exempt Bonds (subject to the inclusion of any exceptions contained in the opinion delivered upon original issuance of the Tax-Exempt Bonds).

"Bond Purchase Contract" means the Board's agreement with a senior managing underwriter providing for the sale of a Series of Bonds on a negotiated basis as authorized by Section 20 hereof; provided that two or more Series of Bonds may be sold to the same senior managing underwriter pursuant to the terms of a single Bond Purchase Contract.

"Bond Year" means the period beginning on July 2 of any calendar year and continuing through July 1 of the following calendar year.

"Business Day" means any day other than a Saturday, Sunday, or legal holiday, or a day on which banking institutions in either the State of New York or the State of Texas are authorized by law or executive order to close.

"Capital Appreciation Bonds" means Bonds on which no interest is paid prior to maturity, maturing variously in each of the years and in the Maturity Amounts as set forth in the Award Certificate.

"Code" means the Internal Revenue Code of 1986, as amended, and, with respect to a specific section thereof, such reference shall be deemed to include (a) the Regulations promulgated under such section, (b) any successor provision of similar import hereafter enacted, (c) any corresponding provision of any subsequent Internal Revenue Code, and (d) the regulations promulgated under the provisions described in (b) and (c).

"Commercial Paper Notes" means commercial paper notes of the Board issued as Subordinate Lien Obligations pursuant to the Board's resolution adopted on September 26, 2008, as amended on February 4, 2011.

"Compounded Amount" means, with respect to a Capital Appreciation Bond, as of any particular date of calculation, the original principal amount thereof, plus all interest accrued and compounded to the particular date of calculation, as determined in accordance with Section 2(c) of this Resolution and the Compounded Amount Table relating to such Bonds.

"Compounded Amount Table" means, with respect to the Capital Appreciation Bonds, the Compounded Amount Table as defined in Section 2(c) of this Resolution.

"Compounding Dates" means Compounding Dates as defined in Section 2(c) of this Resolution.

"Comptroller" means the Comptroller of Public Accounts of the State of Texas or any successor thereto.

"Constitutional Provision" means Section 18 of Article VII of the Constitution of the State, as amended and in effect on the date hereof, and any amendment thereto or any other provision or amendment to the Constitution of the State relating to the Permanent University Fund hereafter approved by the voters of the State.

"Current Interest Bonds" means Bonds paying current interest and maturing in each of the years and in the aggregate principal amounts set forth in the Award Certificate.

"Definitive Bonds" means the Bonds issued in exchange for the Initial Bond.

"DTC" means The Depository Trust Company, New York, New York, and its successors and assigns.

"DTC Participant" means securities brokers and dealers, banks, trust companies, clearing corporations, and certain other organizations on whose behalf DTC was created to hold securities to facilitate the clearance and settlement of securities transactions among DTC Participants.

"Eligible Project" means the acquisition of land either with or without permanent improvements, the construction and equipping of buildings or other permanent improvements, major repair and rehabilitation of buildings and other permanent improvements, the acquisition of capital equipment and library books and library materials. The term "Eligible Project" does not include the constructing, equipping, repairing, or rehabilitating of buildings or other permanent improvements that are to be used for student housing, intercollegiate athletics, or auxiliary enterprises.

"Escrow Agent" means the Escrow Agent set forth in the Award Certificate, if any, and any successor thereto.

"Escrow Agreement" means an agreement between the Board and the Escrow Agent as authorized by Section 23 hereof, as each such agreement may be amended from time to time in accordance with the terms thereof.

"Financial Obligation" has the meaning given in Section 18(b) hereof.

"Fiscal Year" means the 12-month operational period of both the System and the Permanent University Fund, commencing on September 1 of each year and ending on the following August 31.

"Government Obligations" means (i) direct noncallable obligations of the United States of America, including obligations that are unconditionally guaranteed by the United States of America (including Interest Strips of the Resolution Funding Corporation), or (ii) noncallable obligations of an agency or instrumentality of the United States of America, including obligations that are unconditionally guaranteed or insured by the agency or instrumentality and that, on the date the Board adopts or approves proceedings authorizing the issuance of refunding bonds or otherwise provides for the funding of an escrow to effect the defeasance of the Bonds, are rated as

to investment quality by a nationally recognized investment rating firm not less than "AAA" or its equivalent. The foregoing notwithstanding, the Authorized Representative may elect in the Award Certificate to modify the definition of "Government Obligations" by eliminating any securities or obligations set forth in the preceding sentence upon determining that it is in the best interests of the Board to do so.

"Initial Bond" means the Bond of a Series initially delivered hereunder and upon which the registration certificate, manually executed by or on behalf of the Comptroller of Public Accounts of the State of Texas, has been placed.

"Initial Purchaser" has the meaning given in Section 2 hereof.

"Issuance Date" means the date of delivery of each Series of Bonds to the Initial Purchasers thereof.

"MSRB" means the Municipal Securities Rulemaking Board.

"Maturity" means the date on which the principal of a Bond becomes due and payable as therein and herein provided, whether at Stated Maturity, by redemption, or otherwise.

"Maturity Amount" means the Compounded Amount of a Capital Appreciation Bond due on its Stated Maturity.

"Nationally-Recognized Rating Agency" means any nationally-recognized securities rating agency that provides a rating on the Bonds at the request of the Board.

"Outstanding Parity Bonds" has the meaning ascribed thereto in the recitals of this Resolution.

"Parity Bond Resolutions" has the meaning ascribed thereto in the recitals of this Resolution.

"Parity Obligations" means the Outstanding Parity Bonds, the Bonds, and any Additional Parity Obligations outstanding on the date of adoption of this Resolution or thereafter issued.

"Paying Agent/Registrar," "Paying Agent," or "Registrar" means an agent appointed pursuant to Section 2(b) of this Resolution, or any successor thereto.

"Paying Agent/Registrar Agreement" means a Paying/Agent Registrar Agreement executed by the Board and a Paying Agent/Registrar pursuant to Section 4(a) of this Resolution, substantially in the form previously approved by the Board, as such agreement may be amended from time to time in accordance with the terms thereof.

"Permanent University Fund" means the Permanent University Fund as created, established, implemented, and administered pursuant to Article VII, Sections 10, 11, 11a, 15, and 18 of the Texas Constitution, as currently or hereafter amended, and further implemented by the provisions of Chapter 66, Texas Education Code, as amended.

"Permanent University Fund Obligations" means, collectively, all bonds or notes of the Board heretofore or hereafter issued and delivered pursuant to the provisions of the Constitutional Provision, payable from and secured by a lien on and pledge of the Available University Fund Share, including, but not limited to, Parity Obligations and Subordinate Lien Obligations.

"Potential Refunded Bonds" means any of the Outstanding Parity Bonds.

"Principal and Interest Requirements" means, with respect to any Fiscal Year, the respective amounts of principal of and interest on all outstanding Permanent University Fund Obligations scheduled to be paid in such Fiscal Year from the Available University Fund Share. If the rate or rates of interest to be borne by any Additional Parity Obligations or Subordinate Lien Obligations is not fixed, but is variable or adjustable by any formula, agreement, or otherwise, and therefore cannot be calculated as actually being scheduled to be paid in a particular amount for any particular period, then for the purposes of the previous sentence, such Additional Parity Obligations or Subordinate Lien Obligations shall be deemed to bear interest at all times to maturity or due date at the lesser of (i) the maximum rate then permitted by law or (ii) the maximum rate specified in such Additional Parity Obligations or Subordinate Lien Obligations.

"Project Costs" means all costs and expenses incurred in relation to Eligible Projects, including, without limitation, design, planning, engineering, and legal costs; acquisition costs of land, interests in land, right-of-way and easements; construction costs; costs of machinery, equipment, and other capital assets incident and related to the operation, maintenance, and administration of an Eligible Project; and financing costs, including interest during construction and thereafter; underwriters' discount and/or fees; legal, financial, and other professional services; and reimbursements for such Project Costs attributable to an Eligible Project incurred prior to issuance and delivery of the Bonds.

"Refunded Bonds" means the Potential Refunded Bonds to be refunded by a Series of Bonds as set forth in the Award Certificate.

"Refunded Notes" means the Commercial Paper Notes to be refunded by a Series of Bonds as set forth in the Award Certificate.

"Refunded Obligations" means, collectively, the Refunded Notes, if any, and the Refunded Bonds, if any, refunded by a Series.

"Refunding Bonds" means any Series of Bonds issued for the purpose of refunding any of the Refunded Obligations and paying the costs of issuance of such Bonds thereby constituting "refunding bonds" for purposes of subsection (g) of the Constitutional Provision.

"Registered Owner" has the meaning ascribed thereto in Section 2 of this Resolution.

"Regulations" means the applicable proposed, temporary or final Treasury Regulations promulgated under the Code or, to the extent applicable to the Code, under the Internal Revenue Code of 1954, as such regulations may be amended or supplemented from time to time.

"Rule" means SEC Rule 15c2-12 promulgated by the SEC, as amended from time to time.

"SEC" means the United States Securities and Exchange Commission.

"Series" means any designated series of Bonds issued pursuant to this Resolution.

"State" means the State of Texas.

"Stated Maturity" with respect to any Bond, means the scheduled maturity or mandatory sinking fund redemption date of the Bond.

"Subordinate Lien Obligations" means those bonds, notes, or other obligations of the Board, including the Commercial Paper Notes, payable from, and secured by a lien on and a pledge of, the Available University Fund Share that is junior and subordinate to the pledge of and lien on the Available University Fund Share that secures the Parity Obligations.

"System" means The Texas A&M University System.

"Tax-Exempt Bonds" means a series of Bonds, the interest on which is excludable from gross income from federal income tax purposes, as determined and set forth in the Award Certificate therefor.

"Taxable Bonds" means a series of Bonds, the interest on which is not excludable from gross income for federal income tax purposes, as determined and set forth in the Award Certificate therefor.

"UT Board" means the Board of Regents of The University of Texas System.

SECTION 7. PLEDGE. Pursuant to the Constitutional Provision, the Bonds and any Additional Parity Obligations hereafter issued, and the interest thereon, shall be and are hereby equally and ratably secured, together with the Outstanding Parity Bonds, by and payable from a first lien on and pledge of the Available University Fund Share.

SECTION 8. PERFECTION OF SECURITY. Chapter 1208, Texas Government Code, applies to the issuance of the Parity Obligations and the pledge of the Available University Fund Share made in Section 7 of this Resolution, and such pledge is, therefore, valid, effective, and perfected. Should State law be amended at any time while the Bonds are outstanding and unpaid, the result of such amendment being that the pledge of the Available University Fund Share is to be subject to the filing requirements of Chapter 9, Texas Business & Commerce Code, in order to preserve to the Registered Owners a security interest in such pledge, the Board agrees to take such measures as it determines are reasonable and necessary to enable a filing of a security interest in said pledge to occur.

SECTION 9. PAYMENT OF BONDS AND ADDITIONAL PARITY OBLIGATIONS.

(a) Payment of the Bonds. The Comptroller previously has established and shall maintain in the State Treasury a fund known as the "Board of Regents of The Texas A&M University System Permanent University Fund Bonds Interest and Sinking Fund" (the "Interest and Sinking Fund"). The Board and the officers of the System shall cause the Comptroller to (i)

transfer to the Interest and Sinking Fund, out of the fund in the State Treasury to which is deposited the Available University Fund Share, such fund being designated the "The Texas A&M University System Available University Fund", on or before each date upon which the principal of, premium, if any, or interest on any Parity Obligations is due and payable, whether by reason of maturity, mandatory redemption, or optional redemption prior to maturity and (ii) withdraw from the Interest and Sinking Fund and deposit with the Paying Agent/Registrar, on or before each such date, the amounts of interest or principal, premium, if any, and interest which will come due on the Parity Obligations on each such date, and in such manner that such amounts, in immediately available funds, will be on deposit with the Paying Agent/Registrar at least by each such date.

(b) Payment of Additional Parity Obligations. When Additional Parity Obligations are issued pursuant to the provisions of this Resolution, the Board, the officers of the System, and the Comptroller shall follow substantially the same procedures as provided above in connection with paying the principal of and interest on such Additional Parity Obligations when due; provided, however, that other and different banks or places of payment (paying agents) and/or paying agent/registrar, dates and methods of payment, and other procedures not in conflict with this Resolution may be named and provided for in connection with each issue of Additional Parity Obligations. In the event that any such Additional Parity Obligations are made redeemable prior to maturity, the resolution or resolutions authorizing the issuance of such Additional Parity Obligations shall prescribe the appropriate procedures for redeeming the same.

SECTION 10. DISPOSITION OF FUNDS. After provision has been made for the payment of the principal of, premium, if any, and interest on the Parity Obligations the balance of the Available University Fund Share each year shall be made available to the Board for payment of any Subordinate Lien Obligations and, thereafter, shall be available to the Board in the manner and to the extent provided by law and by regulations of the Board to be used by the Board as it may lawfully direct.

SECTION 11. INVESTMENTS. Subject to the requirements of any Parity Bond Resolution and except as may be otherwise provided herein, (i) money in any account or fund established or affirmed pursuant to this Resolution may be invested at the direction of an Authorized Representative in the manner prescribed by law and in accordance with the written policies adopted by the Board, and (ii) the interest and income derived from such investments shall be credited to the account or fund from which the deposit or investment was made and shall be used only for the purpose or purposes for which such account or fund is required or permitted to be used.

SECTION 12. ADDITIONAL OBLIGATIONS.

(a) Additional Parity Obligations. The Board reserves the right and shall have full power at any time and from time to time, to authorize, issue, and deliver Additional Parity Obligations, in as many separate installments or series as deemed advisable by the Board but only for the purpose and to the extent provided in the Constitutional Provision, or in any amendment hereafter made to the Constitutional Provision, or for refunding purposes as provided by Applicable Law. Such Additional Parity Obligations when issued, and the interest thereon, shall be equally and ratably secured by and payable from a first lien on and pledge of the Available University Fund Share, in the same manner and to the same extent as are the Parity Obligations,

and shall be on a parity and in all respects of equal dignity. It is further covenanted that no installment or series of Additional Parity Obligations shall be issued and delivered unless the Authorized Representative, or some other financial officer of the System designated by the Board, executes a certificate to the effect that (i) for the Fiscal Year immediately preceding the date of said certificate, the amount of the Available University Fund Share was at least 1.5 times the average annual Principal and Interest Requirements of the installment or series of Additional Parity Obligations then proposed to be issued and the Parity Obligations which are then and will be outstanding after the issuance and delivery of said proposed installment or series; provided, however, that the certification required by this clause (i) shall only remain in effect so long as any Parity Obligation that was outstanding on August 3, 2012, remains outstanding; and (ii) the total principal amount of all Permanent University Fund Obligations that will be outstanding after the issuance and delivery of the installment or series of Additional Parity Obligations then proposed to be issued will not exceed 10% of the cost value of investments and other assets of the Permanent University Fund (exclusive of real estate) at the time the proposed series or installment of Additional Parity Obligations is issued.

(b) Subordinate Lien Obligations. The Board may, at any time and from time to time, for any lawful purpose permitted pursuant to the terms of the Constitutional Provision, issue Subordinate Lien Obligations, the principal of and redemption premium, if any, and interest on which are payable from and secured by a pledge of and lien on the Available University Fund Share junior and subordinate to the lien and pledge created hereby for the security of the Parity Obligations; provided, however, that any such pledge and lien securing such Subordinate Lien Obligations shall be, and shall be expressed to be, subordinate in all respects to the pledge of and lien on the Available University Fund Share pledged as security for the Parity Obligations.

SECTION 13. GENERAL COVENANTS. The Board covenants and agrees with the Registered Owners as follows:

(a) It is recognized that the UT Board is the legal custodian of the Permanent University Fund, having sole power to administer and invest the Permanent University Fund in accordance with applicable law, provided that the Constitutional Provision affirmatively appropriates out of the Available University Fund Share an annual amount sufficient to pay the principal and interest on the Permanent University Fund Obligations. Therefore, while the Parity Obligations or the Subordinate Lien Obligations are outstanding and unpaid, the Board covenants to use its best efforts to cause the Permanent University Fund to be administered, invested, and the income therefrom to be distributed, all as required by law and consistent with the Parity Bond Resolutions and this Resolution.

(b) The Board will duly and punctually pay or cause to be paid the principal of every Parity Obligation and all Subordinate Lien Obligations, while outstanding, and the interest thereon, from the sources, on the days, at the places, and in the manner mentioned and provided in such obligations, according to the true intent and meaning thereof, and it will duly cause to be called for redemption prior to maturity, and will cause to be redeemed prior to maturity, all Parity Obligations and Subordinate Lien Obligations which, by their terms, are mandatorily required to be redeemed prior to maturity, when and as so required, and it will faithfully do and perform and at all times fully observe all covenants, undertakings, and provisions contained in this Resolution and in the aforesaid obligations.

(c) Except for the benefit of the Parity Obligations, and the interest thereon, the Board will not at any time create or allow to accrue or exist any lien or charge upon the Interest and Sinking Fund or the Available University Fund Share, unless such lien or charge is made junior and subordinate in all respects to the liens, pledges, and covenants in connection with the Parity Obligations, but the right to issue Subordinate Lien Obligations payable from the Available University Fund Share, as specified in Section 12(b) of this Resolution, is specifically reserved by the Board. The lien created by this Resolution will not be impaired in any manner as a result of any action or non-action on the part of the Board or officers of the System.

(d) Proper books of records and accounts will be kept in which true, full, and correct entries will be made of all income, expenses, and transactions of and in relation to the Permanent University Fund and each and every part thereof in accordance with accepted accounting practices, and as soon after the close of each Fiscal Year as reasonably may be done, the Board will furnish to all bondholders and Registered Owners who may so request, such audits and reports by the State Auditor of the State for the preceding Fiscal Year, concerning the Permanent University Fund, the Available University Fund Share, and the Parity Obligations, as the State Auditor is required by applicable law to prepare and distribute.

(e) No portion of the proceeds of the Bonds will be used for the purpose of constructing, equipping, repairing, or rehabilitating buildings or other permanent improvements that are to be used for student housing, intercollegiate athletics, or auxiliary enterprises.

(f) The Board will (i) pay the standard or customary fees and charges of the Paying Agent/Registrar for its services with respect to the payment of the principal of and interest on the Bonds, when due, and (ii) pay the fees and charges of the Paying Agent/Registrar for services with respect to (A) the transfer of registration of the Bonds, and (B) solely to the extent provided in this Resolution, the exchange of the Bonds.

(g) At all times while the Bonds are outstanding, the Board will provide a competent and legally qualified bank, trust company, financial institution, or other agency to act as and perform the services of Paying Agent/Registrar for the Bonds under this Resolution. The Paying Agent/Registrar will be one entity. The Board reserves the right to, and may at its option, change the Paying Agent/Registrar upon not less than 60 days' written notice to the Paying Agent/Registrar, to be effective not later than 60 days prior to the next principal or interest payment date after such notice. In the event that the entity at any time acting as Paying Agent/Registrar (or its successor by merger, acquisition, or other method) should resign or otherwise cease to act as such, the Board covenants that it will promptly appoint a competent and legally qualified bank, trust company, financial institution, or other agency to act as Paying Agent/Registrar under this Resolution. Upon any change in the Paying Agent/Registrar, the previous Paying Agent/Registrar promptly shall transfer and deliver the Registration Books (or a copy thereof), along with all other pertinent books and records relating to the Bonds, to the new Paying Agent/Registrar designated and appointed by the Board. Upon any change in the Paying Agent/Registrar, the Board promptly will cause a written notice thereof to be sent by the new Paying Agent/Registrar to each Registered Owner, by United States mail, first-class postage prepaid, which notice also shall give the address of the new Paying Agent/Registrar. By accepting the position and performing as such, each Paying Agent/Registrar shall be deemed to have agreed to the provisions of this Resolution, and a certified copy of this Resolution shall be delivered to each Paying Agent/Registrar.

SECTION 14. BOOK-ENTRY-ONLY SYSTEM. It is intended that the Bonds initially be registered so as to participate in a securities depository system (the "DTC System") with DTC, as set forth herein. The Definitive Bonds shall be issued in the form of a separate single definitive Bond for each maturity. Upon issuance, the ownership of each such Bond shall be registered in the name of Cede & Co., as the nominee of DTC, and all of the outstanding Bonds shall be registered in the name of Cede & Co., as the nominee of DTC. The Board and the Paying Agent/Registrar are authorized to execute, deliver, and take the actions set forth in such letters to or agreements with DTC as shall be necessary to effectuate the DTC System, including a "Letter of Representations" (the "Representation Letter").

With respect to the Bonds registered in the name of Cede & Co., as nominee of DTC, the Board and the Paying Agent/Registrar shall have no responsibility or obligation to any broker-dealer, bank, or other financial institution for which DTC holds the Bonds from time to time as securities depository (a "Depository Participant") or to any person on behalf of whom such a Depository Participant holds an interest in the Bonds (an "Indirect Participant"). Without limiting the immediately preceding sentence, the Board and the Paying Agent/Registrar shall have no responsibility or obligation with respect to (i) the accuracy of the records of DTC, Cede & Co., or any Depository Participant with respect to any ownership interest in the Bonds, or (ii) the delivery to any Depository Participant or any Indirect Participant or any other Person, other than a Registered Owner of a Bond, of any amount with respect to principal of or interest on the Bonds. While in the DTC System, no person other than Cede & Co., or any successor thereto, as nominee for DTC, shall receive a Bond evidencing the obligation of the Board to make payments of principal and interest pursuant to this Resolution. Upon delivery by DTC to the Paying Agent/Registrar of written notice to the effect that DTC has determined to substitute a new nominee in place of Cede & Co., and subject to the provisions in this Resolution with respect to interest checks or drafts being mailed to the holder, the words "Cede & Co." in this Resolution shall refer to such new nominee of DTC.

In the event that (a) the Board determines that DTC is incapable of discharging its responsibilities described herein and in the Representation Letter, (b) the Representation Letter shall be terminated for any reason, or (c) DTC or the Board determines that it is in the best interest of the Registered Owners that they be able to obtain certificated Bonds, the Board shall notify the Paying Agent/Registrar, DTC, and Depository Participants of the availability within a reasonable period of time through DTC of certificated Bonds, and the Bonds shall no longer be restricted to being registered in the name of Cede & Co., as nominee of DTC. At that time, the Board may determine that the Bonds shall be registered in the name of and deposited with a successor depository operating a securities depository system, as may be acceptable to the Board, or such depository's agent or designee, and if the Board and the Paying Agent/Registrar do not select such alternate securities depository system, then the Bonds may be registered in whatever names the Registered Owners transferring or exchanging the Bonds shall designate, in accordance with the provisions hereof.

Notwithstanding any other provision of this Resolution to the contrary, so long as any Bond is registered in the name of Cede & Co., as nominee of DTC, all payments with respect to principal of and interest on such Bond and all notices with respect to such Bond shall be made and given, respectively, in the manner provided in the Representation Letter.

SECTION 15. AMENDMENT OF RESOLUTION.

(a) The owners of the Parity Obligations comprising 51% or more in principal amount of the aggregate principal amount of then outstanding Parity Obligations shall have the right, from time to time, to approve any amendment to any resolution authorizing the issuance of Parity Obligations which may be deemed necessary or desirable by the Board; provided, however, that nothing herein contained shall permit or be construed to permit, without the approval of the owners of all of the outstanding Parity Obligations, the amendment of the terms and conditions in said resolutions or in the Parity Obligations so as to (i) make any change in the maturity of the outstanding Parity Obligations; (ii) reduce the rate of interest borne by any of the outstanding Parity Obligations; (iii) reduce the amount of the principal payable on the outstanding Parity Obligations; (iv) modify the terms of payment of principal of or interest on the outstanding Parity Obligations, or impose any conditions with respect to such payment; (v) affect the rights of the owners of less than all of the Parity Obligations then outstanding; or (vi) change the minimum percentage of the principal amount of Parity Obligations necessary for consent to such amendment.

(b) If at any time the Board shall desire to amend a resolution under this Section, the Board shall cause notice of the proposed amendment to be published in a financial newspaper or journal published in New York, New York, once during each calendar week for at least two successive calendar weeks. Such notice shall briefly set forth the nature of the proposed amendment and shall state that a copy thereof is on file at the principal office of each Paying Agent/Registrar for the Parity Obligations for inspection by all owners of Parity Obligations. Such publication is not required, however, if written notice is given to each owner of Parity Obligations.

(c) Whenever at any time not less than 30 days, and within one year, from the date of the first publication of said notice or other service of written notice of the proposed amendment, the Board shall receive an instrument or instruments executed by the owners of at least 51% in aggregate principal amount of all Parity Obligations then outstanding, which instrument or instruments shall refer to the proposed amendment described in said notice and which specifically consent to and approve such amendment in substantially the form of the copy thereof on file as aforesaid, the Board may adopt the amendatory resolution in substantially the same form.

(d) Any consent given by the owner of a Parity Obligation pursuant to the provisions of this Section shall be irrevocable for a period of six months from the date of the first publication or other service of the notice provided for in this Section, and shall be conclusive and binding upon all future owners of the same Parity Obligations during such period. Such consent may be revoked at any time after six months from the date of the first publication of such notice by the owner who gave such consent, or by a successor in title, by filing notice thereof with the Paying Agent/Registrar for such Parity Obligations and the Board, but such revocation shall not be effective if the owners of 51% in aggregate principal amount of the then-outstanding Parity Obligations as in this Section defined have, prior to the attempted revocation, consented to and approved the amendment.

(e) Notwithstanding the provisions of Subsections (a)-(d) of this Section and subject to the requirements of the resolutions authorizing the Outstanding Parity Bonds, this Resolution and the rights and obligations of the Board and of the owners of the Bonds may, to the extent permitted by law, be modified or amended at any time by a supplemental resolution, without notice to or the

consent of any owners of the Bonds, to cure any ambiguity, or to cure or correct any defective provision contained in this Resolution, upon receipt by the Board of an approving opinion of Bond Counsel that the same is needed for such purpose and will more clearly express the intent of this Resolution.

(f) Upon the adoption of any amendatory resolution adopted by the Board pursuant to the provisions of this Section, the resolution being amended shall be deemed to be amended in accordance with the amendatory resolution, and the respective rights, duties, and obligations of the Board and all the owners of then-outstanding Parity Obligations and all future Parity Obligations shall thereafter be determined, exercised, and enforced thereunder, subject in all respects to such amendment.

SECTION 16. DAMAGED, MUTILATED, LOST, STOLEN, OR DESTROYED BONDS.

(a) Replacement Bonds. In the event any outstanding Bond is damaged, mutilated, lost, stolen, or destroyed, the Paying Agent/Registrar shall cause to be printed, executed, and delivered a new Bond of the same principal amount, Maturity Amount, maturity, and interest rate, as the damaged, mutilated, lost, stolen, or destroyed Bond, in replacement for such Bond in the manner hereinafter provided.

(b) Application for Replacement Bonds. Application for replacement of damaged, mutilated, lost, stolen, or destroyed Bonds shall be made to the Paying Agent/Registrar. In every case of loss, theft, or destruction of a Bond, the applicant for a replacement bond shall furnish to the Board and to the Paying Agent/Registrar such security or indemnity as may be required by them to save each of them harmless from any loss or damage with respect thereto. Also, in every case of loss, theft, or destruction of a Bond, the applicant shall furnish to the Board and to the Paying Agent/Registrar evidence to their satisfaction of the loss, theft, or destruction of such Bond, as the case may be. In every case of damage or mutilation of a Bond, the applicant shall surrender to the Paying Agent/Registrar for cancellation the Bond so damaged or mutilated.

(c) Payment in Lieu of Replacement. Notwithstanding the foregoing provisions of this Section, in the event any such Bond shall have matured, and no default has occurred which is then continuing in the payment of the principal of or interest on the Bond, the Board may authorize the payment of the same (without surrender thereof except in the case of a damaged or mutilated Bond) instead of issuing a replacement Bond, provided security or indemnity is furnished as provided above in this Section.

(d) Charge for Issuing Replacement Bonds. Prior to the issuance of any replacement Bond, the Paying Agent/Registrar shall charge the owner of such Bond with all legal, printing, and other expenses in connection therewith. Every replacement Bond issued pursuant to the provisions of this Section by virtue of the fact that any Bond is lost, stolen, or destroyed shall constitute a contractual obligation of the Board whether or not the lost, stolen, or destroyed Bond shall be found at any time, or be enforceable by anyone, and shall be entitled to all the benefits of this Resolution equally and proportionately with any and all other Bonds duly issued under this Resolution.

(e) Authority for Issuing Replacement Bonds. In accordance with Chapter 1201, Texas Government Code, as amended, this Section shall constitute authority for the issuance of any such replacement Bond without necessity of further action by the governing body of the Board or any other body or person, and the duty of the replacement of such Bonds is hereby authorized and imposed upon the Paying Agent/Registrar, and the Paying Agent/Registrar shall authenticate and deliver such Bonds in the form and manner and with the effect, as provided in Section 4(a) of this Resolution, for Bonds issued in exchange for other Bonds.

SECTION 17. DEFEASANCE OF BONDS.

(a) Any Bond and the interest thereon shall be deemed to be paid, retired and no longer outstanding (a "Defeased Bond") within the meaning of this Resolution, except to the extent provided in subsections (c) and (e) of this Section, when payment of the principal of such Bond, plus interest thereon, with respect to Current Interest Bonds, and/or the Maturity Amount with respect to Capital Appreciation Bonds, to the due date or dates (whether such due date or dates be by reason of maturity, upon redemption, or otherwise) either (i) shall have been made or caused to be made in accordance with the terms thereof (including the giving of any required notice of redemption or the establishment of irrevocable provisions for the giving of such notice) or (ii) shall have been provided for on or before such due date by irrevocably depositing with or making available to the Paying Agent/Registrar or an eligible trust company or commercial bank for such payment (1) lawful money of the United States of America sufficient to make such payment, (2) Government Obligations that mature as to principal and interest in such amounts and at such times as will ensure the availability, without reinvestment, of sufficient money to provide for such payment and when proper arrangements have been made by the Board with the Paying Agent/Registrar or an eligible trust company or commercial bank for the payment of its services until all Defeased Bonds shall have become due and payable or (3) any combination of (1) and (2). At such time as a Bond shall be deemed to be a Defeased Bond hereunder, as aforesaid, such Bond and the interest thereon shall no longer be secured by, payable from, or entitled to the benefits of, the revenues herein pledged as provided in this Resolution, and such principal and interest shall be payable solely from such money or Government Obligations.

(b) The deposit under clause (ii) of subsection (a) shall be deemed a payment of a Bond as aforesaid when proper notice of redemption of such Bonds shall have been given or upon the establishment of irrevocable provisions for the giving of such notice, in accordance with this Resolution. Any money so deposited with the Paying Agent/Registrar or an eligible trust company or commercial bank as provided in this Section may at the discretion of the Board also be invested in Government Obligations, maturing in the amounts and at the times as hereinbefore set forth, and all income from all Government Obligations in possession of the Paying Agent/Registrar or an eligible trust company or commercial bank pursuant to this Section which is not required for the payment of such Bond and premium, if any, and interest thereon with respect to which such money has been so deposited, shall be remitted to the Board.

(c) Notwithstanding any provision of any other Section of this Resolution which may be contrary to the provisions of this Section, all money or Government Obligations set aside and held in trust pursuant to the provisions of this Section for the payment of principal of the Bonds and premium, if any, and interest thereon, shall be applied to and used solely for the payment of the particular Bonds and premium, if any, and interest thereon, with respect to which such money

or Government Obligations have been so set aside in trust. Until all Defeased Bonds shall have become due and payable, the Paying Agent/Registrar shall perform the services of Paying Agent/Registrar for such Defeased Bonds the same as if they had not been defeased, and the Board shall make proper arrangements to provide and pay for such services as required by this Resolution.

(d) Notwithstanding any other provision of this Resolution to the contrary, if money or Government Obligations have been deposited or set aside with the Paying Agent/Registrar or an eligible trust company or commercial bank pursuant to this Section for the payment of Bonds and such Bonds shall not have in fact been actually paid in full, no amendment of the provisions of this Section shall be made without the consent of the registered owner of each Bond affected thereby. Notwithstanding the provisions of this Section to the contrary, any Taxable Bonds issued under this Resolution may be designated by the Authorized Representative in the Award Certificate as not being subject to defeasance if such Authorized Representative determines that such treatment is in the best economic interest of the Board.

(e) Notwithstanding the provisions of subsection (a) of this Section, to the extent that, upon the defeasance of any Defeased Bond to be paid at its maturity, the Board retains the right under State law to later call that Defeased Bond for redemption in accordance with the provisions of this Resolution, the Board may call such Defeased Bond for redemption upon complying with the provisions of State law and upon the satisfaction of the provisions of subsection (a) of this Section with respect to such Defeased Bond as though it was being defeased at the time of the exercise of the option to redeem the Defeased Bond and the effect of the redemption is taken into account in determining the sufficiency of the provisions made for the payment of the Defeased Bond.

SECTION 18. CONTINUING DISCLOSURE.

(a) Annual Reports. The Board shall provide annually to the MSRB, in an electronic format as prescribed by the MSRB, within six months after the end of each Fiscal Year ending after the issuance and sale of each Series of Bonds pursuant to this Resolution, financial information and operating data with respect to the Permanent University Fund as determined by the Authorized Representative at the time the Bonds are sold. The Award Certificate shall specify such financial information and operating data. Any financial statements with respect to the Permanent University Fund so to be provided shall be (1) prepared on an accrual basis, or such other basis as the UT Board may be required to employ from time to time pursuant to State law or regulation, and (2) audited, if the UT Board commissions an audit of such statements and the audit is completed within the period during which they must be provided. If audited financial statements with respect to the Permanent University Fund are not so provided within the required period, then the Board shall provide unaudited financial statements with respect to the Permanent University Fund for the applicable Fiscal Year to the MSRB, in an electronic format as prescribed by the MSRB, and shall file audited financial statements with respect to the Permanent University Fund when and if such audited financial statements become available. If audited financial statements with respect to the Permanent University Fund are not prepared for any Fiscal Year and audited financial statements are prepared with respect to the State of Texas for such Fiscal Year, the Board shall provide, or cause to be provided, the audited financial statements of the State of Texas for the applicable Fiscal Year to the MSRB, in an electronic format as prescribed by the MSRB, within six months after the end of said Fiscal Year or as soon thereafter as such audited financial

statements become available from the State Auditor of the State of Texas. Any such audited financial statements of the State of Texas so provided shall be prepared in accordance with generally accepted accounting principles for state governments, as such principles may be changed from time to time to comply with State law.

If the UT Board changes the Permanent University Fund's Fiscal Year, the Board will notify the MSRB of the change (and of the date of the new Fiscal Year end) prior to the next date by which the Board otherwise would be required to provide financial information and operating data pursuant to this Section.

The financial information and operating data to be provided pursuant to this subsection (a) may be set forth in full in one or more documents or may be included by specific reference to any document that is available to the public on the MSRB's internet web site or filed with the SEC.

(b) Event Notices. As used in this subsection (b), the term "obligated person" shall mean any person, including the Board, who is either generally or through an enterprise, fund, or account of such person committed by contract or other arrangement to support payment of all or part of the obligations on the Bonds (other than providers of municipal bond insurance, letters of credit, or other liquidity facilities). The Board shall notify the MSRB, in an electronic format as prescribed by the MSRB, in a timely manner not in excess of ten business days after the occurrence of the event, of any of the following events with respect to the Bonds: (i) principal and interest payment delinquencies; (ii) non-payment related defaults, if material; (iii) unscheduled draws on debt service reserves reflecting financial difficulties; (iv) unscheduled draws on credit enhancements reflecting financial difficulties; (v) substitution of credit or liquidity providers, or their failure to perform; (vi) adverse tax opinions, the issuance by the Internal Revenue Service of proposed or final determinations of taxability, Notices of Proposed Issue (IRS Form 5701-TEB) or other material notices or determinations with respect to the tax status of the Bonds, or other material events affecting the tax status of the Bonds; (vii) modifications to rights of holders of the Bonds, if material; (viii) bond calls, if material, and tender offers; (ix) defeasances; (x) release, substitution, or sale of property securing repayment of the Bonds, if material; (xi) rating changes; (xii) bankruptcy, insolvency, receivership or similar event of the obligated person; (xiii) the consummation of a merger, consolidation, or acquisition involving an obligated person or the sale of all or substantially all of the assets of the obligated person, other than in the ordinary course of business, the entry into a definitive agreement to undertake such an action or the termination of a definitive agreement relating to any such actions, other than pursuant to its terms, if material; (xiv) the appointment of a successor or additional trustee or the change of name of a trustee, if material; (xv) incurrence of a Financial Obligation (as defined below) of the Board, if material, or agreement to covenants, events of default, remedies, priority rights, or other similar terms of a Financial Obligation of the Board, any of which affect the holders of the outstanding Parity Obligations, if material; and (xvi) default, event of acceleration, termination event, modification of terms or similar events under the terms of a Financial Obligation of the Board, any of which reflect financial difficulties.

For the purposes of the event identified in clause (xii) of the immediately preceding paragraph, the event is considered to occur when any of the following occur: the appointment of a receiver, fiscal agent or similar officer for an obligated person in a proceeding under the U.S. Bankruptcy Code or in any other proceeding under state or federal law in which a court or

governmental authority has assumed jurisdiction over substantially all of the assets or business of the obligated person, or if such jurisdiction has been assumed by leaving the existing governing body and officials or officers in possession but subject to the supervision and orders of a court or governmental authority, or the entry of an order confirming a plan of reorganization, arrangement or liquidation by a court or governmental authority having supervision or jurisdiction over substantially all of the assets or business of the obligated person. The Board intends the words used in clauses (xv) and (xvi), above, and the definition of Financial Obligation in this Section to have the same meanings as when it is used in the Rule. Additionally, the term "Financial Obligation" shall not include municipal securities as to which a final official statement has been provided to the MSRB consistent with the Rule.

In addition, the Board shall notify the MSRB, in an electronic format as prescribed by the MSRB, in a timely manner, of any failure by the Board to provide financial information or operating data in accordance with subsection (a) of this Section by the time required.

(c) Identifying Information. All information and notices shall be provided to the MSRB in an electronic format, as prescribed by the MSRB, and all documents provided to the MSRB pursuant to this Section 18 shall be accompanied by identifying information, as prescribed by the MSRB.

(d) Limitations, Disclaimers, and Amendments. The Board shall be obligated to observe and perform the covenants specified in this Section 18 for so long as, but only for so long as, the Board, the Permanent University Fund, or the Available University Fund Share remains an "obligated person" with respect to the Bonds within the meaning of the Rule, except that the Board in any event will give the notice required by Section 4 of this Resolution of any Bond calls and defeasance that cause the Board, the Permanent University Fund, or the Available University Fund Share to no longer be "obligated persons".

The provisions of this Section 18 are for the sole benefit of the holders and beneficial owners of the Bonds, and nothing in this Section 18, express or implied, shall give any benefit or any legal or equitable right, remedy, or claim hereunder to any other person. The Board undertakes to provide only the financial information, operating data, financial statements, and notices which it has expressly agreed to provide pursuant to this Section 18 and does not hereby undertake to provide any other information that may be relevant or material to a complete presentation of the Permanent University Fund's or the Available University Fund Share's financial results, condition, or prospects, or hereby undertake to update any information provided in accordance with this Section 18 or otherwise, except as expressly provided herein. The Board does not make any representation or warranty concerning such information or its usefulness to a decision to invest in or sell Bonds at any future date.

UNDER NO CIRCUMSTANCES SHALL THE BOARD BE LIABLE TO THE HOLDER OR BENEFICIAL OWNER OF ANY BOND OR ANY OTHER PERSON, IN CONTRACT OR TORT, FOR DAMAGES RESULTING IN WHOLE OR IN PART FROM ANY BREACH BY THE BOARD, WHETHER NEGLIGENT OR WITHOUT FAULT ON ITS PART, OF ANY COVENANT SPECIFIED IN THIS SECTION 18, BUT EVERY RIGHT AND REMEDY OF ANY SUCH PERSON, IN CONTRACT OR TORT, FOR OR ON ACCOUNT OF ANY SUCH

BREACH SHALL BE LIMITED TO AN ACTION FOR MANDAMUS OR SPECIFIC PERFORMANCE.

No default by the Board in observing or performing its obligations under this Section 18 shall constitute a breach of or default under this Resolution for purposes of any other provision of this Resolution. Should the Rule be amended to obligate the Board to make filings with or provide notices to entities other than the MSRB, the Board hereby agrees to undertake such obligation with respect to the Bonds in accordance with the Rule as amended.

Nothing in this Section 18 is intended or shall act to disclaim, waive, or otherwise limit the duties of the Board under federal and State securities laws.

Except as otherwise authorized by Section 32, the provisions of this Section 18 may be amended by the Board from time to time to adapt to changed circumstances that arise from a change in legal requirements, a change in law, or a change in the identity, nature, status, or type of operations of the Board or the Permanent University Fund, but only if (i) the provisions of this Section 18, as so amended, would have permitted an underwriter to purchase or sell Bonds in the primary offering of the Bonds in compliance with the Rule, taking into account any amendments or interpretations of the Rule to the date of such amendment, as well as such changed circumstances, and (ii) either (A) the holders of a majority in aggregate principal amount (or any greater amount required by any other provision of this Resolution that authorizes such an amendment) of the outstanding Bonds consent to such amendment or (B) a person that is unaffiliated with the Board and the Permanent University Fund (such as nationally-recognized bond counsel) determines that such amendment will not materially impair the interests of the holders and beneficial owners of the Bonds. If the Board so amends the provisions of this Section 18, it shall include with any amended financial information or operating data next provided in accordance with this Section 18 an explanation, in narrative form, of the reasons for the amendment and of the impact of any change in the type of financial information or operating data so provided. The Board may also amend or repeal the provisions of this continuing disclosure requirement if the SEC amends or repeals the applicable provisions of the Rule or a court of final jurisdiction enters judgment that such provisions of the Rule are invalid, but only if and to the extent that the provisions of this sentence would not prevent an underwriter from lawfully purchasing or selling Bonds in the primary offering of the Bonds.

SECTION 19. PROVISIONS CONCERNING FEDERAL INCOME TAX EXCLUSION.

(a) General Tax Covenant. As used in this Section 19, the term "Bonds" shall mean only Bonds issued as Tax-Exempt Bonds. The Board intends that the interest on the Bonds be excludable from gross income for federal income tax purposes pursuant to sections 103 and 141 through 150, inclusive, of the Code. The Board covenants and agrees not to take any action, or knowingly omit to take any action within its control, that if taken or omitted, respectively, would (i) cause the interest on the Bonds to be includable in gross income, as defined in section 61 of the Code, for federal income tax purposes or (ii) result in the violation of or failure to satisfy any provision of section 103 and 141 through 150, inclusive, of the Code. In particular, the Board covenants and agrees to comply with each requirement of this Section 19; provided, however, that the Board will not be required to comply with any particular requirement of this Section 19 if the

Board has received an opinion of Bond Counsel that (i) such noncompliance will not adversely affect the exclusion from gross income for federal income tax purposes of interest on the Bonds or (ii) compliance with some other requirement will satisfy the applicable requirements of the Code and the Regulations, in which case compliance with such other requirement will constitute compliance with the corresponding requirement specified in this Section 19. The covenants of the Board set forth in this Section 19 are intended to apply only to Bonds when, as and if issued.

(b) No Private Use or Payment and No Private Loan Financing. The Board covenants and agrees that it has made use of proceeds of the Refunded Obligations (if issued on a tax-exempt basis) and will make such use of the proceeds of the Bonds, including interest or other investment income derived from such proceeds; regulate the use of property financed, directly or indirectly, with such proceeds, and take such other and further action as may be required so that the Bonds will not be "private activity bonds" within the meaning of section 141 of the Code. Moreover, the Board will certify, through an authorized officer, employee or agent, that based upon all facts and estimates known or reasonably expected to be in existence on the date each Series of Bonds is delivered, the proceeds of the Refunded Obligations (if issued on a tax-exempt basis) have not been used, and the proceeds of the Bonds will not be used, in a manner that would cause the Bonds to be "private activity bonds" within the meaning of section 141 of the Code.

(c) No Federal Guarantee. The Board covenants and agrees that it has not taken and will not take any action, and has not knowingly omitted and will not knowingly omit to take any action, within its control, that, if taken or omitted, respectively, would cause the Bonds to be "federally guaranteed" within the meaning of section 149(b) of the Code, except as permitted by section 149(b)(3) of the Code.

(d) No Hedge Bonds. The Board covenants and agrees that it has not taken and will not take any action, and has not knowingly omitted and will not knowingly omit to take any action, within its control, that, if taken or omitted, respectively, would cause the Bonds to be "hedge bonds" within the meaning of section 149(g) of the Code. Moreover, the Board will certify, through an authorized officer, employee or agent, that based upon all facts and estimates known or reasonably expected to be in existence on the date the Bonds are delivered, the proceeds of the Refunded Obligations (if issued on a tax-exempt basis) have not been used in a manner that would cause the Refunded Obligations (if issued on a tax-exempt basis) or the Bonds to be "hedge bonds" within the meaning of section 149(g) of the Code.

(e) No Arbitrage. The Board covenants and agrees that it will make such use of the proceeds of the Bonds, including interest or other investment income derived from Bond proceeds; regulate investments of proceeds of the Bonds; and take such other and further action as may be required so that the Bonds will not be "arbitrage bonds" within the meaning of section 148(a) of the Code. Moreover, the Board will certify, through an authorized officer, employee or agent, that based upon all facts and estimates known or reasonably expected to be in existence on the date the Bonds are delivered, the proceeds of the Refunded Obligations (if issued on a tax-exempt basis) have not been used and proceeds of the Bonds will not be used in a manner that would cause the Bonds to be "arbitrage bonds" within the meaning of section 148(a) of the Code.

(f) Arbitrage Rebate. If the Board does not qualify for an exception to the requirements of section 148(f) of the Code relating to the required rebate to the United States, the Board will

take all necessary steps to comply with the requirement that certain amounts earned by the Board on the investment of the "gross proceeds" of the Bonds of each Series (within the meaning of section 148(f)(6)(B) of the Code), be rebated to the federal government. Specifically, the Board will (i) maintain records regarding the investment of the gross proceeds of the Bonds of each Series as may be required to calculate the amount earned on the investment of the gross proceeds of the Bonds of such Series separately from records of amounts on deposit in the funds and accounts of the System allocable to other bond issues of the Board or moneys that do not represent gross proceeds of any bonds of the Board, (ii) calculate at such times as are required by applicable Regulations, the amount earned from the investment of the gross proceeds of the Bonds of such Series that is required to be rebated to the federal government, and (iii) pay, not less often than every fifth anniversary date of the delivery of the Bonds of such Series or on such other dates as may be permitted under applicable Regulations, all amounts required to be rebated to the federal government. Further, the Board will not indirectly pay any amount otherwise payable to the federal government pursuant to the foregoing requirements to any person other than the federal government by entering into any investment arrangement with respect to the gross proceeds of the Bonds of a Series that might result in a reduction in the amount required to be paid to the federal government because such arrangement results in a smaller profit or a larger loss than would have resulted if the arrangement had been at arm's length and had the yield on the issue not been relevant to either party.

(g) Information Reporting. The Board covenants and agrees to file or cause to be filed with the Secretary of the Treasury, not later than the 15th day of the second calendar month after the close of the calendar quarter in which the Bonds of such Series are issued, an information statement concerning the Bonds of such Series, all under and in accordance with section 149(e) of the Code.

(h) Record Retention. The Board will retain all pertinent and material records relating to the use and expenditure of the proceeds of the Refunded Obligations (if issued on a tax-exempt basis) and the Bonds until three years after the last Bond is redeemed, or such shorter period as authorized by subsequent guidance issued by the Department of Treasury, if applicable. All records will be kept in a manner that ensures their complete access throughout the retention period. For this purpose, it is acceptable that such records are kept either as hardcopy books and records or in an electronic storage and retrieval system, provided that such electronic system includes reasonable controls and quality assurance programs that assure the ability of the Board to retrieve and reproduce such books and records in the event of an examination of the Bonds by the Internal Revenue Service.

(i) Deliberate Actions. The Board will not take a deliberate action (as defined in section 1.141-2(d)(3) of the Regulations) that causes the Bonds to fail to meet any requirement of section 141 of the Code after the issue date of the Bonds unless an appropriate remedial action is permitted by section 1.141-12 of the Regulations, the Board takes such remedial action and an opinion of Bond Counsel is obtained that such remedial action cures any failure to meet the requirements of section 141 of the Code.

(j) Continuing Obligation. Notwithstanding any other provision of this Resolution, the Board's obligations under the covenants and provisions of this Section 19 will survive the

defeasance and discharge of the Bonds for so long as such matters are relevant to the exclusion from gross income of interest on the Bonds for federal income tax purposes.

SECTION 20. SALE OF THE BONDS.

(a) The Authorized Representative is hereby authorized to act for and on behalf of the Board in connection with the issuance and sale of the Bonds. In that capacity, the Authorized Representative, acting for and on behalf of the Board, shall determine the dates for the issuance and sale of the Bonds and all other matters relating to the issuance, sale and delivery of the Bonds as set forth in Section 2(b) of this Resolution.

(b) Except as set forth in subsection (c) of this Section 20, the Bonds of each Series shall be sold through competitive bidding as required by the Constitutional Provision. For any Series of Bonds to be sold through competitive bidding pursuant to the terms hereof, the Authorized Representative shall prepare a notice of sale and bidding instructions (including an official bid form) with respect thereto to be in substantially the form and substance previously approved by the Board in connection with the authorization of Parity Obligations, which form is hereby approved, but with such changes and completions as the Authorized Representative may approve.

(c) Notwithstanding the provisions of subsection (b) of this Section 20 or any other provisions in this Resolution, any Series of Bonds constituting Refunding Bonds may be sold in the manner deemed by the Authorized Representative to be the most economically advantageous to the Board, as set forth in the Award Certificate.

If the Authorized Representative determines that a Series of Refunding Bonds should be sold by a negotiated sale, the Authorized Representative shall designate the senior managing underwriter for such Refunding Bonds and such additional investment banking firms as he or she deems appropriate to assure that the Refunding Bonds are sold on the most advantageous terms to the Board. The Authorized Representative, acting for and on behalf of the Board, is authorized to approve, execute and deliver a Bond Purchase Contract for each Series of Refunding Bonds to be sold by negotiated sale, with the underwriter(s) thereof at such price, with and subject to such terms as determined by the Authorized Representative pursuant to Section 2 of this Resolution. Each Bond Purchase Contract shall be substantially in the form and substance previously approved by the Board in connection with the authorization of Parity Obligations or the Board's revenue financing system obligations with such changes as are acceptable to the Authorized Representative, including those set forth in this Resolution with respect to disclosure documents and continuing disclosure provisions. The Authorized Representative's approval of a Bond Purchase Contract shall be conclusively evidenced by said Authorized Representative's execution thereof.

(d) Following the award of the sale of each Series of Bonds the Authorized Representative shall notify the Paying Agent/Registrar in writing of the identity of the purchaser of the Bonds and of the following terms for such Bonds: Series designation; dated date and Issuance Date; date from which interest accrues; principal amount; maturities; redemption provisions; rate or rates of interest; and first interest payment date. The Authorized Representative shall deliver the Initial Bonds of such Series to the purchasers thereof against payment therefor.

(e) The authority conferred by this Resolution to (i) act on behalf of the Board in selling any Series of Bonds and (ii) award the sale of the Bonds of such Series to a bidder in a competitive sale or execute one or more Bond Purchase Contract(s) pursuant to this Section shall expire at 11:59 p.m. on August 31, 2021. Any Series of Bonds awarded pursuant to an official bid form or sold pursuant to a Bond Purchase Contract executed on or before August 31, 2021, may be delivered after such date.

SECTION 21. PROCEEDS OF SALE. Proceeds from the sale of each Series of Bonds shall, promptly upon receipt thereof, be applied by the Authorized Representative as follows:

(i) accrued interest for the Bonds, if any, shall be deposited in the Interest and Sinking Fund to be used to pay interest on the Bonds on the first interest payment date therefor;

(ii) if the Series of Bonds is being issued to refund Refunded Obligations, there shall be applied, from the remaining proceeds from the sale of such Bonds, the amounts specified in Section 23 of this Resolution; and

(iii) any proceeds from the sale of such Bonds remaining after the deposits provided for in clauses (i) and (ii) above shall be used to pay Project Costs of Eligible Projects and, to the extent not otherwise provided for, to pay all expenses arising in connection with the issuance of such Bonds and the refunding of the Refunded Obligations, as appropriate.

Any sale proceeds of the Bonds remaining after making all deposits and payments provided for above shall be deposited into the Interest and Sinking Fund.

SECTION 22. APPROVAL OF OFFICIAL STATEMENT. The Authorized Representative, acting for and on behalf of the Board, is authorized and directed to provide for and oversee the preparation of a preliminary official statement to be prepared for distribution (which may be made electronically) and to be used in the offering and sale of the Bonds. The Authorized Representative, acting for and on behalf of the Board, is hereby authorized to approve the form of the preliminary official statement and to deem the preliminary official statement to be final as of its date, except for such omissions as are permitted by the Rule. The Authorized Representative, acting for and on behalf of the Board, shall cause a final official statement to be prepared and provided in compliance with the Rule. Notwithstanding the foregoing, the Authorized Representative may prepare one preliminary official statement and one final official statement with respect to multiple Series of such Bonds so sold.

SECTION 23. REFUNDING AND REDEMPTION OF REFUNDED OBLIGATIONS; ESCROW AGREEMENT.

(a) Concurrently with the delivery of each Series of Bonds issued to refund Refunded Notes, the Authorized Representative shall cause to be deposited with the issuing and paying agent for the Refunded Notes or with an Escrow Agent selected by the Authorized Representative, from the proceeds from the sale of such Series of Bonds and other legally available funds, an amount sufficient to provide for the refunding and defeasance of such Refunded Notes, in accordance with Chapter 1207, Texas Government Code, as amended. In the event it is deemed necessary, the

Authorized Representative is hereby authorized to select one or more Escrow Agent(s) with respect to the Refunded Notes and to enter into one or more Escrow Agreements. The Authorized Representative is further authorized and directed to apply and there is hereby appropriated such moneys of the Board as are necessary (i) to provide for the defeasance of such Refunded Notes on the date of delivery of the Bonds or (ii) to fund the Escrow Fund to be created pursuant to the Escrow Agreement(s) with amounts sufficient to provide for the defeasance of the Refunded Notes.

(b) Concurrently with the delivery of each Series of Bonds issued to refund Refunded Bonds, the Authorized Representative shall cause to be deposited with the paying agent for the Refunded Bonds or with an Escrow Agent selected by the Authorized Representative, from the proceeds from the sale of such Series of Bonds and other legally available funds, an amount sufficient to provide for the refunding and defeasance of such Refunded Bonds, in accordance with Chapter 1207, Texas Government Code, as amended. In the event it is deemed necessary, the Authorized Representative is hereby authorized to select one or more Escrow Agent(s) with respect to the Refunded Bonds and to enter into one or more Escrow Agreements. The Authorized Representative is further authorized and directed to apply and there is hereby appropriated such moneys of the Board as are necessary (i) to provide for the defeasance of such Refunded Bonds on the date of delivery of the Bonds or (ii) to fund the Escrow Fund to be created pursuant to the Escrow Agreement(s) with amounts sufficient to provide for the defeasance of the Refunded Bonds.

(c) As provided in Section 2(b) of this Resolution, the Authorized Representative shall determine the particular Subordinate Lien Obligations and Potential Refunded Bonds to be refunded by a Series of Bonds subject, in the case of the Refunded Bonds, to the present value savings requirement of said Section 2(b).

(d) Subject to the execution of an Award Certificate and the determination by the Authorized Representative of the Refunded Bonds to be refunded by a Series of Bonds, the Board irrevocably calls the particular Potential Refunded Bonds constituting Refunded Bonds for redemption prior to maturity on the first optional redemption date following delivery of the Bonds of such Series, for which all of the notice requirements for redemption can reasonably be met, at a redemption price of par (plus accrued interest to the date fixed for redemption).

The Authorized Representative, acting for and on behalf of the Board, shall provide for notice of such redemption to be given in accordance with the resolution(s) of the Board authorizing the Refunded Bonds.

(e) If the Authorized Representative determines to execute an Escrow Agreement relating to the Refunded Notes or the Refunded Bonds, to assure the purchase of the "Escrowed Securities" referred to in the respective Escrow Agreements for the Refunded Notes or the Refunded Bonds, the Authorized Representative, acting for and on behalf of the Board, is hereby authorized to subscribe for, agree to purchase and purchase "Government Obligations" and "Defeasance Obligations" (as defined in resolutions authorizing the Refunded Notes or the Parity Bond Resolutions authorizing the Refunded Bonds, as appropriate) in such amounts and maturities and bearing interest at such rates as may be provided for in such Escrow Agreement, and to execute any and all subscriptions, purchase agreements, commitments, letters of authorization and other

documents necessary to effectuate the foregoing, and is authorized to create and fund the "Escrow Fund" contemplated by such Escrow Agreement through the use of the proceeds of the Series of Bonds issued to refund the Refunded Notes or the Refunded Bonds, the moneys and investments held in the fund securing the Refunded Notes or the Refunded Bonds, and other lawfully available moneys of the Board.

(f) To satisfy in a timely manner all of the Board's obligations under this Resolution and the Escrow Agreement(s), the Authorized Representative and all other appropriate officers and agents of the Board are hereby severally authorized and directed for and on behalf of the Board to take all other actions that are reasonably necessary to provide for the refunding of the Refunded Notes or the Refunded Bonds, including, without limitation, executing and delivering for and on behalf of the Board all certificates, consents, receipts, requests and other documents as may be reasonably necessary to satisfy the Board's obligations under the Escrow Agreement(s) and this Resolution and to direct the transfer and application of funds of the Board consistent with the provisions of such Escrow Agreement(s) and this Resolution.

SECTION 24. AGREEMENTS AUTHORIZED. The Paying Agent/Registrar Agreement, the Escrow Agreements, if used, and the Bond Purchase Contract are hereby approved and the Authorized Representative is hereby authorized to execute and deliver same and to execute certificates and other documents pursuant to any such agreement to carry out the intent thereof.

SECTION 25. PARTIES INTERESTED HEREIN. Nothing in this Resolution expressed or implied is intended or shall be construed to confer upon, or to give to, any person or entity, other than the Board, the Paying Agent/Registrar, and the Registered Owners any right, remedy, or claim under or by reason of this Resolution or any covenant, condition, or stipulation hereof, and all covenants, stipulations, promises, and agreements in this Resolution contained by and on behalf of the Board shall be for the sole and exclusive benefit of the Board, the Paying Agent/Registrar, and the Registered Owners.

SECTION 26. REMEDIES. Any owner or holder of any of the Bonds or Additional Parity Obligations, when issued, in the event of default in connection with any covenant contained herein or default in the payment of said obligations, or of any interest thereon, shall have the right to institute mandamus proceedings against the Board or any other necessary or appropriate party for the purpose of enforcing payment from the source pledged herein or for enforcing any covenant herein contained.

SECTION 27. INDIVIDUALS NOT LIABLE. All covenants, stipulations, obligations, and agreements of the Board contained in this Resolution shall be deemed to be covenants, stipulations, obligations, and agreements of the System and the Board to the full extent authorized or permitted by the Constitution and laws of the State. No covenant, stipulation, obligation, or agreement herein contained shall be deemed to be a covenant, stipulation, obligation, or agreement of any member of the Board or agent or employee of the Board in his individual capacity and neither the members of the Board nor any officer thereof shall be liable personally on the Parity Obligations or be subject to any personal liability or accountability by reason of the issuance thereof.

SECTION 28. EXECUTION, CUSTODY, APPROVAL, AND REGISTRATION OF BONDS; BOND COUNSEL'S OPINION; AND CUSIP NUMBERS.

(a) The Bonds shall be executed either manually or by facsimile signature on behalf of the Board by the Chairman or Vice Chairman of the Board and countersigned by the Executive Director, Board of Regents, or the Assistant to the Board, and the official seal of the Board shall be impressed or placed in facsimile thereon. Such facsimile signatures on the Bonds shall have the same effect as if each of the Bonds had been signed manually and in person by said officers of the Board, and such facsimile seal on the Bonds shall have the same effect as if the official seal of the Board had been manually impressed upon each of the Bonds.

(b) The Authorized Representative is hereby authorized to have control of the Initial Bonds of each Series issued and delivered hereunder and all necessary records and proceedings pertaining to such Bonds pending their delivery and approval by the Attorney General and their registration by the Comptroller. Upon registration of the Bonds of a Series, the Comptroller (or a deputy designated in writing to act for the Comptroller) shall manually sign the Comptroller's Registration Certificate printed or attached to the Initial Bonds of such Series, and the seal of said Comptroller shall be impressed or placed in facsimile thereon. The Bond Counsel Opinion and the assigned CUSIP numbers may, at the option of the Board, be printed on the Initial Bonds of such Series or on any Bonds issued and delivered in exchange or replacement of any Bond, but neither of such items shall be binding upon the Board or have any legal effect, and shall be solely for the convenience and information of the Registered Owners of the Bonds. If insurance is obtained on any of the Bonds, the Bonds shall bear, as appropriate and applicable, a legend concerning insurance as provided by the Insurer.

SECTION 29. DTC LETTER OF REPRESENTATIONS. The Authorized Representative is authorized to implement the Book-Entry-Only System of Bond registration with respect to the Bonds pursuant to the Representation Letter. Notwithstanding anything to the contrary contained herein, while the Bonds are subject to DTC's Book-Entry-Only System and to the extent permitted by law, the Representation Letter is hereby incorporated herein and its provisions shall prevail over any other provisions of this Resolution in the event of conflict. Provisions relating to DTC, its Book-Entry-Only System of registration, and the Representation Letter are set forth in Section 14 of this Resolution.

SECTION 30. APPROPRIATION OF FUNDS. The Authorized Representative is further authorized and directed to apply and there is hereby appropriated such money of the Board as is necessary (i) to pay the costs of issuance of Bonds incurred in connection with the issuance thereof and the refunding of the Refunded Obligations, to the extent not paid from Bond proceeds and (ii) to make the deposits described in Sections 21 and 23 in amounts sufficient, together with the proceeds of the Bonds, to provide for the defeasance of the Refunded Obligations on the date of delivery of the Bonds.

SECTION 31. DEFEASANCE OF OUTSTANDING PARITY BONDS. (a) The Board desires to authorize the use of certain lawfully available funds of the Board, including but not limited to Available University Fund moneys, as determined by the Authorized Representative, to defease, from time to time, certain Outstanding Parity Bonds previously issued by the Board in accordance with the applicable defeasance provisions in the respective resolutions authorizing

their issuance. The Authorized Representative is hereby authorized to determine and retire, from time to time, the various portions of such Outstanding Parity Bonds which are economically advantageous for the Board to retire by the defeasance of such Bonds. The Authorized Representative is authorized to enter into one or more escrow agreements in substantially the standard form previously approved by the Board to accomplish such defeasances. In the event of such a defeasance, the Authorized Representative is authorized hereby to take such steps as may be necessary to purchase the escrowed securities identified in such escrow agreements on behalf of the Board and is authorized to create and fund the escrow funds contemplated by such escrow agreements through the use of the lawfully available funds of the Board. The Authorized Representative is authorized to call for redemption such Outstanding Parity Bonds defeased pursuant to this Section and is hereby authorized to provide and complete an appropriate notice of redemption to the paying agent(s) and/or registrar(s) for such Outstanding Parity Bonds upon the deposit with the escrow agent of such available funds and compliance with the conditions set forth in the escrow agreements.

(b) Except as provided in the following sentence, the Board hereby (i) expressly reserves the right to call for redemption any Outstanding Parity Bonds defeased pursuant to this Section in accordance with the applicable redemption provisions contained in the respective resolution authorizing their issuance, (ii) directs the Authorized Representative to give notice of the reservation of such right to the owners of such Outstanding Parity Bonds immediately following the making of the firm banking and financial arrangements for such defeasance, and (iii) directs the Authorized Representative to include notice of such reservation in any notice of redemption authorized pursuant to this Section. Notwithstanding the immediately preceding sentence, the Authorized Representative, upon determining that doing so is in the best interest of the Board, may elect on behalf of the Board not to retain the right to call such Outstanding Parity Bonds for redemption by choosing not to give the notices required in clauses (ii) and (iii) of the immediately preceding sentence.

(c) The Board hereby expressly authorizes the expenditure of, and appropriates for such purpose, moneys in the Available University Fund constituting the Available University Fund Share in the amount determined by the Authorized Representative for the purpose of defeasing Outstanding Parity Bonds in accordance with the terms of this Section 31; provided that, the remaining balance of the Available University Fund Share after giving effect to any such expenditure shall not be less than the sum of (i) the amount necessary for the Board to be able to fully observe and comply with its covenants and obligations, as appropriate, under (A) the Constitutional Provision, (B) all Parity Bond Resolutions and resolutions of the Board authorizing the issuance of Subordinate Lien Obligations that are then outstanding, and (C) all other resolutions or agreements then outstanding pursuant to which the obligations of the Board thereunder are payable from the Available University Fund Share, plus (ii) to the extent not included in clause (i) of this sentence, any unexpended amounts previously appropriated by the Board for the support and maintenance of The Texas A&M University System administration, Texas A&M University and Prairie View A&M University.

SECTION 32. FURTHER PROCEDURES. The Chairman of the Board, the Vice Chairman of the Board, the Executive Director, Board of Regents, each Authorized Representative, and all other officers, employees, and agents of the Board, and each of them, shall be and they are hereby expressly authorized, empowered, and directed from time to time and at

any time to do and perform all such acts and things and to execute, acknowledge, and deliver in the name and under the seal and on behalf of the Board all such agreements, documents and instruments, whether or not herein mentioned, as may be necessary or desirable in order to carry out the terms and provisions of this Resolution, the Bonds, the preliminary official statement, the official statement, the Paying Agent/Registrar Agreement, each Escrow Agreement, any Bond Purchase Contract and the Representation Letter. In addition, each Authorized Representative, the General Counsel of the System, and Bond Counsel are hereby authorized to approve, subsequent to the date of the adoption of this Resolution, any amendments to the above named documents, and any technical amendments to this Resolution as may be required by any Nationally-Recognized Rating Agency as a condition to the granting of a rating on the Bonds, as may be required by the Attorney General as a condition to the approval of the Bonds and as may be required to assist the underwriters in complying with the Rule.

In case any officer whose signature shall appear on the Bonds shall cease to be such officer before the delivery of the Bonds, such signature shall nevertheless be valid and sufficient for all purposes the same as if such officer had remained in office until such delivery. It is further provided the Authorized Representative is hereby designated as the officer responsible for making the certifications required by the Parity Bond Resolutions as a condition to the issuance of obligations on a parity with the Outstanding Parity Bonds.

SECTION 33. PUBLIC NOTICE. It is hereby found and determined that each of the officers and members of the Board were duly and sufficiently notified officially and personally, in advance, of the time, place, and purpose of the meeting at which this Resolution was adopted; that this Resolution would be introduced and considered for adoption at said meeting; that said meeting was open to the public, and public notice of the time, place, and purpose of said meeting was given, all as required by Chapter 551, Texas Government Code, as amended.

SECTION 34. NONPRESENTMENT OF BONDS. In the event any Bond shall not be presented for payment when the principal thereof or interest thereon, if applicable, becomes due, either at maturity or otherwise, or if any check or draft representing payment of principal of or interest on the Bonds shall not be presented for payment, if funds sufficient to pay the principal of or interest on such Bond shall have been made available by the Board to the Paying Agent/Registrar for the benefit of the Registered Owner thereof, all liability of the Board to such Registered Owner for the payment of the principal of or interest on such Bond shall cease, terminate, and be completely discharged, and thereupon it shall be the duty of the Paying Agent/Registrar to hold such funds in trust, uninvested and without liability for interest thereon, for the benefit of the Registered Owner of such Bond who shall thereafter be restricted exclusively to such funds for any claim of whatever nature on his part under this Resolution with respect to the principal of or interest on such Bond. To the extent applicable, the Paying Agent/Registrar shall hold and apply any such funds in accordance with Title 6, Texas Property Code, as amended, and shall comply with the reporting requirements of Chapter 74, Texas Property Code, as amended.

SECTION 35. INTERPRETATIONS. The titles and headings of the articles and sections of this Resolution have been inserted for convenience of reference only and are not to be considered a part hereof and shall not in any way modify or restrict any of the terms or provisions hereof. Except where the context otherwise requires, words importing the singular number shall include the plural number and vice versa; words importing the masculine gender shall include the

feminine and neuter genders and vice versa. Reference to any document means that document as amended or supplemented from time to time. Reference to any party to a document means that party and its successors and assigns. Reference herein to any article, section, subsection or other subdivision, as applicable, unless specifically stated otherwise, means the article, section, subsection or other subdivision, as applicable, of this Resolution.

SECTION 36. SEVERABILITY. The provisions of this Resolution are severable; and in case any one or more of the provisions of this Resolution or the application thereof to any person or circumstance should be held to be invalid, unconstitutional, or ineffective as to any person or circumstance, the remainder of this Resolution nevertheless shall be valid, and the application of any such invalid provision to persons or circumstances other than those as to which it is held invalid shall not be affected thereby.

SECTION 37. RECITALS INCORPORATED. The recitals of this Resolution are hereby incorporated by reference as if copied in full.

SECTION 38. IMMEDIATE EFFECT. This Resolution shall take effect immediately upon its adoption.

* * *

EXHIBIT A

FORM OF BONDS

**[FORM OF FIRST TWO PARAGRAPHS OF CURRENT
INTEREST BONDS]**

UNITED STATES OF AMERICA
STATE OF TEXAS

NO. R - ____

PRINCIPAL AMOUNT
\$ _____

BOARD OF REGENTS OF THE TEXAS A&M UNIVERSITY SYSTEM
PERMANENT UNIVERSITY FUND BONDS, SERIES ____

INTEREST RATE	MATURITY DATE	ISSUANCE DATE	CUSIP NO.
____ %	____, 20__	_____	_____

REGISTERED OWNER: _____

PRINCIPAL AMOUNT: _____ DOLLARS (\$ _____)

ON THE MATURITY DATE, specified above, the BOARD OF REGENTS OF THE TEXAS A&M UNIVERSITY SYSTEM (the "Board"), being an agency of the State of Texas, hereby promises to pay to the Registered Owner, specified above, or the registered assignee hereof (either being hereinafter called the "registered owner") the Principal Amount, specified above, and to pay interest thereon calculated on the basis of a 360-day year of twelve 30-day months, from the Issuance Date, specified above, to the date of its scheduled maturity or the date of its redemption prior to scheduled maturity, at the Interest Rate per annum, specified above, with said interest being payable on _____, 20__, and semiannually on each _____ and _____ thereafter.

THE PRINCIPAL OF AND INTEREST ON this Bond are payable in lawful money of the United States of America, without exchange or collection charges. The principal of this Bond shall be paid to the registered owner hereof upon presentation and surrender of this Bond at maturity or upon the date fixed for its redemption prior to maturity, at the designated payment office of [_____, _____, _____] which is the "Paying Agent/Registrar" for this Bond. The payment of interest on this Bond shall be made by the Paying Agent/Registrar to the registered owner hereof as shown by the "Registration Books" kept by the Paying Agent/Registrar at the close of business on the Record Date (hereinafter described) by check drawn by the Paying Agent/Registrar on, and payable solely from, funds of the Board required to be on deposit with the Paying Agent/Registrar for such purpose as hereinafter provided; and such check shall be sent by the Paying Agent/Registrar by United States mail, first-class postage prepaid, on each such interest payment date, to the registered owner hereof at its address as it appears on the Registration Books kept by the Paying Agent/Registrar, as hereinafter described. Upon written request, the registered owner of any Bonds of at least \$1,000,000 in principal amount may receive payment of interest by wire transfer. The record date for determining the person to whom interest

is payable on any interest payment date (the "Record Date") means the 15th calendar day of the month next preceding such interest payment date. In the event of a non-payment of interest on a scheduled payment date, and for 30 calendar days thereafter, a new Record Date for such interest payment (a "Special Record Date") will be established by the Paying Agent/Registrar, if and when funds for the payment of such interest have been received from the Board. Notice of the Special Record Date and of the scheduled payment date of the past due interest (which shall be 15 days after the Special Record Date) shall be sent at least five business days prior to the Special Record Date by United States mail, first-class postage prepaid, to the address of each registered owner of a Bond appearing on the books of the Paying Agent/Registrar at the close of business on the last business day next preceding the date of mailing of such notice. The Board covenants with the registered owner of this Bond that no later than each principal payment date and interest payment date for this Bond it will make available to the Paying Agent/Registrar the amounts required to provide for the payment, in immediately available funds by wire transfer or other means acceptable to the Paying Agent/Registrar, of all principal of and interest on the Bonds, when due, in the manner set forth in the resolution authorizing the issuance of this Bond adopted by the Board (the "Resolution").

* * *

[FORM OF FIRST TWO PARAGRAPHS OF CAPITAL APPRECIATION BONDS]

UNITED STATES OF AMERICA
STATE OF TEXAS

NO. CR - ____

MATURITY AMOUNT
\$ _____

BOARD OF REGENTS OF THE TEXAS A&M UNIVERSITY SYSTEM
PERMANENT UNIVERSITY FUND BONDS, SERIES _____

<u>INTEREST RATE</u>	<u>MATURITY DATE</u>	<u>ISSUANCE DATE</u>	<u>CUSIP NO.</u>
_____%	_____, 20__	_____	_____

REGISTERED OWNER: _____

MATURITY AMOUNT: _____ DOLLARS (\$ _____)

ON THE MATURITY DATE, specified above, the BOARD OF REGENTS OF THE TEXAS A&M UNIVERSITY SYSTEM (the "Board"), being an agency of the State of Texas, hereby promises to pay to the Registered Owner specified above or the registered assignee hereof (either being hereinafter called the "registered owner") the Maturity Amount specified above, representing the principal amount hereof and accrued and compounded interest hereon. Interest shall accrete on the original principal amount hereof from the Issuance Date at the interest rate per annum specified above (subject to rounding to the Compounded Amounts as provided in the Bond Resolution), compounded semi-annually on _____ and _____ of each year, commencing _____, 20__. For convenience of reference, a table appears on the back of this Bond showing the "Compounded Amount" of the original principal amount per \$5,000 Maturity Amount compounded semiannually at the yield shown on such table.

THE MATURITY AMOUNT OF this Bond are payable in lawful money of the United States of America, without exchange or collection charges. The Maturity Amount or Compounded Amount of this Bond shall be paid to the registered owner hereof upon presentation and surrender of this Bond at maturity or upon the date fixed for its redemption prior to maturity, at the designated payment office of [_____, _____, _____] which is the "Paying Agent/Registrar" for this Bond. The Board covenants with the registered owner of this Bond that on or before the Maturity Date for this Bond it will make available to the Paying Agent/Registrar the amounts required to provide for the payment, in immediately available funds by wire transfer or other means acceptable to the Paying Agent/Registrar, of the Maturity Amount when due, in the manner set forth in the resolution authorizing the issuance of this Bond adopted by the Board (the "Resolution").

[FORM OF REMAINDER OF CURRENT INTEREST BONDS
AND CAPITAL APPRECIATION BONDS]

THIS BOND is one of a series of bonds of like tenor and effect, except as to denomination, number, maturity, interest rate, interest payment, and right of prior redemption, dated _____,

20__, and issued in the aggregate principal amount of \$_____ for the purposes of _____, [and comprised of (i) Bonds in the aggregate principal amount of \$_____ that pay interest only at maturity (the "Capital Appreciation Bonds") and (ii) Bonds in the aggregate principal amount of \$_____ that pay interest semiannually until maturity (the "Current Interest Bonds")].

[THE BONDS maturing on _____, 20__ shall be subject to mandatory redemption at par plus accrued interest in the following amounts on the following dates:

OF THE YEAR

AMOUNT

(final maturity)]

[ON _____, 20__, or on any date thereafter, the Bonds of this Series scheduled to mature on _____, 20__, and thereafter may be redeemed prior to their scheduled maturities, at the option of the Board, with funds derived from any available and lawful source, as a whole, or in part, and, if in part, the particular Bonds, or portion thereof, to be redeemed shall be selected and designated by the Board (provided that a portion of a Bond may be redeemed only in an integral multiple of \$5,000), at a redemption price equal to the principal amount of the Bonds to be redeemed plus accrued interest to the date fixed for redemption; provided that during any period in which ownership of the Bonds is determined by a book entry at a securities depository for the Bonds, if fewer than all of the Bonds of the same maturity and bearing the same interest rate are to be redeemed, the particular Bonds of such maturity and bearing such interest rate shall be selected in accordance with the arrangements between the Board and the securities depository.]

[AT LEAST 30 days prior to the date for any redemption of this Bond prior to maturity, a notice of such redemption shall be sent by the Paying Agent/Registrar by United States mail, first-class postage prepaid, to the registered owner of each Bond, or portion thereof to be redeemed, at its address as it appeared on the Registration Books on the 45th day prior to such redemption date and to each registered securities depository and to any national information service that disseminates such notices; provided, however, that the failure to send, mail, or receive such notice, or any defect therein or in the sending or mailing thereof, shall not affect the validity or effectiveness of the proceedings for the redemption of any Bond. By the date fixed for any such redemption, due provision shall be made by the Board with the Paying Agent/Registrar for the payment of the required redemption price for this Bond or the portion hereof which is to be so redeemed, plus accrued interest thereon to the date fixed for redemption. If such notice of redemption is given, and if due provision for such payment is made, all as provided above, this Bond, or the portion thereof which is to be so redeemed, thereby automatically shall be redeemed prior to its scheduled maturity, and shall not bear interest after the date fixed for its redemption, and shall not be regarded as being outstanding except for the right of the registered owner to receive the redemption price plus accrued interest to the date fixed for redemption from the Paying Agent/Registrar out of the funds provided for such payment. The Paying Agent/Registrar shall record in the Registration Books all such redemptions of principal of this Bond or any portion hereof. If a portion of any Bond shall be redeemed, a substitute Bond or Bonds having the same maturity date, bearing interest at the same rate, in any denomination or denominations in any integral multiple of \$5,000, at the written request of the registered owner, and in an aggregate

principal amount equal to the unredeemed portion thereof, will be issued to the registered owner upon the surrender thereof for cancellation, at the expense of the Board, all as provided in the Resolution.]

IF AT THE TIME of mailing of notice of any optional redemption in connection with a refunding of the Bonds, the Board shall not have deposited with the Paying Agent/Registrar moneys sufficient to redeem all of the Bonds called for redemption, such notice may state that it is conditional in that it is subject to the deposit of the proceeds of refunding bonds with the Paying Agent/Registrar not later than the redemption date, and such notice shall be of no effect unless such moneys are so deposited.

IF THE DATE for the payment of the principal of or interest on this Bond shall be a Saturday, a Sunday, a legal holiday, or a day on which banking institutions in the city where the Paying Agent/Registrar is located are authorized by law or executive order to close, then the date for such payment shall be the next succeeding day which is not such a Saturday, Sunday, legal holiday, or day on which banking institutions are authorized to close; and payment on such date shall have the same force and effect as if made on the original date payment was due.

ALL BONDS OF THIS SERIES are issuable solely as fully registered bonds, without interest coupons, [with respect to the Current Interest Bonds, in the denomination of any integral multiple of \$5,000] [with respect to Capital Appreciation Bonds, in the denomination of \$5,000 Maturity Amounts or any integral multiple thereof.] As provided in the Resolution, this Bond, or any unredeemed portion hereof, may, at the request of the registered owner or the assignee or assignees hereof, be assigned, transferred, and exchanged for a like aggregate principal amount of fully registered bonds, without interest coupons, payable to the appropriate registered owner, assignee, or assignees, as the case may be, having the same maturity date, and bearing interest at the same rate, in any denomination or denominations in any integral multiple of \$5,000 as requested in writing by the appropriate registered owner, assignee, or assignees, as the case may be, upon surrender of this Bond to the Paying Agent/Registrar for cancellation, all in accordance with the form and procedures set forth in the Resolution. Among other requirements for such assignment and transfer, this Bond must be presented and surrendered to the Paying Agent/Registrar, together with proper instruments of assignment, in form and with guarantee of signatures satisfactory to the Paying Agent/Registrar, evidencing assignment of this Bond or any portion or portions hereof in any integral multiple of \$5,000 to the assignee or assignees in whose name or names this Bond or any such portion or portions hereof is or are to be transferred and registered. The form of Assignment printed or endorsed on this Bond may be executed by the registered owner to evidence the assignment hereof, but such method is not exclusive, and other instruments of assignment satisfactory to the Paying Agent/Registrar may be used to evidence the assignment of this Bond or any portion or portions hereof from time to time by the registered owner. The Board shall pay the Paying Agent/Registrar's reasonable standard or customary fees and charges for transferring and exchanging any Bond or portion thereof; provided, however, that any taxes or governmental charges required to be paid with respect thereto shall be paid by the one requesting such transfer and exchange. In any circumstance, neither the Board nor the Paying Agent/Registrar shall be required (i) to make any transfer or exchange during a period beginning at the opening of business 15 calendar days before the day of the first mailing of a notice of redemption of Bonds and ending at the close of business on the day of such mailing or (ii) to transfer or exchange any Bonds so selected for redemption when such redemption is scheduled to

occur within 30 calendar days; provided, however, that such limitation shall not be applicable to an exchange by the registered owner of the uncalled principal balance of a Bond.

IN THE EVENT any Paying Agent/Registrar for the Bonds is changed by the Board, resigns, or otherwise ceases to act as such, the Board has covenanted in the Resolution that it promptly will appoint a competent and legally qualified substitute therefor, and promptly will cause written notice thereof to be mailed to the registered owners of the Bonds.

BY BECOMING the registered owner of this Bond, the registered owner hereby acknowledges all of the terms and provisions of the Resolution, agrees to be bound by such terms and provisions, acknowledges that the Resolution is duly recorded and available for inspection in the official minutes and records of the Board, and agrees that the terms and provisions of this Bond and the Resolution constitute a contract between each registered owner hereof and the Board.

THE BONDS ARE ON A PARITY with Outstanding Parity Bonds, and the Board has reserved the right, subject to the restrictions stated in the Resolution, to issue additional obligations which also may be made payable from, and secured by a lien on and pledge of, the Available University Fund Share (as defined in the Resolution) on a parity with the Bonds, and the Board may issue other obligations payable from the Available University Fund Share junior and subordinate to the Bonds.

THE REGISTERED OWNER HEREOF shall never have the right to demand payment of this obligation out of any funds raised or to be raised by taxation, or from any source whatsoever other than specified in the Resolution.

IT IS HEREBY certified and covenanted that this Bond has been duly and validly authorized, issued, and delivered; that all acts, conditions, and things required or proper to be performed, exist, and be done precedent to or in the authorization, issuance, and delivery of this Bond have been performed, existed, and been done in accordance with law; and that the principal of and interest on this Bond are equally and ratably secured by and payable from a first lien on and pledge of the Available University Fund Share, all in accordance with the Constitutional Provision and other applicable law, on a parity with the lien and pledge securing the Outstanding Parity Bonds.

[remainder of page intentionally left blank]

IN WITNESS WHEREOF this Bond has been signed with the manual or facsimile signature of the [Chairman] [Vice Chairman] of the Board and countersigned with the manual or

facsimile signature of the Executive Director, Board of Regents, and the official seal of the Board has been duly impressed, or placed in facsimile, on this Bond.

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
Executive Director, Board of Regents of
The Texas A&M University System

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
[Chairman] [Vice Chairman], Board of Regents
of The Texas A&M University System

(BOARD SEAL)

* * *

The Initial Bonds shall be in the form set forth above for the Definitive Bonds, except the following shall replace the headings and the first two paragraphs:

[INITIAL CURRENT INTEREST BOND]

NO. T-_____ \$ _____

UNITED STATES OF AMERICA
STATE OF TEXAS

BOARD OF REGENTS OF THE TEXAS A&M UNIVERSITY SYSTEM
PERMANENT UNIVERSITY FUND BONDS, SERIES _____

Issuance Date: _____, 20__

Registered Owner: [Initial Purchaser]

Principal Amount: \$ _____

THE BOARD OF REGENTS OF THE TEXAS A&M UNIVERSITY SYSTEM (the "Board"), for value received, acknowledges itself indebted to and hereby promises to pay to the order of the Registered Owner, specified above, or the registered assigns thereof (the "Registered Owner"), the Principal Amount, specified above, with principal installments payable on July 1 in each of the years, and bearing interest at per annum rates in accordance with the following schedule:

<u>YEARS OF</u> <u>STATED MATURITIES</u>	<u>PRINCIPAL</u> <u>INSTALLMENTS</u>	<u>INTEREST</u> <u>RATES</u>

[(Information to be inserted from schedule in Award Certificate)]

INTEREST on the unpaid Principal Amount hereof from the Issuance Date, specified above, or from the most recent interest payment date to which interest has been paid or duly provided for until the Principal Amount has become due and payment thereof has been made or duly provided for shall be paid computed on the basis of a 360-day year of twelve 30-day months; such interest being payable on _____ and _____ of each year, commencing _____, 20__.

THE PRINCIPAL AND INTEREST ON this Bond are payable in lawful money of the United States of America, without exchange or collection charges. The final payment of principal of this Bond shall be paid to the Registered Owner hereof upon presentation and surrender of this Bond at final maturity, at the designated payment office of [_____, _____], which is the "Paying Agent/Registrar" for this Bond. The payment of principal installments and interest on this Bond shall be made by the Paying Agent/Registrar to the Registered Owner hereof as shown by the "Registration Books" kept by the Paying Agent/Registrar at the close of business on the Record Date (defined below) by check drawn by the Paying Agent/Registrar on, and payable solely from, funds of the Board required to be on

deposit with the Paying Agent/Registrar for such purpose as hereinafter provided; and such check shall be sent by the Paying Agent/Registrar by United States mail, first-class postage prepaid, on each such payment date, to the registered owner hereof at its address as it appears on the Registration Books kept by the Paying Agent/Registrar, as hereinafter described. The record date ("Record Date") for payments hereon means the fifteenth calendar day of the month preceding a scheduled payment. In the event of a non-payment of interest on a scheduled payment date, and for 30 calendar days thereafter, a new Record Date for such payment (a "Special Record Date") will be established by the Paying Agent/Registrar, if and when funds for the payment thereof have been received from the Board. Notice of the Special Record Date and of the scheduled payment date of the past due payment (the "Special Payment Date," which shall be 15 calendar days after the Special Record Date) shall be sent at least five business days prior to the Special Record Date by United States mail, first-class postage prepaid, to the address of the Registered Owner appearing on the books of the Paying Agent/Registrar at the close of business on the last business day next preceding the date of mailing of such notice. The Board covenants with the Registered Owner that no later than each principal installment payment date and interest payment date for this Bond it will make available to the Paying Agent/Registrar the amounts required to provide for the payment, in immediately available funds, of all principal of and interest on this Bond, when due, in the manner set forth in the resolution authorizing the issuance of this Bond adopted by the Board (the "Resolution").

* * *

[INITIAL CAPITAL APPRECIATION BOND]

NO. TR - ____

\$ _____

UNITED STATES OF AMERICA
STATE OF TEXAS

BOARD OF REGENTS OF THE TEXAS A&M UNIVERSITY SYSTEM
PERMANENT UNIVERSITY FUND BONDS, SERIES ____

Issuance Date: _____, 20__

Registered Owner: [Initial Purchaser]

Maturity Amount: \$ _____

THE BOARD OF REGENTS OF THE TEXAS A&M UNIVERSITY SYSTEM (the "Board"), being an agency of the State of Texas, hereby promises to pay to the Registered Owner specified above or the registered assignee hereof (either being hereinafter called the "registered owner") the Maturity Amounts on July 1 in each of the years as set forth in the following schedule:

YEARS OF
STATED MATURITIES

PRINCIPAL
INSTALLMENTS

INTEREST
RATES

[(Information to be inserted from schedule in Award Certificate)]

INTEREST shall accrete on the original principal amount hereof from the Issuance Date specified above at the interest rate per annum specified above (subject to rounding to the Compounded Amounts as provided in the Resolution), compounded semi-annually on _____ and _____ of each year, commencing _____, 20__. For convenience of reference, a table appears on the back of this Bond showing the "Compounded Amount" of the original principal amount per \$5,000 Maturity Amount compounded semiannually at the yield shown on such table.

THE MATURITY AMOUNT OF this Bond is payable in lawful money of the United States of America, without exchange or collection charges. The Maturity Amount or Compounded Amount of this Bond shall be paid to the registered owner hereof upon presentation and surrender of this Bond at maturity or upon the date fixed for its redemption prior to maturity, at the designated payment office of [_____, _____, _____] which is the "Paying Agent/Registrar" for this Bond. The Board covenants with the registered owner of this Bond that on or before the Maturity Date for this Bond it will make available to the Paying Agent/Registrar the amounts required to provide for the payment, in immediately available funds by wire transfer or other means acceptable to the Paying Agent/Registrar, of the Maturity Amount when due, in the manner set forth in the resolution authorizing the issuance of this Bond adopted by the Board (the "Resolution").

TABLE OF ACCRETED VALUES [FOR CAPITAL APPRECIATION BONDS]

The Accreted Value, initial offering price (all per \$5,000 of Maturity Amount), together with the yield to maturity are as follows. Accreted Values are calculated based on the initial offering price and yield to maturity and, except at maturity, do not equal principal amount plus accrued interest.

* * *

[FORM OF PAYING AGENT/REGISTRAR'S AUTHENTICATION CERTIFICATE]

PAYING AGENT/REGISTRAR'S AUTHENTICATION CERTIFICATE

IT IS HEREBY certified that this Bond has been issued under the provisions of the Resolution described in this Bond and that this Bond has been issued in conversion of and exchange for or replacement of a bond, bonds, or a portion of a bond or bonds of an issue which originally was approved by the Attorney General of the State of Texas and registered by the Comptroller of Public Accounts of the State of Texas.

[_____]
as Paying Agent/Registrar

Dated: _____

By: _____
Authorized Representative

* * *

[FORM OF REGISTRATION CERTIFICATE
OF THE COMPTROLLER OF PUBLIC ACCOUNTS]

COMPTROLLER'S REGISTRATION CERTIFICATE

REGISTER NO.

I hereby certify that this Bond has been examined, certified as to validity, and approved by the Attorney General of the State of Texas, and that this Bond has been registered by the Comptroller of Public Accounts of the State of Texas.

Witness my signature and seal this

(COMPTROLLER'S SEAL)

Comptroller of Public Accounts of the State
of Texas

* * *

[FORM OF ASSIGNMENT]

ASSIGNMENT

For value received, the undersigned hereby sells, assigns and transfers unto _____

Please insert Social Security or Taxpayer Identification Number of Transferee

(Please print or typewrite name and address, including zip code, of Transferee.)

the within Certificate and all rights thereunder, and hereby irrevocably constitutes and appoints _____, attorney, to register the transfer of the within Certificate on the books kept for registration thereof, with full power of substitution in the premises.

Dated: _____

Signature Guaranteed:

NOTICE: Signature(s) must be guaranteed by an eligible guarantor institution participating in a securities transfer association recognized signature guarantee program.

NOTICE: The signature above must correspond with the name of the registered owner as it appears upon the front of this Certificate in every particular, without alteration or enlargement or any change whatsoever.

Note: In addition, provisions of the Bond relating to redemption may be changed, completed, or deleted as determined by the Authorized Representative to conform to the terms set forth in the Award Certificate.

AGENDA ITEM BRIEFING

Submitted by: Maria L. Robinson, Chief Investment Officer and Treasurer
The Texas A&M University System

Subject: Adoption of a Resolution Authorizing the Issuance of the Board of Regents of
The Texas A&M University System Revenue Financing System Bonds

Proposed Board Action:

Adopt a resolution authorizing the issuance of Revenue Financing System Bonds.

Background Information:

The resolution provides the authority for the issuance of one or more series of Revenue Financing System Bonds to: convert all or a portion of the commercial paper notes to long-term bonds; provide funds for construction, renovation and other projects; provide funds for property acquisitions; refund all or a portion of the outstanding bonds previously issued by the Board of Regents; and pay the costs of issuing the bonds. The authority in the maximum amount of \$800 million (including issuance costs) will be effective for the period from September 1, 2020 to August 31, 2021.

Bonds will be issued only for those projects approved by the Board of Regents, and the projects which may be financed during this period are estimated at \$233 million.

Previously issued outstanding bonds which are candidates for refunding total approximately \$565 million; however, only those bonds that meet the savings targets will be included in a refunding issue.

A&M System Funding or Other Financial Implications:

Debt service for Revenue Financing System Bonds will be funded with various revenues which may include housing revenue, utility revenue, designated tuition, transportation services, parking revenue, student fees, available university fund, higher education fund, and indirect costs.

Strategic Plan Imperative(s) this Item Advances:

This item advances Strategic Plan Imperative 6, which provides that “The A&M System, in adhering to the high standard of excellence and growth required in this strategic plan, will display prudent financial stewardship and sustainability.”

Agenda Item No. 1.4

THE TEXAS A&M UNIVERSITY SYSTEM
Office of the Chief Investment Officer and Treasurer
July 13, 2020

Members, Board of Regents
The Texas A&M University System

Subject: Adoption of a Resolution Authorizing the Issuance of the Board of Regents of The
Texas A&M University System Revenue Financing System Bonds

I recommend adoption of the following minute order:

“The resolution authorizing the issuance of the Board of Regents of The Texas A&M University System Revenue Financing System Bonds, substantially in the form of the attached exhibit, is adopted. The chief investment officer and treasurer, or other designated financial officer, is hereby authorized to take such actions as are necessary to accomplish the purposes of the resolution, including those relating to the issuance, sale, security and delivery of the bonds, all in accordance with the provisions of the resolution.”

Respectfully submitted,

[ORIGINAL SIGNED BY]

Maria L. Robinson
Chief Investment Officer and Treasurer

Approval Recommended:

[ORIGINAL SIGNED BY]

John Sharp
Chancellor

Approved for Legal Sufficiency:

[ORIGINAL SIGNED BY]

Ray Bonilla
General Counsel

[ORIGINAL SIGNED BY]

Billy Hamilton
Deputy Chancellor and
Chief Financial Officer

ITEM 1.4
EXHIBIT

THIRTY-FIRST SUPPLEMENTAL RESOLUTION TO THE
MASTER RESOLUTION AUTHORIZING THE ISSUANCE,
SALE, AND DELIVERY OF BOARD OF REGENTS OF THE
TEXAS A&M UNIVERSITY SYSTEM REVENUE FINANCING
SYSTEM BONDS IN THE MAXIMUM AGGREGATE
PRINCIPAL AMOUNT OF \$800 MILLION, AND APPROVING
AND AUTHORIZING INSTRUMENTS AND PROCEDURES
RELATING THERETO

Adopted August 20, 2020

THIRTY-FIRST SUPPLEMENTAL RESOLUTION TO THE
MASTER RESOLUTION AUTHORIZING THE ISSUANCE,
SALE, AND DELIVERY OF BOARD OF REGENTS OF THE
TEXAS A&M UNIVERSITY SYSTEM REVENUE FINANCING
SYSTEM BONDS IN THE MAXIMUM AGGREGATE
PRINCIPAL AMOUNT OF \$800 MILLION, AND APPROVING
AND AUTHORIZING INSTRUMENTS AND PROCEDURES
RELATING THERETO

TABLE OF CONTENTS

	<u>Page</u>
Section 1. DEFINITIONS	2
Section 2. AMOUNT, PURPOSE, AND DESIGNATION OF THE BONDS.....	2
Section 3. DATE, DENOMINATIONS, NUMBERS, MATURITIES AND TERMS OF BONDS.....	3
Section 4. INTEREST	6
Section 5. REGISTRATION TRANSFER AND EXCHANGE; BOOK-ENTRY-ONLY SYSTEM; AUTHENTICATION	6
Section 6. FORM OF BONDS.....	11
Section 7. ESTABLISHMENT OF FINANCING SYSTEM AND ISSUANCE OF PARITY OBLIGATIONS.....	11
Section 8. SECURITY AND PAYMENTS.....	11
Section 9. PAYMENTS	12
Section 10. DAMAGED, MUTILATED, LOST, STOLEN, OR DESTROYED BONDS	12
Section 11. AMENDMENT OF SUPPLEMENT	13
Section 12. COVENANTS REGARDING TAX MATTERS	15
Section 13. CONTINUING DISCLOSURE UNDERTAKING.....	17
Section 14. THIRTY-FIRST SUPPLEMENT TO CONSTITUTE A CONTRACT; EQUAL SECURITY.....	20
Section 15. SEVERABILITY OF INVALID PROVISIONS	21
Section 16. PAYMENT AND PERFORMANCE ON BUSINESS DAYS.....	21
Section 17. LIMITATION OF BENEFITS WITH RESPECT TO THE THIRTY-FIRST SUPPLEMENT	21
Section 18. CUSTODY, APPROVAL, BOND COUNSEL'S OPINION, CUSIP NUMBERS, PREAMBLE AND INSURANCE	21
Section 19. REFUNDING OF REFUNDED OBLIGATIONS; ESCROW AGREEMENTS	22

Section 20.	APPLICATION OF BOND PROCEEDS.....	23
Section 21.	FURTHER PROCEDURES	24
Section 22.	APPROVAL OF NOTICE OF SALE AND OFFICIAL STATEMENT.....	25
Section 23.	DTC LETTER OF REPRESENTATIONS	25
Section 24.	ADDITIONAL DEFEASANCE PROVISIONS.....	25
Section 25.	REPEAL OF CONFLICTING RESOLUTIONS	26
Section 26.	DEFEASANCE OF OUTSTANDING PARITY OBLIGATIONS	26
Section 27.	PUBLIC NOTICE.....	27
EXHIBIT A	DEFINITIONS	
EXHIBIT B	FORM OF BOND	

THIRTY-FIRST SUPPLEMENTAL RESOLUTION TO THE
MASTER RESOLUTION AUTHORIZING THE ISSUANCE,
SALE, AND DELIVERY OF BOARD OF REGENTS OF THE
TEXAS A&M UNIVERSITY SYSTEM REVENUE FINANCING
SYSTEM BONDS IN THE MAXIMUM AGGREGATE
PRINCIPAL AMOUNT OF \$800 MILLION, AND APPROVING
AND AUTHORIZING INSTRUMENTS AND PROCEDURES
RELATING THERETO

WHEREAS, the Board of Regents of The Texas A&M University System (the "Board") has adopted a Master Resolution Establishing The Texas A&M University System Revenue Financing System on November 19, 1990, as amended on September 17, 1993 and July 25, 1997 (referred to herein as the "Master Resolution"); and

WHEREAS, unless otherwise defined herein, capitalized terms used herein shall have the meaning given in the Master Resolution; and

WHEREAS, the Master Resolution establishes the Revenue Financing System comprised of each institution and agency presently in The Texas A&M University System, and pledges the Pledged Revenues attributable to each Participant of the Revenue Financing System to the payment of Parity Obligations to be outstanding under the Master Resolution; and

WHEREAS, the Board has previously adopted the First through Thirtieth Supplemental Resolutions to the Master Resolution authorizing Parity Obligations thereunder; and

WHEREAS, the Board has determined to issue Parity Obligations in one or more installments to (i) finance and refinance the cost of acquiring or constructing facilities and improvements for the Participants of the Revenue Financing System, including but not limited to those set forth in The Texas A&M University System Capital Plan; (ii) provide permanent financing for facilities and improvements financed with the proceeds of Refunded Notes; (iii) refund Refunded Bonds; and (iv) pay the costs of issuance relating to such Parity Obligations; and

WHEREAS, for such purposes the Board deems it necessary to issue Parity Obligations pursuant to this Thirty-First Supplement to the Master Resolution (the "Thirty-First Supplement"); and

WHEREAS, pursuant to the Master Resolution, a Designated Financial Officer, has delivered to the Board a certificate stating that, to the best of his or her knowledge, the Board is in compliance with all covenants contained in the Master Resolution and each Supplemental Resolution and is not in default in the performance and observance of any of the terms, provisions, and conditions contained therein; and

WHEREAS, the Bonds authorized to be issued by this Thirty-First Supplement are to be issued and delivered pursuant to Chapter 55, Texas Education Code, and Chapters 1207 and 1371, Texas Government Code,

NOW THEREFORE, BE IT RESOLVED BY THE BOARD OF REGENTS OF THE TEXAS A&M UNIVERSITY SYSTEM THAT:

Section 1. DEFINITIONS.

(a) Definitions. In addition to the definitions set forth in the preamble of this Thirty-First Supplement, the terms used in this Thirty-First Supplement (except in the Form of Bonds) and not otherwise defined shall have the meanings given in the Master Resolution or in Exhibit A to this Thirty-First Supplement attached hereto and made a part hereof.

(b) Construction of Terms. If appropriate in the context of this Thirty-First Supplement, words of the singular number shall be considered to include the plural, words of the plural number shall be considered to include the singular, and words of the masculine, feminine, or neuter gender shall be considered to include the other genders.

Section 2. AMOUNT, PURPOSE, AND DESIGNATION OF THE BONDS.

(a) The Board's "BOARD OF REGENTS OF THE TEXAS A&M UNIVERSITY SYSTEM REVENUE FINANCING SYSTEM BONDS, SERIES _____," are hereby authorized to be issued and delivered in the maximum principal amount (determined without regard to premium or discount affecting the sale price) of \$800 Million, in one or more Series or sub-Series (as Tax-Exempt Bonds, Taxable Bonds or any combination thereof) as determined by the Designated Financial Officer pursuant to the terms of this Thirty-First Supplement. The Bonds shall be designated by the year in which they are awarded pursuant to Section 3 below, and each Series within a year may have a letter designation following the year as determined by the Designated Financial Officer. The title of the Bonds may also be revised by a Designated Financial Officer as reflected in the Award Certificate pursuant to Section 3(b) hereof to reflect the status of the Bonds as Tax-Exempt Bonds or Taxable Bonds, as applicable. The authority conferred by this Thirty-First Supplement to (ii) act on behalf of the Board in selling any Series of Bonds and (ii) award the sale of the Bonds of such Series to a bidder in a competitive sale or execute one or more Bond Purchase Contract(s) pursuant to this Section shall expire at 11:59 p.m. on August 31, 2021 (the "Expiration Date"). Any Series of Bonds awarded pursuant to an official bid form or sold pursuant to a Bond Purchase Contract executed on or before the Expiration Date, may be delivered after such date.

(b) The Bonds are to be issued for the purpose of (i) financing and refinancing the costs of acquiring, purchasing, constructing, improving, enlarging, and equipping the property and facilities of the Participants of the Revenue Financing System; (ii) refunding all or a portion of the Potential Refunded Bonds; (iii) refunding all or a portion of the Board's outstanding Revenue Financing System Commercial Paper Notes (the "Notes") to provide permanent financing for facilities and improvements financed with the proceeds of the Notes; and (iv) paying the costs of issuance related thereto.

(c) To the extent that it is economically reasonable, Section 55.17 Projects may be financed in separate Series of Bonds and the Award Certificate relating to each such Series of Bonds shall show the principal amount of Parity Obligations, including the Bonds, issued for each Participant to finance or refinance Section 55.17 Projects and the additional Parity Obligations that

may be issued pursuant to such sections. Each Series of Bonds issued to refund portions of the Potential Refunded Bonds that were issued pursuant to Section 55.17 Authorization or issued to refund Parity Obligations issued pursuant to Section 55.17 Authorization, or any similar section, may also be included in that separate Series of Bonds.

(d) Each Series of Bonds herein authorized, unless otherwise indicated, are hereinafter referred to as the "Bonds," which may be in the form of fixed or adjustable rate bonds and as either Current Interest Bonds or Capital Appreciation Bonds.

Section 3. DATE, DENOMINATIONS, NUMBERS, MATURITIES AND TERMS OF BONDS.

(a) Terms of Bonds. The Bonds shall initially be issued, sold, and delivered hereunder as fully registered bonds, without interest coupons, in the form of Current Interest Bonds or Capital Appreciation Bonds, numbered consecutively for each Series of Bonds from R-1 upward (or CR-1 upward, in the case of Capital Appreciation Bonds) (except the Initial Bond which shall be numbered T-1 for the Current Interest Bonds and TR-1 for the Capital Appreciation Bonds), payable to the respective initial registered owners thereof, or to the registered assignee or assignees of said bonds or any portion or portions thereof (in each case, the "Registered Owner"), in Authorized Denominations, maturing on the dates, in the years and in the principal amounts, respectively, and dated, all as set forth in the Award Certificate.

(b) Award Certificate. As authorized by Chapter 1371, Government Code, as amended, the Designated Financial Officer is hereby authorized, appointed, and designated to act on behalf of the Board in selling and delivering the Bonds and carrying out, the other procedures specified in this Thirty-First Supplement, including determining and fixing: (i) the date of the Bonds, (ii) any additional or different designation or title by which the Bonds shall be known, (iii) the price at which the Bonds will be sold, (iv) the years in which the Bonds will mature, (v) the principal amount or Maturity Amount of the Bonds to mature in each of such years, (vi) the aggregate principal amount of the Bonds, including the aggregate principal amount of Current Interest Bonds and Capital Appreciation Bonds, (vii) the rate or rates of interest to be borne by each maturity, (viii) the interest payment periods, (ix) the dates, prices, and terms upon and at which the Bonds shall be subject to redemption, (x) the designation of which notes shall constitute the Refunded Notes refunded by the Bonds, (xi) the designation of which Potential Refunded Bonds shall constitute the Refunded Bonds, (xii) the Paying Agent/Registrar and Escrow Agent, if applicable, for the Bonds, (xiii) whether the Bonds shall be issued as Tax-Exempt Bonds or Taxable Bonds, (xiv) the Authorized Denominations for the Bonds, (xv) the date on which the Bonds shall be delivered to the purchaser(s) thereof, which date shall be not more than twelve (12) months following the Expiration Date, and (xvi) all other terms, provisions, details and matters relating to the Bonds and their issuance, sale, and delivery, and the refunding of the Refunded Obligations. All such determinations made by the Designated Financial Officer shall be specified in the Award Certificate delivered to the Executive Director, Board of Regents. Such determinations shall be limited by the following: (1) the price to be paid for the Bonds shall not be less than 95% of the aggregate original principal amount thereof plus accrued interest thereon, if any, from their dated date to their date of initial delivery, (2) none of the Bonds shall bear interest at a rate greater than the maximum rate allowed by law, (3) no Stated Maturity of any Bond shall be later than June 1, 2063, (4) the aggregate principal amount of the Bonds shall not exceed the

amount authorized in Section 2(a) hereof, and (5) Bonds shall be issued to refund all or a portion of the Potential Refunded Bonds only if that refunding, assuming that each Series sold and delivered at the same time is one Series of Bonds, results in the minimum present value savings set forth in the following paragraph.

Each Series of Bonds to be issued, in whole or in part, to refund Refunded Bonds must be sold on terms that produce a present value savings when the scheduled debt service payable on such Bonds during each Bond Year is subtracted from the scheduled debt service payable on the Refunded Bonds during the same Bond Year and the remainder is discounted to the scheduled date of delivery of the Bonds of such Series set forth in the Award Certificate at a discount factor equal to the yield on such Bonds determined in accordance with section 148 of the Code. The amount of the savings to be realized from the refunding shall be shown in the Award Certificate. The Award Certificate for each Series that is issued to refund Refunded Bonds or Refunded Notes shall also identify the Refunded Bonds or Refunded Notes being refunded by that Series.

It is further provided, however, that, notwithstanding the foregoing provisions, the Bonds shall not be delivered unless prior to delivery (i) the Award Certificate has been executed and delivered as required by this Thirty-First Supplement and (ii) the Bonds have been rated by a Nationally-Recognized Rating Agency in one of the four highest rating categories for long-term obligations, as required by Chapter 1371, Texas Government Code, as amended.

The Designated Financial Officer is authorized and directed to determine which facilities and improvements will be financed or refinanced with the proceeds of the Bonds taking into account (i) the scheduled completion dates of the improvements and facilities financed with the proceeds of the Bonds, (ii) the economic projections for each such facility and improvement and the Participant on whose campus the facility or improvement is located and (iii) which Section 55.17 Projects are being undertaken and the projected budget impact on the Financing System of such financing. The designation of which improvements or facilities are to be financed or refinanced with the proceeds of the Bonds shall be set forth in the Award Certificate. Before the Designated Financial Officer may determine that any improvement or facility is to be financed or refinanced with the proceeds of the Bonds, (i) the improvement or facility must have been approved for construction and financing by the Board, (ii) the Board must have made the findings required by Section 5 of the Master Resolution with respect to the Parity Obligations to be issued for such improvement or facility, and (iii) the project must have received any required approval or review of the Higher Education Coordinating Board to the extent and as required by the provisions of Section 61.058 of the Texas Education Code.

Each Award Certificate is hereby incorporated in and made a part of this Thirty-First Supplement and shall be filed in the minutes of the Board as a part of this Thirty-First Supplement.

(c) Sale of the Bonds. To achieve the lowest borrowing costs for the Participants of the Financing System, each Series of Bonds shall be sold to the public on either a negotiated or competitive basis as determined by the Designated Financial Officer in the Award Certificate for that Series of Bonds. In determining whether to sell a Series of Bonds by negotiated or competitive sale, the Designated Financial Officer shall take into account the financial condition of the State, the System, and the Financing System, any material disclosure issues that might exist at the time, the market conditions expected at the time of the sale, the achievement of the HUB goals of the

Board, and any other matters that, in the judgment of the Designated Financial Officer, might affect the net borrowing costs on the Series of Bonds to be sold.

If the Designated Financial Officer determines that a Series of Bonds should be sold at a competitive sale, the Designated Financial Officer shall prepare a notice of sale and Official Statement in such manner as the Designated Financial Officer deems appropriate, to make the notice of sale and Official Statement available to those institutions and firms wishing to submit a bid for the Series of Bonds, to receive such bids, and to award the sale of the Series of Bonds to the bidder submitting the best bid in accordance with the provisions of the notice of sale. If the Designated Financial Officer determines that a Series of Bonds should be sold by a negotiated sale, the Designated Financial Officer shall designate the senior managing underwriter for such Series of Bonds and such additional investment banking firms as he or she deems appropriate to assure that the Bonds are sold on the most advantageous terms to the Financing System. The Designated Financial Officer, acting for and on behalf of the Board, is authorized to enter into and carry out the terms of a Bond Purchase Contract for each Series of the Bonds to be sold by negotiated sale, with the underwriter(s) thereof at such price, with and subject to such terms as determined by the Designated Financial Officer pursuant to subsection (b) above. The Designated Financial Officer's approval of a Bond Purchase Contract shall be conclusively evidenced by said Designated Financial Officer's execution thereof.

(d) In General. The Bonds (i) may and shall be redeemed prior to the respective scheduled maturity dates, (ii) may be assigned and transferred, (iii) may be exchanged for other Bonds, (iv) shall have the characteristics, (v) shall be signed and sealed, and (vi) shall be subject to redemption prior to maturity, and the principal of and interest on the Bonds shall be payable, all as provided, and in the manner required or indicated, in the FORM OF BONDS set forth in Exhibit B to this Thirty-First Supplement and as determined by the Designated Financial Officer as provided herein, with such changes and additions as are required to be consistent with the terms and provisions shown in the Award Certificate relating to the Bonds.

(e) Delegation to Establish Sinking Fund for Balloon Debt. In the event that the Designated Financial Officer determines to issue Bonds that constitute Balloon Debt, the Designated Financial Officer may upon determining that it is in the best interests of the Board provide in the Award Certificate for (i) the establishment of a sinking fund for such Balloon Debt, (ii) the accumulation of amounts in such sinking fund either by a fixed schedule stated in such Award Certificate or by a formula setting forth the amount and timing of required contributions that in each case is sufficient to provide for the payment of all amounts due on such Balloon Debt, and (iii) any restrictions with respect to such sinking fund, including the investment thereof, necessary to ensure compliance with any applicable provisions of the Code.

(f) Finding Regarding Section 1207.008(b), Government Code. Pursuant to Section 1207.008(b), Government Code, it is hereby found that it is not practicable or possible to make the determination required by Section 1207.008(a), Government Code, in connection with the issuance of the Bonds to refund the Refunded Obligations. A portion of the Bonds is being authorized to refund the Refunded Notes to provide permanent financing for the improvements and facilities financed by the Refunded Notes. It is not possible to determine what the difference in debt service would be if the Refunded Notes were not refunded.

Section 4. INTEREST. Except as may be otherwise provided in the Award Certificate for the Bonds, (a) Current Interest Bonds of each Series of Bonds shall bear interest calculated on the basis of a 360-day year composed of twelve 30-day months from the dates specified in the FORM OF BONDS and in the Award Certificate to their respective dates of maturity at the rates set forth in the Award Certificate and (b) Capital Appreciation Bonds of each Series of Bonds shall bear interest from the Issuance Date for such Series of Bonds, calculated on the basis of a 360-day year composed of twelve 30-day months (subject to rounding to the Compounded Amounts thereof), compounded semiannually on the dates set forth in the Award Certificate (the "Compounding Dates") commencing on the date set forth in the Award Certificate, and payable, together with the principal amount thereof, in the manner provided in the FORM OF BONDS at the rates set forth in the Award Certificate.

Attached to the Award Certificate, if Capital Appreciation Bonds are to be issued, shall be an Exhibit (the "Compounded Amount Table") which will set forth the rounded original principal amounts at the Issuance Date for the Capital Appreciation Bonds and the Compounded Amounts and Maturity Amounts thereof (per \$5,000 Maturity Amount) as of each Compounding Date, commencing on the date set forth in the Award Certificate, and continuing until the final maturity of such Capital Appreciation Bonds. The Compounded Amount with respect to any date other than a Compounding Date is the amount set forth on the Compounded Amount Table with respect to the last preceding Compounding Date, plus the portion of the difference between such amount and the amount set forth on the Compounded Amount Table with respect to the next succeeding Compounding Date that the number of days (based on 30-day months) from such last preceding Compounding Date to the date for which such determination is being calculated bears to the total number of days (based on 30-day months) from such last preceding Compounding Date to the next succeeding Compounding Date.

**Section 5. REGISTRATION TRANSFER AND EXCHANGE;
BOOK-ENTRY-ONLY SYSTEM; AUTHENTICATION.**

(a) Paying Agent/Registrar. The Designated Financial Officer is authorized to solicit bids for and to select a Paying Agent/Registrar for the Bonds. The Designated Financial Officer is also authorized to enter into and carry out a Paying Agent/Registrar Agreement with the Paying Agent/Registrar with respect to the Bonds in substantially the form previously approved by the Board.

(b) Registration Books. The Board shall keep Registration Books for the registration of the transfer, exchange, and replacement of Bonds, and the Board hereby designates the Paying Agent/Registrar as the initial registrar and transfer agent to keep such Registration Books and make such registrations of transfers, exchanges, and replacements under such reasonable regulations as the Board may prescribe; and the Paying Agent/Registrar shall make such registrations, transfers, exchanges, and replacements as herein provided. The Paying Agent/Registrar shall obtain and record in the Registration Books the address of the Registered Owner of each Bond to which payments with respect to the Bonds shall be mailed, as herein provided; but it shall be the duty of each Registered Owner to notify the Paying Agent/Registrar in writing of the address to which payments shall be mailed, and such interest payments shall not be mailed unless such notice has been given. The Board shall have the right to inspect the Registration Books during regular business hours of the Paying Agent/Registrar, but otherwise the Paying Agent/Registrar shall keep

the Registration Books confidential and, unless otherwise required by law, shall not permit their inspection by any other entity.

(c) Ownership of Bonds. The entity in whose name any Bond shall be registered in the Registration Books at any time shall be deemed and treated as the absolute owner thereof for all purposes of this Thirty-First Supplement, whether or not such Bond shall be overdue, and, to the extent permitted by law, the Board and the Paying Agent/Registrar shall not be affected by any notice to the contrary; and payment of, or on account of, the principal of, premium, if any, and interest on any such Bond shall be made only to such Registered Owner. All such payments shall be valid and effectual to satisfy and discharge the liability upon such Bond to the extent of the sum or sums so paid.

(d) Payment of Bonds and Interest. The Board hereby further appoints the Paying Agent/Registrar to act as the paying agent for paying the principal of and interest on the Bonds, all as provided in this Thirty-First Supplement. The Paying Agent/Registrar shall keep proper records of all payments made by the Board and the Paying Agent/Registrar with respect to the Bonds.

(e) Authentication. The Initial Bond shall be delivered to the initial purchaser and is not required to be, and shall not be, authenticated by the Paying Agent/Registrar, but on each Bond issued in exchange for the Initial Bond or any Bond or Bonds issued under this Thirty-First Supplement the Paying Agent/Registrar shall execute the Paying Agent/Registrar's Authentication Certificate, in the form set forth in the FORM OF BONDS set forth in this Thirty-First Supplement.

(f) Transfer, Exchange, or Replacement. Each Bond issued and delivered pursuant to this Thirty-First Supplement, to the extent of the unpaid or unredeemed principal amount or Maturity Amount thereof, upon surrender of such Bond at a designated corporate trust office of the Paying Agent/Registrar, together with a written request therefor duly executed by the registered owner or the assignee or assignees thereof, or its or their duly authorized attorneys or representatives, with guarantee of signatures satisfactory to the Paying Agent/Registrar, may, at the option of the Registered Owner or such assignee or assignees, as appropriate, be exchanged for fully registered bonds, without interest coupons, in the appropriate form prescribed in the FORM OF BONDS set forth in this Thirty-First Supplement, in the denomination of any Authorized Denominations (subject to the requirement hereinafter stated that each substitute Bond shall be of the same Series and have a single stated maturity date) as requested in writing by such Registered Owner or such assignee or assignees, in an aggregate principal amount or Maturity Amount equal to the unpaid or unredeemed principal amount or Maturity Amount of any Bond or Bonds so surrendered, and payable to the appropriate Registered Owner, assignee, or assignees, as the case may be. If a portion of any Bond shall be redeemed prior to its scheduled maturity as provided herein, a substitute Bond or Bonds having the same Series designation and maturity date, bearing interest at the same rate, and payable in the same manner, in Authorized Denominations at the request of the Registered Owner, and in aggregate principal amount equal to the unredeemed portion, thereof, will be issued to the Registered Owner upon surrender thereof for cancellation. If any Bond or portion thereof is assigned and transferred, each Bond issued in exchange therefor shall have the same Series designation and maturity date and bear interest at the same rate and be payable in the same manner as the Bond for which it is being exchanged. Each substitute Bond shall bear a letter and/or number to distinguish it from each other Bond. The Paying

Agent/Registrar shall exchange or replace Bonds as provided herein, and each fully registered bond delivered in exchange for or replacement of any Bond or portion thereof as permitted or required by any provision of this Thirty-First Supplement shall constitute one of the Bonds for all purposes of this Thirty-First Supplement, and may again be exchanged or replaced. On each substitute Bond issued in exchange for or replacement of any Bond or Bonds issued under this Thirty-First Supplement there shall be printed an Authentication Certificate, in the form set forth in Exhibit B to this Thirty-First Supplement. An authorized representative of the Paying Agent/Registrar shall, before the delivery of any such Bond, date and manually sign the above Authentication Certificate, and, except as provided in (e) above, no such Bond shall be deemed to be issued or outstanding unless such Certificate is so executed. The Paying Agent/Registrar promptly shall cancel all Bonds surrendered for transfer, exchange, or replacement. No additional resolutions need be passed or adopted by the Board or any other body or person so as to accomplish the foregoing transfer, exchange, or replacement of any Bond or portion thereof, and the Paying Agent/Registrar shall provide for the printing, execution, and delivery of the substitute Bonds in the manner prescribed herein. Pursuant to Chapter 1203, Texas Government Code, as amended, the duty of transfer, exchange, or replacement of Bonds as aforesaid is hereby imposed upon the Paying Agent/Registrar, and, upon the execution of the above Paying Agent/Registrar's Authentication Certificate, the exchanged or replaced Bond shall be valid, incontestable, and enforceable in the same manner and with the same effect as the Bonds which were originally issued pursuant to this Thirty-First Supplement. The Board shall pay the Paying Agent/Registrar's standard or customary fees and charges, if any, for transferring, and exchanging any Bond or any portion thereof, but the one requesting any such transfer and exchange shall pay any taxes or governmental charges required to be paid with respect thereto as a condition precedent to the exercise of such privilege. The Paying Agent/Registrar shall not be required to make any such transfer, exchange, or replacement of Bonds or any portion thereof during the period commencing with the close of business on any Record Date and ending with the opening of business on the next following interest payment date. To the extent possible, any new Bond issued in an exchange, replacement, or transfer of a Bond will be delivered to the Registered Owner or assignee of the Registered Owner not more than three business days after the receipt of the Bonds to be cancelled and the written request as described above.

(g) Substitute Paying Agent/Registrar. The Board covenants with the Registered Owners of the Bonds that at all times while the Bonds are outstanding the Board will provide a competent and legally qualified bank, trust company, financial institution, or other agency to act as and perform the services of Paying Agent/Registrar for the Bonds under this Thirty-First Supplement. The Board reserves the right to, and may, at its option, change the Paying Agent/Registrar upon not less than 60 days written notice to the Paying Agent/Registrar, to be effective not later than 60 days prior to the next principal or interest payment date after such notice. In the event that the entity at any time acting as Paying Agent/Registrar (or its successor by merger, acquisition, or other method) should resign or otherwise cease to act as such, the Board covenants that promptly it will appoint a competent and legally qualified bank, trust company, financial institution, or other agency to act as Paying Agent/Registrar under this Thirty-First Supplement. Upon any change in the Paying Agent/Registrar, the previous Paying Agent/Registrar promptly shall transfer and deliver the Registration Books (or a copy thereof), along with all other pertinent books and records relating to the Bonds, to the new Paying Agent/Registrar designated and appointed by the Board. Upon any change in the Paying Agent/Registrar, the Board promptly will cause a written notice thereof to be sent by the new Paying Agent/Registrar to each Registered

Owner of the Bonds, by United States mail, first-class postage prepaid, which notice also shall give the address of the new Paying Agent/Registrar. By accepting the position and performing as such, each Paying Agent/Registrar shall be deemed to have agreed to the provisions of this Thirty-First Supplement, and a certified copy of this Thirty-First Supplement shall be delivered to each Paying Agent/Registrar.

(h) Book-Entry-Only System. The Definitive Bonds shall be initially issued in the form of a separate single fully registered Bond for each of the maturities thereof. Upon initial issuance, the ownership of each such Bond shall be registered in the name of Cede & Co., as nominee of the Depository Trust Company, New York, New York ("DTC"), and except as provided in subsection (I) hereof, all of the Outstanding Bonds shall be registered in the name of Cede & Co., as nominee of DTC.

With respect to Bonds registered in the name of Cede & Co., as nominee of DTC, the Board and the Paying Agent/Registrar shall have no responsibility or obligation to any DTC Participant or to any person on behalf of whom such a DTC Participant holds an interest on the Bonds. Without limiting the immediately preceding sentence, the Board and the Paying Agent/Registrar shall have no responsibility or obligation with respect to (i) the accuracy of the records of DTC, Cede & Co. or any DTC Participant with respect to any ownership interest in the Bonds, (ii) the delivery to any DTC Participant or any other person, other than a Bondholder, as shown on the Registration Books, of any notice with respect to the Bonds, including any notice of redemption, or (iii) the payment to any DTC Participant or any other person, other than a Bondholder, as shown in the Registration Books of any amount with respect to principal of, premium, if any, or interest on the Bonds. Notwithstanding any other provision of this Thirty-First Supplement to the contrary, but to the extent permitted by law, the Board and the Paying Agent/Registrar shall be entitled to treat and consider the person in whose name each Bond is registered in the Registration Books as the absolute owner of such Bond for the purpose of payment of principal, premium, if any, and interest with respect to such Bond, for the purpose of giving notices of redemption and other matters with respect to such Bond, for the purpose of registering transfers with respect to such Bond, and for all other purposes whatsoever. The Paying Agent/Registrar shall pay all principal of, premium, if any, and interest on the Bonds only to or upon the order of the respective owners, as shown in the Registration Books as provided in this Thirty-First Supplement, or their respective attorneys duly authorized in writing, and all such payments shall be valid and effective to fully satisfy and discharge the Board's obligations with respect to payment of principal of, premium, if any, and interest on the Bonds to the extent of the sum or sums so paid. No person other than an owner, as shown in the Registration Books, shall receive a Bond certificate evidencing the obligation of the Board to make payments of principal, premium, if any, and interest pursuant to this Thirty-First Supplement. Upon delivery by DTC to the Paying Agent/Registrar of written notice to the effect that DTC has determined to substitute a new nominee in place of Cede & Co., and subject to the provisions in this Thirty-First Supplement with respect to interest checks being mailed to the Registered Owner at the close of business on the Record Date, the word "Cede & Co." in this Thirty-First Supplement shall refer to such new nominee of DTC.

(i) Successor Securities Depository; Transfers Outside Book-Entry-Only System. In the event that the Board determines to discontinue the use of the Book-Entry-Only System through DTC, or DTC determines to discontinue providing its services with respect to the Bonds the Board shall (i) appoint a successor securities depository, qualified to act as such under Section 17(a) of

the Securities and Exchange Act of 1934, as amended, notify DTC and DTC Participants of the appointment of such successor securities depository and transfer one or more separate Bonds to such successor securities depository or (ii) notify DTC and DTC Participants of the availability through DTC of Bonds and transfer one or more separate Bonds to DTC Participants having Bonds credited to their DTC accounts. In such event, the Bonds shall no longer be restricted to being registered in the Registration Books in the name of Cede & Co., as nominee of DTC, but may be registered in the name of the successor securities depository, or its nominee, or in whatever name or names Bondholders transferring or exchanging Bonds shall designate, in accordance with the provisions of this Thirty-First Supplement. Whenever a successor securities depository has been appointed pursuant to this paragraph, the terms DTC and DTC Participant as used in this Thirty-First Supplement shall refer to such successor securities depository and its participants, respectively.

(j) Payments to Cede & Co. Notwithstanding any other provision of this Thirty-First Supplement to the contrary, so long as any Bond is registered in the name of Cede & Co., as nominee of DTC, all payments with respect to principal of, premium, if any, and interest on such Bond and all notices with respect to such Bond shall be made and given, respectively, in the manner provided in the Representation Letter.

(k) Notice of Redemption and Defeasance.

(i) In addition to the notice of redemption set forth in the FORM OF BONDS, the Designated Financial Officer shall give notice of redemption or defeasance to the Paying Agent/Registrar at least forty-five (45) days prior to a redemption date in the case of a redemption and on the defeasance date in the case of a defeasance and the Paying Agent/Registrar shall give notice of redemption or of defeasance of Bonds by mail, first-class postage prepaid at least thirty (30) days prior to a redemption date and within thirty (30) days after a defeasance date to each registered securities depository and to any national information service that disseminates such notices.

(ii) In addition, in the event of a redemption caused by an advance refunding of the Bonds, the Paying Agent/Registrar shall send a second notice of redemption to the persons specified in the immediately preceding sentence at least thirty (30) days but not more than ninety (90) days prior to the actual redemption date. Any notice sent to the registered securities depositories or such national information services shall be sent so that they are received at least two (2) days prior to the general mailing or publication date of such notice. The Paying Agent/Registrar shall also send a notice of prepayment or redemption to the Registered Owner of any Bond who has not sent the Bonds in for redemption sixty (60) days after the redemption date.

(iii) Each notice of redemption or defeasance, whether required in the FORM OF BONDS or in this Section, shall contain a description of the Bonds to be redeemed or defeased including the complete name of the Bonds, the date of issue, the interest rate, the maturity date, the CUSIP number, the amount called of each maturity, the publication and mailing date for the notice, the date of redemption or defeasance, the redemption price, if any, the name of the Paying Agent/Registrar and the address at which the Bonds may be redeemed or paid, including a contact person and telephone number.

(iv) All redemption payments made by the Paying Agent/Registrar to the Registered Owners of the Bonds shall include a CUSIP number relating to each amount paid to such Registered Owner.

(v) If at the time of mailing of notice of any optional redemption in connection with a refunding of the Bonds, the Board shall not have deposited with the Paying Agent/Registrar or an eligible financial institution moneys sufficient to redeem all of the Bonds called for redemption, such notice may state that it is conditional in that it is subject to the deposit of the proceeds of refunding bonds with the Paying Agent/Registrar or an eligible financial institution not later than the redemption date, and such notice shall be of no effect unless such moneys are so deposited.

Section 6. FORM OF BONDS. The form of the Bonds, including the form of Paying Agent/Registrar's Authentication Certificate, the form of Assignment and the form of Registration Certificate of the Comptroller of Public Accounts of the State of Texas, if needed with respect to the Bonds initially issued and delivered pursuant to this Thirty-First Supplement, shall be, respectively, substantially as set forth in Exhibit B, with such appropriate variations, omissions, or insertions as are permitted or required by this Thirty-First Supplement and the Award Certificate, including specifically information relating to Capital Appreciation Bonds and Current Interest Bonds, redemption provisions, and the information to be included in the purpose clause.

Section 7. ESTABLISHMENT OF FINANCING SYSTEM AND ISSUANCE OF PARITY OBLIGATIONS. By adoption of the Master Resolution the Board has established The Texas A&M University System Revenue Financing System for the purpose of providing a financing structure for revenue supported indebtedness of the institutions and agencies of The Texas A&M University System which are from time to time included as Participants of the Financing System. The Master Resolution is intended to establish a master plan under which revenue supported debt of the Financing System can be incurred. This Thirty-First Supplement provides for the authorization, issuance, sale, delivery, form, characteristics, provisions of payment and redemption, and security of the Bonds as Parity Obligations. The Master Resolution is incorporated herein by reference and as such made a part hereof for all purposes, except to the extent modified and supplemented hereby, and the Bonds are hereby declared to be Parity Obligations under the Master Resolution. As required by Section 5(a) of the Master Resolution, the Board hereby determines that, upon the issuance of the Bonds, it will have sufficient funds to meet the financial obligations of The Texas A&M University System, including sufficient Pledged Revenues to satisfy the Annual Debt Service Requirements of the Financing System and to meet all financial obligations of the Board relating to the Financing System and that the Participants on whose behalf the Bonds are to be issued possess the financial capacity to satisfy their Direct Obligations after taking the Bonds into account.

Section 8. SECURITY AND PAYMENTS. The Bonds are special obligations of the Board payable from and secured solely by the Pledged Revenues pursuant to the Master Resolution and this Thirty-First Supplement. The Pledged Revenues are hereby pledged, subject to the liens securing Prior Encumbered Obligations, to the payment of the principal of, premium, if any, and interest on Parity Obligations, including the Bonds, as the same shall become due and payable. The Board agrees to pay the principal of, premium, if any, and the interest on the Bonds when due, whether by reason of maturity or redemption.

Section 9. PAYMENTS.

(a) Immediately after the delivery of the Bonds, the Board shall deposit all accrued interest received from the sale and delivery of the Bonds to the credit of a special account to be held to pay interest on the Bonds on the first interest payment date.

(b) Semiannually on or before each principal, redemption, or interest payment date while any of the Bonds are outstanding and unpaid, commencing on the first interest payment date for the Bonds as provided in the Award Certificate, the Board shall make available to the Paying Agent/Registrar, money sufficient to pay such interest on and such principal of the Bonds, including the Maturity Amount of any Capital Appreciation Bonds, as will accrue or mature, or be subject to mandatory redemption prior to maturity, on such principal, redemption, or interest payment date. The Paying Agent/Registrar shall cancel all paid Bonds and shall furnish the Board with an appropriate certificate of cancellation.

Section 10. DAMAGED, MUTILATED, LOST, STOLEN, OR DESTROYED BONDS.

(a) Replacement Bonds. In the event any outstanding Bond is damaged, mutilated, lost, stolen, or destroyed, the Paying Agent/Registrar shall cause to be printed, executed, and delivered, a new bond of the same Series, principal amount, Maturity Amount, maturity and interest rate, and in the same form, as the damaged, mutilated, lost, stolen, or destroyed Bond, in replacement for such Bond in the manner hereinafter provided.

(b) Application for Replacement Bonds. Application for replacement of damaged, mutilated, lost, stolen, or destroyed Bonds shall be made to the Paying Agent/Registrar. In every case of loss, theft, or destruction of a Bond, the applicant for a replacement bond shall furnish to the Board and to the Paying Agent/Registrar such security or indemnity as may be required by them to save each of them harmless from any loss or damage with respect thereto. Also, in every case of loss, theft, or destruction of a Bond, the applicant shall furnish to the Board and to the Paying Agent/Registrar evidence to their satisfaction of the loss, theft, or destruction of such Bond, as the case may be. In every case of damage or mutilation of a Bond, the applicant shall surrender to the Paying Agent/Registrar for cancellation the Bond so damaged or mutilated.

(c) Payment in Lieu of Replacement. Notwithstanding the foregoing provisions of this Section, in the event any such Bond shall have matured, and no default has occurred which is then continuing in the payment of the principal, Maturity Amount, redemption premium, if any, or interest on the Bond, the Board may authorize the payment of the same (without surrender thereof except in the case of a damaged or mutilated Bond) instead of issuing a replacement Bond, provided security or indemnity is furnished as above provided in this Section.

(d) Charge for Issuing Replacement Bonds. Prior to the issuance of any replacement Bond, the Paying Agent/Registrar shall charge the owner of such Bond with all legal, printing, and other expenses in connection therewith. Every replacement Bond issued pursuant to the provisions of this Section by virtue of the fact that any Bond is lost, stolen, or destroyed shall constitute a contractual obligation of the Board whether or not the lost, stolen, or destroyed Bond shall be found at any time, or be enforceable by anyone, and shall be entitled to all the benefits of this

Thirty-First Supplement equally and proportionately with any and all other Bonds duly issued under this Thirty-First Supplement.

(e) Authority for Issuing Replacement Bonds. In accordance with Chapter 1203, Texas Government Code, as amended, this Section shall constitute authority for the issuance of any such replacement Bond without the necessity of further action by the Board or any other body or person, and the duty of the replacement of such Bonds is hereby authorized and imposed upon the Paying Agent/Registrar, and the Paying Agent/Registrar shall authenticate and deliver such Bonds in the form and manner and with the effect, as provided in Section 5(e) of this Thirty-First Supplement for Bonds issued in exchange and replacement for other Bonds.

Section 11. AMENDMENT OF SUPPLEMENT.

(a) Amendments Without Consent. This Thirty-First Supplement and the rights and obligations of the Board and of the owners of the Bonds may be modified or amended at any time without notice to or the consent of any owner of the Bonds or any other Parity Obligations, solely for any one or more of the following purposes:

(i) To add to the covenants and agreements of the Board contained in this Thirty-First Supplement, other covenants and agreements thereafter to be observed, or to surrender any right or power reserved to or conferred upon the Board in this Thirty-First Supplement;

(ii) To cure any ambiguity or inconsistency, or to cure or correct any defective provisions contained in this Thirty-First Supplement, upon receipt by the Board of an opinion of Bond Counsel that the same is needed for such purpose and will more clearly express the intent of this Thirty-First Supplement;

(iii) To supplement the security for the Bonds, replace or provide additional credit facilities, or change the form of the Bonds or make such other changes in the provisions hereof as the Board may deem necessary or desirable and which shall not, in the judgment of the Board, materially adversely affect the interests of the owners of the Outstanding Bonds;

(iv) To make such other changes in the provisions of this Thirty-First Supplement as the Board may deem necessary or desirable and which does not, in the judgment of the Board, materially adversely affect the interests of the owners of Parity Obligations; or

(v) To make any changes or amendments requested by any National-Recognized Rating Agency then rating or requested to rate Bonds, as a condition to the issuance or maintenance of a rating, which changes or amendments do not, in the judgment of the Board, materially adversely affect the interests of the owners of the Outstanding Bonds.

(b) Amendments With Consent. Subject to the other provisions of this Thirty-First Supplement, the owners of Outstanding Bonds aggregating fifty-one percent (51%) in Outstanding Principal Amount of Bonds shall have the right from time to time to approve any amendment,

other than amendments described in subsection (a) of this Section, to this Thirty-First Supplement which may be deemed necessary or desirable by the Board; provided, however, that nothing herein contained shall permit or be construed to permit, without the approval of the owners of all of the Outstanding Bonds, the amendment of the terms and conditions in this Thirty-First Supplement or in the Bonds so as to:

- (i) Make any change in the maturity of the Outstanding Bonds;
- (ii) Reduce the rate of interest borne by Outstanding Bonds;
- (iii) Reduce the amount of the principal or Maturity Amount payable on Outstanding Bonds;
- (iv) Modify the terms of payment of principal or Maturity Amount of or interest on the Outstanding Bonds, or impose any conditions with respect to such payment;
- (v) Affect the rights of the owners of less than all Bonds then Outstanding; or
- (vi) Change the minimum percentage of the Outstanding Principal Amount of Bonds necessary for consent to such amendment.

(c) Notice. If at any time the Board shall desire to amend this Thirty-First Supplement pursuant to (b) above, the Board shall cause notice of the proposed amendment to be published in a financial newspaper or journal of general circulation in the City of New York, New York, once during each calendar week for at least two successive calendar weeks or disseminated by electronic means customarily used to convey notices of redemption. Such notice shall briefly set forth the nature of the proposed amendment and shall state that a copy thereof is on file at the principal office of the Registrar for inspection by all owners of Bonds. Such publication is not required, however, if the Board gives or causes to be given such notice in writing to each owner of Bonds.

(d) Receipt of Consents. Whenever at any time not less than thirty days, and within one year, from the date of the first publication of said notice or other service of written notice of the proposed amendment the Board shall receive an instrument or instruments executed by all of the owners or the owners of at least fifty-one percent (51%) in Outstanding Principal Amount of Bonds, as appropriate, which instrument or instruments shall refer to the proposed amendment described in said notice and which specifically consent to and approve such amendment in substantially the form of the copy thereof on file as aforesaid, the Board may adopt the amendatory resolution in substantially the same form.

(e) Effect of Amendments. Upon the adoption by the Board of any resolution to amend this Thirty-First Supplement pursuant to the provisions of this Section, this Thirty-First Supplement shall be deemed to be amended in accordance with the amendatory resolution, and the respective rights, duties, and obligations of the Board and all the owners of then Outstanding Bonds and all future Bonds shall thereafter be determined, exercised, and enforced under the Master Resolution and this Thirty-First Supplement, as amended.

(f) Consent Irrevocable. Any consent given by any owner of Bonds pursuant to the provisions of this Section shall be irrevocable for a period of six (6) months from the date of the

first publication or other service of the notice provided for in this Section, and shall be conclusive and binding upon all future owners of the same Bonds during such period. Such consent may be revoked at any time after six months from the date of the first publication of such notice by the owner who gave such consent, or by a successor in title, by filing notice thereof with the Registrar and the Board, but such revocation shall not be effective if the owners of fifty-one percent (51%) in Outstanding Principal Amount of Bonds, prior to the attempted revocation, consented to and approved the amendment.

(g) Ownership. For the purpose of this Section, the ownership and other matters relating to all Bonds registered as to ownership shall be determined from the registration books kept by the Registrar therefor. The Registrar may conclusively assume that such ownership continues until written notice to the contrary is served upon the Registrar.

Section 12. COVENANTS REGARDING TAX MATTERS.

The Board covenants that it will monitor and control the receipt, investment, expenditure and use of all gross proceeds of the Tax-Exempt Bonds (including all property the acquisition, construction or improvement of which is to be financed directly or indirectly with the proceeds of the Tax-Exempt Bonds) and take or omit to take such other and further actions as may be required by sections 103 and 141 through 150 of the Internal Revenue Code of 1986, as amended (the "Code") and all applicable temporary, proposed and final regulations (the "Regulations") to cause interest on the Tax-Exempt Bonds to be and remain excludable from the gross income, as defined in section 61 of the Code, of the owners of the Tax-Exempt Bonds for federal income tax purposes. Without limiting the generality of the foregoing, the Board shall comply with each of the following covenants:

(a) The Board will use all of the proceeds of the Tax-Exempt Bonds to (i) provide funds for the purposes described in Section 2 hereof, which will be owned and operated by the Board and (ii) to pay the costs of issuing the Tax-Exempt Bonds. The Board will not use any portion of the proceeds of the Tax-Exempt Bonds to pay the principal of or interest or redemption premium on, any other obligation of the Board or a related person.

(b) The Board will not directly or indirectly take any action, or omit to take any action, which action or omission would cause the Tax-Exempt Bonds to constitute "private activity bonds" within the meaning of section 141(a) of the Code.

(c) Principal of and interest on the Tax-Exempt Bonds will be paid solely from Pledged Revenues collected by the Board and investment earnings on such collections.

(d) Based upon all facts and estimates now known or reasonably expected to be in existence on the date the Tax-Exempt Bonds are delivered, the Board reasonably expects that the proceeds of the Tax-Exempt Bonds will not be used in a manner that would cause the Tax-Exempt Bonds or any portion thereof to be an "arbitrage bond" within the meaning of section 148 of the Code.

(e) At all times while the Tax-Exempt Bonds are outstanding, the Board will identify and properly account for all amounts constituting gross proceeds of the Tax-Exempt Bonds in accordance with the Regulations. The Board will monitor the yield on the investments of the

proceeds of the Tax-Exempt Bonds and, to the extent required by the Code and the Regulations, will restrict the yield on such investments to a yield which is not materially higher than the yield on the Tax-Exempt Bonds. To the extent necessary to prevent the Tax-Exempt Bonds from constituting "arbitrage bonds," the Board will make such payments as are necessary to cause the yield on all yield restricted nonpurpose investments allocable to the Tax-Exempt Bonds to be less than the yield that is materially higher than the yield on the Tax-Exempt Bonds.

(f) The Board will not take any action or knowingly omit to take any action that, if taken or omitted, would cause the Tax-Exempt Bonds to be treated as "federally guaranteed" obligations for purposes of section 149(b) of the Code.

(g) The Board represents that not more than fifty percent (50%) of the proceeds of the Tax-Exempt Bonds will be invested in nonpurpose investments (as defined in section 148(f)(6)(A) of the Code) having a substantially guaranteed yield for four years or more within the meaning of section 149(g)(3)(A)(ii) of the Code, and the Board reasonably expects that at least eighty-five percent (85%) of the spendable proceeds of the Tax-Exempt Bonds will be used to carry out the governmental purpose of the Tax-Exempt Bonds within the three-year period beginning on the date of issue of the Tax-Exempt Bonds.

(h) The Board will take all necessary steps to comply with the requirement that certain amounts earned by the Board on the investment of the gross proceeds of the Tax-Exempt Bonds, if any, be rebated to the federal government. Specifically, the Board will (i) maintain records regarding the receipt, investment, and expenditure of the gross proceeds of the Tax-Exempt Bonds as may be required to calculate such excess arbitrage profits separately from records of amounts on deposit in the funds and accounts of the Board allocable to other obligations of the Board or moneys which do not represent gross proceeds of any obligations of the Board and retain such records for at least six years after the day on which the last outstanding Bond is discharged, (ii) account for all gross proceeds under a reasonable, consistently applied method of accounting, not employed as an artifice or device to avoid in whole or in part, the requirements of section 148 of the Code, including any specified method of accounting required by applicable Regulations to be used for all or a portion of any gross proceeds, (iii) calculate, at such times as are required by applicable Regulations, the amount of excess arbitrage profits, if any, earned from the investment of the gross proceeds of the Tax-Exempt Bonds and (iv) timely pay, as required by applicable Regulations, all amounts required to be rebated to the federal government. In addition, the Board will exercise reasonable diligence to assure that no errors are made in the calculations required by the preceding sentence and, if such an error is made, to discover and promptly correct such error within a reasonable amount of time thereafter, including payment to the federal government of any delinquent amounts owed to it, interest thereon and any penalty.

(i) The Board will not directly or indirectly pay any amount otherwise payable to the federal government pursuant to the foregoing requirements to any person other than the federal government by entering into any investment arrangement with respect to the gross proceeds of the Tax-Exempt Bonds that might result in a reduction in the amount required to be paid to the federal government because such arrangement results in a smaller profit or a larger loss than would have resulted if such arrangement had been at arm's length and had the yield on the Tax-Exempt Bonds not been relevant to either party.

(j) The Board will timely file or cause to be filed with the Secretary of the Treasury of the United States the information required by section 149(e) of the Code with respect to the Tax-Exempt Bonds on such form and in such place as the Secretary may prescribe.

(k) The Board will not issue or use the Tax-Exempt Bonds as part of an "abusive arbitrage device" (as defined in Section 1.148-10(a) of the Regulations). Without limiting the foregoing, the Tax-Exempt Bonds are not and will not be a part of a transaction or series of transactions that attempts to circumvent the provisions of section 148 of the Code and the Regulations, by (i) enabling the Board to exploit the difference between tax-exempt and taxable interest rates to gain a material financial advantage, or (ii) increasing the burden on the market for tax-exempt obligations.

(l) Proper officers of the Board charged with the responsibility for issuing the Tax-Exempt Bonds are hereby directed to make, execute and deliver certifications as to facts, estimates or circumstances in existence as of the date of issuance of the Tax-Exempt Bonds and stating whether there are facts, estimates or circumstances that would materially change the Board's expectations. On or after the date of issuance of the Tax-Exempt Bonds, the Board will take such actions as are necessary and appropriate to assure the continuous accuracy of the representations contained in such certificates.

(m) The covenants and representations made or required by this Section are for the benefit of the holders and beneficial owners of the Bonds, and may be relied upon by the holders and beneficial owners of the Bonds and bond counsel to the Board.

In complying with the foregoing covenants, the Board may rely upon an unqualified opinion issued to the Board by nationally recognized bond counsel that any action by the Board or reliance upon any interpretation of the Code or Regulations contained in such opinion will not cause interest on the Tax-Exempt Bonds to be includable in gross income for federal income tax purposes under existing law.

Notwithstanding any other provision of this Thirty-First Supplement, the Board's representations and obligations under the covenants and provisions of this Section shall survive the defeasance and discharge of the Tax-Exempt Bonds for as long as such matters are relevant to the exclusion of interest on the Tax-Exempt Bonds from the gross income of the owners for federal income tax purposes.

Section 13. CONTINUING DISCLOSURE UNDERTAKING.

(a) Annual Reports. The Board shall provide annually to the MSRB, in an electronic format as prescribed by the MSRB, within six (6) months after the end of each Fiscal Year, financial information and operating data with respect to The Texas A&M University System, including the Annual Financial Report of The Texas A&M University System, as determined by the Designated Financial Officer at the time the Bonds are sold. The Award Certificate shall specify such financial information and operating data. Any financial statements with respect to The Texas A&M University System so to be provided shall be (1) prepared on an accrual basis, or such other basis as the Board may be required to employ from time to time pursuant to state law or regulation, and (2) audited, if the Board commissions an audit of such statements and the audit

is completed within the period during which they must be provided. If audited financial statements are not so provided within the required period, then the Board shall provide unaudited financial statements for the applicable Fiscal Year to the MSRB, in an electronic format as prescribed by the MSRB, and shall file audited financial statements when and if audited financial statements become available. If audited financial statements are not prepared for any Fiscal Year and audited financial statements are prepared with respect to the State of Texas for such Fiscal Year, the Board shall provide, or cause to be provided, the audited financial statements of the State of Texas for the applicable Fiscal Year to the MSRB, in an electronic format as prescribed by the MSRB, within six (6) months after the end of said Fiscal Year or as soon thereafter as such audited financial statements become available from the State Auditor of the State of Texas. Any such audited financial statements of the State of Texas so provided shall be prepared in accordance with generally accepted accounting principles for state governments, as such principles may be changed from time to time to comply with state law.

If the Board changes the Fiscal Year, the Board will notify the MSRB of the change (and of the date of the new Fiscal Year end) prior to the next date by which the Board otherwise would be required to provide financial information and operating data pursuant to this Section.

The financial information and operating data to be provided pursuant to this Subsection may be set forth in full in one or more documents or may be included by specific reference to any document that is available to the public on the MSRB's internet web site or filed with the SEC. All documents provided to the MSRB pursuant to this subsection shall be accompanied by identifying information as prescribed by the MSRB.

The Board shall notify the MSRB, in a timely manner, of any failure by the Board to provide financial information or operating data in accordance with this subsection by the time required.

(b) Event Notices. The Board shall notify the MSRB, in an electronic format as prescribed by the MSRB, in a timely manner not in excess of ten (10) business days after the occurrence of the event, of any of the following events with respect to the Bonds: (i) principal and interest payment delinquencies; (ii) non-payment related defaults, if material; (iii) unscheduled draws on debt service reserves reflecting financial difficulties; (iv) unscheduled draws on credit enhancements reflecting financial difficulties; (v) substitution of credit or liquidity providers, or their failure to perform; (vi) adverse tax opinions, the issuance by the Internal Revenue Service of proposed or final determinations of taxability, Notices of Proposed Issue (IRS Form 5701-TEB) or other material notices or determinations with respect to the tax status of the Bonds, or other material events affecting the tax status of the Bonds; (vii) modifications to rights of holders of the Bonds, if material; (viii) bond calls, if material, and tender offers; (ix) defeasances; (x) release, substitution, or sale of property securing repayment of the Bonds, if material; (xi) rating changes; (xii) bankruptcy, insolvency, receivership or similar event of the obligated person; (xiii) the consummation of a merger, consolidation, or acquisition involving an obligated person or the sale of all or substantially all of the assets of the obligated person, other than in the ordinary course of business, the entry into a definitive agreement to undertake such an action or the termination of a definitive agreement relating to any such actions, other than pursuant to its terms, if material; (xiv) the appointment of a successor or additional trustee or the change of name of a trustee, if material; (xv) incurrence of a Financial Obligation of the Board, if material, or agreement to covenants,

events of default, remedies, priority rights, or other similar terms of a Financial Obligation of the Board, any of which affect security holders, if material; and (xvi) default, event of acceleration, termination event, modification of terms, or other similar events under the terms of a Financial Obligation of the Board, any of which reflect financial difficulties.

As used in clause (xii), above, the phrase "bankruptcy, insolvency, receivership or similar event" means the appointment of a receiver, fiscal agent or similar officer for the System in a proceeding under the U.S. Bankruptcy Code or in any other proceeding under state or federal law in which a court or governmental authority has assumed jurisdiction over substantially all of the assets or business of the System, or if jurisdiction has been assumed by leaving the System in possession but subject to the supervision and orders of a court or governmental authority, or the entry of an order confirming a plan of reorganization, arrangement or liquidation by a court or governmental authority having supervision or jurisdiction over substantially all of the assets or business of the System. The Board intends the words used in clauses (xv) and (xvi), above, and the definition of "Financial Obligation" in this Section to have the same meanings as when they are used in the Rule. Additionally, the term "Financial Obligation" shall not include municipal securities as to which a final official statement has been provided to the MSRB consistent with the Rule.

(c) Identifying Information. All information and notices shall be provided to the MSRB in an electronic format, as prescribed by the MSRB, and all documents provided to the MSRB pursuant to this Section shall be accompanied by identifying information, as prescribed by the MSRB.

(d) Limitations, Disclaimers, and Amendments. The Board shall be obligated to observe and perform the covenants specified in this Section for so long as, but only for so long as, the Board remains an "obligated person" with respect to the Bonds within the meaning of the Rule, except that the Board in any event will give the notice required by Section 4 of this Thirty-First Supplement of any Bond calls and defeasance that cause the Bonds to no longer be outstanding.

The provisions of this Section are for the sole benefit of the holders and beneficial owners of the Bonds, and nothing in this Section, express or implied, shall give any benefit or any legal or equitable right, remedy, or claim hereunder to any other person. The Board undertakes to provide only the financial information, operating data, financial statements, and notices which it has expressly agreed to provide pursuant to this subsection and does not hereby undertake to provide any other information that may be relevant or material to a complete presentation of the Board's financial results, condition, or prospects, or hereby undertake to update any information provided in accordance with this subsection or otherwise, except as expressly provided herein. The Board does not make any representation or warranty concerning such information or its usefulness to a decision to invest in or sell Bonds at any future date.

UNDER NO CIRCUMSTANCES SHALL THE BOARD BE LIABLE TO THE HOLDER OR BENEFICIAL OWNER OF ANY BOND OR ANY OTHER PERSON, IN CONTRACT OR TORT, FOR DAMAGES RESULTING IN WHOLE OR IN PART FROM ANY BREACH BY THE BOARD, WHETHER NEGLIGENT OR WITHOUT FAULT ON ITS PART, OF ANY COVENANT SPECIFIED IN THIS SECTION, BUT EVERY RIGHT AND REMEDY OF ANY SUCH PERSON, IN CONTRACT OR TORT, FOR OR ON ACCOUNT OF ANY SUCH

BREACH SHALL BE LIMITED TO AN ACTION FOR MANDAMUS OR SPECIFIC PERFORMANCE.

No default by the Board in observing or performing its obligations under this Section shall constitute a breach of or default under this Thirty-First Supplement for purposes of any other provision of this Thirty-First Supplement.

Should the Rule be amended to obligate the Board to make filings with or provide notices to entities other than the MSRB, the Board hereby agrees to undertake such obligation with respect to the Bonds in accordance with the Rule, as so amended.

Nothing in this Section is intended or shall act to disclaim, waive, or otherwise limit the duties of the Board under federal and State securities laws.

The provisions of this Section may be amended by the Board from time to time to adapt to changed circumstances that arise from a change in legal requirements, a change in law, or a change in the identity, nature, status, or type of operations of the Board, but only if (i) the provisions of this Section, as so amended, would have permitted an underwriter to purchase or sell Bonds in the primary offering of the Bonds in compliance with the, Rule, taking into account any amendments or interpretations of the Rule to the date of such amendment, as well as such changed circumstances, and (ii) either (A) the holders of a majority in aggregate principal amount (or any greater amount required by any other provision of this Thirty-First Supplement that authorizes such an amendment) of the outstanding Bonds consent to such amendment or (B) a person that is unaffiliated with the Board (such as nationally-recognized bond counsel) determines that such amendment will not materially impair the interests of the holders and beneficial owners of the Bonds. If the Board so amends the provisions of this Section, it shall include with any amended financial information or operating data next provided in accordance with this Section an explanation, in narrative form, of the reasons for the amendment and of the impact of any change in the type of financial information or operating data so provided. The Board may also amend or repeal the provisions of this continuing disclosure requirement if the SEC amends or repeals the applicable provisions of the Rule or a court of final jurisdiction enters judgment that such provisions of the Rule are invalid, but only if and to the extent that the provisions of this sentence would not prevent an underwriter from lawfully purchasing or selling Bonds in the primary offering of the Bonds.

(e) Modification of Undertaking. For the avoidance of doubt, the authority conferred on the Designated Financial Officer pursuant to Section 3(b) of this Thirty-First Supplement to determine and fix terms, provisions, details and matters relating to the Bonds includes the authority to modify the terms of this Section by specification of such modification in the Award Certificate for the Bonds.

Section 14. THIRTY-FIRST SUPPLEMENT TO CONSTITUTE A CONTRACT; EQUAL SECURITY. In consideration of the acceptance of the Bonds, the issuance of which is authorized hereunder, by those who shall hold the same from time to time, this Thirty-First Supplement shall be deemed to be and shall constitute a contract between the Board and the Holders from time to time of the Bonds and the pledge made in this Thirty-First Supplement by the Board and the covenants and agreements set forth in this Thirty-First Supplement to be

performed by the Board shall be for the equal and proportionate benefit, security, and protection of all Holders, without preference, priority, or distinction as to security or otherwise of any of the Bonds authorized hereunder over any of the others by reason of time of issuance, sale, or maturity thereof or otherwise for any cause whatsoever, except as expressly provided in or permitted by this Thirty-First Supplement.

Section 15. SEVERABILITY OF INVALID PROVISIONS. If any one or more of the covenants, agreements, or provisions herein contained shall be held contrary to any express provisions of law or contrary to the policy of express law, though not expressly prohibited, or against public policy, or shall for any reason whatsoever be held invalid, then such covenants, agreements, or provisions shall be null and void and shall be deemed separable from the remaining covenants, agreements, or provisions and shall in no way affect the validity of any of the other provisions hereof or of the Bonds issued hereunder.

Section 16. PAYMENT AND PERFORMANCE ON BUSINESS DAYS. Except as provided to the contrary in the FORM OF BONDS, whenever under the terms of this Thirty-First Supplement or the Bonds, the performance date of any provision hereof or thereof, including the payment of principal of or interest on the Bonds, shall occur on a day other than a Business Day, then the performance thereof, including the payment of principal of and interest on the Bonds, need not be made on such day but may be performed or paid, as the case may be, on the next succeeding Business Day with the same force and effect as if made on the date of performance or payment.

Section 17. LIMITATION OF BENEFITS WITH RESPECT TO THE THIRTY-FIRST SUPPLEMENT. With the exception of the rights or benefits herein expressly conferred, nothing expressed or contained herein or implied from the provisions of this Thirty-First Supplement or the Bonds is intended or should be construed to confer upon or give to any person other than the Board, the Holders, and the Paying Agent/Registrar, any legal or equitable right, remedy, or claim under or by reason of or in respect to this Thirty-First Supplement or any covenant, condition, stipulation, promise, agreement, or provision herein contained. This Thirty-First Supplement and all of the covenants, conditions, stipulations, promises, agreements, and provisions hereof are intended to be and shall be for and inure to the sole and exclusive benefit of the Board, the Holders, and the Paying Agent/Registrar as herein and therein provided.

Section 18. CUSTODY, APPROVAL, BOND COUNSEL'S OPINION, CUSIP NUMBERS, PREAMBLE AND INSURANCE. The Designated Financial Officer is hereby authorized to have control of the Bonds issued hereunder and all necessary records and proceedings pertaining to the Bonds pending their delivery and approval by the Attorney General of the State of Texas of the proceedings authorizing the Bonds in accordance with Chapter 1371, Texas Government Code, as amended. The Designated Financial Officer is also authorized to request that the Attorney General approve the Bonds and that the Comptroller of Public Accounts register the Bonds, and to cause an appropriate legend reflecting such approval and registration to appear on the Bonds and the substitute Bonds. The approving legal opinion of Bond Counsel and the assigned CUSIP numbers may, at the option of the Board, be printed on the Bonds and on any Bonds issued and delivered in exchange or replacement of any Bond, but neither shall have any legal effect, and shall be solely for the convenience and information of the Registered Owners of the Bonds. The preamble to this Thirty-First Supplement is hereby adopted and made a part of

this Thirty-First Supplement for all purposes. If insurance is obtained on any of the Bonds, the Bonds shall bear, as appropriate and applicable, a legend concerning insurance as provided by the Insurer.

Section 19. REFUNDING OF REFUNDED OBLIGATIONS; ESCROW AGREEMENTS.

(a) Concurrently with the delivery of Bonds issued to refund Refunded Notes, the Designated Financial Officer shall cause to be deposited with the Issuing and Paying Agent for the Refunded Notes or with an Escrow Agent selected by the Designated Financial Officer, from the proceeds from the sale of such Series of Bonds and other legally available funds, an amount sufficient to provide for the refunding and defeasance of such Refunded Notes. In the event it is deemed necessary, the Designated Financial Officer is hereby authorized to select one or more Escrow Agent(s) with respect to the Refunded Notes and to enter into one or more Escrow Agreements. The Designated Financial Officer is further authorized and directed to apply and there is hereby appropriated such moneys of the Board as are necessary (i) to provide for the defeasance of such Refunded Notes on the date of delivery of the Bonds or (ii) to fund the Escrow Fund to be created pursuant to the Escrow Agreement(s) with amounts sufficient to provide for the defeasance of the Refunded Notes.

(b) Concurrently with the delivery of each Series of Bonds issued in whole or in part to refund Refunded Bonds, the Designated Financial Officer shall cause to be deposited with the paying agent/registrar for the Refunded Bonds or Escrow Agent selected by the Designated Financial Officer, from the proceeds from the sale of such Series of Bonds and other legally available funds, an amount sufficient to provide for the refunding and defeasance of such Refunded Bonds in accordance with Chapter 1207, Texas Government Code, as amended. In the event it is deemed necessary, the Designated Financial Officer is hereby authorized to select one or more Escrow Agent(s) with respect to the Refunded Bonds and to enter into one or more Escrow Agreements. The Designated Financial Officer is further authorized and directed to apply and there is hereby appropriated such moneys of the Board as are necessary (i) to provide for the defeasance of such Refunded Bonds on the date of delivery of the Bonds or (ii) to fund the Escrow Fund to be created pursuant to the Escrow Agreement(s) with amounts sufficient to provide for the defeasance of the Refunded Bonds.

(c) With regard to issuance of any Series of Bonds constituting Refunding Bonds, as provided in Section 2(b) above, the Designated Financial Officer shall designate in the Award Certificate the particular Potential Refunded Bonds to be refunded by such Series of Bonds; provided, that the Award Certificate in which Refunded Bonds are so designated must contain a certification to the effect that the Bonds of such Series being issued to refund such Refunded Bonds are being sold on terms that produce present value savings as required by Section 3(b) hereof.

(d) Subject to the designation by the Designated Financial Officer of the Refunded Bonds to be refunded by a Series of Bonds, the Board irrevocably calls the particular Potential Refunded Bonds constituting Refunded Bonds for redemption prior to maturity on the date(s) and at the price(s) set forth in the Award Certificate.

The Designated Financial Officer, acting for and on behalf of the Board, shall provide for notice of such redemption to be given in accordance with the resolution(s) of the Board authorizing the Refunded Bonds.

(e) To assure the purchase of the "Escrowed Securities" referred to in the respective Escrow Agreements for the Refunded Notes or the Refunded Bonds, the Designated Financial Officer, acting for and on behalf of the Board, is hereby authorized to subscribe for, agree to purchase and purchase "Government Obligations," as defined in resolutions authorizing the Refunded Notes or the resolutions authorizing the Refunded Bonds, in such amounts and maturities and bearing interest at such rates as may be provided for in such Escrow Agreement, and to execute any and all subscriptions, purchase agreements, commitments, letters of authorization and other documents necessary to effectuate the foregoing, and is authorized to create and fund (or cause to be created and funded) the "Escrow Fund" contemplated by such Escrow Agreement through the use of the proceeds of the Series of Bonds issued to refund the Refunded Notes or the Refunded Bonds, the moneys and investments held in the fund securing the Refunded Notes or the Refunded Bonds, and other lawfully available moneys of the Board.

(f) To satisfy in a timely manner all of the Board's obligations under this Thirty-First Supplement and the Escrow Agreement(s), the Designated Financial Officer and all other appropriate officers and agents of the Board are hereby severally authorized and directed for and on behalf of the Board to take all other actions that are reasonably necessary to provide for the refunding of the Refunded Notes or the Refunded Bonds, including, without limitation, executing and delivering for and on behalf of the Board all certificates, consents, receipts, requests and other documents as may be reasonably necessary to satisfy the Board's obligations under the Escrow Agreement(s) and this Thirty-First Supplement and to direct the transfer and application of funds of the Board consistent with the provisions of such Escrow Agreement(s) and this Thirty-First Supplement.

Section 20. APPLICATION OF BOND PROCEEDS.

(a) Proceeds from the sale of the Bonds shall, promptly upon receipt thereof, be applied by the Designated Financial Officer, as follows: (i) accrued interest for the Bonds shall be deposited as provided in Section 9 hereof; (ii) an amount sufficient to accomplish the purposes of Section 19 hereof shall be so applied; (iii) an amount sufficient to pay the cost of acquiring, purchasing, constructing, improving, enlarging and equipping the property, facilities and improvements being financed with the proceeds of the Bonds shall be deposited in the Board's accounts to be used for such purposes; (iv) the amount of any premium received as a portion of the purchase price of the Bonds issued to finance or refinance, through the refunding of the Refunded Notes, improvements or facilities to be financed or refinanced pursuant to Section 55.17 Authorization, that is not to be counted against the authorized amount of bonds that can be issued pursuant to such Section 55.17 Authorization, shall, except as otherwise allowed by state law, including Sections 1201.042 and 1201.029 of the Texas Government Code, be credited to a special account to be held to pay interest on the Bonds on the first interest payment date; and (v) any proceeds from the sale of the Bonds remaining after the deposits provided for in clauses (i) through (iv) above, shall be applied to pay expenses arising in connection with the issuance of the Bonds and the refunding of the Refunded Obligations.

Any sale proceeds of Bonds remaining after making all deposits and payments provided for above shall be applied to the payment of principal of and interest on the Bonds.

(b) Additional projects may be added to the list of projects included in the Award Certificate pursuant to Section 3 hereof and the amount of the proceeds of the Bonds allocated to each project may be reallocated to other projects in the list (such reallocation may also result in the removal of any such project), and therefore be financed or refinanced with the proceeds of the Bonds, upon satisfaction of the following conditions:

(i) the project has received the required approval or review of the Higher Education Coordinating Board to the extent and as required by the provisions of Section 61.058 of the Texas Education Code;

(ii) the Board shall have approved the construction of the project and made the findings required by Section 5 of the Master Resolution relating to the issuance of Parity Obligations to finance the cost of the project;

(iii) with respect to Tax-Exempt Bonds, the Board shall have received an opinion of Bond Counsel with respect to the Revenue Financing System, to the effect that the amendment of the exhibit, or the financing or refinancing of the project, and the expenditure of the proceeds of the Tax-Exempt Bonds to pay the cost of project will not adversely affect the treatment of interest on the Tax-Exempt Bonds for federal income tax purposes; and

(iv) the Designated Financial Officer shall execute and deliver a certificate to the Executive Director, Board of Regents certifying (a) that the requirements of subsection (b)(i), (ii), and (iii) of this Section have been satisfied and having attached to such certificate copies of the documents referred to in those subsections and (b) that, to the extent that the list of projects set forth in the Award Certificate or the allocation of proceeds set forth in the Award Certificate to finance or refinance improvements and facilities pursuant to Section 55.17 Authorization have been changed, the Board is in compliance with the requirements and limitations of such sections of the Education Code. A copy of the certificate shall be filed in the minutes of the Board with the Award Certificate.

Section 21. FURTHER PROCEDURES.

(a) The Chairman, Vice Chairman and Executive Director, Board of Regents, and each member of the Board, the Designated Financial Officer, and all other officers, employees, and agents of the Board, and each of them, shall be and they are hereby expressly authorized, empowered, and directed from time to time and at any time to do and perform all such acts and things and to execute, acknowledge, and deliver in the name and under the corporate seal and on behalf of the Board all such instruments, whether or not herein mentioned, as may be necessary or desirable in order to carry out the terms and provisions of this Thirty-First Supplement, the Award Certificate, the Representation Letter, the Bonds, the sale and delivery of the Bonds and fixing all details in connection therewith, and the refunding of the Refunded Obligations. In addition, the Designated Financial Officer is authorized to submit a notice of intent to the Texas Bond Review Board requesting the approval of the issuance of the Bonds if such approval is required by law.

(b) In case any officer whose signature shall appear on the Bonds shall cease to be such officer before the delivery of the Bonds, such signature shall nevertheless be valid and sufficient for all purposes the same as if such officer had remained in office until such delivery.

(c) The Board hereby determines that (i) designating the number of this Supplemental Resolution is a ministerial act and (ii) the number of this Supplemental Resolution shall be revised at the direction of the Designated Financial Officer to conform the number of this Supplemental Resolution to the actual sequence of the Board's approval of this Supplemental Resolution in relation to the Board's approval of any other Supplemental Resolution(s). In addition, the Designated Financial Officer, General Counsel, and Bond Counsel are hereby authorized to approve, subsequent to the date of the adoption of this Thirty-First Supplement, any amendments to the above named documents, and any technical amendments to this Thirty-First Supplement as may be required by a Nationally-Recognized Rating Agency as a condition to the granting of a rating on the Bonds or as required by the office of the Texas Attorney General as a condition to the approval of the Bonds.

Section 22. APPROVAL OF NOTICE OF SALE AND OFFICIAL STATEMENT.

The Designated Financial Officer is authorized and directed to provide for and oversee the preparation of a notice of sale, if appropriate, a preliminary Official Statement and a final Official Statement in connection with the issuance of each Series of the Bonds, and to approve such official statement and deem it final in compliance with the Rule and to provide it to the purchasers of the Bonds in compliance with such Rule.

Section 23. DTC LETTER OF REPRESENTATIONS. The Designated Financial Officer is authorized to execute the Representation Letter and implement the Book-Entry-Only System of Bond registration with respect to the Bonds pursuant to the Representation Letter. Notwithstanding anything to the contrary contained herein, while the Bonds are subject to DTC's Book-Entry-Only-System and to the extent permitted by law, the Representation Letter is hereby incorporated herein and its provisions shall prevail over any other provisions of this Thirty-First Supplement in the event of conflict. Provisions relating to DTC, its Book-Entry-Only System of registration, and the Representation Letter are detailed in Section 5(h) of this Thirty-First Supplement.

Section 24. ADDITIONAL DEFEASANCE PROVISIONS.

(a) In addition to the defeasance provisions set forth in Section 12 of the Master Resolution, it is hereby provided that, to the extent that the Bonds are treated as Defeased Debt for purposes of Section 12 of the Master Resolution, any determination not to redeem Defeased Debt that is made in conjunction with the payment arrangements specified in Section 12(a)(i) or (ii) of the Master Resolution shall not be irrevocable, provided that: (1) in the proceedings providing for such defeasance, the Board expressly reserves the right to call the Defeased Bonds for redemption; (2) gives notice of the reservation of that right to the owners of the Defeased Bonds immediately following the defeasance; (3) directs that notice of the reservation be included in any redemption notices that it authorizes; and (4) at or prior to the time of the redemption, satisfies the conditions of subsection (a) of Section 12 of the Master Resolution with respect to such Defeased Debt as though it was being defeased at the time of the exercise of the option to redeem the Defeased Debt,

after taking the redemption into account in determining the sufficiency of the provisions made for the payment of the Defeased Debt.

(b) Notwithstanding the provisions of Section 12(c) of the Master Resolution and except as otherwise provided in the Award Certificate for the Bonds, in connection with the defeasance of the Bonds pursuant to Section 12 of the Master Resolution, the term Government Obligations shall mean (i) direct, noncallable obligations of the United States of America, including obligations that are unconditionally guaranteed by the United States of America (including Interest Strips of the Resolution Funding Corporation), (ii) noncallable obligations of an agency or instrumentality of the United States of America, including obligations that are unconditionally guaranteed or insured by the agency or instrumentality and that, on the date the Board adopts or approves proceedings authorizing the issuance of refunding bonds or otherwise provide for the funding of an escrow to effect the defeasance of the Bonds are rated as to investment quality by a nationally recognized investment rating firm not less than "AAA" or its equivalent, and (iii) noncallable obligations of a state or an agency or a county, municipality, or other political subdivision of a state that have been refunded and that, on the date the Board adopts or approves proceedings authorizing the issuance of refunding bonds or otherwise provide for the funding of an escrow to effect the defeasance of the Bonds, are rated as to investment quality by a nationally recognized investment rating firm not less than "AAA" or its equivalent.

(c) Notwithstanding the provisions of Section 12 of the Master Resolution, the Board may provide for the irrevocable deposit contemplated by Section 12 of the Master Resolution to be made with the Paying Agent/Registrar or with any other eligible bank or trust company as then authorized by state law.

(d) Notwithstanding the provisions of Section 12 of the Master Resolution or any of the other provisions of this Section, any Taxable Bonds issued under this Thirty-First Supplement may be designated by the Designated Financial Officer in the Award Certificate as not being subject to defeasance to the extent that such Designated Financial Officer determines in the Award Certificate that such treatment is in the best economic interests of the Board.

Section 25. REPEAL OF CONFLICTING RESOLUTIONS. All resolutions and all parts of any resolutions which are in conflict or are inconsistent with this Thirty-First Supplement are hereby repealed and shall be of no further force or effect to the extent of such conflict or inconsistency.

Section 26. DEFEASANCE OF OUTSTANDING PARITY OBLIGATIONS. The Board desires to authorize the use of certain lawfully available funds of the Board, as determined by the Designated Financial Officer, to defease and refund, from time to time, certain outstanding Parity Obligations previously issued by the Board in accordance with the applicable defeasance provisions in the respective Supplemental Resolutions that authorized the issuance of such Parity Obligations. The Designated Financial Officer is hereby authorized to determine and retire, from time to time, the various portions of such outstanding Parity Obligations which are economically advantageous for Board to retire by the defeasance of such debt. The Designated Financial Officer is authorized to enter into one or more Escrow Agreements to accomplish such defeasances. In the event of such a defeasance, the Designated Financial Officer is authorized hereby to take such steps as may be necessary to purchase the escrowed securities identified in such Escrow

Agreements on behalf of the Board and is authorized to create and fund the escrow funds contemplated by the Escrow Agreements through the use of the lawfully available funds of the Board. The Designated Financial Officer is authorized to call for redemption such Parity Obligations defeased pursuant to this Section and is hereby authorized to provide and complete an appropriate notice of redemption to the paying agent(s) for such Parity Obligations in anticipation of or upon the deposit with the Escrow Agent of such available funds and compliance with the conditions set forth in the Escrow Agreements.

Section 27. PUBLIC NOTICE. It is hereby found and determined that each of the officers and members of the Board was duly and sufficiently notified officially and personally, in advance, of the time, place, and purpose of the meeting at which this Thirty-First Supplemental Resolution was adopted, and that this Thirty-First Supplemental Resolution would be introduced and considered for adoption at said meeting; that said meeting was open to the public, and public notice of the time, place, and purpose of said meeting was given, all as required by Chapter 551, Texas Government Code.

EXHIBIT A

DEFINITIONS

As used in this Thirty-First Supplement the following terms and expressions shall have the meanings set forth below, unless the text hereof specifically indicates otherwise:

The term "Acts" means, collectively, Chapter 55, Texas Education Code, as amended, and Chapters 1207 and 1371, Texas Government Code, as amended.

The term "Authorized Denomination" means \$5,000 or any integral multiple thereof with respect to Current Interest Bonds and \$5,000 in Maturity Amount or any integral multiple thereof with respect to Capital Appreciation Bonds, except as otherwise provided in the Award Certificate for each Series of Bonds.

The term "Award Certificate" means the certificate executed by the Designated Financial Officer in connection with each Series of Bonds which establishes the terms of the Bonds delivered pursuant to Section 3 of this Thirty-First Supplement.

The terms "Board" and "Issuer" mean the Board of Regents of The Texas A&M University System or any successor thereto.

The term "Bond Counsel" means Winstead PC, or such other nationally-recognized firm designated by the Board as Bond Counsel for purposes of this Thirty-First Supplement.

The term "Bond Purchase Contract" means the Board's agreement with underwriters providing for the sale of a Series of Bonds as authorized by Section 2(c) hereof, provided that two or more Series of Bonds may be sold to the same underwriters pursuant to the terms of a single Bond Purchase Contract.

The term "Bonds" means, collectively, the Bonds issued pursuant to this Supplemental Resolution, and all substitute bonds exchanged therefor, and all other substitute and replacement bonds issued pursuant to this Supplemental Resolution; and the term "Bond" means any of the Bonds.

The term "Bond Year" means the period beginning on June 2 of any calendar year and continuing through June 1 of the following calendar year.

The term "Business Day" means any day other than a Saturday, Sunday, or legal holiday, or a day on which banking institutions in either the State of New York or the State of Texas are authorized by law or executive order to close.

The term "Capital Appreciation Bonds" means the Bonds on which no interest is paid prior to maturity, maturing variously in each of the years and in the aggregate principal amount and Maturity Amount as set forth in the Award Certificate.

The term "Code" means the Internal Revenue Code of 1986, as amended.

The term "Compounded Amount" means, with respect to a Capital Appreciation Bond, as of any particular date of calculation, the original principal amount thereof, plus all interest accrued and compounded to the particular date of calculation, as determined in accordance with Section 4 of this Thirty-First Supplement and the Compounded Amount Table relating to such Bonds.

The term "Compounded Amount Table" means, with respect to the Capital Appreciation Bonds, the Compounded Amount Table as defined in Section 4 of this Thirty-First Supplement.

The term "Compounding Dates" means Compounding Dates as defined in Section 4 of this Thirty-First Supplement.

The term "Current Interest Bonds" means the Bonds paying current interest and maturing in each of the years and in the aggregate principal amounts set forth in the Award Certificate.

The term "Definitive Bonds" means the Bonds issued in exchange for the Initial Bond.

The term "Designated Financial Officer" means each Designated Financial Officer under the Master Resolution and shall include the Chancellor, the Executive Vice Chancellor and Chief Financial Officer, the Chief Investment Officer and Treasurer, or an officer who has assumed the duties of any of the foregoing named officers, or such other officer or employee of the System authorized by the Board to act as a Designated Financial Officer.

The term "DTC" means The Depository Trust Company of New York, New York, New York, or any successor securities depository.

The term "DTC Participant" means securities brokers and dealers, banks, trust companies, clearing corporations, and certain other organizations on whose behalf DTC was created to hold securities to facilitate the clearance and settlement of securities transactions among DTC Participants.

The term "Escrow Agent" means each Escrow Agent selected pursuant to Section 19 hereof.

The term "Initial Bond" means the Bond initially delivered hereunder and upon which the registration certificate, manually executed by or on behalf of the Comptroller of Public Accounts of the State of Texas, has been placed.

The term "Issuance Date" means the date of delivery of Bonds to the initial purchaser or purchasers thereof against payment therefor.

The term "MSRB" shall mean the Municipal Securities Rulemaking Board.

The term "Master Resolution" means the Master Resolution Establishing The Texas A&M University System Revenue Financing System adopted by the Board on November 19, 1990, as amended on September 17, 1993 and July 25, 1997.

The term "Maturity" means the date on which the principal of a Bond becomes due and payable as therein and herein provided, whether at Stated Maturity, by redemption, declaration of acceleration or otherwise.

The term "Maturity Amount" means the Compounded Amount of a Capital Appreciation Bond due on its Stated Maturity.

The term "Nationally-Recognized Rating Agency" means any nationally-recognized securities rating agency that provides a rating on the Bonds at the request of the Board.

The term "Official Statement" means the disclosure document describing the Bonds of a Series dated the date of sale pursuant to Section 22 of this Thirty-First Supplement.

The term "Paying Agent/Registrar," "Paying Agent" or "Registrar" means the agent appointed pursuant to Section 5 hereof, or any successor to such agent.

The term "Potential Refunded Bonds" means the outstanding Parity Obligations previously issued by the Board.

The term "Record Date" means, with respect to the Bonds, the last calendar day of each month preceding an interest payment date.

The term "Refunded Bonds" means the Potential Refunded Bonds to be refunded by a Series of Bonds as set forth in the Award Certificate.

The term "Refunded Notes" means the Board's Revenue Financing System Commercial Paper Notes, to be refunded by a Series of Bonds as set forth in the Award Certificate.

The term "Refunded Obligations" means, collectively, the Refunded Notes, if any, and the Refunded Bonds, if any, refunded by a Series.

The term "Registration Books" means the books or records relating to the registration, payment and transfer or exchange of the Bonds maintained by the Paying Agent/Registrar pursuant to Section 5 hereof.

The term "Representation Letter" means the Blanket Letter of Representation of the Board with DTC regarding the Book-Entry-Only System

The term "Rule" means SEC Rule 15c2-12, as amended from time to time.

The term "SEC" means the United States Securities and Exchange Commission.

The term "Section 55.17 Authorization" means the statutory authorization provided by the Legislature for Section 55.17 Projects.

The term "Section 55.17 Projects" means the improvements or facilities to be financed or refinanced with Bonds pursuant to Sections 55.1711, 55.1721, 55.1731, 55.1741, 55.17411,

55.1751, 55.1771, and 55.1781 of the Education Code, or similar provisions currently existing or hereafter enacted by the Legislature.

The term "Series" means any designated Series of Bonds issued pursuant to this Thirty-First Supplement.

The term "State" means the State of Texas.

The term "Taxable Bonds" means any Bonds designated by the Designated Financial Officer in the Award Certificate as Taxable Bonds, the interest on which is includable in the gross income of the owners thereof for federal income tax purposes.

The term "Tax-Exempt Bonds" means any Bonds designated by the Designated Financial Officer in the Award Certificate as Tax-Exempt Bonds, the interest on which is excludable from the gross income of the owners thereof for federal income tax purposes, pursuant to section 103 of the Code.

The term "Thirty-First Supplement" means this Thirty-First Supplemental Resolution authorizing the Bonds.

EXHIBIT B

FORM OF BONDS

#[FORM OF FIRST TWO PARAGRAPHS OF CURRENT INTEREST BONDS]

United States of America
State of Texas

NUMBER
R-_____
REGISTERED

PRINCIPAL AMOUNT
\$_____
REGISTERED

BOARD OF REGENTS OF THE TEXAS A&M UNIVERSITY SYSTEM
REVENUE FINANCING SYSTEM BONDS, SERIES _____

<u>INTEREST RATE</u>	<u>MATURITY DATE</u>	<u>[DATED/ISSUANCE DATE]</u>	<u>CUSIP:</u>
_____%	_____, 20__	_____	_____

REGISTERED OWNER:

PRINCIPAL AMOUNT: _____ DOLLARS

ON THE MATURITY DATE specified above the BOARD OF REGENTS OF THE TEXAS A&M UNIVERSITY SYSTEM (the "Board"), being an agency of the State of Texas, hereby promises to pay to the registered owner, specified above, or to the registered assignee hereof (either being hereinafter called the "registered owner") the principal amount, specified above, and to pay interest thereon, calculated on the basis of a 360-day year composed of twelve 30-day consecutive months, from the [Dated Date] [Issuance Date], specified above, to the Maturity Date, specified above, or the date of redemption prior to maturity, at the interest rate per annum, specified above, with interest being payable on _____, 20__, and semiannually on each _____ and _____ thereafter, except that if the date of authentication of this Bond is later than the first Record Date (hereinafter defined), such principal amount shall bear interest from the interest payment date next preceding the date of authentication, unless such date of authentication is after any Record Date but on or before the next following interest payment date, in which case such principal amount shall bear interest from such next following interest payment date.

THE PRINCIPAL OF AND INTEREST ON this Bond are payable in lawful money of the United States of America, without exchange or collection charges, solely from funds of the Board required by the Bond Resolution (hereinafter defined) to be on deposit with the Paying Agent/Registrar for such purpose as hereinafter provided. The principal of this Bond shall be paid to the registered owner hereof upon presentation and surrender of this Bond at maturity or upon the date fixed for its redemption prior to maturity, at the corporate trust office of _____ in _____, which is the "Paying Agent/Registrar" for this Bond. The payment of interest on

this Bond shall be made by the Paying Agent/Registrar to the registered owner hereof on each interest payment date by check, dated as of such interest payment date, drawn by the Paying Agent/Registrar on, and payable solely from, funds of the Board required by the Bond Resolution (hereinafter defined), to be on deposit with the Paying Agent/Registrar for such purpose as hereinafter provided; and such check shall be sent by the Paying Agent/Registrar by United States mail, first-class postage prepaid, on each such interest payment date, to the registered owner hereof, at the address of the registered owner, as it appeared on the last calendar day of the month next preceding each such date (the "Record Date") on the Registration Books kept by the Paying Agent/Registrar, as hereinafter described; provided, that upon the written request of any owner of no less than \$1,000,000 in aggregate principal amount of the Bonds, delivered to the Paying Agent/Registrar not later than the Record Date immediately preceding an interest payment date, interest due on such interest payment date shall be made by wire transfer to any designated account within the United States of America. In addition, interest may be paid by such other method acceptable to the Paying Agent/Registrar, requested by, and at the risk and expense of, the registered owner. Any accrued interest due upon the redemption of this Bond prior to maturity as provided herein shall be paid to the registered owner upon presentation and surrender of this Bond for redemption and payment at the corporate trust office of the Paying Agent/Registrar. The Board covenants with the registered owner of this Bond that on or before each principal payment date, interest payment date, and accrued interest payment date for this Bond it will make available to the Paying Agent/Registrar, from the Pledged Revenues, the amounts required to provide for the payment, in immediately available funds, of all principal of and interest on the Bonds, when due, in the manner set forth in the resolution authorizing the issuance of this Bond adopted by the Board on August 20, 2020 (the "Bond Resolution"). Notwithstanding the foregoing, during any period in which ownership of the Bonds is determined by a book entry at a securities depository for the Bonds, payments made to the securities depository, or its nominee, shall be made in accordance with arrangements between the Board and the securities depository. Terms used herein and not otherwise defined have the meanings given in the Bond Resolution.

* * *

##[FORM OF FIRST TWO PARAGRAPHS OF CAPITAL APPRECIATION BONDS]

NUMBER
CR-_____
REGISTERED

MATURITY AMOUNT
\$ _____
REGISTERED

BOARD OF REGENTS OF THE TEXAS A&M UNIVERSITY SYSTEM
REVENUE FINANCING SYSTEM BONDS, SERIES _____

<u>INTEREST RATE</u>	<u>MATURITY DATE</u>	<u>ISSUANCE</u>	<u>CUSIP:</u>
_____%	_____, 20__	_____	_____

REGISTERED OWNER:

MATURITY AMOUNT: _____ DOLLARS

ON THE MATURITY DATE specified above, the BOARD OF REGENTS OF THE TEXAS A&M UNIVERSITY SYSTEM (the "Board"), being an agency and political subdivision of the State of Texas, hereby promises to pay to the Registered Owner specified above or the registered assignee hereof (either being hereinafter called the "Registered Owner") the Maturity Amount specified above representing the original principal amount hereof and accrued and compounded interest hereon. Interest shall accrete on the original principal amount hereof from the Issuance Date at the interest rate per annum specified above (subject to rounding to the Compounded Amounts as provided in the Bond Resolution), compounded semi-annually on _____ and _____ of each year, commencing _____, 20__. For convenience of reference, a table appears on the back of this Bond showing the "Compounded Amount" of the original principal amount per \$5,000 Maturity Amount compounded semiannually at the yield shown on such table.

THE MATURITY AMOUNT OF this Bond is payable in lawful money of the United States of America, without exchange or collection charges, solely from funds of the Board required by the Bond Resolution to be on deposit with the Paying Agent/Registrar for such purpose as hereinafter provided. The Maturity Amount or Compounded Amount of this Bond shall be paid to the registered owner hereof upon presentation and surrender of this Bond at maturity or upon the date fixed for its redemption prior to maturity, as the case may be, at the corporate trust office of _____ in _____, which is the "Paying Agent/Registrar" for this Bond. The Board covenants with the registered owner of this Bond that on or before the Maturity Date for this Bond it will make available to the Paying Agent/Registrar, the amount required to provide for the payment, in immediately available funds, of the Maturity Amount when due, in the manner set forth in the resolution authorizing the issuance of this Bond adopted by the Board on August 20, 2020 (the "Bond Resolution"). Notwithstanding the foregoing, during any period in which ownership of the Bonds is determined by a book entry at a securities depository for the Bonds, payments made to the securities depository, or its nominee, shall be made in accordance with arrangements between the Board and the securities depository. Terms used herein and not otherwise defined have the meaning given in the Bond Resolution.

[FORM OF REMAINDER OF CURRENT INTEREST BONDS
AND CAPITAL APPRECIATION BONDS]

IF THE DATE for the payment of the principal of or interest on this Bond shall be a Saturday, a Sunday, a legal holiday, or a day on which banking institutions in The City of New York, New York, or in the city where the corporate trust office of the Paying Agent/Registrar is located are authorized by law or executive order to close, then the date for such payment shall be the next succeeding day which is not such a Saturday, Sunday, legal holiday, or day on which banking institutions are authorized to close; and payment on such date shall have the same force and effect as if made on the original date payment was due.

THIS BOND is one of an issue of Bonds dated _____, 20__, authorized by the Bond Resolution in the aggregate principal amount of \$_____ for the purpose of *(i) refunding the Refunded Notes and the Refunded Bonds; (ii) providing \$_____ to pay the cost of acquiring, purchasing, constructing, improving, enlarging, and equipping the property and facilities of the Participants of the Revenue Financing System; and (iii) paying the costs related thereto], ##[and comprised of (i) Bonds in the aggregate principal amount of \$_____ that pay interest only at maturity (the "Capital Appreciation Bonds") and (ii) Bonds in the aggregate principal amount of \$_____ that pay interest semiannually until maturity (the "Current Interest Bonds")].

**On _____, or on any date thereafter, the Bonds scheduled to mature on and after _____ may be redeemed prior to their scheduled maturities, at the option of the Board, with funds derived from any available and lawful source, as a whole, or in part, and, if in part, the particular Bonds, or portions thereof, to be redeemed shall be selected and designated by the Board (provided that a portion of a Bond may be redeemed only in an integral multiple of \$5,000), at a redemption price equal to _____ and accrued interest to date fixed for the redemption; provided, that during any period in which ownership of the Bonds is determined by a book entry at a securities depository for the Bonds, if fewer than all of the Bonds of the same maturity and bearing the same interest rate are to be redeemed, the particular Bonds of such maturity and bearing such interest rate shall be selected in accordance with the arrangements between the Board and the securities depository.

**The Bonds of this issue scheduled to mature on _____ are subject to mandatory sinking fund redemption prior to their scheduled maturity and shall be redeemed by the Board, in part, prior to their scheduled maturity, with the particular Bonds or portions thereof to be redeemed to be selected and designated by the Board (provided that a portion of a Bond may be redeemed only in an integral multiple of \$5,000), at a redemption price equal to the par or principal amount thereof and accrued interest to the date of redemption, on the dates, and in the principal amounts, respectively, as set forth in the following schedule:

Bonds Maturing _____

<u>Redemption Date</u>	<u>Principal Amount</u>

**The principal amount of the Bonds required to be redeemed on each such redemption date pursuant to the foregoing operation of the mandatory sinking fund shall be reduced, at the

option of the Board, by the principal amount of any Bonds, which, at least 45 days prior to the mandatory sinking fund redemption date, (1) shall have been acquired by the Board and delivered to the Paying Agent/Registrar for cancellation, or (2) shall have been acquired and canceled by the Paying Agent/Registrar at the direction of the Board, in either case of (1) or (2) at a price not exceeding the par or principal amount of such Bonds or (3) have been redeemed pursuant to the optional redemption provisions set forth above and not theretofore credited against a mandatory sinking fund redemption. During any period in which ownership of the Bonds is determined by a book entry at a securities depository for the Bonds, if fewer than all of the Bonds of the same maturity and bearing the same interest rate are to be redeemed, the particular Bonds of such maturity and bearing such interest rate shall be selected in accordance with the arrangements between the Board and the securities depository.

****AT LEAST 30 days prior to the date for any redemption of this Bond prior to maturity,** a notice of such redemption also shall be sent by the Paying Agent/Registrar by United States mail, first-class postage prepaid, to the registered owner of each Bond, or portion thereof to be redeemed, at its address as it appeared on the Registration Books on the 45th day prior to such redemption date and to major securities depositories, national bond rating agencies, and bond information services; provided, however, that the failure to send, mail, or receive such notice, or any defect therein or in the sending or mailing thereof, shall not affect the validity or effectiveness of the proceedings for the redemption of any Bond. By the date fixed for any such redemption, due provision shall be made by the Board with the Paying Agent/Registrar for the payment of the required redemption price for this Bond or the portion hereof which is to be so redeemed, plus accrued interest thereon to the date fixed for redemption. If such notice of redemption is given, and if due provision for such payment is made, all as provided above, this Bond, or the portion thereof which is to be so redeemed, thereby automatically shall be redeemed prior to its scheduled maturity, and shall not bear interest after the date fixed for its redemption, and shall not be regarded as being outstanding except for the right of the registered owner to receive the redemption price plus accrued interest to the date fixed for redemption from the Paying Agent/Registrar out of the funds provided for such payment. The Paying Agent/Registrar shall record in the Registration Books all such redemptions of principal of this Bond or any portion hereof. If a portion of any Bond shall be redeemed, a substitute Bond or Bonds having the same maturity date, bearing interest at the same rate, in any denomination or denominations in any integral multiple of \$5,000, at the written request of the registered owner, and in an aggregate principal amount equal to the unredeemed portion thereof, will be issued to the registered owner upon the surrender thereof for cancellation, at the expense of the Board, all as provided in the Bond Resolution.

THIS BOND OR ANY PORTION OR PORTIONS HEREOF IN ANY AUTHORIZED DENOMINATION may be assigned and shall be transferred only in the Registration Books of the Board kept by the Paying Agent/Registrar acting in the capacity of registrar for the Bonds, upon the terms and conditions set forth in the Bond Resolution. Among other requirements for such assignment and transfer, this Bond must be presented and surrendered to the Paying Agent/Registrar, together with proper instruments of assignment, in form and with guarantee of signatures satisfactory to the Paying Agent/Registrar, evidencing assignment of this Bond or any portion or portions hereof in any authorized denomination to the assignee or assignees in whose name or names this Bond or any such portion or portions hereof is or are to be transferred and registered. The Form of Assignment printed or endorsed on this Bond shall be executed by the registered owner, or its duly authorized attorney or representative, to evidence the assignment

hereof. A new Bond or Bonds payable to such assignee or assignees (which then will be the new registered owner or owners of such new Bond or Bonds), or to the previous registered owner in the case of the assignment and transfer of only a portion of this Bond, may be delivered by the Paying Agent/Registrar in exchange for this Bond, all in the form and manner as provided in the next paragraph hereof for the exchange of other Bonds. The Board shall pay the Paying Agent/Registrar's standard or customary fees and charges, if any, for making such transfer or exchange as provided below, but the one requesting such transfer or exchange shall pay any taxes or other governmental charges required to be paid with respect thereto. The Paying Agent/Registrar shall not be required to make transfers of registration or exchange of this Bond or any portion hereof #[(i) with respect to Current Interest Bonds,] during the period commencing with the close of business on any Record Date and ending with the opening of business on the next following principal or interest payment date, or, (ii) with respect to any Bond or any portion thereof called for redemption prior to maturity, within 45 days prior to its redemption date. The registered owner of this Bond shall be deemed and treated by the Board and the Paying Agent/Registrar as the absolute owner hereof for all purposes, including payment and discharge of liability upon this Bond to the extent of such payment, and, to the extent permitted by law, the Board and the Paying Agent/Registrar shall not be affected by any notice to the contrary.

ALL BONDS OF THIS SERIES are issuable solely as fully registered bonds, without interest coupons, #[with respect to the Current Interest Bonds,] in the denomination of any integral multiple of \$5,000 ##[, with respect to Capital Appreciation Bonds, in the denomination of \$5,000 Maturity Amounts or any integral multiple thereof.] As provided in the Bond Resolution, this Bond may, at the request of the registered owner or the assignee or assignees hereof, be exchanged for a like aggregate principal amount of fully registered bonds, without interest coupons, payable to the appropriate registered owner, assignee, or assignees, as the case may be, having the same maturity date, in the same form, and bearing interest at the same rate, in any authorized denomination as requested in writing by the appropriate registered owner, assignee, or assignees, as the case may be, upon surrender of this Bond to the Paying Agent/Registrar for cancellation, all in accordance with the form and procedures set forth in the Bond Resolution. Whenever the beneficial ownership of this Bond is determined by a book entry at a securities depository for the Bonds, the foregoing requirements of holding, delivering, or transferring this Bond shall be modified to require the appropriate person or entity to meet the requirements of the securities depository as to registering or transferring the book entry to produce the same effect.

IN THE EVENT any Paying Agent/Registrar for the Bonds is changed by the Board, resigns, or otherwise ceases to act as such, the Board has covenanted in the Bond Resolution that it promptly will appoint a competent and legally qualified substitute therefor, and promptly will cause written notice thereof to be mailed to the registered owners of the Bonds.

IT IS HEREBY certified, recited, and covenanted that this Bond has been duly and validly authorized, issued, and delivered; that all acts, conditions, and things required or proper to be performed, exist, and be done precedent to or in the authorization, issuance, and delivery of this Bond have been performed, existed, and been done in accordance with law; that the Series of Bonds of which this Bond is one constitute Parity Obligations under the Master Resolution; and that the interest on and principal of this Bond, together with the other Bonds of this Series and the other outstanding Parity Obligations are equally and ratably secured by and payable from a lien on

and pledge of the Pledged Revenues, subject only to the provisions of Prior Encumbered Obligations, if any.

THE BOARD has reserved the right, subject to the restrictions referred to in the Bond Resolution, (i) to issue additional Parity Obligations which also may be secured by and made payable from a lien on and pledge of the aforesaid Pledged Revenues, in the same manner and to the same extent as this Bond, and (ii) to amend the provisions of the Bond Resolution under the conditions provided in the Bond Resolution.

THE REGISTERED OWNER hereof shall never have the right to demand payment of this Bond or the interest hereon out of any funds raised or to be raised by taxation or from any source whatsoever other than specified in the Bond Resolution.

BY BECOMING the registered owner of this Bond, the registered owner thereby acknowledges all of the terms and provisions of the Bond Resolution, agrees to be bound by such terms and provisions, acknowledges that the Bond Resolution is duly recorded and available for inspection in the official minutes and records of the Board, and agrees that the terms and provisions of this Bond and the Bond Resolution constitute a contract between each registered owner hereof and the Board.

[remainder of page intentionally left blank]

IN WITNESS WHEREOF, the Board has caused this Bond to be signed with the manual or facsimile signature of the [Chairman] [Vice Chairman] of the Board and countersigned with the manual or facsimile signature of the Executive Director, Board of Regents, and has caused the official seal of the Board to be duly impressed, or placed in facsimile, on this Bond

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
Executive Director, Board of Regents of The
Texas A&M University System

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
[Chairman] [Vice Chairman], Board of
Regents of The Texas A&M University
System

(BOARD SEAL)

- * The use of proceeds provisions shall be conformed to the purposes referenced in the Award Certificate.
- ** The redemption provisions shall be conformed to the language relating to redemption in the Award Certificate. Provisions of Bonds related to redemption are to be deleted if the Bonds are not subject to redemption. Any inconsistencies in such provisions shall be resolved in favor of the Award Certificate.
- # For inclusion in Current Interest Bonds if some of the Bonds are issued as Capital Appreciation Bonds.
- ## For inclusion in Capital Appreciation Bonds.

* * *

[INSERTIONS FOR THE INITIAL BONDS]

The Initial Current Interest Bond shall be in the form set forth in this exhibit, except that:

- A. Immediately under the name of the Bond, the headings "INTEREST RATE" and "MATURITY DATE" shall both be completed with the words "As shown below", and the heading "CUSIP NO." shall be deleted.
- B. The first paragraph of the Bond shall be deleted and the following will be inserted (with all blanks and bracketed items to be completed with information contained in the Award Certificate):

"THE BOARD OF REGENTS OF THE TEXAS A&M UNIVERSITY (the "Board"), being an agency of the State of Texas, hereby promises to pay to the registered owner specified above or the registered assignee hereof (either being hereinafter called the "registered owner") on in each of the years in the principal installments and bearing interest at the per annum rates set forth in the following schedule:

<u>YEARS OF STATED MATURITY</u>	<u>PRINCIPAL AMOUNTS</u>	<u>INTEREST RATES</u>

[Information from Award Certificate to be inserted]

THE BOARD promises to pay interest on the unpaid principal amount hereof from the [Dated Date] [Issuance Date] specified above at the respective per annum rate of interest specified above, calculated on the basis of a 360-day year composed of twelve 30-day months, to the Maturity Date specified above, or the date of redemption prior to maturity; with interest being payable on _____, 20____, and semi-annually on each _____ and _____ thereafter, except that if the date of authentication of this Bond is later than the first Record Date (hereinafter defined), such principal amount shall bear interest from the interest payment date next preceding the date of authentication, unless such date of authentication is after any Record Date but on or before the next following interest payment date, in which case such principal amount shall bear interest from such next following interest payment date."

- C. The Initial Bond shall be numbered "T-I".

The Initial Capital Appreciation Bond shall be in the form set forth in this exhibit, except

- A. Immediately under the name of the Bond, the headings "INTEREST RATE" and "MATURITY DATE" shall both be completed with the words "As shown below", and the heading "CUSIP NO." shall be deleted.
- B. The first paragraph of the Bond shall be deleted and the following will be inserted (with all blanks and bracketed items to be completed with information contained in the Award Certificate):

"THE BOARD OF REGENTS OF THE TEXAS A&M UNIVERSITY SYSTEM (the "Board"), being an agency of the State of Texas, hereby promises to pay to the registered owner specified above or the registered assignee hereof (either being hereinafter called the "registered owner") on in each of the years in the Maturity Amounts and bearing interest at the per annum rates set forth in the following schedule:

<u>YEARS OF STATED MATURITY</u>	<u>PRINCIPAL AMOUNTS</u>	<u>INTEREST RATES</u>

[Information from Award Certificate to be inserted]

INTEREST shall accrete on the original principal amount hereof from the Issuance Date at the interest rate per annum specified above (subject to rounding to the Compounded Amounts as provided in the Bond Resolution), compounded semi-annually on _____ and _____ of each year, commencing _____, 20___. For convenience of reference, a table appears on the back of this Bond showing the "Compounded Amount" of the original principal amount per \$5,000 Maturity Amount compounded semiannually at the yield shown on such table."

C. The Initial Capital Appreciation Bond shall be numbered "CT-1".

* * *

TABLE OF ACCRETED VALUES [FOR CAPITAL APPRECIATION BONDS]

The Accreted Value, initial offering price (all per \$5,000 of Maturity Amount), together with the yield to maturity are as follows. Accreted Values are calculated based on the initial offering price and yield to maturity and, except at maturity, do not equal principal amount plus accrued interest.

* * *

[FORM OF PAYING AGENT/REGISTRAR'S AUTHENTICATION CERTIFICATE]

PAYING AGENT/REGISTRAR'S AUTHENTICATION CERTIFICATE

IT IS HEREBY certified that this Bond has been issued under the provisions of the Bond Resolution described in this Bond and that this Bond has been issued in conversion of and exchange for or replacement of a bond, bonds, or a portion of a bond or bonds of an issue which originally was approved by the Attorney General of the State of Texas and registered by the Comptroller of Public Accounts of the State of Texas.

[_____]
as Paying Agent/Registrar

Dated: _____

By: _____
Authorized Representative

* * *

[FORM OF REGISTRATION CERTIFICATE
OF THE COMPTROLLER OF PUBLIC ACCOUNTS]

COMPTROLLER'S REGISTRATION CERTIFICATE

REGISTER NO.

I hereby certify that this Bond has been examined, certified as to validity, and approved by the Attorney General of the State of Texas, and that this Bond has been registered by the Comptroller of Public Accounts of the State of Texas.

Witness my signature and seal this

(COMPTROLLER'S SEAL)

Comptroller of Public Accounts of the State
of Texas

* * *

[FORM OF ASSIGNMENT]

ASSIGNMENT

For value received, the undersigned hereby sells, assigns and transfers unto _____

Please insert Social Security or Taxpayer Identification Number of Transferee

(Please print or typewrite name and address, including zip code, of Transferee.)

the within Certificate and all rights thereunder, and hereby irrevocably constitutes and appoints _____, attorney, to register the transfer of the within Certificate on the books kept for registration thereof, with full power of substitution in the premises.

Dated: _____

Signature Guaranteed:

NOTICE: Signature(s) must be guaranteed by an eligible guarantor institution participating in a securities transfer association recognized signature guarantee program.

NOTICE: The signature above must correspond with the name of the registered owner as it appears upon the front of this Certificate in every particular, without alteration or enlargement or any change whatsoever.

Note: In addition, provisions of the Bond relating to redemption may be changed, completed, or deleted as determined by the Designated Financial Officer to conform to the terms set forth in the Award Certificate.

Agenda Item No. 2.1

**BOARD OF REGENTS
THE TEXAS A&M UNIVERSITY SYSTEM**
July 13, 2020

Members, Board of Regents
The Texas A&M University System

Subject: Approval of System Internal Audit Plan for Fiscal Year 2021

The Committee on Audit recommends adoption of the following minute order:

“The Board of Regents of The Texas A&M University System hereby approves the System Internal Audit Plan for Fiscal Year 2021, a copy of which is attached to the official minutes.”

Respectfully submitted,

Phil Adams
Chairman, Committee on Audit

Approved for Legal Sufficiency:

[ORIGINAL SIGNED BY]

Ray Bonilla
General Counsel



THE TEXAS A&M UNIVERSITY SYSTEM

System Internal Audit Department

Fiscal Year 2021 Audit Plan



System Internal Audit Department Fiscal Year 2021 Audit Plan

SYSTEMWIDE AUDITS

Purchasing Cards
Texas Higher Education Coordinating Board Construction Audit Reporting

A&M SYSTEM OFFICES

Treasury Services – Cash and Investments
Security Operations Center

TEXAS A&M UNIVERSITY

Collegiate Licensing
Accounts Payable (Travel)
International Ocean Discovery Program
Purchasing
Transportation Services - Information Technology
Student Information System
Tuition and Fees

PRAIRIE VIEW A&M UNIVERSITY

Financial Management Services - Revenue Management

TARLETON STATE UNIVERSITY

Student Information System
Student Housing

TEXAS A&M INTERNATIONAL UNIVERSITY

Financial Management Services

TEXAS A&M UNIVERSITY–CENTRAL TEXAS

Financial Aid
Financial Management Services

TEXAS A&M UNIVERSITY–COMMERCE

Financial Management Services

TEXAS A&M UNIVERSITY–CORPUS CHRISTI

Information Technology



**System Internal Audit Department
Fiscal Year 2021 Audit Plan**

TEXAS A&M UNIVERSITY–KINGSVILLE

Student Information System
Financial Management Services

TEXAS A&M UNIVERSITY–SAN ANTONIO

Student Information System

TEXAS A&M UNIVERSITY–TEXARKANA

Student Information System

WEST TEXAS A&M UNIVERSITY

Student Information System
Financial Management Services

TEXAS A&M AGRILIFE RESEARCH

Centers and Institutes
Animal Care and Use - Outside Brazos County

TEXAS A&M ENGINEERING EXTENSION SERVICE

Financial Management Services
Health and Safety

TEXAS A&M FOREST SERVICE

Financial Management Services

TEXAS A&M TRANSPORTATION INSTITUTE

Health and Safety

TEXAS DIVISION OF EMERGENCY MANAGEMENT

Governance



System Internal Audit Department Fiscal Year 2021 Audit Plan

The purpose of the audit plan is to outline audits and other activities the System Internal Audit Department will conduct during fiscal year 2021. The plan is developed to satisfy responsibilities established by the Board of Regents Bylaws, System Policy 10.01 *Internal Auditing*, Texas Government Code Section 2102.008, and applicable auditing standards. The Chief Auditor is authorized to make changes to the plan to address changes in identified risks. The Committee on Audit and the Chancellor will be notified of any significant additions, deletions, or other changes to the audit plan. Deliverables for planned audits may include audit reports, technical assistance, data analysis, and other written and oral communications.

The specific scope of each audit will be determined once the audit team has completed the planning process for the audit. This process includes consideration of the governance, risk management, and control processes that provide reasonable assurance that:

- Risks relating to the achievement of the system's strategic objectives are appropriately identified and managed.
- The actions of the system's officers, directors, employees, and contractors are in compliance with the system's policies, procedures, and applicable laws, regulations, and governance standards.
- The results of operations or programs are consistent with established goals and objectives.
- Operations or programs are being carried out effectively and efficiently.
- Established processes and systems enable compliance with the policies, procedures, laws, and regulations that could significantly impact the system.
- Information and the means used to identify, measure, analyze, classify, and report such information are reliable and have integrity.
- Resources and assets are acquired economically, used efficiently, and protected adequately.

AGENDA ITEM BRIEFING

Submitted by: Billy Hamilton, Deputy Chancellor and Chief Financial Officer
The Texas A&M University System

Subject: Approval of System Capital Plan for FY 2021 – FY 2025

Proposed Board Action:

Approve the System Capital Plan for FY 2021 – FY 2025.

Background Information:

Members of The Texas A&M University System each prepare a five-year capital plan as part of the overall planning process. These plans are then compiled into a system capital plan. The system capital plan includes all Revenue Financing System (RFS) and Permanent University Fund (PUF)-financed projects, repair/renovation projects costing \$4 million or more, new construction/addition projects costing \$4 million or more, and real property acquisitions costing more than \$1 million. Both the CEO and CFO of each system member have certified the information included in the system member's capital plan including the adequacy of the debt repayment revenue resources.

Per System Policy *51.01 Capital Planning*, the five-year capital plan for The Texas A&M University System is being presented to the Board of Regents for approval.

The \$2.2 billion system capital plan includes \$1.5 billion of previously approved projects that are either in design or construction. After cumulative expenditures of \$305.4 million through April 2020, the remaining balance to be expended on approved projects is \$1.2 billion. The system capital plan also includes \$676.8 million in proposed future projects including \$162.9 million of RFS debt projects, \$89.5 million of PUF debt projects, and \$424.4 million of projects to be funded by cash sources including the Available University Fund, Higher Education Fund, energy savings contracts, interest income, federal grants, designated tuition, gifts, student fees, auxiliary enterprise funds, general revenue, and other local funds.

Prior to inclusion on the capital plan for FY 2021, projects have completed the preparation of the Program of Requirements (unless otherwise noted on the plan). Board approval of the system capital plan for FY 2021 – FY 2025 will constitute approval for initiation of the proposed projects indicated to start in FY 2021 along with approval of the identified funding sources and will authorize the appropriation of up to 10 percent of the planning amounts indicated for the FY 2021 projects for pre-construction activities. Pre-construction activities include work of the Architect/Engineer Design Team, design assistance from a Design-Build Contractor or Construction Manager at Risk, environmental surveys, site surveys, building and site demolition work, and any other activities required to design the project. In addition, approval will authorize the completion of FY 2021 minor construction, rehabilitation/renovation, and equipment/software procurement projects including the appropriation of PUF and RFS debt proceeds where indicated.

FY 2021 proposed projects total \$146.6 million and include \$47.2 million of RFS debt projects, \$82.9 million of PUF debt projects, and \$16.5 million of projects to be funded by cash sources including AUF, HEF, energy savings contracts, interest income, federal grants, designated tuition, gifts, auxiliary enterprise funds, general revenue, and other local funds.

Agenda Item No. 3.1
Agenda Item Briefing

The initiated projects will be presented to the board for approval of construction when a scope and budget are more defined, prior to any construction contract award.

A&M System Funding or Other Financial Implications:

The board's approval of the system capital plan for FY 2021 – FY 2025 will authorize the appropriation of up to 10 percent of the planning amounts for FY 2021 proposed projects for pre-construction activities. As presented, requested appropriations for proposed FY 2021 projects would total up to \$14.7 million. In addition, the board's approval authorizes appropriation of PUF and RFS funds for the completion of FY 2021 minor construction, rehabilitation/renovation, equipment/software procurement, and other projects to be administered by the institutions or System Facilities Planning and Construction.

Strategic Plan Imperative(s) this Item Advances:

This item advances Strategic Plan Imperative 6, which provides that "The A&M System, in adhering to the high standard of excellence and growth required in this strategic plan, will display prudent financial stewardship and sustainability."

THE TEXAS A&M UNIVERSITY SYSTEM
FACILITIES PLANNING AND CONSTRUCTION
Office of the Deputy Chancellor and Chief Financial Officer
July 13, 2020

Members, Board of Regents
The Texas A&M University System

Subject: Approval of System Capital Plan for FY 2021 – FY 2025

I recommend adoption of the following minute order:

“The system capital plan for FY 2021 – FY 2025, as shown in the attached exhibit, is approved and authorization to appropriate up to 10 percent of the planning amount indicated for all FY2021 proposed projects is granted. In addition, the appropriation of PUF and RFS funding is approved for FY 2021 minor construction, rehabilitation/renovation, and equipment/software procurement projects administered by the institutions or System Facilities Planning and Construction.

The Board of Regents of The Texas A&M University System (board) reasonably expects to incur debt in one or more obligations for these projects, and all or a portion of the proceeds received from the sale of such obligations is reasonably expected to be used to reimburse the account(s) for amounts previously appropriated and/or expended from such account(s).

To the extent that the system capital plan identifies projects for financing through the issuance of parity obligations secured by and payable from revenues of the Revenue Financing System, and as required by Section 5(a) of the Master Resolution of the Revenue Financing System, the board hereby determines that it will have sufficient funds to meet the financial obligations of The Texas A&M University System, including sufficient pledged revenues to satisfy the annual debt service requirements of the Revenue Financing System and to meet all financial obligations of the board relating to the Revenue Financing System and that the participants, on whose behalf the parity obligations are issued, possess the financial capacity to satisfy their direct obligations after taking into account such proposed additional Revenue Financing System parity obligations as are identified in the system capital plan.”

Respectfully submitted,

[ORIGINAL SIGNED BY]

Billy Hamilton
Deputy Chancellor and
Chief Financial Officer

Approval Recommended:

Approved for Legal Sufficiency:

[ORIGINAL SIGNED BY]

John Sharp
Chancellor

[ORIGINAL SIGNED BY]

Ray Bonilla
General Counsel

[ORIGINAL SIGNED BY]

Phillip Ray
Vice Chancellor for Business Affairs



FY 2021 – FY 2025
Capital Plan
August 2020

EXECUTIVE SUMMARY

Members of The Texas A&M University System each prepare a five-year capital plan as part of the overall planning process. These plans are then compiled into a System Capital Plan. Both the CEO and CFO of each system member certify the information included in the system member's capital plan including the adequacy of the debt repayment revenue resources.

The \$2.2 billion System Capital Plan includes \$1.5 billion of previously approved projects that are either in design or under construction and \$676.8 million in proposed future projects. After cumulative expenditures through April 2020 of \$305.4 million, the remaining balance to be expended on approved projects is \$1.2 billion. Included in the proposed future projects are \$162.9 million of Revenue Financing System debt projects, \$89.5 million of Permanent University Fund debt projects, and \$424.4 million of projects to be funded by cash sources including the Available University Fund, Higher Education Fund, energy savings contracts, interest income, federal grants, designated tuition, gifts, student fees, auxiliary enterprise funds, general revenue, and other local funds.

Fiscal year 2021 proposed projects total \$146.6 million and include \$47.2 million of RFS debt projects, \$82.9 million of PUF debt projects, and \$16.5 million of projects to be funded by cash sources including AUF, HEF, energy savings contracts, interest income, federal grants, designated tuition, gifts, auxiliary enterprise funds, general revenue, and other local funds.

THE TEXAS A&M UNIVERSITY SYSTEM CAPITAL PLAN FY 2021 - FY 2025

System Member	Previously Approved Projects	Proposed Projects	Total Project Planning Amounts
Texas A&M University	494,945,584	428,192,803	923,138,387
Texas A&M University at Galveston	12,000,000	8,000,000	20,000,000
Texas A&M Health Science Center	226,326,353	9,600,000	235,926,353
Prairie View A&M University	85,074,828	18,132,000	103,206,828
Tarleton State University	58,400,000	73,307,950	131,707,950
Texas A&M University - Corpus Christi	68,200,000	-	68,200,000
Texas A&M International University	-	-	-
Texas A&M University - Kingsville	3,343,923	61,760,021	65,103,944
West Texas A&M University	23,959,744	20,203,500	44,163,244
Texas A&M University - Texarkana	-	-	-
Texas A&M University - Commerce	-	-	-
Texas A&M University - Central Texas	10,228,091	-	10,228,091
Texas A&M University - San Antonio	114,427,000	9,500,000	123,927,000
Texas A&M AgriLife Research	26,291,929	-	26,291,929
Texas A&M AgriLife Extension Service	8,125,427	-	8,125,427
Texas A&M Forest Service	7,035,000	-	7,035,000
Texas A&M Veterinary Medical Diagnostic Laboratory	17,600,000	-	17,600,000
Texas A&M Engineering Experiment Station	178,530,000	32,750,000	211,280,000
Texas A&M Engineering Extension Service	43,990,770	-	43,990,770
Texas A&M Transportation Institute	2,000,000	-	2,000,000
System Offices	38,973,952	10,000,000	48,973,952
RELLIS	59,946,164	5,372,000	65,318,164
Texas Division of Emergency Management	-	-	-
	<u>1,479,398,765</u>	<u>676,818,274</u>	<u>2,156,217,039</u>

THE TEXAS A&M UNIVERSITY SYSTEM CAPITAL PLAN FY 2021 - FY 2025

<u>System Member</u>	<u>Total Project Planning Amounts</u>	<u>Cumulative Prior Years Expenditures to 4/30/2020</u>	<u>Remaining Planning Amounts</u>
Texas A&M University	923,138,387	145,973,062	777,165,325
Texas A&M University at Galveston	20,000,000	-	20,000,000
Texas A&M Health Science Center	235,926,353	68,979,610	166,946,743
Prairie View A&M University	103,206,828	6,294,903	96,911,925
Tarleton State University	131,707,950	3,362,237	128,345,713
Texas A&M University - Corpus Christi	68,200,000	220,079	67,979,921
Texas A&M International University	-	-	-
Texas A&M University - Kingsville	65,103,944	-	65,103,944
West Texas A&M University	44,163,244	2,497,973	41,665,271
Texas A&M University - Texarkana	-	-	-
Texas A&M University - Commerce	-	-	-
Texas A&M University - Central Texas	10,228,091	386,011	9,842,080
Texas A&M University - San Antonio	123,927,000	14,757,223	109,169,777
Texas A&M AgriLife Research	26,291,929	2,986,774	23,305,155
Texas A&M AgriLife Extension Service	8,125,427	984,908	7,140,519
Texas A&M Forest Service	7,035,000	74,168	6,960,832
Texas A&M Veterinary Medical Diagnostic Laboratory	17,600,000	12,508,176	5,091,824
Texas A&M Engineering Experiment Station	211,280,000	20,803,851	190,476,149
Texas A&M Engineering Extension Service	43,990,770	2,072,871	41,917,899
Texas A&M Transportation Institute	2,000,000	193,831	1,806,169
System Offices	48,973,952	3,865,206	45,108,746
RELLIS	65,318,164	19,475,308	45,842,856
Texas Division of Emergency Management	-	-	-
	<u>2,156,217,039</u>	<u>305,436,191</u>	<u>1,850,780,848</u>

THE TEXAS A&M UNIVERSITY SYSTEM CAPITAL PLAN PROPOSED PROJECTS - FISCAL YEAR 2021

System Member	Planning Amounts	Resource Allocation		
		PUF Debt Proceeds	RFS Debt Proceeds	Other
Texas A&M University	40,757,301		34,123,020	6,634,281
Texas A&M University at Galveston	8,000,000		8,000,000	
Texas A&M Health Science Center	-			
Prairie View A&M University	8,132,000	1,000,000		7,132,000
Tarleton State University	67,307,950	66,000,000	307,950	1,000,000
Texas A&M University - Corpus Christi	-			
Texas A&M International University	-			
Texas A&M University - Kingsville	2,760,021		2,760,021	
West Texas A&M University	1,503,500			1,503,500
Texas A&M University - Texarkana	-			
Texas A&M University - Commerce	-			
Texas A&M University - Central Texas	-			
Texas A&M University - San Antonio	-			
Texas A&M AgriLife Research	-			
Texas A&M AgriLife Extension Service	-			
Texas A&M Forest Service	-			
Texas A&M Veterinary Medical Diagnostic Laboratory	-			
Texas A&M Engineering Experiment Station	2,750,000	500,000	2,000,000	250,000
Texas A&M Engineering Extension Service	-			
Texas A&M Transportation Institute	-			
System Offices	10,000,000	10,000,000		
RELLIS	5,372,000	5,372,000		
TDEM	-			
	<u>146,582,772</u>	<u>82,872,000</u>	<u>47,190,991</u>	<u>16,519,781</u>

THE TEXAS A&M UNIVERSITY SYSTEM
Capital Plan

Funding Codes

a	Available University Fund
b	Gifts
c	Contracts and Grants
e	E&G Unrestricted
f	Federal Funds
g	Designated Tuition
h	Housing Revenues
n	General Revenue
o	Other
p	Parking
r	Recreational Sports Fees
s	Student Fees
T	Tuition Revenue
u	Utility
v	Stadium Revenue Funds
w	Higher Education Funds
x	Auxiliary Enterprise Funds
y	Indirect Cost Recoveries

TEXAS A&M UNIVERSITY
FY 2021 - FY 2025 CAPITAL PLAN
SUMMARY INFORMATION

Project #	Projected FY Start Date for Proposed Projects	Project Name	Total Planning Amount	Funding Sources			Cumulative Expenditures Prior Years to 4/30/2020
				PUF Debt Proceeds	RFS Debt Proceeds	Other	
APPROVED PROJECTS							
2-3236		21st Century Classroom Building	85,000,000	70,000,000		15,000,000 o	55,211,146
2-3254		Polo Garage	78,367,296		78,367,296 p,r		42,860,163
2-3266		Veterinary Education, Research & Outreach Center	22,000,000	22,000,000			15,280,405
2-3267		South Campus Recreation Center	35,062,500		35,062,500 r		76,645
2-3272		Instructional Laboratory & Innovative Learning Building (ILSQ)	100,000,000	20,000,000	80,000,000 g		1,777,444
2-3274		Swimming and Diving Expansion	8,381,113		2,100,000 b	6,281,113 b,v	891,467
2-3276		HVAC Replacement Dunn Hall	15,194,130		15,194,130 h		2,040,106
2-3277		West Campus Dining Facility	15,000,000			15,000,000 o	600,160
2-3278		Peterson Building Renovation	26,000,000		25,300,000 g,o	700,000 o	2,497,572
2-3304		Joint Library Facility - Module 3	7,500,000			7,500,000 o	-
		Electrical System Improvements	8,943,750		8,943,750 u		6,046,292
		Utility Plant Control Upgrade	7,500,000		7,500,000 u		38,600
		Building Automation Systems (BAS) Upgrade	9,750,000		9,750,000 u		-
		Heldenfels 2nd Floor Renovation	7,486,750			7,486,750 g	784,265
		Nagle Hall Renovation	9,653,411			9,653,411 g	6,292,226
		HVAC Replacement Appelt Hall	8,165,848		8,165,848 h		769,083
		HVAC Replacement Lechner	7,025,766		7,025,766 h		366,178
		HVAC Replacement Wells Hall	7,994,926		7,994,926 h		362,872
		Aerothermochemistry Lab, Expansion of Wind Tunnel Building	5,000,000			5,000,000 a,o	3,285,032
		Railroad Quiet Zone	5,000,000			5,000,000 o	-
		Physical Plant Projects/Equipment/Other	25,920,094	13,670,094	12,250,000		6,793,406
		Total Construction/Acquisitions in Progress	494,945,584	125,670,094	297,654,216	71,621,274	145,973,062

TEXAS A&M UNIVERSITY
FY 2021 - FY 2025 CAPITAL PLAN
SUMMARY INFORMATION

Project #	Projected FY Start Date for Proposed Projects	Project Name	Total Planning Amount	Funding Sources			Cumulative Expenditures Prior Years to 4/30/2020
				PUF Debt Proceeds	RFS Debt Proceeds	Other	
PROPOSED PROJECTS							
	2021	SUP3 Expansion	20,930,520		20,930,520	u	
	2021	HVAC System Walton Hall	8,192,500		8,192,500	h	
	2021	Interior Finishes Renovation Aston Hall Phase II	6,634,281				6,634,281 h
	2022	Interior Finishes Renovation Dunn Hall Phase I	6,095,540				6,095,540 h
	2022	HVAC System Hart Hall	9,000,450		9,000,450	h	
	2022	* The Gardens at Texas A&M University: Phase II	33,500,203				33,500,203 b
	2022	Law School Clinic and Garage	31,000,000				31,000,000 b
	2022	Indoor Tennis Facility	30,000,000				30,000,000 b
	2022	Petroleum Engineering Building	75,000,000				75,000,000 b,g
	2022	Law School Building	85,000,000				85,000,000 b
	2022	Business Education Complex	74,675,000		16,575,000	g	58,100,000 b,o
	2022	Aggieland Visitor Center	36,216,700				36,216,700 b
	2023	Interior Finishes Renovation Dunn Hall Phase II	6,947,609				6,947,609 h
		Physical Plant Projects/Equipment/Other	5,000,000		5,000,000		
		Total Proposed Construction/Acquisitions	428,192,803	-	59,698,470		-
TOTAL CAPITAL PLAN			923,138,387	125,670,094	357,352,686	440,115,607	145,973,062

* AgriLife will expend up to \$1.5 million completing a feasibility study for this project. The project will not move forward into construction until funding is finalized.

Unfunded Capital Needs:

2022	Biology Building	250,000,000
2022	HEC McAllen Research Facility & Nursing Instruction Center	40,000,000
2022	Old Heep Laboratory Building Renovation	12,064,000

TEXAS A&M UNIVERSITY at GALVESTON
FY 2021 - FY 2025 CAPITAL PLAN
SUMMARY INFORMATION

Project #	Projected FY Start Date for Proposed Projects	Project Name	Total Planning Amount	Funding Sources			Cumulative Expenditures Prior Years to 4/30/2020
				PUF Debt Proceeds	RFS Debt Proceeds	Other	
APPROVED PROJECTS							
		Physical Plant Projects/Equipment/Other	12,000,000		12,000,000		
		Total Construction/Acquisitions in Progress	12,000,000	-	12,000,000	-	
PROPOSED PROJECTS							
	2021	ESCO 2021 (Energy Savings Projects)	8,000,000		8,000,000	-	
		Total Proposed Construction/Acquisitions	8,000,000	-	8,000,000	-	
TOTAL CAPITAL PLAN			20,000,000	-	20,000,000	-	

Unfunded Capital Needs:

2022	Infrastructure (Shoreside Dock, Campus, State of the Art Classrooms & Labs for the Training Vessel)	45,000,000
2022	Land Acquisition	16,882,632
2022	New Engineering Teaching/Research Building	57,963,704
2024	Immersive Scholarship & Learning Environment Bldg. (The ISLE)	34,202,792
2024	Recreation Sports Facility Expansion and Athletic Fields	46,258,812
2024	Building Condition Assessment Upgrades	50,899,379
2026	Renovation of Old Library for New Student Center	10,588,128

TEXAS A&M HEALTH SCIENCE CENTER
FY 2021 - FY 2025 CAPITAL PLAN
SUMMARY INFORMATION

Project #	Projected FY Start Date for Proposed Projects	Project Name	Total Planning Amount	Funding Sources			Cumulative Expenditures Prior Years to 4/30/2020
				PUF Debt Proceeds	RFS Debt Proceeds	Other	
APPROVED PROJECTS							
23-3258		En/Health Building Renovation	87,318,000	71,318,000		16,000,000	66,030,547
23-3320		Texas A&M University TMC3 Biomedical Research Building	100,000,000	100,000,000			-
		Physical Plant Projects/Equipment/Other	39,008,353	39,008,353			2,949,063
		Total Construction/Acquisitions in Progress	226,326,353	210,326,353	-	16,000,000	68,979,610
PROPOSED PROJECTS							
	2022	College of Dentistry Main Building Renovation	9,600,000	3,600,000		6,000,000	b,g,y,o
		Total Construction/Acquisitions	9,600,000	3,600,000	-	6,000,000	-
TOTAL CAPITAL PLAN			235,926,353	213,926,353	-	22,000,000	68,979,610

Unfunded Capital Needs:

2024	Research and Nursing Education Building in McAllen	40,000,000

PRAIRIE VIEW A&M UNIVERSITY
FY 2021 - FY 2025 CAPITAL PLAN
SUMMARY INFORMATION

Project #	Projected FY Start Date for Proposed Projects	Project Name	Total Planning Amount	Funding Sources			Cumulative Expenditures Prior Years to 4/30/2020
				PUF Debt Proceeds	RFS Debt Proceeds	Other	
APPROVED PROJECTS							
5-3300		Engineering Classroom and Research Building	70,000,000	63,000,000		7,000,000 b	-
		Agriculture Comprehensive Facility	6,093,828			6,093,828 c,g	3,807,157
		Physical Plant Projects/Equipment/Other	8,981,000	8,981,000			2,487,746
		Total Construction/Acquisitions in Progress	85,074,828	71,981,000	-	13,093,828	6,294,903
PROPOSED PROJECTS							
	2021	EB Evans Building Renovation	8,132,000	1,000,000		7,132,000 a,c,g,o	
	2022	Innovation and Commercialization Center for Entrepreneurs	10,000,000			10,000,000 a,g,o	
		Total Proposed Construction/Acquisitions	18,132,000	1,000,000	-	17,132,000	-
TOTAL CAPITAL PLAN			103,206,828	72,981,000	-	30,225,828	6,294,903

Unfunded Capital Needs:

2022	Texas Institute for Preservation of History & Culture Museum	3,500,000
2022	Texas Center for Precision Regenerative Medicine Renovation	3,800,000
2022	Campus Dining Facility	12,000,000
2022	Student Services Building	12,500,000
2022	Multipurpose Educational and Event Facility	60,000,000
2023	Expanded Utility Plant	18,000,000
2025	Campus Northwest Loop Extension	3,900,000

TARLETON STATE UNIVERSITY
FY 2021 - FY 2025 CAPITAL PLAN
SUMMARY INFORMATION

Project #	Projected FY Start Date for Proposed Projects	Project Name	Total Planning Amount	Funding Sources			Cumulative Expenditures Prior Years to 4/30/2020
				PUF Debt Proceeds	RFS Debt Proceeds	Other	
APPROVED PROJECTS							
4-3264		Aquatics Center	10,000,000		10,000,000	s	561,615
		Physical Plant Projects/Equipment/Other	48,400,000	41,405,000	5,395,000	1,600,000	2,800,622
		Total Construction/Acquisitions in Progress	58,400,000	41,405,000	15,395,000	1,600,000	3,362,237
PROPOSED PROJECTS							
2021		Aquatics Center (addition)	1,307,950		307,950	p	1,000,000
2021		Fort Worth Building #2	66,000,000	66,000,000			s
2023		Baseball/Softball Complex	6,000,000		4,000,000	r	2,000,000
		Total Proposed Construction/Acquisitions	73,307,950	66,000,000	4,307,950	o	3,000,000
TOTAL CAPITAL PLAN			131,707,950	107,405,000	19,702,950		4,600,000
Unfunded Capital Needs:							
2022		Fort Worth Building #3	60,000,000				
2022		ESCO (Energy Savings Projects)	12,000,000				
2022		OA Grant Renovation	5,000,000				
2022		Dining Services Expansion	15,000,000				
2022		Demolition of Bender and Ferguson Halls	4,400,000				
2022		Applied Sciences Building 2: Agriculture	63,000,000				
2022		Rodeo Arena/Recruiting Space	10,000,000				
2022		Parking Expansion	15,000,000				
2022		Recreation Center Expansion	20,000,000				
2022		College of Health Sciences	72,000,000				
2022		Wisdom Gym Renovation	11,000,000				
2022		Convocation and Event Center	72,000,000				
2022		Land Acquisitions	1,200,000				
2023		Joe Autry Building Expansion and Renovation	25,000,000				
2024		Thompson Student Center Expansion	30,000,000				

TEXAS A&M UNIVERSITY - CORPUS CHRISTI
FY 2021 - FY 2025 CAPITAL PLAN
SUMMARY INFORMATION

Project #	Projected FY Start Date for Proposed Projects	Project Name	Total Planning Amount	Funding Sources		Cumulative Expenditures Prior Years to 4/30/2020
				RFS Debt Proceeds	Other	
APPROVED PROJECTS						
15-3179		Parking Garage - Island Campus	39,000,000	39,000,000	s,o,p	-
		Energy Consumption Reduction - Phase II	9,500,000	9,500,000	o	-
		Physical Plant Projects/Equipment/Other	19,700,000	18,800,000	900,000	220,079
		Total Construction/Acquisitions in Progress	68,200,000	67,300,000	900,000	220,079
TOTAL CAPITAL PLAN			68,200,000	67,300,000	900,000	220,079

Unfunded Capital Needs:

2022	Arts and Media Building	92,500,000
2022	Center for Sciences Renovation	3,200,000
2022	Center for the Arts Roof Replacement	2,500,000
2022	Center for the Sciences Roof Replacement	2,500,000
2022	Natural Resource Center Roof Replacement	3,500,000
2022	Islanders Arena and Convocation Center	35,000,000
2022	Learning Resources - Library	70,000,000
2022	New Academic Building	45,000,000
2023	Early Childhood Development Center Roof Replacement	3,100,000
2023	Natural Resources Center Renovations	3,500,000
2023	Health Center	25,500,000
2023	Student Aquatics Center	45,000,000
2024	Pedestrian Pathway	30,000,000
2025	Parking Garage	40,000,000
2025	Life Sciences Research and Engineering Complex - Ph. II	65,000,000
2025	Center for the Arts Renovations	2,800,000

TEXAS A&M INTERNATIONAL UNIVERSITY
FY 2021 - FY 2025 CAPITAL PLAN
SUMMARY INFORMATION

Unfunded Capital Needs:

2023	Health Sciences Education and Research Center	80,000,000
2023	Addition to Fine and Performing Arts	10,000,000
2024	WHTC Large Classroom Addition	7,000,000
2024	Renovation of Kinesiology Convocation Building	28,000,000

TEXAS A&M UNIVERSITY - KINGSVILLE
FY 2021 - FY 2025 CAPITAL PLAN
SUMMARY INFORMATION

Project #	Projected FY Start Date for Proposed Projects	Project Name	Total Planning Amount	Funding Sources		Cumulative Expenditures Prior Years to 4/30/2020
				RFS Debt Proceeds	Other	
APPROVED PROJECTS						
		Physical Plant Projects/Equipment/Other	3,343,923	3,343,923	-	-
		Total Construction/Acquisitions in Progress	3,343,923	3,343,923	-	-
PROPOSED PROJECTS						
	2023	STEM Lab & Classroom Building	50,000,000	50,000,000 w		
	2024	Utility Improvement	9,000,000	9,000,000 w		
		Physical Plant Projects/Equipment/Other	2,760,021	2,760,021		
		Total Proposed Construction/Acquisitions	61,760,021	61,760,021	-	-
TOTAL CAPITAL PLAN			65,103,944	65,103,944	-	-
Unfunded Capital Needs:						
	2023	Nierman Hall Renovation	9,000,000			
	2023	Agricultural Facilities	70,000,000			
	2024	Drama/Art Building Renovation	7,000,000			
	2024	Business Admin Building Renovation	8,000,000			
	2024	Athletic Facilities Renovation	10,000,000			
	2024	MSUB Mechanical Renovation	19,000,000			
	2025	Hill Hall Renovation	7,000,000			
	2025	Howe Ag Building Renovation	7,000,000			

WEST TEXAS A&M UNIVERSITY
FY 2021 - FY 2025 CAPITAL PLAN
SUMMARY INFORMATION

Project #	Projected FY Start Date for Proposed Projects	Project Name	Total Planning Amount	Funding Sources		Cumulative Expenditures Prior Years to 4/30/2020
				RFS Debt Proceeds	Other	
APPROVED PROJECTS						
18-3313		Amarillo Center Phase III	5,500,000	4,000,000 w,o	1,500,000 o,w	-
		Physical Plant Projects/Equipment/Other	18,459,744		18,459,744	2,497,973
		Total Construction/Acquisitions in Progress	23,959,744	4,000,000	19,959,744	2,497,973
PROPOSED PROJECTS						
18-3313	2021	Amarillo Center Phase III (Addition)	1,503,500		1,503,500 o	
	2023	Cousins Hall Renovation	12,500,000	12,500,000 h		
	2023	Bain Center Phase II	6,200,000	5,200,000 b	1,000,000 b	
		Total Proposed Construction/Acquisitions	20,203,500	17,700,000	2,503,500	-
TOTAL CAPITAL PLAN			44,163,244	21,700,000	22,463,244	2,497,973
Unfunded Capital Needs:						
	2022	New UPD/Lock Shop/Fire Safety Facility	5,000,000			
	2022	Field House Roof	600,000			
	2022	Education Building	29,450,000			
	2022	Education Building Upgrades	1,850,000			
	2022	Utility Plant	5,500,000			
	2022	Mary Moody Northern Hall Upgrades	3,700,000			
	2022	Harrington Fine Arts Center Upgrades	4,900,000			
	2022	Virgil Henson Activities Center Upgrades	6,900,000			
	2022	Panhandle Plains Historical Museum Upgrades	8,000,000			
	2022	Old Main Upgrades	4,600,000			
	2022	JBK Student Center Upgrades	3,800,000			
	2022	Cornette Library Upgrades	5,600,000			
	2022	East Dining Hall Upgrades	2,000,000			
	2022	Feed Mill and Agriculture Research Facility	14,250,000			
	2022	Campus Research Space	18,750,000			
	2023	Intramural Fields	4,000,000			
	2024	Jones Hall Renovation	5,850,000			
	2024	Nursing and Health Building	20,000,000			
	2025	Shirley Hall Renovation	5,250,000			
	2025	Learning Commons	21,500,000			
	2025	New Physical Plant	8,000,000			
	2025	25th Street Enhancement & Loading Dock	12,000,000			
	2025	Central Supply and Warehouse	4,000,000			

TEXAS A&M UNIVERSITY - TEXARKANA
FY 2021- FY 2025 CAPITAL PLAN
SUMMARY INFORMATION

Unfunded Capital Needs:		
2022	College of Business, Engineering and Technology Building	46,000,000

TEXAS A&M UNIVERSITY - COMMERCE FY 2021 - FY 2025 CAPITAL PLAN SUMMARY INFORMATION

Unfunded Capital Needs:

2022	Agricultural Education and Research Complex	95,000,000
2022	New University Police Department building	4,000,000
2022	New Welcome Center	12,000,000
2022	Urban Education Building	70,000,000
2022	ADA/Life Safety Renovations	50,000,000
2022	Library Renovation/Expansion	10,000,000
2022	New Event Center/Parking	58,000,000
2023	Engineering Building	70,000,000
2023	Morris Rec Center Expansion	18,000,000
2024	Rayburn Student Center Expansion	17,500,000
2025	Memorial Stadium Renovation	7,000,000
2025	New Children's Learning Center	4,000,000
2025	New Honors College Living/Learning Residence Hall	50,000,000

TEXAS A&M UNIVERSITY - CENTRAL TEXAS
FY 2021 - FY 2025 CAPITAL PLAN
SUMMARY INFORMATION

Project #	Projected FY Start Date for Proposed Projects	Project Name	Total Planning Amount	Funding Sources			Cumulative Expenditures Prior Years to 4/30/2020
				PUF Debt Proceeds	RFS Debt Proceeds	Other	
APPROVED PROJECTS							
		Physical Plant Projects/Equipment/Other	10,228,091	10,228,091			386,011
		Total Construction/Acquisitions in Progress	10,228,091	10,228,091	-	-	386,011
TOTAL CAPITAL PLAN			10,228,091	10,228,091	-	-	386,011

Unfunded Capital Needs:			
2024	Multipurpose Building 4		60,000,000
2024	Centralized Operational Reliability & Efficiency (CORE) Facilities		50,000,000

TEXAS A&M UNIVERSITY - SAN ANTONIO
FY 2021 - FY 2025 CAPITAL PLAN
SUMMARY INFORMATION

Project #	Projected FY Start Date for Proposed Projects	Project Name	Total Planning Amount	Funding Sources			Cumulative Expenditures Prior Years to 4/30/2020
				PUF Debt Proceeds	RFS Debt Proceeds	Other	
APPROVED PROJECTS							
25-3255		Academic and Administration Building - Phase I	30,000,000	30,000,000			14,757,223
25-3265		Academic and Administration Building - Phase II	53,000,000	53,000,000			-
25-3305		Recreation Center	30,000,000		30,000,000		-
		Physical Plant Projects/Equipment/Other	1,427,000	1,427,000			-
		Total Construction/Acquisitions in Progress	114,427,000	84,427,000	30,000,000	-	14,757,223
PROPOSED PROJECTS							
	2023	Energy Services/Conservation Performance Project	9,500,000		9,500,000		
		Total Proposed Construction/Acquisitions	9,500,000	-	9,500,000	-	-
TOTAL CAPITAL PLAN			123,927,000	84,427,000	39,500,000	-	14,757,223

Unfunded Capital Needs:		
2022	Addition of Instructional, Community Outreach & Support Spaces	60,000,000
2022	Public Health and Education Building	75,000,000
2023	TDEM Facility - San Antonio	95,850,000
2025	Agency & Innovation Center	30,000,000

TEXAS A&M AGRILIFE RESEARCH
FY 2021 - FY 2025 CAPITAL PLAN
SUMMARY INFORMATION

Project #	Projected FY Start Date for Proposed Projects	Project Name	Total Planning Amount	Funding Sources			Cumulative Expenditures Prior Years to 4/30/2020
				PUF Debt Proceeds	RFS Debt Proceeds	Other	
APPROVED PROJECTS							
		Physical Plant Projects/Equipment/Other	26,291,929	26,291,929			2,986,774
		Total Construction/Acquisitions in Progress	26,291,929	26,291,929	-	-	2,986,774
TOTAL CAPITAL PLAN			26,291,929	26,291,929	-	-	2,986,774

TEXAS A&M AGRILIFE EXTENSION SERVICE
FY 2021 - FY 2025 CAPITAL PLAN
SUMMARY INFORMATION

Project #	Projected FY Start Date for Proposed Projects	Project Name	Total Planning Amount	Funding Sources			Cumulative Expenditures Prior Years to 4/30/2020
				PUF Debt Proceeds	RFS Debt Proceeds	Other	
APPROVED PROJECTS							
		HVAC Replacement & Roof Replacement Wallrath Building	5,658,427	3,100,000	1,000,000 y,o	1,558,427 y	730,642
		Physical Plant Projects/Equipment/Other	2,467,000	2,467,000			254,266
		Total Construction/Acquisitions in Progress	8,125,427	5,567,000	1,000,000	1,558,427	984,908
TOTAL CAPITAL PLAN			8,125,427	5,567,000	1,000,000	1,558,427	984,908

TEXAS A&M FOREST SERVICE FY 2021 - FY 2025 CAPITAL PLAN SUMMARY INFORMATION

Project #	Projected FY Start Date for Proposed Projects	Project Name	Total Planning Amount	Funding Sources			Cumulative Expenditures Prior Years to 4/30/2020
				PUF Debt Proceeds	RFS Debt Proceeds	Other	
APPROVED PROJECTS							
		Physical Plant Projects/Equipment/Other	7,035,000	7,035,000			74,168
		Total Construction/Acquisitions in Progress	7,035,000	7,035,000	-	-	74,168
TOTAL CAPITAL PLAN			7,035,000	7,035,000	-	-	74,168

TEXAS A&M VETERINARY MEDICAL DIAGNOSTIC LABORATORY FY 2021 - FY 2025 CAPITAL PLAN SUMMARY INFORMATION

Project #	Projected FY Start Date for Proposed Projects	Project Name	Total Planning Amount	Funding Sources		Cumulative Expenditures Prior Years to 4/30/2020
				RFS Debt Proceeds	Other	
APPROVED PROJECTS						
20-3256		TVMDL - Canyon Facility	17,600,000	17,600,000 n,o		12,508,176
		Total Construction/Acquisitions in Progress	17,600,000	17,600,000	-	12,508,176
TOTAL CAPITAL PLAN			17,600,000	17,600,000	-	12,508,176

TEXAS A&M ENGINEERING EXPERIMENT STATION
FY 2021 - FY 2025 CAPITAL PLAN
SUMMARY INFORMATION

Project #	Projected FY Start Date for Proposed Projects	Project Name	Total Planning Amount	Funding Sources			Cumulative Expenditures Prior Years to 4/30/2020
				PUF Debt Proceeds	RFS Debt Proceeds	Other	
APPROVED PROJECTS							
28-3230		Industrial Distribution Building No. 1	18,640,000		2,500,000 o	16,140,000 b	998,092
28-3298		Innovative Technologies Development Complex	80,000,000	80,000,000			14,662,179
28-3321	*	Ballistic Aero-Optics Materials Facility	25,000,000		17,000,000 c,y	8,000,000 n	-
28-3322	*	Bush Combat Dev. Complex (BCDC) Innovation Proving Grounds	42,000,000			42,000,000 n	-
		Physical Plant Projects/Equipment/Other	12,890,000	12,290,000		600,000	5,143,580
		Total Construction/Acquisitions in Progress	178,530,000	92,290,000	19,500,000	66,740,000	20,803,851
PROPOSED PROJECTS							
2022		TEES Technology Innovation and Modernization Catalyst Facility	10,000,000	3,000,000		7,000,000 a,o	
2022		TEES Detonation Research Test Facility	5,000,000			5,000,000 o	
2022		Nuclear Engineering Education Building	15,000,000			15,000,000 b	
		Physical Plant Projects/Equipment/Other	2,750,000	500,000	2,000,000	250,000	
		Total Proposed Construction/Acquisitions	32,750,000	3,500,000	2,000,000	27,250,000	-
TOTAL CAPITAL PLAN			211,280,000	95,790,000	21,500,000	93,990,000	20,803,851

* Project will not move forward until POR is complete.

TEXAS A&M ENGINEERING EXTENSION SERVICE
FY 2021 - FY 2025 CAPITAL PLAN
SUMMARY INFORMATION

Project #	Projected FY Start Date for Proposed Projects	Project Name	Total Planning Amount	Funding Sources			Cumulative Expenditures Prior Years to 4/30/2020
				PUF Debt Proceeds	RFS Debt Proceeds	Other	
APPROVED PROJECTS							
09-3257		Water Wastewater Treatment System Expansion	11,045,770		11,000,000 e	45,770 e	1,662,566
09-3269		Brayton New Administrative and Classroom Facility	31,945,000		31,900,000 e	45,000 e	410,305
		Physical Plant Projects/Equipment/Other	1,000,000	1,000,000			-
		Total Construction/Acquisitions in Progress	43,990,770	1,000,000	42,900,000	90,770	2,072,871
TOTAL CAPITAL PLAN			43,990,770	1,000,000	42,900,000	90,770	2,072,871

Unfunded Capital Needs:

2022	New TEEX Facility at TAMUSA	27,045,000
2022	RELLIS Driving Track and Urban Grid	5,764,200
2022	RELLIS Indoor Shooting Range	23,420,200

TEXAS A&M TRANSPORTATION INSTITUTE
FY 2021 - FY 2025 CAPITAL PLAN
SUMMARY INFORMATION

Project #	Projected FY Start Date for Proposed Projects	Project Name	Total Planning Amount	Funding Sources			Cumulative Expenditures Prior Years to 4/30/2020
				PUF Debt Proceeds	RFS Debt Proceeds	Other	
APPROVED PROJECTS							
		Physical Plant Projects/Equipment/Other	2,000,000	2,000,000			193,831
		Total Construction/Acquisitions in Progress	2,000,000	2,000,000	-	-	193,831
TOTAL CAPITAL PLAN			2,000,000	2,000,000	-	-	193,831

SYSTEM OFFICES FY 2021 - FY 2025 CAPITAL PLAN SUMMARY INFORMATION

Project #	Projected FY Start Date for Proposed Projects	Project Name	Total Planning Amount	Funding Sources			Cumulative Expenditures Prior Years to 4/30/2020
				PUF Debt Proceeds	RFS Debt Proceeds	Other	
APPROVED PROJECTS							
		Financial Management System	30,000,000	27,500,000		2,500,000 a	3,420,886
		Physical Plant Projects/Equipment/Other	8,973,952	3,263,297	4,414,520	1,296,135	444,320
		Total Construction/Acquisitions in Progress	38,973,952	30,763,297	4,414,520	3,796,135	3,865,206
PROPOSED PROJECTS							
	2021	Financial Management System Enhancements	10,000,000	10,000,000			
		Total Proposed Construction/Acquisitions	10,000,000	10,000,000	-	-	-
TOTAL CAPITAL PLAN			48,973,952	40,763,297	4,414,520	3,796,135	3,865,206

RELLIS
FY 2021 - FY 2025 CAPITAL PLAN
SUMMARY INFORMATION

Project #	Projected FY Start Date for Proposed Projects	Project Name	Total Planning Amount	Funding Sources			Cumulative Expenditures Prior Years to 4/30/2020
				PUF Debt Proceeds	RFS Debt Proceeds	Other	
APPROVED PROJECTS							
01-3270		RELLIS Agriculture & Workforce Education Complex	15,000,000	12,000,000		3,000,000	10,944,384
01-3273		RELLIS Academic Complex - Phase II	28,650,000	28,650,000			8,530,924
01-3323		RELLIS Campus Infrastructure - Phase III-A	12,348,000	12,348,000			-
		Physical Plant Projects/Equipment/Other	3,948,164	3,948,164			-
		Total Construction/Acquisitions in Progress	59,946,164	56,946,164	-	3,000,000	19,475,308
PROPOSED PROJECTS							
2021		RELLIS Runway 35R Rehabilitation	5,372,000	5,372,000			
		Total Proposed Construction/Acquisitions	5,372,000	5,372,000	-	-	-
TOTAL CAPITAL PLAN			65,318,164	62,318,164	-	3,000,000	19,475,308
Unfunded Capital Needs:							
2022		RELLIS Campus Infrastructure - Phase III-B	16,526,000				
2022		RELLIS Access Road Extension	7,212,000				
2022		RELLIS Storm Drainage Improvements - Phase II	7,134,000				
2022		RELLIS Runway 35C Rehabilitation	7,034,000				
2022		RELLIS Office Complex Phase B	5,960,000				
2022		RELLIS Goodson Bend Storage Facility	4,300,000				
2022		RELLIS Campus Transformer and Cable	3,422,000				
2023		RELLIS Campus Infrastructure - Phase IV	7,754,000				
2023		RELLIS Runway 35L Rehabilitation	3,893,000				
2023		RELLIS Central Utility Plant Equipment Expansion	1,872,000				
2023		RELLIS Parkway Utility Improvements	350,000				
2023		RELLIS TTI Complex Waterline Conversion	300,000				
2024		RELLIS Campus New Water Tower	5,704,000				
2024		RELLIS Runway 22 & 28 Rehabilitation	5,679,000				
2025		RELLIS Campus Infrastructure - Phase V	7,278,000				

Agenda Item No. 3.2

AGENDA ITEM BRIEFING

Submitted by: Billy Hamilton, Deputy Chancellor and Chief Financial Officer
The Texas A&M University System

Subject: Approval of the Project Scope and Budget, Appropriation for Construction Services, and Approval for Construction for the Instructional Laboratory & Innovative Learning Building (ILSQ) Project, Texas A&M University, College Station, Texas (Project No. 02-3272)

Background and Prior Actions:

The Instructional Laboratory & Innovative Learning Building (ILSQ) Project was included as an approved project on the FY 2020 – FY 2024 A&M System Capital Plan approved by the Board at the August 2019 meeting.

Proposed Board Action:

- (1) Approve the project scope and budget.
- (2) Appropriate \$91,500,000 for construction services and related project costs. \$8,500,000 has been previously appropriated to this project.
- (3) Approve construction of the ILSQ Building Project at Texas A&M University (Texas A&M).

Funding/Budget Amount:

<u>Funding Source</u>	<u>Budget Amount</u>	<u>Average Estimated Annual Debt Service</u>	<u>Debt Service Source</u>
Revenue Financing System Debt Proceeds	\$ 80,000,000	\$5,448,498	Designated Tuition
Permanent University Fund Debt Proceeds	<u>\$ 20,000,000</u>	\$1,486,330	Available University Fund
Total Project Funds	<u><u>\$100,000,000</u></u>		

Project Justification:

Texas A&M’s mission...“*dedicated to discovery, development, communication, and application of knowledge in a wide range of academic and professional fields*” — is rooted in teaching, learning, and knowledge creation. Through this continual pursuit of academic excellence, fostered at the undergraduate level, the university “assumes as its historic trust the maintenance

Agenda Item No. 3.2
Agenda Item Briefing

of freedom of inquiry and an intellectual environment nurturing the human mind and spirit.” Articulated in Vision 2020, Texas A&M aims to set the standard for higher education, creating an ideal 21st century university.

Supporting this commitment to accelerating academic excellence, the university proposes to build a new ILSQ Building. Located on the main campus in College Station, this new facility is programmed to elevate STEM (science, technology, engineering and mathematics) and interdisciplinary learning, support undergraduate learning outcomes and student success, and build a culture of excellence.

Since 2016, Texas A&M has been in the process of the planning, design, and construction of the 21st Century Classroom building. Responding to rapid enrollment growth, this project is providing much needed, registrar-controlled classroom space to support the undergraduate core curriculum. This same rapid enrollment growth has created a shortage of instructional laboratory space for core curriculum courses. Chemistry, with the most common prerequisite courses across university-wide fields of study, has experienced tremendous enrollment growth in the lower division courses since 2010. Supporting students who pursue advanced studies in Agriculture and Life Sciences, Engineering, Health Sciences, and the Sciences, chemistry teaches approximately 6,300 students general chemistry and over 2,100 students organic chemistry in the fall semesters. Teaching in a cohort size of 24 students per instructor, the department is simply out of space. As programmed, the new facility will allow the department to eliminate late night section starts, modernize experiments to reflect current trends within STEM learning, and increase recitation in the laboratory course to support and improve student performance in the lecture course.

Planned to encourage interdisciplinary learning, the new building will include additional instructional lab space to support interdisciplinary visualization studies. Enrollment growth, also affecting the College of Architecture, has limited growth of their studio-based core curriculum offerings. Paired with an interdisciplinary makerspace, these spaces will provide dedicated space for ideation, problem-solving, and exploring design-thinking methodologies.

The proposed facility will offer over 36 new class laboratory spaces to support STEM and interdisciplinary learning at the undergraduate level. Providing the much-needed space to properly prepare students for advanced learning in many academic disciplines, the ILSQ Building will become a powerful tool to set the standard for teaching excellence.

Scope:

The ILSQ Building Project totals approximately 140,000 gross square feet (GSF). The new ILSQ Building Project will be constructed on the main campus in College Station, Texas, sited west of Wellborn Road and south of Old Main Drive. Prominently located, this new facility will act as a gateway to the west campus and use outdoor spaces to contribute to a collective experience across east and west campus. Providing much-needed instructional laboratory capacity for STEM and interdisciplinary learning, the new ILSQ Building Project will support the undergraduate core curriculum and prepare students for advanced learning as they continue their academic careers.

Agenda Item No. 3.2

Agenda Item Briefing

Allotting over three-fourths of the assignable square footage to direct instructional spaces, the new facility is programmed to provide the university with 28 science lab spaces for chemistry instruction and eight interdisciplinary studios for art instruction. Planned as active learning labs, each chemistry lab features an open design to support experimental work and recitation. The labs will be supported by a shared prep core to promote maximum efficiency when teaching multiple sections simultaneously. Interdisciplinary studios, primarily teaching the art and science of visual communication, are planned as flexible labs to teach traditional methods in painting and drawing, digital processes for visualization, and special projects emphasizing invention, innovation, and design-thinking methods.

In addition to direct instructional space, the new facility will provide a variety of collaborative spaces to promote learning outside of formal teaching environments. An interdisciplinary makerspace, with a large, central project space and specialized equipment support, will provide dedicated resources to ideate, build, prototype, and assemble interdisciplinary projects. Chemistry instruction will benefit from a hotspot with a help desk for academic assistance and small group study to support student success. Informal and peer-to-peer learning will be further supported by a series of small study spaces, large study spaces, and open space for students to gather, study, and collaborate.

Construction on this project is scheduled to start in September 2020 with substantial completion scheduled for October 2022. The total project budget is \$100,000,000.

Other Major Fiscal Impacts:

None.

Strategic Plan Imperative(s) this Item Advances:

1. All qualified students will find a place in The Texas A&M University System (A&M System) and will have an array of pathways to pursue their ambitions and interests.
2. The A&M System will remain affordable and accessible.
3. Our students will leave the A&M System as responsible and engaged citizens prepared for successful careers in an increasingly global economy.
4. The A&M System, in adhering to the high standard of excellence and growth required in this strategic plan, will display prudent financial stewardship and sustainability.

The ILSQ will advance and support the A&M System strategic plan imperatives by enhancing undergraduate STEM learning and interdisciplinary arts by incorporating instructional labs, art studios, and a makerspace in a modern, open concept, active learning environment. The ILSQ is aligned to our students' ambitions and interests by providing transformational and innovative learning experiences and opportunities, informal and peer-to-peer learning, student spaces that promote group work, and tutoring space to support academic success.

The ILSQ incorporates visual transparency to put science and art on display. Collaboration spaces are welcoming, modern, and high-tech, making students feel at home. These spaces include small and large study rooms, informal gathering such as alcoves, niches, and seating placed along hallways to support student collaboration, study, and movement between classes.

Agenda Item No. 3.2
Agenda Item Briefing

Dedicated study rooms will be highly visible from the main lobby in order to benefit from increased foot traffic and provide much needed group work space on the west campus.

The ILSQ will incorporate and utilize outdoor spaces to contribute to a collective experience and also bridge the east and west campus, with an emphasis on student wellness and well-being. The building is envisioned to be a companion to the 21st Century Classroom Building and will also figure prominently into prospective student recruiting visits.

The academic instruction in the ILSQ will encourage intellectual curiosity and interest in the arts and sciences and will contribute to the long-term success of our students, fostering responsible, engaged citizens who will continue to be life-long learners.

The cost of education must not be a barrier to our students' success. We are committed to providing our students with a high-quality impactful educational experience that remains affordable and accessible to the people of Texas.

THE TEXAS A&M UNIVERSITY SYSTEM
FACILITIES PLANNING AND CONSTRUCTION
Office of the Deputy Chancellor and Chief Financial Officer
July 9, 2020

Members, Board of Regents
The Texas A&M University System

Subject: Approval of the Project Scope and Budget, Appropriation for Construction Services, and Approval for Construction for the Instructional Laboratory & Innovative Learning Building (ILSQ) Project, Texas A&M University, College Station, Texas (Project No. 02-3272)

I recommend adoption of the following minute order:

“The project scope along with a project budget of \$100,000,000 for the Instructional Laboratory & Innovative Learning Building (ILSQ) Project is approved.

The amount of \$71,500,000 is appropriated from Account No. 01-083540, Revenue Financing System Debt Proceeds (Designated Tuition), the amount of \$15,000,000 is appropriated from Account No. 01-085660 Permanent University Fund Debt Proceeds, (AUF), and the amount of \$5,000,000 is appropriated from Account No. 01-084243 Permanent University Fund Debt Proceeds (AUF), for construction services and related project costs.

The Instructional Laboratory & Innovative Learning Building (ILSQ) Project, Texas A&M University, College Station, Texas, is approved for construction.

The Board of Regents of The Texas A&M University System (Board) reasonably expects to incur debt in one or more obligations for this project, and all or a portion of the proceeds received from the sale of such obligations is reasonably expected to be used to reimburse the account(s) for amounts previously appropriated and/or expended from such account(s).

As required by Section 5(a) of the Master Resolution of the Revenue Financing System, the Board hereby determines that it will have sufficient funds to meet the financial obligations of The Texas A&M University System, including sufficient Pledged Revenues to satisfy the Annual Debt Service Requirements of the Revenue Financing System and to meet all financial obligations of the Board relating to the Revenue Financing System and that

the Participants, on whose behalf the debt is issued, possess the financial capacity to satisfy their Direct Obligations.”

Respectfully submitted,

[ORIGINAL SIGNED BY]

Billy Hamilton
Deputy Chancellor and
Chief Financial Officer

Approval Recommended:

[ORIGINAL SIGNED BY]

John Sharp
Chancellor

Approved for Legal Sufficiency:

[ORIGINAL SIGNED BY]

Ray Bonilla
General Counsel

[ORIGINAL SIGNED BY]

Phillip Ray
Vice Chancellor for Business Affairs

[ORIGINAL SIGNED BY]

Michael K. Young, President
Texas A&M University

INSTRUCTIONAL LABORATORY & INNOVATIVE LEARNING BUILDING (ILSQ) TEXAS A&M UNIVERSITY PROJECT NO. 02-3272	PROJECT BUDGET

1. Construction	\$77,500,000
2. Project Contingency	3,213,068
3. Program of Requirements.....	149,500
4. Pre-Construction Services	5,853,932
5. Commissioning Services	345,000
6. Construction Testing	1,196,000
7. Campus Services & Technology	1,599,500
8. Furnishings	1,700,000
9. Equipment	5,220,000
10. Other Project Costs.....	573,000
11. FPC Management	<u>2,650,000</u>
12. TOTAL PROJECT COST.....	<u>\$100,000,000</u>

**INSTRUCTIONAL LABORATORY & INNOVATIVE
LEARNING BUILDING (ILSQ)
TEXAS A&M UNIVERSITY
PROJECT NO. 02-3272**

PROJECT SCHEDULE

1. *Initial BOR Approval to Include in Capital Plan	August 16, 2018
2. Issue A/E RFQ	March 27, 2019
3. Issue CMAR RFP	April 2, 2019
4. Receive A/E RFQ Responses	April 23, 2019
5. Receive CMAR RFP Response	April 23, 2019
6. Shortlist A/E Firms	May 2, 2019
7. Shortlist CMAR Firms	May 6, 2019
8. Interview A/E Shortlist	May 14, 2019
9. A/E Ranked Order Approved by Chancellor	May 21, 2019
10. Interview CMAR Shortlist	May 23, 2019
11. A/E Design Kick-Off.....	July 1, 2019
12. Execute A/E Agreement	July 2, 2019
13. CMAR Ranked Order Approved by Chancellor	July 9, 2019
14. Execute CMAR Agreement	August 20, 2019
15. Complete Schematic Design	November 13, 2019
16. Complete Design Development	April 23, 2020
17. Receive GMP from CMAR	June 16, 2020
18. BOR Approval for Construction	August 20, 2020
19. Submit THECB Application	September 10, 2020
20. Notice to Proceed	September 14, 2020
21. Complete Construction Documents	October 7, 2020
22. Substantial Completion	October 24, 2022
23. Owner Occupancy	December 19, 2022

*This project was moved from FY 2020 to FY 2019 on March 18, 2019.

**TEXAS A&M UNIVERSITY SYSTEM
REVENUE FINANCING SYSTEM
02-3272 Instructional Laboratory & Innovative Learning Building (ILSQ)
Designated Tuition**

Dates	Outstanding Principal	Principal Amount	Interest Amount	Annual Total	Coverage 1.15x
BONDS	80,790,000.00				
YEAR 1	78,975,000.00	1,815,000.00	3,635,550.00	5,450,550.00	6,268,132.50
YEAR 2	77,085,000.00	1,890,000.00	3,553,875.00	5,443,875.00	6,260,456.25
YEAR 3	75,105,000.00	1,980,000.00	3,468,825.00	5,448,825.00	6,266,148.75
YEAR 4	73,035,000.00	2,070,000.00	3,379,725.00	5,449,725.00	6,267,183.75
YEAR 5	70,875,000.00	2,160,000.00	3,286,575.00	5,446,575.00	6,263,561.25
YEAR 6	68,615,000.00	2,260,000.00	3,189,375.00	5,449,375.00	6,266,781.25
YEAR 7	66,255,000.00	2,360,000.00	3,087,675.00	5,447,675.00	6,264,826.25
YEAR 8	63,790,000.00	2,465,000.00	2,981,475.00	5,446,475.00	6,263,446.25
YEAR 9	61,210,000.00	2,580,000.00	2,870,550.00	5,450,550.00	6,268,132.50
YEAR 10	58,515,000.00	2,695,000.00	2,754,450.00	5,449,450.00	6,266,867.50
YEAR 11	55,700,000.00	2,815,000.00	2,633,175.00	5,448,175.00	6,265,401.25
YEAR 12	52,760,000.00	2,940,000.00	2,506,500.00	5,446,500.00	6,263,475.00
YEAR 13	49,685,000.00	3,075,000.00	2,374,200.00	5,449,200.00	6,266,580.00
YEAR 14	46,470,000.00	3,215,000.00	2,235,825.00	5,450,825.00	6,268,448.75
YEAR 15	43,115,000.00	3,355,000.00	2,091,150.00	5,446,150.00	6,263,072.50
YEAR 16	39,605,000.00	3,510,000.00	1,940,175.00	5,450,175.00	6,267,701.25
YEAR 17	35,940,000.00	3,665,000.00	1,782,225.00	5,447,225.00	6,264,308.75
YEAR 18	32,110,000.00	3,830,000.00	1,617,300.00	5,447,300.00	6,264,395.00
YEAR 19	28,105,000.00	4,005,000.00	1,444,950.00	5,449,950.00	6,267,442.50
YEAR 20	23,920,000.00	4,185,000.00	1,264,725.00	5,449,725.00	6,267,183.75
YEAR 21	19,550,000.00	4,370,000.00	1,076,400.00	5,446,400.00	6,263,360.00
YEAR 22	14,980,000.00	4,570,000.00	879,750.00	5,449,750.00	6,267,212.50
YEAR 23	10,205,000.00	4,775,000.00	674,100.00	5,449,100.00	6,266,465.00
YEAR 24	5,215,000.00	4,990,000.00	459,225.00	5,449,225.00	6,266,608.75
YEAR 25	-	5,215,000.00	234,675.00	5,449,675.00	6,267,126.25
		<u>\$ 80,790,000.00</u>	<u>\$ 55,422,450.00</u>	<u>\$ 136,212,450.00</u>	<u>\$ 156,644,317.50</u>

Estimated Issuance Costs of \$790,000.00 are included in this schedule.
Long-term rates are assumed to be 4.50%. Rates are subject to market change.
Prepared by the Office of the Treasurer - Treasury Services 06/18/2020

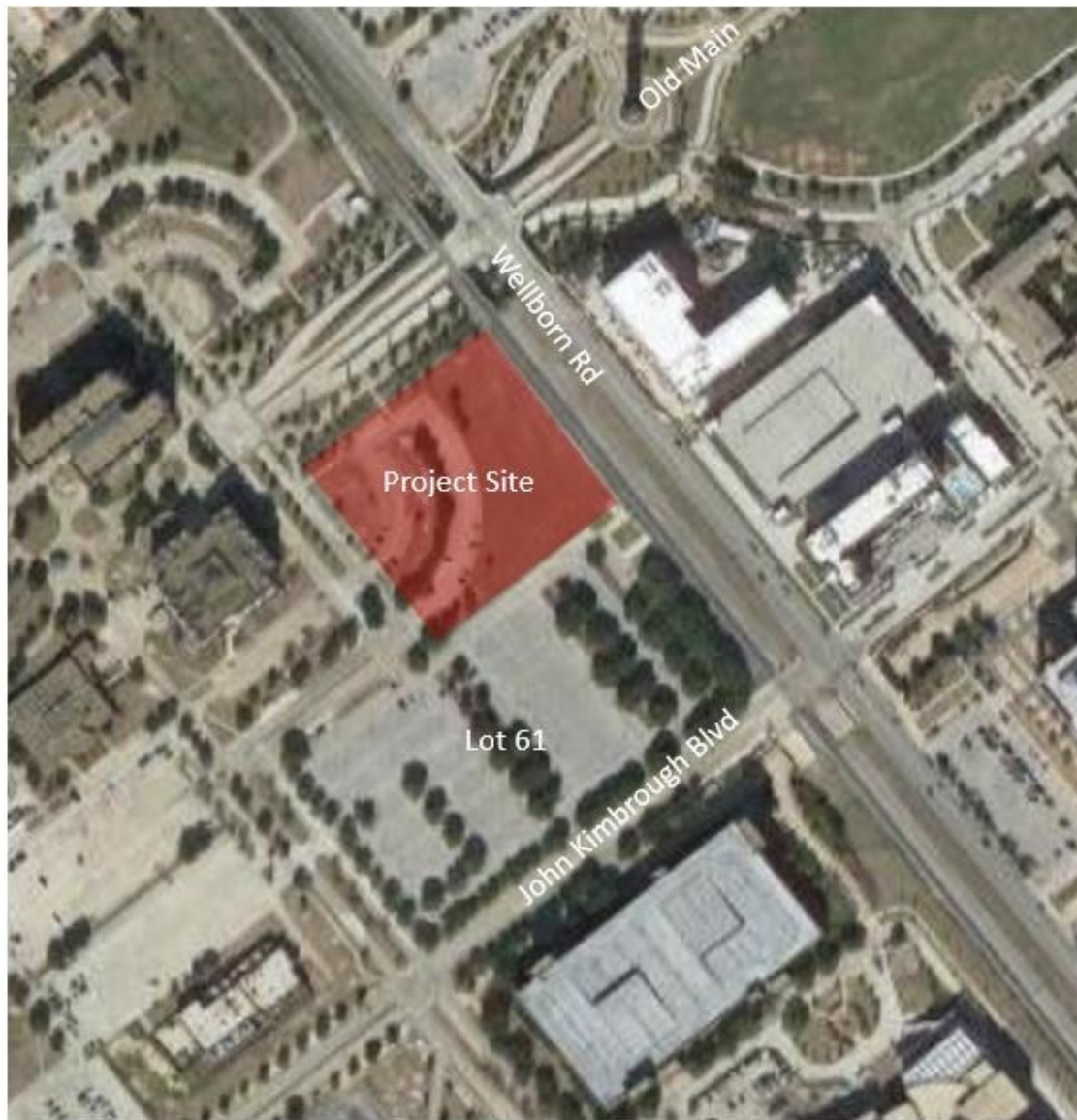
Rates are subject to market change. Amounts are preliminary estimates that will be revised at the time bonds are issued.

**TEXAS A&M UNIVERSITY SYSTEM
PERMANENT UNIVERSITY FUND
02-3272 Instructional Laboratory & Innovative Learning Building (ILSQ)
Available University Fund**

Dates	Outstanding Principal	Principal Amount	Interest Amount	Annual Total
BONDS	20,200,000.00			
YEAR 1	19,520,000.00	680,000.00	808,000.00	1,488,000.00
YEAR 2	18,815,000.00	705,000.00	780,800.00	1,485,800.00
YEAR 3	18,085,000.00	730,000.00	752,600.00	1,482,600.00
YEAR 4	17,320,000.00	765,000.00	723,400.00	1,488,400.00
YEAR 5	16,525,000.00	795,000.00	692,800.00	1,487,800.00
YEAR 6	15,700,000.00	825,000.00	661,000.00	1,486,000.00
YEAR 7	14,840,000.00	860,000.00	628,000.00	1,488,000.00
YEAR 8	13,950,000.00	890,000.00	593,600.00	1,483,600.00
YEAR 9	13,020,000.00	930,000.00	558,000.00	1,488,000.00
YEAR 10	12,055,000.00	965,000.00	520,800.00	1,485,800.00
YEAR 11	11,050,000.00	1,005,000.00	482,200.00	1,487,200.00
YEAR 12	10,005,000.00	1,045,000.00	442,000.00	1,487,000.00
YEAR 13	8,920,000.00	1,085,000.00	400,200.00	1,485,200.00
YEAR 14	7,790,000.00	1,130,000.00	356,800.00	1,486,800.00
YEAR 15	6,615,000.00	1,175,000.00	311,600.00	1,486,600.00
YEAR 16	5,395,000.00	1,220,000.00	264,600.00	1,484,600.00
YEAR 17	4,125,000.00	1,270,000.00	215,800.00	1,485,800.00
YEAR 18	2,805,000.00	1,320,000.00	165,000.00	1,485,000.00
YEAR 19	1,430,000.00	1,375,000.00	112,200.00	1,487,200.00
YEAR 20	-	1,430,000.00	57,200.00	1,487,200.00
		<u>\$ 20,200,000.00</u>	<u>\$ 9,526,600.00</u>	<u>\$ 29,726,600.00</u>

Estimated Issuance Costs of \$200,000.00 are included in this schedule.
Long-term rates are assumed to be 4.00%. Rates are subject to market change.
Prepared by the Office of the Treasurer - Treasury Services 06/18/2020

Rates are subject to market change. Amounts are preliminary estimates that will be revised at the time bonds are issued.



Instructional Laboratory & Innovative Learning Building (ILSQ)

Texas A&M University

Project No. 02-3272

Agenda Item No. 3.3

AGENDA ITEM BRIEFING

Submitted by: Billy Hamilton, Deputy Chancellor and Chief Financial Officer
The Texas A&M University System

Subject: Approval of the Project Scope and Budget, Appropriation for Construction Services, and Approval for Construction for the Aquatics Center Project, Tarleton State University, Stephenville, Texas (Project No. 04-3264)

Background and Prior Actions:

The Aquatics Center Project was included as an approved project on the FY 2020 – FY 2024 A&M System Capital Plan approved by the Board at the August 2019 meeting.

Proposed Board Action:

- (1) Approve the project scope and budget.
- (2) Appropriate \$10,307,950 for construction services and related project costs. \$1,000,000 has been previously appropriated.
- (3) Approve construction of the Aquatics Center Project at Tarleton State University (Tarleton).

Funding/Budget Amount:

<u>Funding Source</u>	<u>Project Budget</u>	<u>Proposed Adjustment</u>	<u>Proposed Budget</u>	<u>Average Estimated Annual Debt Service</u>	<u>Debt Service Source</u>
Revenue Financing System Debt Proceeds	\$10,000,000	\$0	\$10,000,000	\$743,140	University Service Fees
Revenue Financing System Debt Proceeds	\$0	\$307,950	\$307,950	\$23,140	Parking Revenue
Cash (Student Fees)	<u>\$0</u>	<u>\$1,000,000</u>	<u>\$1,000,000</u>	N/A	N/A
Total Project Funds	<u>\$10,000,000</u>	<u>\$1,307,950</u>	<u>\$11,307,950</u>		

Project Justification:

Enrollment growth over the past decade, in conjunction with future projected enrollment growth of just over 10,000 students by 2021, supports Tarleton's vision of adding academic, housing, and support spaces. The proposed Aquatics Center Project will help support student life on campus and provide a resource to the community of Stephenville, Texas, and surrounding areas. Tarleton currently provides the only indoor pool in the surrounding area for swim lessons, water

Agenda Item No. 3.3
Agenda Item Briefing

aerobics, lap swimming, lifeguard training, etc. The existing pool on the Tarleton campus was an addition to the Wisdom Gym, part of the Kinesiology Building, which was constructed in 1970. The existing pool is at the end of its useful life and cannot support all the functions required by the university. The existing pool has no area for parent or spectator seating, has a vinyl liner, which requires maintenance and replacement, and has minimal windows and doors. The proposed project intends to provide students, faculty, staff, and visitors with a state-of-the-art aquatic facility, which offers adequately sized spaces based on the university's current and future growth.

Scope:

The Office of Campus Recreation, in conjunction with Student Health and Wellness, work together to create a major component of campus and student life on the Tarleton campus. The current Campus Recreation Center is highly utilized and serves a variety of student and campus functions. The Recreation Center offers students court space, sand volleyball, weight equipment, an indoor running track, cardio machines, and exterior green space.

To support the student services needed as well as the needs of the community, the new facility will include the following elements:

- Division 1 Indoor Pool (25 yard / 8 lane) with Bleacher Seating
- Outdoor Multi-Functional Pool with Lounge and Hardscape Areas
- Pool Storage Room
- Chemical Storage Rooms
- Wet Training Lab with Storage
- First Aid Office
- Men's and Women's Locker Rooms
- Family Changing Rooms
- Lobby

Construction on this project is scheduled to start in September 2020, with substantial completion scheduled for August 2021. The total project budget is \$11,307,950.

Other Major Fiscal Impacts:

None.

Strategic Plan Imperative(s) this Item Advances:

1. All qualified students will find a place in The Texas A&M University System and will have an array of pathways to pursue their ambitions and interests.

The addition of an aquatics center on the Tarleton campus will provide new opportunities for students interested in competitive and recreational swimming, lifeguarding and swim instructor positions and potential for NCAA swim programs. This will also provide an updated space for kinesiology classes with adjacent locker and classroom facilities to enhance the classroom experience. These additions will benefit Tarleton by enhancing our ability to recruit new students through state-of-the-art facilities and amenities.

THE TEXAS A&M UNIVERSITY SYSTEM
FACILITIES PLANNING AND CONSTRUCTION
Office of the Deputy Chancellor and Chief Financial Officer
July 10, 2020

Members, Board of Regents
The Texas A&M University System

Subject: Approval of the Project Scope and Budget, Appropriation for Construction Services, and Approval for Construction for the Aquatics Center Project, Tarleton State University, Stephenville, Texas (Project No. 04-3264)

I recommend adoption of the following minute order:

“The project scope along with a project budget of \$11,307,950 for the Aquatics Center Project is approved.

The amount of \$9,000,000 is appropriated from Account No. 01-083540, Revenue Financing System Debt Proceeds (University Service Fees), the amount of \$307,950 is appropriated from Account No. 01-083540, Revenue Financing System Debt Proceeds (Parking Revenue), and the amount of \$1,000,000 is appropriated from Account No. 04-201999 USF – Capital Reserve, for construction services and related project costs.

The Aquatics Center Project, Tarleton State University, Stephenville, Texas, is approved for construction.

The Board of Regents of The Texas A&M University System (Board) reasonably expects to incur debt in one or more obligations for this project, and all or a portion of the proceeds received from the sale of such obligations is reasonably expected to be used to reimburse the account(s) for amounts previously appropriated and/or expended from such account(s).

As required by Section 5(a) of the Master Resolution of the Revenue Financing System, the Board hereby determines that it will have sufficient funds to meet the financial obligations of The Texas A&M University System, including sufficient Pledged Revenues to satisfy the Annual Debt Service Requirements of the Revenue Financing System and to meet all financial obligations of the Board relating to the Revenue Financing System and that

the Participants, on whose behalf the debt is issued, possess the financial capacity to satisfy their Direct Obligations.”

Respectfully submitted,

[ORIGINAL SIGNED BY]

Billy Hamilton
Deputy Chancellor and
Chief Financial Officer

Approval Recommended:

[ORIGINAL SIGNED BY]

John Sharp
Chancellor

[ORIGINAL SIGNED BY]

Phillip Ray
Vice Chancellor for Business Affairs

[ORIGINAL SIGNED BY]

James Hurley, President
Tarleton State University

Approved for Legal Sufficiency:

[ORIGINAL SIGNED BY]

Ray Bonilla
General Counsel

**AQUATICS CENTER
TARLETON STATE UNIVERSITY
PROJECT NO. 04-3264**

PROJECT BUDGET

1. Construction	\$9,100,000
2. Project Contingency	448,898
3. Program of Requirements.....	0
4. Pre-Construction Services	774,602
5. Commissioning Services	15,000
6. Construction Testing	130,000
7. Campus Services & Technology	230,000
8. Furnishings	185,000
9. Equipment	53,000
10. Other Project Costs.....	72,000
11. FPC Management	<u>299,450</u>
12. TOTAL PROJECT COST	<u>\$11,307,950</u>

**AQUATICS CENTER
TARLETON STATE UNIVERSITY
PROJECT NO. 04-3264**

PROJECT SCHEDULE

1. Issue A/E RFQ September 18, 2018
2. Receive A/E RFQ October 9, 2018
3. Shortlist A/E Firms October 16, 2018
4. Interview A/E Shortlist October 23, 2018
5. A/E Ranked Order Approved by Chancellor November 27, 2018
6. Execute A/E Agreement December 21, 2018
7. Complete Schematic Design March 28, 2019
8. Complete Design Development May 23, 2019
9. Complete Construction Documents August 13, 2019
10. Issue CSP RFP August 21, 2019
11. Receive CSP RFP September 11, 2019
12. CSP Evaluation September 13, 2019
13. Issue CMAR RFP January 7, 2020
14. Receive CMAR RFP January 29, 2020
15. Shortlist CMAR Firms February 4, 2020
16. Interview CMAR Firms February 12, 2020
17. Complete Re-Design – Schematic Design February 19, 2020
18. CMAR Ranked Order Approved by Chancellor..... March 3, 2020
19. Execute CMAR Agreement April 7, 2020
20. Complete Re-Design – Design Development May 6, 2020
21. Receive GMP from CMAR June 25, 2020
22. Submit THECB Application July 30, 2020
23. Complete Re-Design – Construction Documents August 19, 2020
24. BOR Approval for Construction August 20, 2020
25. Notice to Proceed September 2020
26. Substantial Completion August 2021
27. Final Completion September 2021
28. Owner Occupancy November 2021

**TARLETON STATE UNIVERSITY
REVENUE FINANCING SYSTEM
04-3264 Aquatics Center
University Service Fees**

Dates	Outstanding Principal	Principal Amount	Interest Amount	Annual Total	Coverage 1.15x
BONDS	10,100,000.00				
YEAR 1	9,760,000.00	340,000.00	404,000.00	744,000.00	855,600.00
YEAR 2	9,405,000.00	355,000.00	390,400.00	745,400.00	857,210.00
YEAR 3	9,040,000.00	365,000.00	376,200.00	741,200.00	852,380.00
YEAR 4	8,660,000.00	380,000.00	361,600.00	741,600.00	852,840.00
YEAR 5	8,265,000.00	395,000.00	346,400.00	741,400.00	852,610.00
YEAR 6	7,850,000.00	415,000.00	330,600.00	745,600.00	857,440.00
YEAR 7	7,420,000.00	430,000.00	314,000.00	744,000.00	855,600.00
YEAR 8	6,975,000.00	445,000.00	296,800.00	741,800.00	853,070.00
YEAR 9	6,510,000.00	465,000.00	279,000.00	744,000.00	855,600.00
YEAR 10	6,025,000.00	485,000.00	260,400.00	745,400.00	857,210.00
YEAR 11	5,525,000.00	500,000.00	241,000.00	741,000.00	852,150.00
YEAR 12	5,005,000.00	520,000.00	221,000.00	741,000.00	852,150.00
YEAR 13	4,460,000.00	545,000.00	200,200.00	745,200.00	856,980.00
YEAR 14	3,895,000.00	565,000.00	178,400.00	743,400.00	854,910.00
YEAR 15	3,305,000.00	590,000.00	155,800.00	745,800.00	857,670.00
YEAR 16	2,695,000.00	610,000.00	132,200.00	742,200.00	853,530.00
YEAR 17	2,060,000.00	635,000.00	107,800.00	742,800.00	854,220.00
YEAR 18	1,400,000.00	660,000.00	82,400.00	742,400.00	853,760.00
YEAR 19	715,000.00	685,000.00	56,000.00	741,000.00	852,150.00
YEAR 20	-	715,000.00	28,600.00	743,600.00	855,140.00
		<u>\$ 10,100,000.00</u>	<u>\$ 4,762,800.00</u>	<u>\$ 14,862,800.00</u>	<u>\$ 17,092,220.00</u>

Estimated issuance costs and rounding of \$100,000 are included in this schedule.
Long-term rates are assumed to be 4.00%. Rates are subject to market change.
Prepared by the Office of the Treasurer - Treasury Services 06/12/2020

Rates are subject to market change. Amounts are preliminary estimates that will be revised at the time bonds are issued.

**TARLETON STATE UNIVERSITY
REVENUE FINANCING SYSTEM
04-3264 Aquatics Center
Parking Revenue**

Dates	Outstanding Principal	Principal Amount	Interest Amount	Annual Total	Coverage 1.15x
BONDS	315,000.00				
YEAR 1	305,000.00	10,000.00	12,600.00	22,600.00	25,990.00
YEAR 2	295,000.00	10,000.00	12,200.00	22,200.00	25,530.00
YEAR 3	285,000.00	10,000.00	11,800.00	21,800.00	25,070.00
YEAR 4	275,000.00	10,000.00	11,400.00	21,400.00	24,610.00
YEAR 5	260,000.00	15,000.00	11,000.00	26,000.00	29,900.00
YEAR 6	245,000.00	15,000.00	10,400.00	25,400.00	29,210.00
YEAR 7	230,000.00	15,000.00	9,800.00	24,800.00	28,520.00
YEAR 8	215,000.00	15,000.00	9,200.00	24,200.00	27,830.00
YEAR 9	200,000.00	15,000.00	8,600.00	23,600.00	27,140.00
YEAR 10	185,000.00	15,000.00	8,000.00	23,000.00	26,450.00
YEAR 11	170,000.00	15,000.00	7,400.00	22,400.00	25,760.00
YEAR 12	155,000.00	15,000.00	6,800.00	21,800.00	25,070.00
YEAR 13	140,000.00	15,000.00	6,200.00	21,200.00	24,380.00
YEAR 14	120,000.00	20,000.00	5,600.00	25,600.00	29,440.00
YEAR 15	100,000.00	20,000.00	4,800.00	24,800.00	28,520.00
YEAR 16	80,000.00	20,000.00	4,000.00	24,000.00	27,600.00
YEAR 17	60,000.00	20,000.00	3,200.00	23,200.00	26,680.00
YEAR 18	40,000.00	20,000.00	2,400.00	22,400.00	25,760.00
YEAR 19	20,000.00	20,000.00	1,600.00	21,600.00	24,840.00
YEAR 20	-	20,000.00	800.00	20,800.00	23,920.00
		<u>\$ 315,000.00</u>	<u>\$ 147,800.00</u>	<u>\$ 462,800.00</u>	<u>\$ 532,220.00</u>

Estimated issuance costs and rounding of \$7,050 are included in this schedule.
Long-term rates are assumed to be 4.00%. Rates are subject to market change.
Prepared by the Office of the Treasurer - Treasury Services 06/12/2020

Rates are subject to market change. Amounts are preliminary estimates that will be revised at the time bonds are issued.



Aquatics Center

Tarleton State University

Project No. 04-3264

Agenda Item No. 3.4

AGENDA ITEM BRIEFING

Submitted by: Billy Hamilton, Deputy Chancellor and Chief Financial Officer
The Texas A&M University System

Subject: Approval of the Project Scope and Budget, Appropriation for Construction Services, and Approval for Construction for the Amarillo Center Phase III Project, West Texas A&M University, Amarillo, Texas (Project No. 18-3313)

Background and Prior Actions:

The Amarillo Center Phase III Project was approved by the Board to be added to the FY 2020 – FY 2024 A&M System Capital Plan with an FY 2020 start date at the August 2019 meeting. The Amarillo Center Phase III (Addition) has been submitted for approval on the FY 2021 – FY 2025 A&M System Capital Plan.

Proposed Board Action:

- (1) Approve the project scope and budget.
- (2) Appropriate \$6,453,500 for construction services and related project costs. \$550,000 has been previously appropriated to this project.
- (3) Approve construction of the Amarillo Center Phase III Project at West Texas A&M University (WTAMU) in Amarillo, Texas.

Funding/Budget Amount:

<u>Funding Source</u>	<u>Project Budget</u>	<u>Proposed Adjustment</u>	<u>Proposed Budget</u>	<u>Average Estimated Annual Debt Service</u>	<u>Debt Service Source</u>
Revenue Financing System Debt Proceeds	\$2,600,000	\$0	\$2,600,000	\$228,452	HEF
Revenue Financing System Debt Proceeds	\$1,400,000	\$0	\$1,400,000	\$122,847	Interest Income
Cash (Unallocated Interest Income)	\$1,000,000	\$1,503,500	\$2,503,500	N/A	N/A
Cash (HEF)	<u>\$500,000</u>	<u>\$ 0</u>	<u>\$500,000</u>	N/A	N/A
Total Project Funds	<u>\$5,500,000</u>	<u>\$1,503,500</u>	<u>\$7,003,500</u>		

Project Justification:

The mission of WTAMU's College of Nursing and Health Sciences is to develop professional and academic leaders in the health professions through technology-rich, rigorous educational programs that engage students effectively, provide high-quality clinical services to patients and clients, as well as contribute meaningful scholarships, including evidence-based practice within a diverse and inclusive student-centered community. In short, we exist to prepare highly qualified and ethical graduates for work in a variety of health professions, thus enhancing the quality of life for the region.

As the university approaches its quasiquicentennial, the following issues are key to the College of Nursing and Health Sciences:

1. Facilities
2. Scholarships
3. Freshman Class Enrollment and Retention
4. Faculty Recruitment, Retention, and Development
5. Serving Constituents in the Panhandle

As the only four-year institution of higher education in the Texas Panhandle, WTAMU is a vital part of the economic sustainability of the region through educational advancement. WTAMU's Department of Nursing is effective, uses resources well, partners with both education and healthcare, and makes a positive difference on the health, productivity, and well-being in our region.

At present, the college's Department of Nursing is located partially in Old Main (the Department Administrative Suite, faculty offices), while the remainder of the department is located in the Bivins Nursing Learning Center (BNLC). The BNLC is a structure from the early 1960s not initially intended, nor designed, for a department of nursing. While this facility has recently undergone a renovation (albeit largely aesthetics), the building's HVAC, plumbing, and current square footage are inadequate for the department's number of undergraduate and graduate curricula and faculty as well as current and anticipated enrollment.

Recently, the department has been charged with doubling the number of graduates from its traditional Bachelor of Science in Nursing (BSN) curriculum. This substantial goal will necessitate additional faculty, but will also require appropriate space (didactic, laboratory, clinical) to accomplish such. The BNLC does not have adequate space where currently located to achieve a 100% growth in the number of BSN graduates from WTAMU.

To remain in compliance with the Texas Board of Nursing (TBON) as well as the Commission on Collegiate Nursing Education (CCNE), student enrollment in the nursing program can occur only with an increase in faculty. More students, along with more faculty, yield a need for additional space. Moreover, these increases need to occur in a narrow timeframe. It is in the opinion of WTAMU, the most effective strategy (cost, timeframe, proximity to the Amarillo healthcare community and Inner City Health Fair) to accomplish such requires moving the traditional BSN program (students, faculty, offices, classrooms, laboratories, simulations, assessment spaces) to the second floor of the Amarillo Center. WTAMU is changing the landscape of Amarillo with the creation of a permanent campus in the heart of the city. The Amarillo Center is located in the former Commerce Building at the northwest

Agenda Item No. 3.4
Agenda Item Briefing

intersection of SW 8th Avenue and South Tyler Street, a central location allowing for future expansion. The Amarillo Center will further efforts to revitalize and energize downtown Amarillo, while helping provide a highly qualified workforce for area employers. The WTAMU Amarillo Center will allow the university to serve more students in the region.

Scope:

The Amarillo Center Phase III Project involves the renovation of the second floor of the Amarillo Center. This existing four-story building has one level below grade and three above. The Program of Requirements for the WTAMU Amarillo Center includes the relocation of the Department of Nursing to the second floor of the existing, newly renovated facility. This renovation shall include approximately 26,698 gross square feet/15,425 net assignable square feet.

Site #1 is the renovation to the Amarillo Center and includes the following spaces:

- + Classroom facilities:
 - Computer testing center
 - De-Brief / Reflection rooms
- + Laboratory Facilities for Simulation and Acute Care Training:
 - Task / Teaching / Staging spaces
 - Control rooms
 - Lab spaces
 - Shared support spaces
- + Offices and support spaces
- + Study spaces

Site #2 is a surface parking lot and includes:

- Total developed area – 78,000 square feet
- Actual parking area – 71,000 square feet
- 198 parking spaces
- 6 handicap spaces

Construction on this project is scheduled to start in November 2020 with substantial completion scheduled for September 2021. The total project budget is \$7,003,500.

Other Major Fiscal Impacts:

None.

Strategic Plan Imperative(s) this Item Advances:

Approval of this agenda item will advance The Texas A&M University System's (A&M System) Strategic Imperatives #5 and #6. This project will address the needs of Texans related to healthcare in the region while the university has in place strong financial management practices that enable the institution to further the A&M System's high standard of excellence and quality.

Agenda Item No. 3.4

THE TEXAS A&M UNIVERSITY SYSTEM
FACILITIES PLANNING AND CONSTRUCTION
Office of the Deputy Chancellor and Chief Financial Officer
July 13, 2020

Members, Board of Regents
The Texas A&M University System

Subject: Approval of the Project Scope and Budget, Appropriation for Construction Services, and Approval for Construction for the Amarillo Center Phase III Project, West Texas A&M University, Amarillo, Texas (Project No. 18-3313)

I recommend adoption of the following minute order:

“The project scope along with a project budget of \$7,003,500 for the Amarillo Center Phase III Project is approved.

The amount of \$2,600,000 is appropriated from Account No. 01-083540 Revenue Financing System Debt Proceeds (HEF), the amount of \$1,400,000 is appropriated from Account No. 01-083540 Revenue Financing System Debt Proceeds (Interest Income), \$1,953,500 from Account No. 18-225016 Unallocated Interest Income, and \$500,000 from Account No. 18-155309 HEAF, for construction services and related project costs.

The Amarillo Center Phase III Project, West Texas A&M University, Amarillo, Texas, is approved for construction.

The Board of Regents of The Texas A&M University System (Board) reasonably expects to incur debt in one or more obligations for this project, and all or a portion of the proceeds received from the sale of such obligations is reasonably expected to be used to reimburse the account(s) for amounts previously appropriated and/or expended from such account(s).

As required by Section 5(a) of the Master Resolution of the Revenue Financing System, the Board hereby determines that it will have sufficient funds to meet the financial obligations of The Texas A&M University System, including sufficient Pledged Revenues to satisfy the Annual Debt Service Requirements of the Revenue Financing System and to meet all financial obligations of the Board relating to the Revenue Financing System and that

the Participants, on whose behalf the debt is issued, possess the financial capacity to satisfy their Direct Obligations.”

Respectfully submitted,

[ORIGINAL SIGNED BY]

Billy Hamilton
Deputy Chancellor and
Chief Financial Officer

Approval Recommended:

[ORIGINAL SIGNED BY]

John Sharp
Chancellor

Approved for Legal Sufficiency:

[ORIGINAL SIGNED BY]

Ray Bonilla
General Counsel

[ORIGINAL SIGNED BY]

Phillip Ray
Vice Chancellor for Business Affairs

[ORIGINAL SIGNED BY]

Walter V. Wendler, President
West Texas A&M University

**AMARILLO CENTER PHASE III
WEST TEXAS A&M UNIVERSITY
PROJECT NO. 18-3313**

PROJECT BUDGET

1. Construction	\$5,169,377
2. Project Contingency	198,567
3. Program of Requirements.....	0
4. Pre-Construction Services	487,810
5. Commissioning Services	35,000
6. Construction Testing	62,000
7. Campus Services & Technology	103,000
8. Furnishings	562,000
9. Equipment	196,000
10. Other Project Costs.....	1,746
11. FPC Management	<u>188,000</u>
12. TOTAL PROJECT COST.....	<u>\$7,003,500</u>

**AMARILLO CENTER PHASE III
WEST TEXAS A&M UNIVERSITY
PROJECT NO. 18-3313**

PROJECT SCHEDULE

1. Issue A/E RFQ November 12, 2019
2. Receive A/E RFQ Responses..... December 3, 2019
3. Shortlist A/E Firms December 12, 2019
4. Interview A/E Shortlist December 19, 2019
5. Issue CMAR RFP January 14, 2020
6. A/E Ranked Order Approved by Chancellor January 24, 2020
7. Receive CMAR RFP Response February 5, 2020
8. Execute A/E Agreement February 21, 2020
9. A/E Design Kick-Off..... February 26, 2020
10. CMAR Ranked Order Approved by Chancellor March 27, 2020
11. Execute CMAR Agreement April 24, 2020
12. BOR Approval to Include in Capital Plan May 14, 2020
13. Complete Schematic Design May 29, 2020
14. BOR Approval for Construction August 20, 2020
15. Complete Design Development August 24, 2020
16. Receive GMP from CMAR September 22, 2020
17. Complete Construction Documents October 28, 2020
18. Notice to Proceed November 9, 2020
19. Submit THECB Application December 10, 2020
20. Substantial Completion September 28, 2021
21. Owner Occupancy October 26, 2021

**WEST TEXAS A&M UNIVERSITY
REVENUE FINANCING SYSTEM
Amarillo Center Phase III
Higher Education Fund**

Dates	Outstanding Principal	Principal Amount	Interest Amount	Annual Total	Coverage 1.15x
BONDS	2,630,000.00				
YEAR 1	2,495,000.00	135,000.00	92,050.00	227,050.00	261,107.50
YEAR 2	2,355,000.00	140,000.00	87,325.00	227,325.00	261,423.75
YEAR 3	2,210,000.00	145,000.00	82,425.00	227,425.00	261,538.75
YEAR 4	2,060,000.00	150,000.00	77,350.00	227,350.00	261,452.50
YEAR 5	1,905,000.00	155,000.00	72,100.00	227,100.00	261,165.00
YEAR 6	1,745,000.00	160,000.00	66,675.00	226,675.00	260,676.25
YEAR 7	1,575,000.00	170,000.00	61,075.00	231,075.00	265,736.25
YEAR 8	1,400,000.00	175,000.00	55,125.00	230,125.00	264,643.75
YEAR 9	1,220,000.00	180,000.00	49,000.00	229,000.00	263,350.00
YEAR 10	1,035,000.00	185,000.00	42,700.00	227,700.00	261,855.00
YEAR 11	840,000.00	195,000.00	36,225.00	231,225.00	265,908.75
YEAR 12	640,000.00	200,000.00	29,400.00	229,400.00	263,810.00
YEAR 13	435,000.00	205,000.00	22,400.00	227,400.00	261,510.00
YEAR 14	220,000.00	215,000.00	15,225.00	230,225.00	264,758.75
YEAR 15	-	220,000.00	7,700.00	227,700.00	261,855.00
		<u>\$ 2,630,000.00</u>	<u>\$ 796,775.00</u>	<u>\$ 3,426,775.00</u>	<u>\$ 3,940,791.25</u>

Estimated Issuance Costs and Rounding of \$30,000 are included in this schedule.
Long-term rates are assumed to be 3.50%. Rates are subject to market change.
Prepared by the Office of the Treasurer - Treasury Services 06/12/2020.

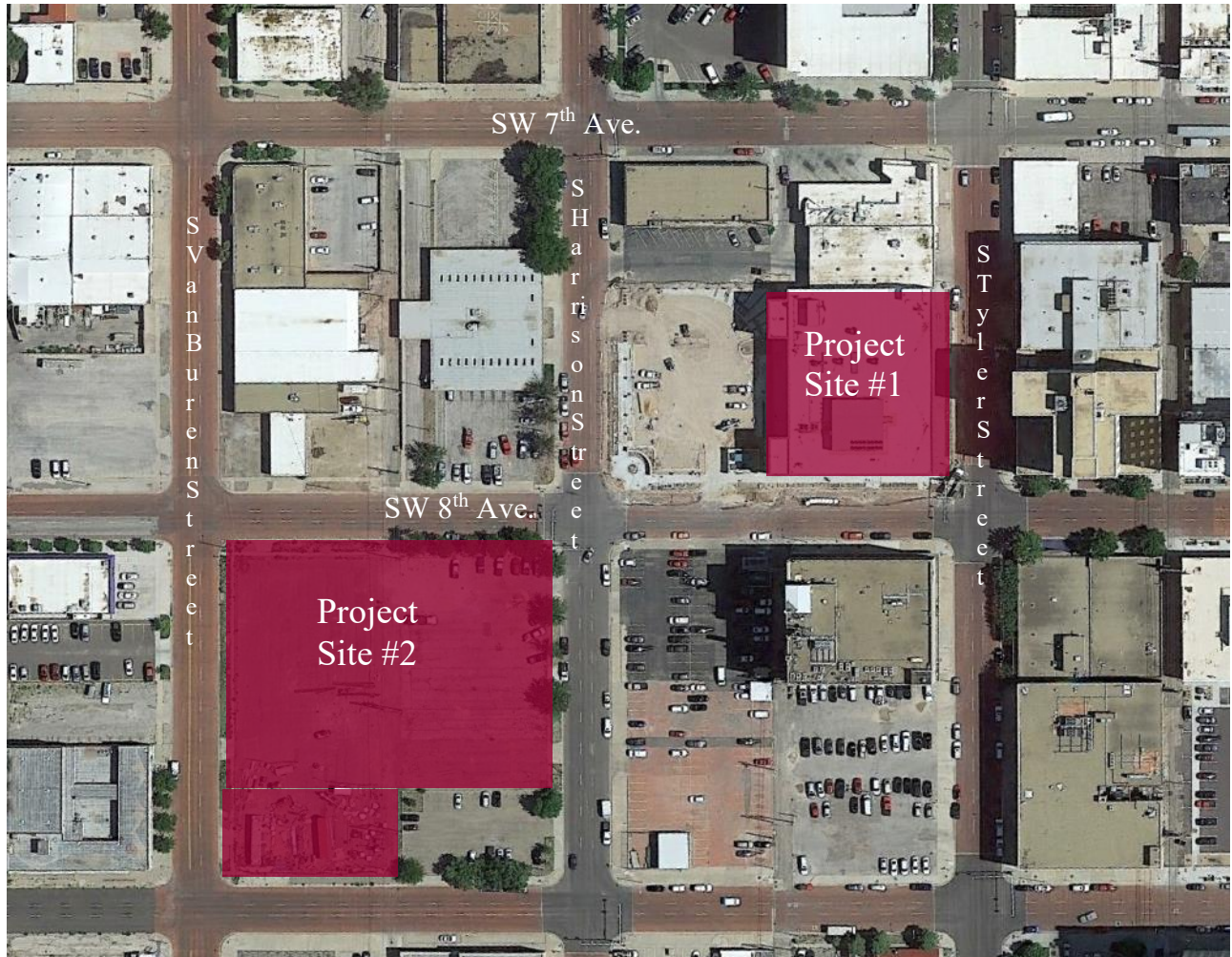
Rates are subject to market change. Amounts are preliminary estimates that will be revised at the time bonds are issued.

**WEST TEXAS A&M UNIVERSITY
REVENUE FINANCING SYSTEM
Amarillo Center Phase III
Interest Income**

Dates	Outstanding Principal	Principal Amount	Interest Amount	Annual Total	Coverage 1.15x
BONDS	1,415,000.00				
YEAR 1	1,340,000.00	75,000.00	49,525.00	124,525.00	143,203.75
YEAR 2	1,265,000.00	75,000.00	46,900.00	121,900.00	140,185.00
YEAR 3	1,185,000.00	80,000.00	44,275.00	124,275.00	142,916.25
YEAR 4	1,105,000.00	80,000.00	41,475.00	121,475.00	139,696.25
YEAR 5	1,020,000.00	85,000.00	38,675.00	123,675.00	142,226.25
YEAR 6	935,000.00	85,000.00	35,700.00	120,700.00	138,805.00
YEAR 7	845,000.00	90,000.00	32,725.00	122,725.00	141,133.75
YEAR 8	750,000.00	95,000.00	29,575.00	124,575.00	143,261.25
YEAR 9	655,000.00	95,000.00	26,250.00	121,250.00	139,437.50
YEAR 10	555,000.00	100,000.00	22,925.00	122,925.00	141,363.75
YEAR 11	450,000.00	105,000.00	19,425.00	124,425.00	143,088.75
YEAR 12	345,000.00	105,000.00	15,750.00	120,750.00	138,862.50
YEAR 13	235,000.00	110,000.00	12,075.00	122,075.00	140,386.25
YEAR 14	120,000.00	115,000.00	8,225.00	123,225.00	141,708.75
YEAR 15	-	120,000.00	4,200.00	124,200.00	142,830.00
		<u>\$ 1,415,000.00</u>	<u>\$ 427,700.00</u>	<u>\$ 1,842,700.00</u>	<u>\$ 2,119,105.00</u>

Estimated Issuance Costs and Rounding of \$15,000 are included in this schedule.
Long-term rates are assumed to be 3.50%. Rates are subject to market change.
Prepared by the Office of the Treasurer - Treasury Services 06/09/2020.

Rates are subject to market change. Amounts are preliminary estimates that will be revised at the time bonds are issued.



Amarillo Center Phase III

West Texas A&M University

Project No. 18-3313

Agenda Item No. 3.5

AGENDA ITEM BRIEFING

Submitted by: Billy Hamilton, Deputy Chancellor and Chief Financial Officer
The Texas A&M University System

Subject: Approval of the Project Scope and Budget, Appropriation for Construction Services, and Approval for Construction for the Ballistic Aero-Optics and Materials Facility Project, Texas A&M Engineering Experiment Station, Bryan, Texas (Project No. 28-3321)

Background and Prior Actions:

The Ballistic Aero-Optics and Materials (BAM) Facility Project was approved by the Board to be added to the FY 2020 – FY 2024 A&M System Capital Plan with an FY 2020 start date at the May 2020 meeting.

Proposed Board Action:

- (1) Approve the project scope and budget.
- (2) Appropriate \$22,500,000 for construction services and related project costs. \$2,500,000 has been previously appropriated to this project.
- (3) Approve construction of the BAM Facility Project for Texas A&M Engineering Experiment Station (TEES).

Funding/Budget Amount:

<u>Funding Source</u>	<u>Budget Amount</u>	<u>Average Estimated Annual Debt Service</u>	<u>Debt Service Source</u>
Revenue Financing System Debt Proceeds	\$15,000,000	\$3,380,000	Contract Revenue/ Indirect Cost Recoveries
Revenue Financing System Debt Proceeds	\$2,000,000	\$131,717	Indirect Cost Recoveries
Cash (General Revenue)	<u>\$8,000,000</u>	N/A	N/A
Total Project Funds	<u>\$25,000,000</u>		

Project Justification:

TEES has formally executed a cooperative agreement with the Combat Capabilities Development Command (CCDC)-Army Research Laboratory (ARL) to conduct research that will discover and mature technologies leading to an ecosystem capable of generating novel approaches which will accelerate technology transfer across disparate science and technology

Agenda Item No. 3.5
Agenda Item Briefing

fields specifically for the Army Futures Command (AFC) modernization mission. This is a five-year, \$65M research agreement. Included in the agreement is \$15M in funding for TEES to equip and operate a unique Ballistic Aero-Optics and Materials (BAM) Facility at the RELIS Campus. In addition, the 86th Texas State Legislature appropriated \$50M to the Governor to transfer to TEES for AFC efforts. These funds were to be used for the purpose of engaging this state's public institutions of higher education with private sector industries to establish and equip a proving ground site and to commercialize and manufacture critical emerging technologies for infrastructure networks, public safety, and national defense. \$8M of the \$50M will be used for the BAM facility.

The BAM facility will be an integral part of the research efforts being built at the Bush Combat Development Complex (BCDC) and the ongoing research efforts with the AFC. It will provide TEES and TEES' clients a contained test environment to bridge the gap between "lab-scale" research and development and national/government scale testing and evaluation.

Scope:

The proposed initial phase of the 42,600 GSF, single-story BAM facility will house one highly instrumented range duct up to 1,080 ft. (330 m) long and 2-meter diameter closed steel tubes to provide opportunities to conduct research pertaining to (a) aero-optic effects on high-energy laser propagation, (b) realistic hypersonic flight conditions, and (c) large-scale hypervelocity impacts. This modular range duct and guide rail system shall be designed for future phase additions to accommodate a 3,280 ft. (1 kilometer) combined test range duct at full build out.

The facility will also include space for a smaller 12-meter light gas gun, office/control rooms, vacuum plant, restrooms, and storage and mechanical rooms to support the facility and research range duct. Once operational, the BAM facility will be the largest and most capable of its kind in the world.

Construction on this project is scheduled to start in February 2021 with substantial completion scheduled for October 2022. The total project budget is \$25,000,000.

Other Major Fiscal Impacts:

None.

Strategic Plan Imperative(s) this Item Advances:

Approval of this agenda item will advance The Texas A&M University System's (A&M System) Strategic Imperative #4 of increasing the A&M System's prominence by developing a state-of-the-art hypersonic research facility that will enhance defense and industry-based research.

THE TEXAS A&M UNIVERSITY SYSTEM
FACILITIES PLANNING AND CONSTRUCTION
Office of the Deputy Chancellor and Chief Financial Officer
July 13, 2020

Members, Board of Regents
The Texas A&M University System

Subject: Approval of the Project Scope and Budget, Appropriation for Construction Services, and Approval for Construction for the Ballistic Aero-Optics and Materials Facility Project, Texas A&M Engineering Experiment Station, Bryan, Texas (Project No. 28-3321)

I recommend adoption of the following minute order:

“The project scope along with a project budget of \$25,000,000 for the Ballistic Aero-Optics and Materials Facility Project is approved.

The amount of \$15,000,000 is appropriated from Account No. 01-083538 Revenue Financing System Debt Proceeds (Contract Revenue/Indirect Cost Recoveries), the amount of \$2,000,000 is appropriated from Account No. 01-083538 Revenue Financing System Debt Proceeds (Indirect Cost Recoveries), and the amount of \$5,500,000 is appropriated from Account No. 28-810076, AFC BAM Funding, for construction services and related project costs.

The Ballistic Aero-Optics and Materials Facility Project, Texas A&M Engineering Experiment Station, Bryan, Texas, is approved for construction.

The Board of Regents of The Texas A&M University System (Board) reasonably expects to incur debt in one or more obligations for this project, and all or a portion of the proceeds received from the sale of such obligations is reasonably expected to be used to reimburse the account(s) for amounts previously appropriated and/or expended from such account(s).

As required by Section 5(a) of the Master Resolution of the Revenue Financing System, the Board hereby determines that it will have sufficient funds to meet the financial obligations of The Texas A&M University System, including sufficient Pledged Revenues to satisfy the Annual Debt Service Requirements of the Revenue Financing System and to meet all financial obligations of the Board relating to the Revenue Financing System and that

the Participants, on whose behalf the debt is issued, possess the financial capacity to satisfy their Direct Obligations.”

Respectfully submitted,

[ORIGINAL SIGNED BY]

Billy Hamilton
Deputy Chancellor and
Chief Financial Officer

Approval Recommended:

Approved for Legal Sufficiency:

[ORIGINAL SIGNED BY]

John Sharp
Chancellor

[ORIGINAL SIGNED BY]

Ray Bonilla
General Counsel

[ORIGINAL SIGNED BY]

Phillip Ray
Vice Chancellor for Business Affairs

[ORIGINAL SIGNED BY]

M. Katherine Banks, Ph.D., P.E.
Vice Chancellor of Engineering and National Laboratories
The Texas A&M University System
Director, Texas A&M Engineering Experiment Station

[ORIGINAL SIGNED BY]

Kelly Templin, Director
The Texas A&M University System
RELLIS Campus

BALLISTIC AERO-OPTICS AND MATERIALS FACILITY TEXAS A&M ENGINEERING EXPERIMENT STATION PROJECT NO. 28-3321	PROJECT BUDGET

1. Construction	\$20,277,000
2. Project Contingency	1,014,000
3. Program of Requirements.....	327,700
4. Pre-Construction Services	1,643,000
5. Commissioning Services	53,000
6. Construction Testing	284,000
7. Campus Services & Technology	412,000
8. Furnishings	113,000
9. Equipment	50,000
10. Other Project Costs.....	163,300
11. FPC Management	<u>663,000</u>
12. TOTAL PROJECT COST.....	<u>\$25,000.000</u>

BALLISTIC AERO-OPTICS AND MATERIALS FACILITY TEXAS A&M ENGINEERING EXPERIMENT STATION PROJECT NO. 28-3321	PROJECT SCHEDULE

1. BOR Approval to Include in Capital Plan May 14, 2020
2. Issue A/E Request for Qualifications (RFQ) June 30, 2020
3. Issue Construction Manager at Risk (CMAR) RFP July 7, 2020
4. Receive A/E RFQ Response July 14, 2020
5. Shortlist A/E Firms July 21, 2020
6. Select A/E Firms July 21, 2020
7. Receive CMAR RFP Response July 28, 2020
8. Chancellor Approval of A/E Rank Order August 11, 2020
9. Shortlist CMAR Firms August 11, 2020
10. BOR Approval for Construction August 20, 2020
11. Execute A/E Agreement August 25, 2020
12. Interview CMAR Firms August 26, 2020
13. A/E Design Kick-Off August 27, 2020
14. CMAR Ranked Order Approved by Chancellor September 25, 2020
15. Execute CMAR Agreement October 23, 2020
16. Complete Schematic Design November 27, 2020
17. Receive GMP from CMAR January 26, 2021
18. Notice to Proceed February 1, 2021
19. Submit THECB Application February 9, 2021
20. Complete Design Development March 12, 2021
21. Complete Construction Documents June 25, 2021
22. Substantial Completion October 14, 2022
23. Owner Occupancy December 16, 2022

**TEXAS A&M ENGINEERING EXPERIMENT STATION
REVENUE FINANCING SYSTEM
Ballistic Aero Optics Materials Facility
Contract Revenue/Indirect Cost Recoveries**

Dates	Outstanding Principal	Principal Amount	Interest Amount	Annual Total	Coverage 1.15x
Coml Paper	15,000,000.00				
YEAR 1	14,000,000.00	1,000,000.00	525,000.00	1,525,000.00	1,753,750.00
YEAR 2	13,000,000.00	1,000,000.00	490,000.00	1,490,000.00	1,713,500.00
YEAR 3	8,000,000.00	5,000,000.00	455,000.00	5,455,000.00	6,273,250.00
YEAR 4	4,000,000.00	4,000,000.00	280,000.00	4,280,000.00	4,922,000.00
YEAR 5	-	4,000,000.00	150,000.00	4,150,000.00	4,772,500.00
		<u>\$ 15,000,000.00</u>	<u>\$ 1,900,000.00</u>	<u>\$ 16,900,000.00</u>	<u>\$ 19,435,000.00</u>

Short-term rates are assumed to be 3.50% for years 1-4 and 3.75% for year 5. Rates are subject to market change.

Assuming that project will remain in commercial paper until paid off in five years.

Principal will be repaid with Contract Revenue and interest will be repaid with Indirect Cost Recoveries.

Prepared by the Office of the Treasurer - Treasury Services 6/12/2020

Rates are variable and subject to market change.

**TEXAS A&M ENGINEERING EXPERIMENT STATION
REVENUE FINANCING SYSTEM
Ballistic Aero Optics Materials Facility
Indirect Cost Recoveries**

Dates	Outstanding Principal	Principal Amount	Interest Amount	Annual Total	Coverage 1.15x
BONDS	2,020,000.00				
YEAR 1	1,990,000.00	30,000.00	101,000.00	131,000.00	150,650.00
YEAR 2	1,960,000.00	30,000.00	99,500.00	129,500.00	148,925.00
YEAR 3	1,925,000.00	35,000.00	98,000.00	133,000.00	152,950.00
YEAR 4	1,890,000.00	35,000.00	96,250.00	131,250.00	150,937.50
YEAR 5	1,855,000.00	35,000.00	94,500.00	129,500.00	148,925.00
YEAR 6	1,820,000.00	35,000.00	92,750.00	127,750.00	146,912.50
YEAR 7	1,780,000.00	40,000.00	91,000.00	131,000.00	150,650.00
YEAR 8	1,735,000.00	45,000.00	89,000.00	134,000.00	154,100.00
YEAR 9	1,690,000.00	45,000.00	86,750.00	131,750.00	151,512.50
YEAR 10	1,645,000.00	45,000.00	84,500.00	129,500.00	148,925.00
YEAR 11	1,595,000.00	50,000.00	82,250.00	132,250.00	152,087.50
YEAR 12	1,545,000.00	50,000.00	79,750.00	129,750.00	149,212.50
YEAR 13	1,490,000.00	55,000.00	77,250.00	132,250.00	152,087.50
YEAR 14	1,435,000.00	55,000.00	74,500.00	129,500.00	148,925.00
YEAR 15	1,375,000.00	60,000.00	71,750.00	131,750.00	151,512.50
YEAR 16	1,310,000.00	65,000.00	68,750.00	133,750.00	153,812.50
YEAR 17	1,245,000.00	65,000.00	65,500.00	130,500.00	150,075.00
YEAR 18	1,175,000.00	70,000.00	62,250.00	132,250.00	152,087.50
YEAR 19	1,100,000.00	75,000.00	58,750.00	133,750.00	153,812.50
YEAR 20	1,025,000.00	75,000.00	55,000.00	130,000.00	149,500.00
YEAR 21	945,000.00	80,000.00	51,250.00	131,250.00	150,937.50
YEAR 22	860,000.00	85,000.00	47,250.00	132,250.00	152,087.50
YEAR 23	770,000.00	90,000.00	43,000.00	133,000.00	152,950.00
YEAR 24	675,000.00	95,000.00	38,500.00	133,500.00	153,525.00
YEAR 25	575,000.00	100,000.00	33,750.00	133,750.00	153,812.50
YEAR 26	470,000.00	105,000.00	28,750.00	133,750.00	153,812.50
YEAR 27	360,000.00	110,000.00	23,500.00	133,500.00	153,525.00
YEAR 28	245,000.00	115,000.00	18,000.00	133,000.00	152,950.00
YEAR 29	125,000.00	120,000.00	12,250.00	132,250.00	152,087.50
YEAR 30	-	125,000.00	6,250.00	131,250.00	150,937.50
		<u>\$ 2,020,000.00</u>	<u>\$ 1,931,500.00</u>	<u>\$ 3,951,500.00</u>	<u>\$ 4,544,225.00</u>

Estimated Issuance Costs of \$20,000.00 are included in this schedule.
Long-term rates are assumed to be 5.00%. Rates are subject to market change.
Prepared by the Office of the Treasurer - Treasury Services 06/12/2020

Rates are subject to market change. Amounts are preliminary estimates that will be revised at the time bonds are issued.



Ballistic Aero-Optics and Materials Facility

Texas A&M Engineering Experiment Station

Project No. 28-3321

Agenda Item No. 3.6

AGENDA ITEM BRIEFING

Submitted by: Billy Hamilton, Deputy Chancellor and Chief Financial Officer
The Texas A&M University System

Subject: Approval of the Project Scope and Budget, Appropriation for Construction Services, and Approval for Construction for the BCDC: Innovation Proving Grounds Project, Texas A&M Engineering Experiment Station, Bryan, Texas (Project No. 28-3322)

Background and Prior Actions:

The Bush Combat Development Complex (BCDC): Innovation Proving Grounds (IPG) Project was approved by the Board to be added to the FY 2020 – FY 2024 A&M System Capital Plan with an FY 2020 start date at the May 2020 meeting.

Proposed Board Action:

- (1) Approve the project scope and budget.
- (2) Appropriate \$37,800,000 for construction services and related project costs. \$4,200,000 has been previously appropriated to this project.
- (3) Approve construction of the BCDC: Innovation Proving Grounds Project for Texas A&M Engineering Experiment Station (TEES).

Funding/Budget Amount:

<u>Funding Source</u>	<u>Budget Amount</u>	<u>Average Estimated Annual Debt Service</u>	<u>Debt Service Source</u>
Cash (General Revenue)	<u>\$42,000,000</u>	N/A	N/A
Total Project Funds	<u>\$42,000,000</u>		

Project Justification:

The Army Futures Command (AFC), headquartered in Austin, is drawing on research from universities around the country and the private sector to modernize the United States Army (Army), and RELLIS will be a central hub where the newest and most innovative ideas are tested and evaluated – often by soldiers from nearby Fort Hood or members of the Texas A&M University Corps of Cadets.

Agenda Item No. 3.6
Agenda Item Briefing

The aim is to shorten the time it takes to get emerging technologies from the lab to the field and maximize technology capabilities through soldier feedback. A team of Army and Texas A&M University System (A&M System) researchers will quickly evaluate prototypes that can be tested by soldiers in a real-world environment using a vast array of sensors and instruments at RELLIS.

TEES has formally executed a cooperative agreement with the Combat Capabilities Development Command (CCDC)-Army Research Laboratory (ARL) to conduct research that will discover and mature technologies leading to an ecosystem capable of generating novel approaches which will accelerate technology transfer across disparate science and technology fields specifically for the AFC modernization mission. This is a five-year, \$65M research agreement. Included in the agreement is funding for TEES to develop, equip and operate an Innovation Proving Ground at the RELLIS Campus. In addition, the 86th Texas State Legislature appropriated \$50M to the Governor to transfer to TEES for AFC efforts. These funds are to be used for the purpose of engaging this state's public institutions of higher education with private sector industries to establish and equip a proving ground site and to commercialize and manufacture critical emerging technologies for infrastructure networks, public safety, and national defense. \$42M of the \$50M will be used for the IPG.

The IPG will be an integral part of the research efforts being built at the BCDC and the ongoing research efforts with the AFC. It will provide an experimentation site to enable a myriad of tests, evaluations, and research efforts. The IPG's distinct capabilities will directly assist in the development of innovative, synergistic strategies to support agile and rigorous assessments of cutting-edge technologies and prototypes. The IPG will provide TEES and TEES' clients a test environment to bridge the gap between "lab-scale" research and development and national/government scale testing and evaluation.

Scope:

The initial phase of the IPG project will consist of two "exterior" (land and air) platform test areas: 1) IPG Mobility Challenge Course, an engineered one-mile test course capable of supporting a broad range of vehicles executing mobility operations under realistic and stressful conditions; and 2) IPG Off-Road Test Area, an engineered maneuver area that facilitates the assessment of a platform's ability to effectively operate in a cross-country environment. The project shall prepare for a future third "exterior" test area: 3) an IPG Subterranean Test Area, an underground facility supporting the testing of navigational capabilities and sensor effectiveness in an area where communications are limited and autonomy can be stressed.

These test areas will be supported by state-of-the-art instrumentation both off platform – all weather/all visibility cameras/audio generating devices, and on platform – audio recording, micro cameras, and data collecting sensors (automotive, network, Assured Position Navigation and Timing). Combined, this instrumentation will enable the capture and visualization of all data in terms of system and system of systems performance. The IPG will have the ability to download and store data for in-depth analysis, collaboration, and future use. Relatedly, the IPG will live stream data and audio/video feedback to a "Data Wall" in the new Innovative Technologies Development Complex (ITDC) facility (currently under construction) providing a

Agenda Item No. 3.6
Agenda Item Briefing

real-time Common Operational Picture (COP) and real-time streaming analytics in allowing “as occurs” situational understanding and limited causality on system performance.

Control/observation towers and proving ground storage facilities will also be constructed.

Construction on this project is scheduled to start in May 2021 with substantial completion scheduled for May 2022. The total project budget is \$42,000,000.

Other Major Fiscal Impacts:

None.

Strategic Plan Imperative(s) this Item Advances:

Approval of this agenda item will advance A&M System Strategic Imperative #4 of increasing the A&M System’s prominence by developing a state-of-the-art research proving ground that will enhance defense and industry-based research for TEES.

Agenda Item No. 3.6

THE TEXAS A&M UNIVERSITY SYSTEM
FACILITIES PLANNING AND CONSTRUCTION
Office of the Deputy Chancellor and Chief Financial Officer
July 13, 2020

Members, Board of Regents
The Texas A&M University System

Subject: Approval of the Project Scope and Budget, Appropriation for Construction Services, and
Approval for Construction for the BCDC: Innovation Proving Grounds Project, Texas
A&M Engineering Experiment Station, Bryan, Texas (Project No. 28-3322)

I recommend adoption of the following minute order:

**“The project scope along with a project budget of \$42,000,000 for the
BCDC: Innovation Proving Grounds Project is approved.**

**The amount of \$37,800,000 is appropriated from Account No. 28-810075
AFC IPG Funding, for construction services and related project costs.**

**The BCDC: Innovation Proving Grounds Project, Texas A&M
Engineering Experiment Station, Bryan, Texas, is approved for construction.”**

Respectfully submitted,

[ORIGINAL SIGNED BY]

Billy Hamilton
Deputy Chancellor and
Chief Financial Officer

Approval Recommended:

[ORIGINAL SIGNED BY]

John Sharp
Chancellor

[ORIGINAL SIGNED BY]

Phillip Ray
Vice Chancellor for Business Affairs

[ORIGINAL SIGNED BY]

M. Katherine Banks, Ph.D., P.E.
Vice Chancellor of Engineering and National Laboratories
The Texas A&M University System
Director, Texas A&M Engineering Experiment Station

Approved for Legal Sufficiency:

[ORIGINAL SIGNED BY]

Ray Bonilla
General Counsel

[ORIGINAL SIGNED BY]

Kelly Templin, Director
The Texas A&M University System

BCDC: INNOVATION PROVING GROUNDS TEXAS A&M ENGINEERING EXPERIMENT STATION PROJECT NO. 28-3322	PROJECT BUDGET

1. Construction	\$34,238,600
2. Project Contingency	1,712,000
3. Program of Requirements.....	222,700
4. Pre-Construction Services	2,766,000
5. Commissioning Services	90,000
6. Construction Testing	179,000
7. Campus Services & Technology	344,000
8. Furnishings	83,000
9. Equipment	1,052,700
10. Other Project Costs.....	199,000
11. FPC Management	<u>1,113,000</u>
12. TOTAL PROJECT COST.....	<u>\$42,000.000</u>

BCDC: INNOVATION PROVING GROUNDS**PROJECT SCHEDULE****TEXAS A&M ENGINEERING EXPERIMENT STATION****PROJECT NO. 28-3322**

1. BOR Approval to Include in Capital Plan May 14, 2020
2. Issue A/E Request for Qualifications (RFQ) June 30, 2020
3. Issue Construction Manager at Risk (CMAR) RFP July 7, 2020
4. Receive A/E RFQ Response July 16, 2020
5. Shortlist A/E Firms July 23, 2020
6. Select A/E Firms July 23, 2020
7. Receive CMAR RFP Response July 30, 2020
8. Chancellor Approval of A/E Rank Order August 13, 2020
9. Shortlist CMAR Firms August 13, 2020
10. BOR Approval for Construction August 20, 2020
11. Execute A/E Agreement August 27, 2020
12. Interview CMAR Firms August 27, 2020
13. A/E Design Kick-Off August 28, 2020
14. CMAR Ranked Order Approved by Chancellor September 25, 2020
15. Execute CMAR Agreement October 23, 2020
16. Complete Schematic Design December 23, 2020
17. Complete Design Development March 11, 2021
18. Receive GMP from CMAR May 6, 2021
19. Submit THECB Application May 20, 2021
20. Notice to Proceed May 24, 2021
21. Complete Construction Documents May 27, 2021
22. Substantial Completion May 27, 2022
23. Owner Occupancy July 29, 2022



BCDC: Innovation Proving Grounds

Texas A&M Engineering Experiment Station

Project No. 28-3322

AGENDA ITEM BRIEFING

Submitted by: Michael K. Young, President
Texas A&M University

Subject: Approval of the Project Scope and Budget, Appropriation for Construction Services, and Approval for Construction for the HVAC Replacement Lechner Hall Project, Texas A&M University, College Station, Texas (Project No. 2019-07175)

Background and Prior Actions:

The HVAC Replacement Lechner Hall Project was included as an approved project on the FY 2020 – FY 2024 A&M System Capital Plan approved by the Board at the August 2019 meeting.

Proposed Board Action:

- (1) Approve the project scope and budget.
- (2) Appropriate \$6,323,190 for construction services and related project costs. \$702,576 has been previously appropriated to this project.
- (3) Approve construction of the HVAC Replacement Lechner Hall Project at Texas A&M University (Texas A&M).

Funding/Budget Amount:

<u>Funding Source</u>	<u>Budget Amount</u>	<u>Average Estimated Annual Debt Service</u>	<u>Debt Service Source</u>
Revenue Financing System Debt Proceeds	<u>\$7,025,766</u>	\$478,569	Housing Revenue
Total Project Funds	<u>\$7,025,766</u>		

Project Justification:

Originally constructed in 1989, Lechner Hall is a four-story concrete structure consisting of 112 modular rooms, (majority being dorm rooms), shared bathrooms, study rooms and common area/space. Total net assignable square footage is 41,533.

Each room is conditioned by an individual Fan Coil Unit (FCU) served by a four-pipe Chilled Hot Water/Hot Water (CHW/HW) piping distribution system. Each room has a pneumatic thermostat and fan speed control switch (Hi/Med/Lo). Corridors are conditioned by floor-mounted FCUs. Each stairwell has a wall-mounted FCU located on the 2nd and 3rd floor landings. Outside Air (OA) is introduced into the building by two first-floor Air Handler Units (AHU) located at opposite

Agenda Item No. 3.7
Agenda Item Briefing

ends of the building, delivering air to the rooms by way of the corridor plenum through a small 4” hole.

The HVAC system has reached the end of its useful life and is in need of replacement. Maintenance issues continue to increase resulting from the aged HVAC system, heating water piping and valves located within the crawl space/pipe chases.

Scope:

The project will replace all FCUs with new four-pipe FCUs with HW coils in the re-heat position. Each room will have a digital thermostat and humidistat to implement a humidity control strategy at the room level. A fan controller will be provided in each room to allow for student control of the FCU. Corridor floor-mounted FCUs will be replaced. First-floor AHUs will be removed. Conditioned OA will be provided via new Roof Top Unit (RTU) with integral Energy Recovery Unit (ERU). Existing bathroom exhaust fans will be removed. New exhaust ductwork will be manifold on the roof and routed to the ERU to capture energy currently being exhausted. New OA and exhaust duct risers will be installed to introduce conditioned fresh air into each room. New FCUs will be provided to serve the stairwells. The existing Chilled Water Pump (CWP) and Hot Water Pump (HWP) will be replaced with Variable Frequency Driven (VFD) pumps. All thermal lines within the crawlspace and within the building will be replaced and insulated.

A new Direct Digital Control (DDC) system will be provided and tied into the campus-wide control system for better energy management and control by Utilities and Energy Services (UES). The Water, Air, Gas, Electric, Steam (WAGES) system will also be modified and upgraded to accommodate the replacement systems.

The Domestic Hot Water (DHW) main piping located in the crawlspace and valves located in the pipe chases will be replaced and re-insulated.

General construction shall consist of the removal and replacement of existing ceilings in hallways and bathrooms to facilitate mechanical work. In lieu of cleaning and reinstalling existing light fixtures, this project will install new, more energy efficient LED light fixtures.

Construction on this project is scheduled to start in September 2020 with substantial completion scheduled for July 2021. The total project budget is \$7,025,766.

Other Major Fiscal Impacts:

None.

Strategic Plan Imperative(s) this Item Advances:

Approval of this agenda item will advance The Texas A&M University System Strategic Imperative 3, by providing students a more comfortable living and study space. Improving the quality of campus life will improve the educational experience for all residents.

Agenda Item No. 3.7

TEXAS A&M UNIVERSITY

Office of the President

July 9, 2020

Members, Board of Regents
The Texas A&M University System

Subject: Approval of the Project Scope and Budget, Appropriation for Construction Services, and Approval for Construction for the HVAC Replacement Lechner Hall Project, Texas A&M University, College Station, Texas (Project No. 2019-07175)

I recommend adoption of the following minute order:

“The project scope along with a project budget of \$7,025,766 for the HVAC Replacement Lechner Hall Project is approved.

The amount of \$6,323,190 is appropriated from Account No. 01-083540 Revenue Financing System Debt Proceeds (Housing Revenue) for construction services and related project costs.

The HVAC Replacement Lechner Hall Project, Texas A&M University, College Station, Texas, is approved for construction.

The Board of Regents of The Texas A&M University System (Board) reasonably expects to incur debt in one or more obligations for this project, and all or a portion of the proceeds received from the sale of such obligations is reasonably expected to be used to reimburse the account(s) for amounts previously appropriated and/or expended from such account(s).

As required by Section 5(a) of the Master Resolution of the Revenue Financing System, the Board hereby determines that it will have sufficient funds to meet the financial obligations of The Texas A&M University System, including sufficient Pledged Revenues to satisfy the Annual Debt Service Requirements of the Revenue Financing System and to meet all financial obligations of the Board relating to the Revenue Financing System and that

the Participants, on whose behalf the debt is issued, possess the financial capacity to satisfy their Direct Obligations.”

Respectfully submitted,

[ORIGINAL SIGNED BY]

Michael K. Young
President

Approval Recommended:

[ORIGINAL SIGNED BY]

John Sharp
Chancellor

[ORIGINAL SIGNED BY]

Billy Hamilton
Deputy Chancellor and
Chief Financial Officer

[ORIGINAL SIGNED BY]

Phillip Ray
Vice Chancellor for Business Affairs

Approved for Legal Sufficiency:

[ORIGINAL SIGNED BY]

Ray Bonilla
General Counsel

HVAC REPLACEMENT LECHNER HALL TEXAS A&M UNIVERSITY PROJECT NO. 2019-07175	PROJECT BUDGET

1. Amount Available for Construction Contract.....	\$5,735,000
2. Architectural/Engineering Fees.....	\$372,775
3. Campus Services.....	\$19,282
4. Other Services.....	\$121,000
5. Contingency.....	\$573,200
6. SSC Fees.....	<u>\$204,509</u>
7. TOTAL ESTIMATED COST OF PROJECT.....	<u>\$7,025,766</u>

**HVAC REPLACEMENT LECHNER HALL
TEXAS A&M UNIVERSITY
PROJECT NO. 2019-07175**

PROJECT SCHEDULE

1. Best Value Letter Approved for A/E February 19, 2019
2. Initial BOR Approval to Include in Capital Plan..... August 23, 2019
3. Execute A/E Agreement October 14, 2019
4. A/E Design Kick-Off.....October 21, 2019
5. Complete Schematic Design December 19, 2019
6. Complete Design Development March 11, 2020
7. Complete Construction Documents April 29, 2020
8. BOR Approval for Construction August 20, 2020
9. Issue Construction Notice to Proceed September 2020
10. Full Demolition & Construction Commences May 2021
11. Substantial Completion July 21, 2021
12. Owner Occupancy August 1, 2021

TEXAS A&M UNIVERSITY SYSTEM
REVENUE FINANCING SYSTEM
HVAC Replacement Lechner
Housing Revenue

Dates	Outstanding Principal	Principal Amount	Interest Amount	Annual Total	Coverage 1.15x
BONDS	7,095,000.00				
YEAR 1	6,935,000.00	160,000.00	319,275.00	479,275.00	551,166.25
YEAR 2	6,770,000.00	165,000.00	312,075.00	477,075.00	548,636.25
YEAR 3	6,595,000.00	175,000.00	304,650.00	479,650.00	551,597.50
YEAR 4	6,415,000.00	180,000.00	296,775.00	476,775.00	548,291.25
YEAR 5	6,225,000.00	190,000.00	288,675.00	478,675.00	550,476.25
YEAR 6	6,025,000.00	200,000.00	280,125.00	480,125.00	552,143.75
YEAR 7	5,815,000.00	210,000.00	271,125.00	481,125.00	553,293.75
YEAR 8	5,600,000.00	215,000.00	261,675.00	476,675.00	548,176.25
YEAR 9	5,375,000.00	225,000.00	252,000.00	477,000.00	548,550.00
YEAR 10	5,140,000.00	235,000.00	241,875.00	476,875.00	548,406.25
YEAR 11	4,895,000.00	245,000.00	231,300.00	476,300.00	547,745.00
YEAR 12	4,635,000.00	260,000.00	220,275.00	480,275.00	552,316.25
YEAR 13	4,365,000.00	270,000.00	208,575.00	478,575.00	550,361.25
YEAR 14	4,085,000.00	280,000.00	196,425.00	476,425.00	547,888.75
YEAR 15	3,790,000.00	295,000.00	183,825.00	478,825.00	550,648.75
YEAR 16	3,480,000.00	310,000.00	170,550.00	480,550.00	552,632.50
YEAR 17	3,160,000.00	320,000.00	156,600.00	476,600.00	548,090.00
YEAR 18	2,825,000.00	335,000.00	142,200.00	477,200.00	548,780.00
YEAR 19	2,475,000.00	350,000.00	127,125.00	477,125.00	548,693.75
YEAR 20	2,105,000.00	370,000.00	111,375.00	481,375.00	553,581.25
YEAR 21	1,720,000.00	385,000.00	94,725.00	479,725.00	551,683.75
YEAR 22	1,320,000.00	400,000.00	77,400.00	477,400.00	549,010.00
YEAR 23	900,000.00	420,000.00	59,400.00	479,400.00	551,310.00
YEAR 24	460,000.00	440,000.00	40,500.00	480,500.00	552,575.00
YEAR 25	-	460,000.00	20,700.00	480,700.00	552,805.00
		<u>\$ 7,095,000.00</u>	<u>\$ 4,869,225.00</u>	<u>\$ 11,964,225.00</u>	<u>\$ 13,758,858.75</u>

Estimated Issuance Costs of \$69,234.00 are included in this schedule.
Long-term rates are assumed to be 4.50%. Rates are subject to market change.
Prepared by the Office of the Treasurer - Treasury Services 06/19/2020

Rates are subject to market change. Amounts are preliminary estimates that will be revised at the time bonds are issued.



HVAC Replacement Lechner Hall

Texas A&M University

Project No. 2019-07175

AGENDA ITEM BRIEFING

Submitted by: Michael K. Young, President
Texas A&M University

Subject: Approval of the Project Scope and Budget, Appropriation for Construction Services, and Approval for Construction for the HVAC Replacement Wells Hall Project, Texas A&M University, College Station, Texas (Project No. 2019-07176)

Background and Prior Actions:

The HVAC Replacement Wells Hall Project was included as an approved project on the FY 2020 – FY 2024 A&M System Capital Plan approved by the Board at the August 2019 meeting.

Proposed Board Action:

- (1) Approve the project scope and budget.
- (2) Appropriate \$7,195,434 for construction services and related project costs. \$799,492 has been previously appropriated to this project.
- (3) Approve construction of the HVAC Replacement Wells Hall Project at Texas A&M University (Texas A&M).

Funding/Budget Amount:

<u>Funding Source</u>	<u>Budget Amount</u>	<u>Average Estimated Annual Debt Service</u>	<u>Debt Service Source</u>
Revenue Financing System Debt Proceeds	<u>\$7,994,926</u>	\$544,625	Housing Revenue
Total Project Funds	<u>\$7,994,926</u>		

Project Justification:

Originally constructed in 1989, Wells Hall is a four-story concrete structure consisting of 128 modular rooms, (majority being dorm rooms), shared bathrooms, study rooms and common area/space. Total net assignable square footage is 47,081.

Each room is conditioned by an individual Fan Coil Unit (FCU) served by a four-pipe Chilled Hot Water/Hot Water (CHW/HW) piping distribution system. Each room has a pneumatic thermostat and fan speed control switch (Hi/Med/Lo). Corridors are conditioned by floor-mounted FCUs. Each stairwell has a wall-mounted FCU located on the 2nd and 3rd floor landings. Outside Air (OA) is introduced into the building by two first-floor Air Handler Units (AHU) located at opposite

Agenda Item No. 3.8
Agenda Item Briefing

ends of the building, delivering air to the rooms by way of the corridor plenum through a small 4” hole.

The HVAC system has reached the end of its useful life and is in need of replacement. Maintenance issues continue to increase resulting from the aged HVAC system, heating water piping and valves located within the crawl space/pipe chases.

Scope:

The project will replace all FCUs with new four-pipe FCUs with HW coils in the re-heat position. Each room will have a digital thermostat and humidistat to implement a humidity control strategy at the room level. A fan controller will be provided in each room to allow for student control of the FCU. Corridor floor-mounted FCUs will be replaced. First-floor AHUs will be removed. Conditioned OA will be provided via new Roof Top Unit (RTU) with integral Energy Recovery Unit (ERU). Existing bathroom exhaust fans will be removed. New exhaust ductwork will be manifold on the roof and routed to the ERU to capture energy currently being exhausted. New OA and exhaust duct risers will be installed to introduce conditioned fresh air into each room. New FCUs will be provided to serve the stairwells. The existing Chilled Water Pump (CWP) and Hot Water Pump (HWP) will be replaced with Variable Frequency Driven (VFD) pumps. All thermal lines within the crawlspace and within the building will be replaced and insulated.

A new Direct Digital Control (DDC) system will be provided and tied into the campus-wide control system for better energy management and control by Utilities and Energy Services (UES). The Water, Air, Gas, Electric, Steam (WAGES) system will also be modified and upgraded to accommodate the replacement systems.

The Domestic Hot Water (DHW) main piping located in the crawlspace and valves located in the pipe chases will be replaced and re-insulated.

General construction shall consist of the removal and replacement of existing ceilings in hallways and bathrooms to facilitate mechanical work. In lieu of cleaning and reinstalling existing light fixtures, this project will install new, more energy efficient LED light fixtures.

Construction on this project is scheduled to start in September 2020 with substantial completion scheduled for July 2021. The total project budget is \$7,994,926.

Other Major Fiscal Impacts:

None.

Strategic Plan Imperative(s) this Item Advances:

Approval of this agenda item will advance The Texas A&M University System Strategic Imperative 3, by providing students a more comfortable living and study space. Improving the quality of campus life will improve the educational experience for all residents.

Agenda Item No. 3.8

TEXAS A&M UNIVERSITY

Office of the President

July 9, 2020

Members, Board of Regents
The Texas A&M University System

Subject: Approval of the Project Scope and Budget, Appropriation for Construction Services, and Approval for Construction for the HVAC Replacement Wells Hall Project, Texas A&M University, College Station, Texas (Project No. 2019-07176)

I recommend adoption of the following minute order:

“The project scope along with a project budget of \$7,994,926 for the HVAC Replacement Wells Hall Project is approved.

The amount of \$7,195,434 is appropriated from Account No. 01-083540 Revenue Financing System Debt Proceeds (Housing Revenue) for construction services and related project costs.

The HVAC Replacement Wells Hall Project, Texas A&M University, College Station, Texas, is approved for construction.

The Board of Regents of The Texas A&M University System (Board) reasonably expects to incur debt in one or more obligations for this project, and all or a portion of the proceeds received from the sale of such obligations is reasonably expected to be used to reimburse the account(s) for amounts previously appropriated and/or expended from such account(s).

As required by Section 5(a) of the Master Resolution of the Revenue Financing System, the Board hereby determines that it will have sufficient funds to meet the financial obligations of The Texas A&M University System, including sufficient Pledged Revenues to satisfy the Annual Debt Service Requirements of the Revenue Financing System and to meet all financial obligations of the Board relating to the Revenue Financing System and that

the Participants, on whose behalf the debt is issued, possess the financial capacity to satisfy their Direct Obligations.”

Respectfully submitted,

[ORIGINAL SIGNED BY]

Michael K. Young
President

Approval Recommended:

[ORIGINAL SIGNED BY]

John Sharp
Chancellor

Approved for Legal Sufficiency:

[ORIGINAL SIGNED BY]

Ray Bonilla
General Counsel

[ORIGINAL SIGNED BY]

Billy Hamilton
Deputy Chancellor and
Chief Financial Officer

[ORIGINAL SIGNED BY]

Phillip Ray
Vice Chancellor for Business Affairs

**HVAC REPLACEMENT WELLS HALL
TEXAS A&M UNIVERSITY
PROJECT NO. 2019-07176**

PROJECT BUDGET

1. Amount Available for Construction Contract.....	\$6,546,000
2. Architectural/Engineering Fees.....	\$425,490
3. Campus Services.....	\$18,474
4. Other Services.....	\$117,500
5. Contingency.....	\$654,600
6. SSC Fees.....	<u>\$232,862</u>
7. TOTAL ESTIMATED COST OF PROJECT.....	<u>\$7,994,926</u>

1. Best Value Letter Approved for A/E February 19, 2019
2. Initial BOR Approval to Include in Capital Plan..... August 23, 2019
3. Execute A/E Agreement October 14, 2019
4. A/E Design Kick-Off.....October 21, 2019
5. Complete Schematic Design December 19, 2019
6. Complete Design Development March 11, 2020
7. Complete Construction Documents April 29, 2020
8. BOR Approval for Construction August 20, 2020
9. Issue Construction Notice to Proceed September 2020
10. Full Demolition & Construction Commences May 2021
11. Substantial Completion July 31, 2021
12. Owner Occupancy August 1, 2021

TEXAS A&M UNIVERSITY SYSTEM
REVENUE FINANCING SYSTEM
HVAC Replacement Wells Hall
Housing Revenue

Dates	Outstanding Principal	Principal Amount	Interest Amount	Annual Total	Coverage 1.15x
BONDS	8,075,000.00				
YEAR 1	7,895,000.00	180,000.00	363,375.00	543,375.00	624,881.25
YEAR 2	7,705,000.00	190,000.00	355,275.00	545,275.00	627,066.25
YEAR 3	7,505,000.00	200,000.00	346,725.00	546,725.00	628,733.75
YEAR 4	7,300,000.00	205,000.00	337,725.00	542,725.00	624,133.75
YEAR 5	7,085,000.00	215,000.00	328,500.00	543,500.00	625,025.00
YEAR 6	6,860,000.00	225,000.00	318,825.00	543,825.00	625,398.75
YEAR 7	6,625,000.00	235,000.00	308,700.00	543,700.00	625,255.00
YEAR 8	6,380,000.00	245,000.00	298,125.00	543,125.00	624,593.75
YEAR 9	6,120,000.00	260,000.00	287,100.00	547,100.00	629,165.00
YEAR 10	5,850,000.00	270,000.00	275,400.00	545,400.00	627,210.00
YEAR 11	5,570,000.00	280,000.00	263,250.00	543,250.00	624,737.50
YEAR 12	5,275,000.00	295,000.00	250,650.00	545,650.00	627,497.50
YEAR 13	4,965,000.00	310,000.00	237,375.00	547,375.00	629,481.25
YEAR 14	4,645,000.00	320,000.00	223,425.00	543,425.00	624,938.75
YEAR 15	4,310,000.00	335,000.00	209,025.00	544,025.00	625,628.75
YEAR 16	3,960,000.00	350,000.00	193,950.00	543,950.00	625,542.50
YEAR 17	3,595,000.00	365,000.00	178,200.00	543,200.00	624,680.00
YEAR 18	3,210,000.00	385,000.00	161,775.00	546,775.00	628,791.25
YEAR 19	2,810,000.00	400,000.00	144,450.00	544,450.00	626,117.50
YEAR 20	2,390,000.00	420,000.00	126,450.00	546,450.00	628,417.50
YEAR 21	1,955,000.00	435,000.00	107,550.00	542,550.00	623,932.50
YEAR 22	1,500,000.00	455,000.00	87,975.00	542,975.00	624,421.25
YEAR 23	1,020,000.00	480,000.00	67,500.00	547,500.00	629,625.00
YEAR 24	520,000.00	500,000.00	45,900.00	545,900.00	627,785.00
YEAR 25	-	520,000.00	23,400.00	543,400.00	624,910.00
		<u>\$ 8,075,000.00</u>	<u>\$ 5,540,625.00</u>	<u>\$ 13,615,625.00</u>	<u>\$ 15,657,968.75</u>

Estimated Issuance Costs of \$80,074.00 are included in this schedule.
Long-term rates are assumed to be 4.50%. Rates are subject to market change.
Prepared by the Office of the Treasurer - Treasury Services 06/19/2020

Rates are subject to market change. Amounts are preliminary estimates that will be revised at the time bonds are issued.



HVAC Replacement Wells Hall

Texas A&M University

Project No. 2019-07176

AGENDA ITEM BRIEFING

Submitted by: Michael K. Young, President
Texas A&M University

Subject: Approval of the Project Scope and Budget, Appropriation for Pre-Construction and Construction Services, and Approval for Construction of the ESCO 2021 Project at Texas A&M University at Galveston, Galveston, Texas (Project No. 10-40646)

Background and Prior Actions:

The ESCO 2021 Project is included for approval as an FY 2021 project on the FY 2021 – FY 2025 A&M System Capital Plan to be approved by the Board at the August 2020 meeting.

Proposed Board Action:

- (1) Approve the project scope and budget.
- (2) Appropriate \$8,000,000 for pre-construction services, construction services and related project costs.
- (3) Approve construction of the ESCO 2021 Project at Texas A&M University at Galveston (TAMUG).

Funding/Budget Amount:

<u>Funding Source</u>	<u>Budget Amount</u>	<u>Average Estimated Annual Debt Service</u>	<u>Debt Service Source</u>
Revenue Financing System Debt Proceeds*	<u>\$8,000,000</u>	\$543,013	Energy Savings
Total Project Funds	<u>\$8,000,000</u>		

Project Justification:

This project will upgrade 26 facilities to improve operating efficiencies and environment through upgrading lighting systems, building automation system controls, HVAC, and water fixtures. This will also reduce utility consumption and greenhouse gas emissions. The campus facilities vary by age, size and use, and total 1,025,599 square feet. The Investment Grade Audit (IGA) completed by Ameresco in Spring 2020 showed utility consumption reduction opportunities of approximately 21%, which would yield more than \$550,000 in average annual utility cost savings.

Through The Texas A&M University System (A&M System) negotiated energy savings program contracts, TAMUG invited the four A&M System-approved Energy Service Companies (ESCOs) to conduct presentations and participate in a Preliminary Utility Audit (PUA) at its campus.

Agenda Item No. 3.9
Agenda Item Briefing

TAMUG selected Ameresco as the ESCO contractor to proceed with negotiation of a campus-wide IGA, also referred to as a Utility Audit Report or Energy Audit Report. Through the IGA, Ameresco (i) collected data related to TAMUG's use and operation of the premises, which included observations of the premises, determination of the base year energy consumption, financial analyses of the cost and benefit of energy and water conservation measures; and (ii) prepared a detailed Energy Audit Report, which analyzed current energy consumption at the premises, made recommendations for energy efficient equipment upgrades, energy conservation measures (ECMs), and a detailed analysis of implementation costs, anticipated energy and water savings resulting from such improvements and assumptions upon which the projected savings are based. The Energy Audit Report provided TAMUG with the information necessary for the evaluation of the costs and benefits of proceeding with the utility consumption reduction project.

Low interest loans are being made available through various financing sources including third party financing and the A&M System's Revenue Financing System debt proceeds, with cost avoidance from energy consumption reduction guaranteed by Ameresco to pay back both principal and interest over twenty years after construction is complete. Energy savings projects of this type are also required to submit required documentation in order to receive approval by the Texas Higher Education Coordinating Board (THECB), which originally established review and approval process guidelines in consultation with the State Energy Conservation Office. The application for this project will be evaluated on technical and financial requirements and selected for funding based upon meeting strict engineering and financial merits. If the projected energy consumption avoidance is not achieved, the ESCO will be responsible for any guaranteed utility savings shortfall. For this project, an \$8 million total project loan is anticipated.

Scope:

The PUA identified a list of facilities to be audited and upgraded with lighting improvements, HVAC equipment upgrades, Building Automation System upgrades, and water fixture upgrades as recommended. During the IGA, the facilities were further defined within the final facility list as shown below.

Agenda Item No. 3.9
Agenda Item Briefing

No.	Building	Building Full Name	Year Built	Floors	Number of Rooms	Gross Square Feet
1	3001	Kirkham Hall	1971	3	39	19,448
2	3002	Maritime Transportation	1971	2	21	13,290
3	3003	Waterfront Operations	1971	2	16	5,635
4	3004	Mary Moody Northen Student Center	1976	1	17	18,321
5	3005	Hullabaloo Hall and Oceans Hall (Residence Halls A/B)	1976	2 & 3	202	54,287
6	3006	Facilities Services	1976	2	26	15,603
7	3007	Classroom Lab Building	1979	3	84	40,628
8	3008	Service Annex	1977	1	1	473
9	3010	Jack K. Williams Library	1986	1	40	26,825
10	3011	Electric Switch Gear Building	1991	1	1	558
11	3018	Campus Recreation Center/P.E. Facility	1994	1	15	29,500
12	3019	Wastewater Treatment Plant	2017	1	1	10,600
13	3021	Pool Mechanical Building	1977	2	2	600
14	3025	Institutional Support and Information Technology	1995	1	10	5,992
15	3026	Sea Aggie Center/Police	2002	1	95	74,212
16	3027	Powell Marine Engineering Complex	2004	2	83	58,515
17	3028	Club House	2006	1	12	3,858
18	3029	Ocean & Coastal Studies Building	2010	4	196	113,195
19	3030	Seibel Center	2011	1	30	9,171
20	3031	Pacific Hall	2012	3	329	87,338
21	3032	Atlantic Hall	2012	3	329	87,338
22	3033	Texas A&M Maritime Academy Hall	2015	6	928	198,459
23	3034	Academic Complex	2017	4	150	85,335
24	3035	Aggieland Special Events Center	2018	3	52	62,036
25	3104	Wetlands Center	2003	1	3	1,731
26	3316	Bennison Place Sail Center	1998	1	4	2,651
Total:					3,764	1,025,599

The projected annual electricity, natural gas, and water savings from implementing these ECMs total an expected \$447,314 in the first year. The expected total amount financed is \$7,988,747 and includes the IGA, implementation, third party engineering review, and construction period interest costs. The total initial project cost of \$7,767,294 is the guaranteed maximum project value with Ameresco, including the IGA and implementation costs. The interest rate and construction period interest fees on the included proforma are estimates and a final proforma will be reconciled after financing proposals have been evaluated and lender fees agreed upon by TAMUG. Installation of the ECMs will:

- Reduce electricity consumption by 8,063,533 kilowatt-hours (kWh) each year
- Reduce utility annual electricity demand assessments by 12,328 kW each year, averaging 1,027 kW per month
- Reduce natural gas consumption 30,387 MMBtu each year
- Reduce water consumption 2,742 kGal each year

Agenda Item No. 3.9
Agenda Item Briefing

The proposed project will use a Design-Build (DB) delivery method in which the first step was IGA and project proposal contract. As the project criteria identified within the IGA have been met, the project may move to the next step, an Energy Savings Performance Contract, after all approval requirements have been satisfied.

All construction in this project shall meet all applicable codes and standards identified within the FP&C Facility Design Guidelines, including NFPA Life Safety Codes and Texas Accessibility Standards.

TAMUG has identified Revenue Financing System as the financing vehicle for this project. Any related agreements prepared for this project will be reviewed and approved by the Office of General Counsel prior to execution.

Construction on this project is scheduled to start in November 2020 with substantial completion scheduled for December 2021. The total project budget is \$8,000,000.

Other Major Fiscal Impacts:

None.

Strategic Plan Imperative(s) this Item Advances:

Approval of this agenda item will advance The Texas A&M University System strategic imperative 6 (“The A&M System, in adhering to the high standard of excellence and growth required in this strategic plan, will display prudent financial stewardship and sustainability.”). More specifically, TAMUG is leveraging available electricity, natural gas, and water savings to fund utility consumption reduction measures that are both economically and environmentally sustainable. This will be accomplished by providing lighting, infrastructure, and water upgrades throughout buildings across campus, as well as central utility plant upgrades in a budget neutral manner. These measures will improve the quality of facilities for students, faculty, and staff, provide a meaningful reduction in the Galveston campus’ deferred maintenance backlog, and upgrade campus building automation and controls.

Agenda Item No. 3.9

TEXAS A&M UNIVERSITY

Office of the President

July 6, 2020

Members, Board of Regents
The Texas A&M University System

Subject: Approval of the Project Scope and Budget, Appropriation for Pre-Construction and Construction Services, and Approval for Construction of the ESCO 2021 Project at Texas A&M University at Galveston, Galveston, Texas (Project No. 10-40646)

I recommend adoption of the following minute order:

“The project scope along with a project budget up to \$8,000,000 for the ESCO 2021 Project is approved.

The amount up to \$8,000,000 is appropriated from Account No. 01-083540 Revenue Financing System Debt Proceeds, (Energy Savings), for pre-construction services, construction services and related project costs.

The ESCO 2021 Project, Texas A&M University at Galveston, Galveston, Texas, is approved for construction.

The Board of Regents of The Texas A&M University System (Board) reasonably expects to incur debt in one or more obligations for this project, and all or a portion of the proceeds received from the sale of such obligations is reasonably expected to be used to reimburse the account(s) for amounts previously appropriated and/or expended from such account(s).

As required by Section 5(a) of the Master Resolution of the Revenue Financing System, the Board hereby determines that it will have sufficient funds to meet the financial obligations of The Texas A&M University System, including sufficient Pledged Revenues to satisfy the Annual Debt Service Requirements of the Revenue Financing System and to meet all financial obligations of the Board relating to the Revenue Financing System and that

the Participants, on whose behalf the debt is issued, possess the financial capacity to satisfy their Direct Obligations.”

Respectfully submitted,

[ORIGINAL SIGNED BY]

Michael K. Young
President

Submission Recommended:

[ORIGINAL SIGNED BY]

Col. Michael E. Fossum
Vice President & Chief Operating Officer
Texas A&M University at Galveston

Approval Recommended:

[ORIGINAL SIGNED BY]

John Sharp
Chancellor

Approved for Legal Sufficiency:

[ORIGINAL SIGNED BY]

Ray Bonilla
General Counsel

[ORIGINAL SIGNED BY]

Billy Hamilton
Deputy Chancellor and
Chief Financial Officer

[ORIGINAL SIGNED BY]

Phillip Ray
Vice Chancellor for Business Affairs

ESCO 2021	PROJECT BUDGET
TEXAS A&M UNIVERSITY AT GALVESTON	
PROJECT NO. 10-40646	

1. Amount Available for Construction Contract.....	\$7,767,294
2. Project Owner Contingency.....	\$227,706
3. 3 rd Party Engineering Verification.....	<u>\$5,000</u>
4. TOTAL ESTIMATED COST OF PROJECT.....	<u>\$8,000,000</u>

1. Authorization to Proceed with Investment Grade Audit.....November 21, 2019
2. Receive GMP May 22, 2020
3. Submit IGA Package for Review May 22,2020
4. Investment Grade Audit Complete June 12, 2020
5. Submit IGA Report for 3rd Party Verification June 12, 2020
6. Complete Program of Requirements..... June 19, 2020
7. Third Party Verification Complete June 26, 2020
8. Submit Agenda Item to Chancellor's Office for August 2020 BOR July 13, 2020
9. Comments Submitted to ESCO July 27, 2020
10. BOR Approval for Construction and Addition to the Capital Plan August 20, 2020
11. Submit THECB Application August 28, 2020
12. Approval by THECB Committee October 21, 2020
13. Begin Construction November 30, 2020
14. Substantial Completion December 31, 2021
15. Owner Occupancy February 2022

TEXAS A&M UNIVERSITY @ GALVESTON
REVENUE FINANCING SYSTEM
ESCO Project
Energy Savings

Dates	Outstanding Principal	Principal Amount	Interest Amount	Annual Total	Coverage 1.15x
BONDS	8,080,000.00				
YEAR 1	7,780,000.00	300,000.00	242,400.00	542,400.00	623,760.00
YEAR 2	7,470,000.00	310,000.00	233,400.00	543,400.00	624,910.00
YEAR 3	7,150,000.00	320,000.00	224,100.00	544,100.00	625,715.00
YEAR 4	6,820,000.00	330,000.00	214,500.00	544,500.00	626,175.00
YEAR 5	6,480,000.00	340,000.00	204,600.00	544,600.00	626,290.00
YEAR 6	6,130,000.00	350,000.00	194,400.00	544,400.00	626,060.00
YEAR 7	5,770,000.00	360,000.00	183,900.00	543,900.00	625,485.00
YEAR 8	5,400,000.00	370,000.00	173,100.00	543,100.00	624,565.00
YEAR 9	5,020,000.00	380,000.00	162,000.00	542,000.00	623,300.00
YEAR 10	4,630,000.00	390,000.00	150,600.00	540,600.00	621,690.00
YEAR 11	4,225,000.00	405,000.00	138,900.00	543,900.00	625,485.00
YEAR 12	3,810,000.00	415,000.00	126,750.00	541,750.00	623,012.50
YEAR 13	3,380,000.00	430,000.00	114,300.00	544,300.00	625,945.00
YEAR 14	2,940,000.00	440,000.00	101,400.00	541,400.00	622,610.00
YEAR 15	2,485,000.00	455,000.00	88,200.00	543,200.00	624,680.00
YEAR 16	2,015,000.00	470,000.00	74,550.00	544,550.00	626,232.50
YEAR 17	1,530,000.00	485,000.00	60,450.00	545,450.00	627,267.50
YEAR 18	1,035,000.00	495,000.00	45,900.00	540,900.00	622,035.00
YEAR 19	525,000.00	510,000.00	31,050.00	541,050.00	622,207.50
YEAR 20	-	525,000.00	15,750.00	540,750.00	621,862.50
		<u>\$ 8,080,000.00</u>	<u>\$ 2,780,250.00</u>	<u>\$ 10,860,250.00</u>	<u>\$ 12,489,287.50</u>

Estimated issuance costs and rounding of \$80,000 are included in this schedule.
Long-term rates are assumed to be 3.00%. Rates are subject to market change.
Prepared by the Office of the Treasurer - Treasury Services 6/10/2020

Rates are subject to market change. Amounts are preliminary estimates that will be revised at the time bonds are issued.



● -- Buildings receiving improvements

ESCO 2021

Texas A&M University at Galveston

Project No. 10-40646

Construction Project Status Report

Effective 07/14/2020

Projects in Programming / Planning:	12 Projects	\$	498,961,268
Projects in Design:	10 Projects	\$	335,792,470
Projects in Construction:	18 Projects	\$	603,121,814
P3 Projects	17 Projects	\$	1,104,292,000
Combined Total:	57 Projects	\$	2,542,167,552

PROJECTS TO BE AUTHORIZED BY THE BOARD OF REGENTS

Projects in Programming / Planning:

Austin, TX

01-3317	TDEM Building	\$	-

Bryan, TX

01-3245	RELLIS Master Plan - Phase A + B	\$	914,065
01-3331	RELLIS Runway 35R Rehabilitation	\$	5,372,000
28-3231	Technology Innovation and Modernization Catalyst (TIMC) Facility	\$	10,000,000
28-3321	Ballistic Aero-Optics and Materials Facility	\$	25,000,000
28-3322	BCDC: Innovation Proving Grounds	\$	42,000,000

Canyon, TX

18-3314	Cousins Hall Renovation	\$	12,500,000

College Station, TX

02-3279	Business Education Complex	\$	74,675,000
02-3311	The Gardens at Texas A&M University: Phase II	\$	33,500,203
02-3330	Biological Sciences Building	\$	120,000,000

Ft. Worth, TX

04-3281	Ft. Worth Building #2/Physical Plant/Infrastructure	\$	66,000,000

Houston, TX

23-3320	Texas A&M University TMC3 Biomedical Research Building	\$	109,000,000

Total of Projects in Programming / Planning		\$	498,961,268

Projects in Design:

Bryan, TX

01-3323	RELLIS Campus Infrastructure Phase III-A	\$	12,348,000
02-3304	Joint Library Facility - Module 3	\$	7,500,000
28-3230	Industrial Distribution Building No. 1	\$	18,640,000

Canyon, TX

18-3313	Amarillo Center Phase III	\$	7,003,500

College Station, TX

02-3267	South Campus Recreation Center	\$	35,062,500
02-3272	Instructional Laboratory & Innovative Learning Building (ILSQ)	\$	100,000,000
02-3316	SUP3 Expansion	\$	20,930,520

Prairie View, TX

05-3300	Engineering Classroom & Research Building	\$	70,000,000

San Antonio, TX

25-3265	Academic and Administration Building Ph II	\$	53,000,000

Stephenville, TX

04-3264	Aquatics Center	\$	11,307,950

Total of Projects in Design		\$	335,792,470

Projects in Construction:

Bryan, TX

01-3270	RELLIS Agriculture & Workforce Education Complex	\$	15,000,000
Bartlett Cocke General Contractors			
Status:	Substantially Complete	Substantial Completion Date:	05/15/2020
		Construction Work Completed:	100%
01-3273	RELLIS Academic Complex - Phase II	\$	28,650,000
Tellepsen Builders, L.P.			
Status:	On Schedule	Substantial Completion Date:	11/16/2020
		Construction Work Completed:	64%
28-3298	Innovative Technologies Development Complex	\$	80,000,000
J. T. Vaughn Construction, LLC			
Status:	On Schedule	Substantial Completion Date:	07/03/2021
		Construction Work Completed:	25%

Canyon, TX

02-3266	Veterinary Education, Research & Outreach Center	\$	22,000,000
J. T. Vaughn Construction, LLC			
Status:	On Schedule	Substantial Completion Date:	08/17/2020
		Construction Work Completed:	95%

18-3234	Energy Consumption Reduction Project - WTAMU	\$	15,130,500
Ameresco			
Status:	Substantially Complete	Substantial Completion Date:	05/27/2020
		Construction Work Completed:	100%
20-3256	TVMDL - Canyon Facility	\$	17,600,000
J. T. Vaughn Construction, LLC			
Status:	On Schedule	Substantial Completion Date:	08/17/2020
		Construction Work Completed:	95%

College Station, TX

01-0240	Board of Regents Annex Renovation	\$	3,005,000
J. T. Vaughn Construction, LLC			
Status:	On Schedule	Substantial Completion Date:	08/13/2020
		Construction Work Completed:	80%
02-3220	Storm Water System Improvements	\$	11,430,000
Larry Young Paving, Inc.			
Status:	Warranty	Substantial Completion Date:	06/09/2020
		Construction Work Completed:	100%
02-3236	21st Century Classroom Building	\$	85,000,000
J. T. Vaughn Construction, LLC			
Status:	Substantially Complete	Substantial Completion Date:	06/29/2020
		Construction Work Completed:	99%
02-3254	Polo Garage	\$	78,367,296
SpawGlass Construction, Inc.			
Status:	On Schedule	Substantial Completion Date:	11/23/2020
		Construction Work Completed:	81%
02-3274	Swimming & Diving Expansion	\$	8,381,113
Dudley Construction			
Status:	On Schedule	Substantial Completion Date:	10/23/2020
		Construction Work Completed:	60%
02-3276	HVAC Replacment Dunn Hall	\$	15,194,130
HOAR Construction			
Status:	On Schedule	Substantial Completion Date:	07/31/2020
		Construction Work Completed:	95%
02-3277	West Campus Dining Facility	\$	15,000,000
Jordan Foster Construction LLC			
Status:	On Schedule	Substantial Completion Date:	06/25/2021
		Construction Work Completed:	8%
02-3278	Peterson Building Renovation	\$	26,000,000
Bartlett Cocke General Contractors			
Status:	On Schedule	Substantial Completion Date:	04/01/2021
		Construction Work Completed:	24%
09-3257	Water Wastewater Treatment System Expansion	\$	11,045,770
AECOM			
Status:	On Schedule	Substantial Completion Date:	04/30/2021
		Construction Work Completed:	5%

Commerce, TX

21-3186	Nursing & Health Sciences Building	\$	54,000,000
BE&K Building Group			
Status:	Building Occupied	Substantial Completion Date:	01/31/2020
		Construction Work Completed:	99%

Houston, TX

23-3258	En/Health Building Renovation	\$	87,318,000
J. T. Vaughn Construction, LLC			
Status:	On Schedule	Substantial Completion Date:	09/21/2020
		Construction Work Completed:	96%

San Antonio, TX

25-3255	Academic and Administration Building - Phase I	\$	30,000,000
SpawGlass Construction, Inc.			
Status:	Substantially Complete	Substantial Completion Date:	07/13/2020
		Construction Work Completed:	100%

Total of Projects in Construction	\$	603,121,814

Private Development:**Bryan, TX**

01-3285	Data Center	\$	150,000,000
01-3286	Commercial Office Building	\$	17,000,000
01-3287	Student Support Building	\$	12,000,000

Canyon, TX

18-3332	WTAMU Hotel Development	\$	10,000,000

College Station, TX

01-3333	Magnolia	\$	-
02-0242	Parking and Utility Improvements for Easterwood Airport	\$	200,000
02-3165	Century Square	\$	355,000,000
02-3289	Intergenerational Living Center	\$	35,000,000
02-3290	Brookshire Brothers Development	\$	14,000,000
02-3312	Gate 12	\$	1,200,000
02-3325	Jon L. Hagler Center Renovation - Garden Level Expansion	\$	2,892,000
02-3329	Aggie Park	\$	25,000,000

Commerce, TX

21-3292	Development Tract (~8 acres at corner of Culver and Hwy 24)	\$	10,000,000

Dallas, TX

23-3328	Dentistry Development Tract	\$	30,000,000

Houston, TX

23-3293	TAMU Health Plaza	\$	401,000,000

Prairie View, TX

05-3283	PVAMU Phase 9 Student Housing	\$	41,000,000
05-3335	50 Acre Development Tract	\$	80,000,000
Total of Private Development Projects		\$	1,104,292,000

THE TEXAS A&M UNIVERSITY SYSTEM

Office of the Board of Regents

Office of the Chancellor

August 3, 2020

Members, Board of Regents

The Texas A&M University System

Subject: Adoption of a Resolution Honoring the Memory of The Honorable John C. Otto for His Extraordinary Contributions to The Texas A&M University System and the State of Texas

Approval by the Board of Regents of the following resolution honoring the memory of The Honorable John C. Otto is recommended:

“WHEREAS, Mr. John C. Otto grew up in Dayton, Texas and, after graduating from Dayton High School in 1966, enrolled at Texas A&M University, graduating with a Bachelor of Business Administration accounting degree in 1970. After graduation, Mr. Otto was commissioned as a second lieutenant in the United States Army at Fort Benjamin Harrison; and

WHEREAS, Mr. Otto, during his senior year at Texas A&M University, was selected head drum major of the Fightin’ Texas Aggie Band, and was president of the Texas Aggie Band Association, and in December 1969, prior to his last semester at Texas A&M University, married his childhood sweetheart, the former Nancy Whitman, and became the proud father of two sons, Bryan Otto and Jason Otto, and devoted grandfather to three grandchildren; and

WHEREAS, Mr. Otto was a certified public accountant for over 40 years, owning a private practice in Dayton until retiring from the business in 2012, and prior to his election to the Texas House, served as a member of the Dayton City Council, the Dayton ISD Board of Trustees, the Liberty County Central Appraisal District Board of Directors, the Dayton Chamber of Commerce and the Dayton Community Development Corporation; and

WHEREAS, Mr. Otto was elected to six terms in the Texas House of Representatives, from 2005 until January 9, 2017, representing House District 18, and in 2005 was named “Freshman of the Year” by the House Republican Caucus, “Rookie of the Year” by Texas Monthly magazine, and “Most Valuable Freshman” by Capitol Inside, and was named to Texas Monthly’s “Ten Best Legislators” list in 2009 and 2015, and in 2011 was the recipient of the “Citizen of the Year” award from the Liberty-Dayton Area Chamber of Commerce; and

WHEREAS, Mr. Otto, in 2008 as the chairman of the House Select Committee on Property Tax Relief and Appraisal Reform, was instrumental in authoring and securing passage of property tax reforms, which earned him the “Legislative Achievement Award” from the Texas Taxpayers and Research Association, and having also served as vice chairman of the House Ways and Means Committee and Budget Conference committees; and

WHEREAS, Mr. Otto was a fierce champion for over a decade for local CASA programs, authoring HB2, the state Supplemental Appropriations Bill, supporting a \$4.8 million increase in CASA funding as chair of the House Appropriations Committee; and

WHEREAS, Mr. Otto, after beginning his service on the House Appropriations Committee in 2007, achieved his lifelong goal of being selected to serve as chair of the Committee, where he

August 3, 2020

presided over the creation of a responsible and more transparent budget that recognized and funded the needs and demands of a growing state, and worked to improve the lives of all Texans; and

WHEREAS, Mr. Otto initiated and established, through the budget process, the Texas Research University Fund to provide performance-based support for the state's public national research universities, which currently provides over \$147 million in the biennium in support for Texas A&M University and the University of Texas at Austin; and

WHEREAS, Mr. Otto continued his service to the state of Texas, accepting a position with The Texas A&M University System as the Assistant Vice Chancellor and Director of Local Government Relations, serving in this position since 2016, and in this position he played a critical role in several key Texas A&M University System initiatives in the 2019 session, including \$55 million in student equity support for Texas A&M University, \$50 million in funding for the Innovation Proving Ground at RELIS for Army Futures Command, and backing for the Texas A&M University at Galveston Pelican Bridge Project; and

WHEREAS, Mr. Otto's accomplishments as a legislator and his commitment as an employee of The Texas A&M University System to support the core mission of teaching, research and service of all Texas A&M University System entities are unparalleled; now, therefore, be it

RESOLVED, that The Texas A&M University System is proud to recognize Mr. John C. Otto as a transformative leader for Texas who improved the lives of countless Texans and their families; and, be it, further

RESOLVED, that in honor of a man *tough enough, proud enough and good enough to be a "Noble Man of Kyle,"* that the Fightin' Texas Aggie Band head drum major mace be dedicated to and permanently named the John C. Otto '70 Head Drum Major Mace; and, be it, further

RESOLVED, that this resolution be included in the minutes, and official copies thereof be signed by the Chairman of the Board of Regents of The Texas A&M University System, and be presented to his wife, Mrs. Nancy Otto, and to the Archives of The Texas A&M University System as a permanent mark of the respect of this Board of Regents for the late John C. Otto's lifetime of dedicated service and the impact he had on Texas and its people, and as a token of this Board of Regents' sympathy in his family's great loss.

ADOPTED, this 20th day of August 2020."

Respectfully submitted,

[ORIGINAL SIGNED BY]

Elaine Mendoza
Chairman, Board of Regents

[ORIGINAL SIGNED BY]

John Sharp
Chancellor

Approved for Legal Sufficiency:

[ORIGINAL SIGNED BY]

Ray Bonilla
General Counsel

Agenda Item No. 5.2

AGENDA ITEM BRIEFING

Submitted by: Billy Hamilton, Deputy Chancellor and Chief Financial Officer
The Texas A&M University System

Subject: Approval of the Community Report: Progress Update, Reflections and Updates
to the Strategic Plan

Proposed Board Action:

Approve the Community Report for The Texas A&M University System 2016-2021 Strategic Plan.

Background Information:

In November 2016, the Board of Regents approved The Texas A&M University System 2016-2021 Strategic Plan. The plan was consistent with the mission of The Texas A&M University System (A&M System) to provide education, conduct research, commercialize technology, offer training, and deliver services for the people of Texas and beyond. The Community Report provides an assessment of the strategic plan progress over the past four years. The assessment of the strategic plan progress also allowed the opportunity to reflect on the plan's ambitions, amend the plan for the future and document how the plan can be used to further achieve the goals of the A&M System.

A&M System Funding or Other Financial Implications:

Not applicable.

Strategic Plan Imperative(s) this Item Advances:

The report examined all strategic imperatives and determined the "plan's imperatives and its metrics of success have propelled the A&M System forward, establishing an enduring strategy focused on serving the state of Texas and its people."

Agenda Item No. 5.2

THE TEXAS A&M UNIVERSITY SYSTEM
Office of the Deputy Chancellor and Chief Financial Officer
July 31, 2020

Members, Board of Regents
The Texas A&M University System

Subject: Approval of the Community Report: Progress Update, Reflections and Updates to the Strategic Plan

I recommend adoption of the following minute order:

“The Board of Regents of The Texas A&M University System approves the Community Report: Progress Update, Reflections and Updates to the Strategic Plan, as shown in the attached exhibit.”

Respectfully submitted,

[ORIGINAL SIGNED BY]

Billy Hamilton
Deputy Chancellor and
Chief Financial Officer

Approval Recommended:

[ORIGINAL SIGNED BY]

John Sharp
Chancellor

Approved for Legal Sufficiency:

[ORIGINAL SIGNED BY]

Ray Bonilla
General Counsel



THE TEXAS A&M
UNIVERSITY SYSTEM

ATTACHMENT TO ITEM 5.2

The Texas A&M University System Board of Regents

COMMUNITY REPORT:
Progress Update, Reflections and
Updates to the Strategic Plan



August 2020





Contents

I. Our Strategic Plan Progress	4
II. Our Reflections on the Plan’s Ambitions.....	12
III. Our Revisions for the Future	14
IV. How We Will Use the Plan in the Future	15



Dear Members of The Texas A&M University System Community:

It has been four years since we revealed the strategic plan for The Texas A&M University System in 2016. This report allows us to (1) pause and assess our strategic plan progress to date, (2) reflect on the plan's ambitions, (3) amend the plan for the future so we can continue to grow and (4) document how we will use the plan to achieve our goals going forward. We are excited about the opportunity to evaluate our progress and share both how much we've accomplished as a System over the past four years and where we still need to improve.

The 2019–2020 academic year brought the unprecedented challenge of the COVID-19 pandemic. Our System showed resolve and resilience in responding to the events surrounding the pandemic, making difficult decisions guided by our unwavering commitment to serve the state of Texas and the world. Our response to the pandemic is a testament to our ability to innovate and overcome complex challenges – both of which are integral to the vision of our System. The COVID-19 pandemic has also reinforced the importance of strategic planning to the preservation of our System. Our commitment to planning before this crisis allowed us to ask the right questions, develop the correct tools and make the necessary investments to move quickly and effectively to serve the state of Texas and the United States when challenges arise. Together, we must continue to learn from COVID-19 as a community.

After reviewing our progress against the plan, we are proud of the tremendous improvement we've made executing our current, ambitious strategic plan to provide quality education, conduct leading academic research, and deliver services and training to the people of Texas and beyond. As we consider the objectives of our current strategic plan and how to maintain this momentum, it is clear we started with an enduring strategy focused on achieving the most important goals of a land-grant institution. Given the solid foundation our plan provides, we will continue to build upon it, pushing toward broadening our impact. In addition to our progress on key initiatives in the plan, we have also had notable successes in areas that go beyond our strategic plan, such as Los Alamos National Laboratory and Army Futures Command. As a result, we will continue to raise expectations for our System and seek new opportunities that demonstrate our capability to innovate on a national level and address important global issues. We are confident that the strategic plan, with its revisions, will continue to guide us in the right direction.

The outlined revisions to our strategic plan are the product of a long process. Using the data about our progress to date on our key initiatives and incorporating perspectives from the Board of Regents and System leadership, the revised plan is designed to position System and member institution leadership to execute an even bolder vision for the future by revising segments from our current imperatives and adding new imperatives that are essential to our institutions. Revisiting the plan in this way is further evidence that the Board of Regents views our strategic plan as a living document that we are committed to monitoring and adjusting as needed. The Board of Regents and System leadership will continue our commitment to transparency, constantly measuring and sharing our progress, failures and successes, but we will also be flexible in our execution to adjust course as needed.

If one thing is certain, it is that we could not have made this extraordinary progress without your support. We will continue to do this together, and together we will ensure the continued success of our System.

Sincerely,

Elaine Mendoza
Chairman, Board of Regents

John Sharp
Chancellor

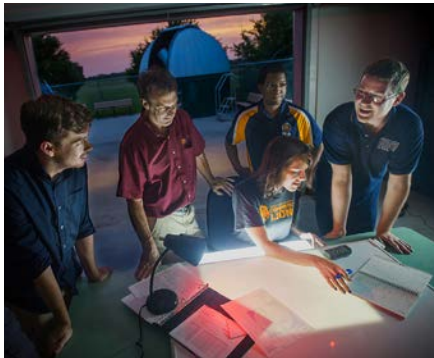


I. Our Strategic Plan Progress

In 2016, we introduced an ambitious strategic plan to guide our 11 universities and seven agencies (now eight agencies, with the addition of the Texas Division of Emergency Management (TDEM) in September 2019). The plan was consistent with our mission to **provide education, conduct research, commercialize technology, offer training, and deliver services for the people of Texas and beyond through our universities and state agencies**. In very real terms, the plan intended to establish the A&M System as the system of choice for students, employers, faculty, staff, and research funders in the state of Texas by working toward the following **six imperatives**:

Our Strategic Imperatives

1. **All qualified students will find a place in the A&M System and will have an array of pathways to pursue their ambitions and interests.** We will develop a coordinated recruitment and admissions strategy for the A&M System and create coherent pathways among institutions.
2. **The A&M System will remain affordable and accessible.** We will continue to ensure our costs remain reasonable so that the cost of education does not become a barrier for Texans to access the A&M System.
3. **Our students will leave the A&M System as responsible and engaged citizens prepared for successful careers in an increasingly global economy.** Our member institutions will develop the educational experiences, experiential opportunities and service opportunities our students need to succeed post-graduation in a global economy.



4. **The A&M System will increase its prominence by building a robust and targeted research portfolio.** We will continue to encourage cross-institution and cross-discipline collaboration, and we will support our member institutions in their research pursuits, including obtaining Emerging Research University status.
5. **The A&M System will provide services that respond to the needs of the people of Texas and contribute to the strength of the state's economy.** We will continue to address the needs of Texas and utilize technology to reach citizens in new ways.
6. **The A&M System, in adhering to the high standard of excellence and growth required in this strategic plan, will display prudent financial stewardship and sustainability.** Our member institutions will be diligent about their plans for growth, and the A&M System will ensure financially sound decision-making at the aggregate level. We have robust financial management capabilities in place and will continue to manage the A&M System's financial health in a holistic manner.

The plan's imperatives and its metrics of success have propelled the A&M System forward, establishing an enduring strategy focused on serving the state of Texas and its people. For this reason, we believe that we focused on the correct priorities four years ago. Given our continued commitment to these imperatives, we recognize the importance of communicating our progress. Important accomplishments have been achieved within each of the plan's imperatives. Our successes are significant because they demonstrate the breadth and depth of the A&M System's efforts. Equally as important is recognizing that more progress remains to be made on some measures of success, which we are also focused on highlighting. The remainder of this section highlights the progress we've made, identifying areas where we plan to continue improving.

**From 2014 to 2018, total admissions yield decreased about
3% each year across the System.**

1. **All qualified students will find a place in the A&M System and will have an array of pathways to pursue their ambitions and interests.** The A&M System continues to recruit, admit, and educate qualified Texans. Over the past four years, the System has become a home for more Texans: System enrollment has grown 1.8 percent each year, allowing us to capture a greater share of Texas higher education enrollment. This success has been achieved while also raising the overall quality of admitted students. Our focus on Texas students finding a home within our System will continue as we work to increase our yield of qualified applicants, including our share of the top 10 percent of Texas high-school graduates.



- Admissions yield decreased variably at each member institution; College Station had the smallest decrease (1 percent each year), with about 45 percent of admitted students enrolling in 2018. This places us slightly behind The University of Texas (UT) System and all Texas four-year public universities, which experienced a 2 percent average decrease in admissions yield each year from 2014 to 2018.¹ Reaffirming our commitment to making our System the system of choice for Texans, we plan to address the growth of campuses outside College Station and improve the pathways between System schools. This effort will focus on making the A&M System more attractive to Texas students, and, by default, increase yield System-wide.
- The System has increased its share of total Texas higher education enrollment. Since 2014, **the A&M System's share of Texas postsecondary enrollment has grown approximately 2 percent annually.** Due to this progress, one-fifth of Texas high-school students who enroll in either major Texas systems or private institutions choose the A&M System.
- The A&M System's share of the top 10 percent of Texas high-school graduates decreased from 33.9 percent in 2014 to 31.7 percent in 2018. In the same four-year period, the System's share of Texas high-school students who are in the top 10 percent of SAT scores increased from 20.3 percent to 21.2 percent. We remain committed to recruiting and admitting the most qualified Texas students, understanding that student quality is multifaceted and should not be limited only to high-school rank or test scores. We are proud to be part of a land-grant tradition and are fully focused on putting higher education within the reach of all Texas citizens.

Other notable progress:

- The Craig and Galen Brown Foundation and Merit Scholarship program is ranked highly for the A&M System. Since 1992, the Brown Foundation has awarded over 400 scholarships to Texas A&M's top incoming freshmen. In 2017, the Brown Foundation celebrated its 25th anniversary with an event celebrating former Brown Scholars and its 119 current Brown Scholars.
- We are committed to increasing System-wide enrollment. This strategic plan update will challenge member institutions to refine their growth goals so that we can build a strategy to support long-term System growth.
- The System-wide acceptance rate decreased 1 percent each year from 2014 to 2018. In the same period, the UT System and statewide four-year public institutions experienced a 2 percent and 1 percent average increase in their acceptance rate each year, respectively.² Nevertheless, in 2018, the A&M System accepted most applicants (72 percent), highlighting our commitment to serve the state of Texas and educate all qualified Texans.

¹The average annual change in admissions yield was calculated using publicly available Integrated Postsecondary Education Data System (IPEDS) data for the UT System and all Texas four-year public universities.

²The average annual change in acceptance rate was calculated using publicly available IPEDS data for the UT System and all Texas four-year public universities.

2. **The A&M System will remain affordable and accessible.** Over the past four years, the A&M System has made remarkable strides in cultivating a more diverse student body while remaining affordable in the state of Texas. We understand that to create equal opportunities for all Texas students we need to increase access and strengthen student support systems. Our focus on ensuring the affordability and accessibility of our System empowers and engenders an inclusive community and will continue in the years ahead.

- The total number of first-generation undergraduate students increased 5 percent each year from 2014 to 2018. Along the same line, Pell Grant recipient enrollment increased by about 2 percent each year from 2014 to 2018. This progress is a testament to the A&M System's commitment to remain accessible to all students regardless of cultural or socioeconomic backgrounds.
- The A&M System is also serving a more racially diverse student body. Underrepresented minority enrollment increased by about 2 percent annually from 2014 to 2018, growing in line with overall demographic shifts in Texas.
- Undergraduate students are also graduating faster, boosting A&M System affordability. We were able to reduce the average time it takes undergraduate students to earn a bachelor's degree across the System by 4 percent from 2014 to 2018, indicating that more undergraduate students are finishing their degrees closer to four years. We take our responsibility to help students plan an efficient path to graduation seriously because we know that failing to do so makes the cost of higher education more burdensome for Texas families and the state of Texas.

32% of first-generation students
in the overall System student body



System-wide total enrollment
increased

+2% EACH
YEAR

driven primarily by System-wide
application growth of

+6% FROM 2014
TO 2018

Annual application growth of our
regional universities

6.6%

was almost double that of
College Station

4%

A&M System enrollment lagged
that of the UT System, but was in
line with Texas public institutions,
which also grew at

+2% PER
YEAR

Student SAT scores **increased**
across all campuses from
2014 to 2018

System-wide median 75th
percentile SAT score improved

9%

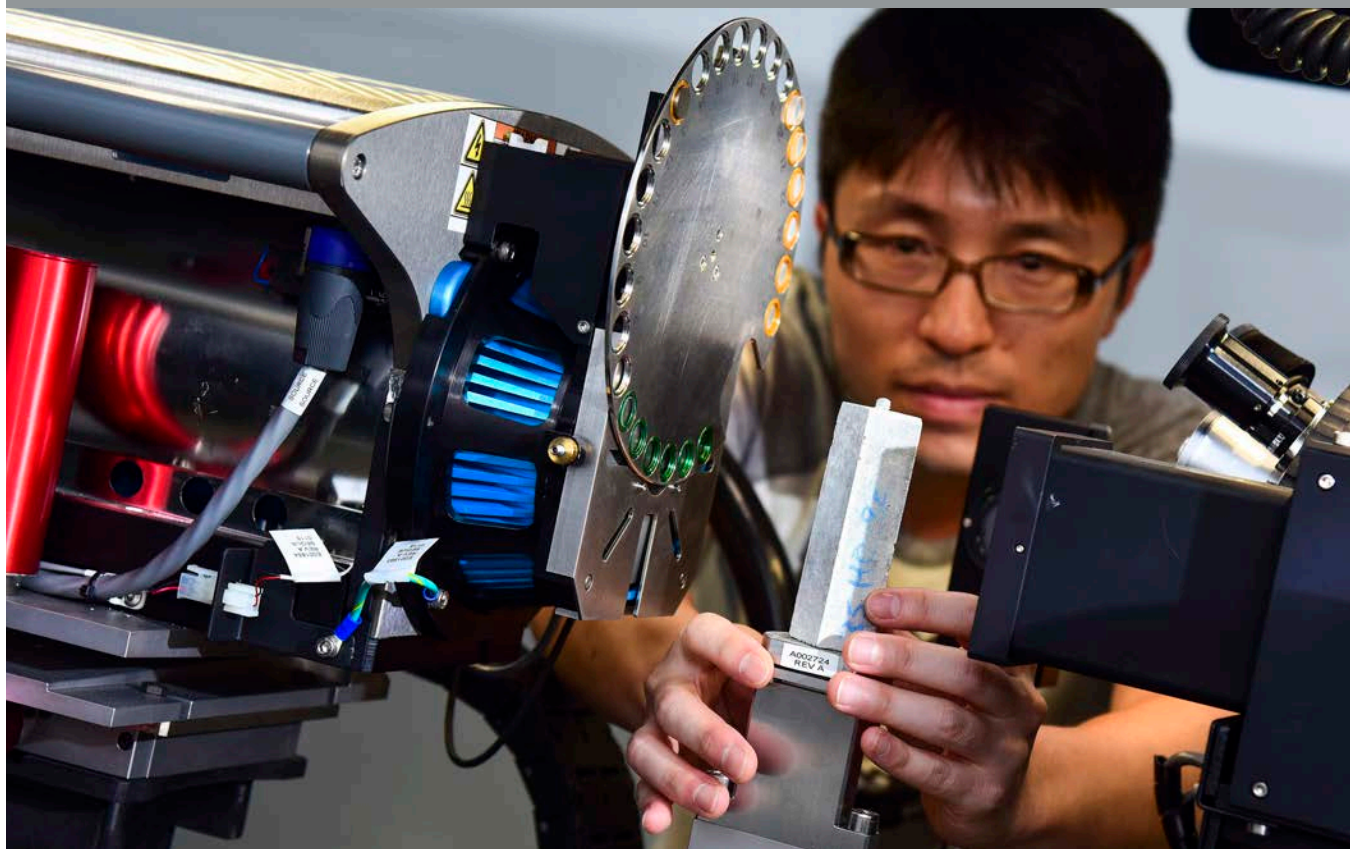
These improvements underscore
that the quality of our System has
improved as we work to educate
more Texans

System-wide median 25th
percentile SAT score improved

14%



- The A&M System has remained affordable relative to median Texas family incomes. In 2014, the median ratio of student debt to family income was about 53 percent across the System. While median student debt stayed constant from 2014 to 2016, median income for Texas households increased. Overall, this decreased student debt to median income by 3 percent from 2014 to 2016. We are acutely aware of the growing burden that student debt represents for students, and we have made extraordinary efforts to do our part to lessen this burden for Texas families.
 - In June 2020, The Texas A&M University System Board of Regents created a **\$100 million scholarship fund** with the goal of making the A&M System's 11 universities better reflect the state's demographics. The scholarship program aims to support students who are racially diverse, first-generation, and/or from low-income families in the wake of economic uncertainty associated with COVID-19.
3. **Our students will leave the A&M System as responsible and engaged citizens prepared for successful careers in an increasingly global economy.** It is the System's hope that students grow intellectually and personally in a way that allows them to make great contributions to the state of Texas and the world at large. Over the past four years, we continued to see students succeed in the System, with a higher percentage of them graduating in four years. A&M System students also appear to be moving on to jobs at a strong rate, demonstrating that our students are graduating prepared to make a real-world impact.
- The A&M System has prioritized strong student support systems to ensure that students stay in the System until graduation and, when possible, graduate on time. Freshman students are the most likely to drop out, so we are proud that from 2014 to 2018 **A&M System median first-year persistence rates increased by 1 percent**. Additionally, **the six-year graduation rate improved by 2 percent to 50 percent** across the System from 2014 to 2018. Graduation rates vary by campus; in 2018, 86 percent of students in College Station graduated in six years compared to 49 percent of students at our regional universities.
 - College Station graduate salaries exceed statewide university averages by an increasing amount over time; College Station students earn an average of \$5,600 more at the first year following graduation, \$9,000 more at the third year, and \$12,200 more at the fifth year. We remain committed to raising the specialization and performance of all our campuses so that all A&M students are ready to take on the job market and contribute to the Texas economy as well as the global economy.



Other notable progress:

Student experience, as measured in part by the student-to-faculty ratio, has improved. Public data suggests that the College Station ratio has stayed constant during this time, much like other member institutions. The System plans to address growth across campuses to ensure that student experience is equally positive and fulfilling across all System universities.

4. **The A&M System will increase its prominence by building a robust and targeted research portfolio.** The A&M System continues to deliver impactful research that improves society at a community, state, national and global level. The A&M System is now the largest research institution in the southwest United States, ranked above all other Texas institutions in total research expenditures, and ranked in the top 20 research universities nationally. Efforts to grow research expenditures, research volume and distinguished faculty members, coupled with a commitment to leverage A&M System resources to capture true multidisciplinary research opportunities, position the A&M System to bring great benefits to the state of Texas and the world at large.
 - **Total System-wide research expenditures grew about 2 percent each year from 2014 to 2018.** This momentum resulted in research expenditures exceeding \$1 billion in 2018 – a landmark moment for the A&M System. The System has made significant investments to ensure it stays a national and international leader in research going forward.

88%

of students who start their education at a Texas A&M institution continued to a second year of enrollment

19:1

student-to-faculty ratio in 2018



\$1 Billion

research spending in 2018

The A&M System received

50

national academy members
in FY 18, up from

37

members in FY 16

+480

computer science degrees (217
A&M group³ and 264 regional
universities)

+1,400

engineering degrees (891
A&M group and 522 regional
universities)

+50

math degrees (50 A&M group and
4 regional universities)

- In 2018, about 50 percent of the over 6,300 research proposals submitted were awarded, resulting in an award amount of about \$746 million across the System.
 - The rising prominence of the A&M System's research portfolio can also be seen through the growing number of distinguished faculty members. This progress is evidence that our faculty members' research is having global-scale impacts and raising the prominence of our System.
 - Among the criteria for a university to be considered an Emerging Research University is to award 30 or more Ph.D. degrees annually for two consecutive years. In fiscal year (FY) 2019, Texas A&M University-Corpus Christi made strong progress toward this designation by awarding 27 Ph.D. degrees in FY 2016, up from 15 in FY 2014. We are proud of A&M-Corpus Christi's efforts and will continue to encourage other member institutions to offer the highest academic degrees to our students.
5. **The A&M System will provide services that respond to the needs of the people of Texas and contribute to the strength of the state's economy.** The A&M System was designed to prepare educated problem solvers to lead the state's economic and social development. This fundamental mission, born out of the land-grant heritage of service, remains today. We continue to respond to this mission by granting more degrees in critical fields for the state and prioritizing the work of our eight state agencies that help solve important problems, ranging from protecting natural resources to implementing emergency management programs.
- To help meet the state's critical need, the A&M System takes seriously our responsibility to strengthen the pipeline of students pursuing degrees in computer science, engineering, math and physical science. In 2018, we granted about 7,000 degrees in these four fields combined. From 2014 to 2018, we increased the number of degrees granted in computer science, engineering, and math.

³The A&M group refers to the College Station campus, the Galveston campus, and the Health Science Center.

- The A&M System also increased the number of contact hours and services provided by our service-oriented agencies. From 2014 to 2018:

Texas A&M AgriLife Extension	Provided about 459,000 additional teaching hours in the areas of agriculture and environmental stewardship to the people of Texas
Texas A&M Forest Service	Provided about 192,000 additional hours to ensure the state's trees, forests and related natural resources are protected and sustained, despite decreasing the number of services it provides Texas
Texas A&M Engineering Extension Service	Provided about 4,000 additional emergency response hours to aid disasters across the state and the nation, and added about 45,000 services focused on developing training and practical workforce solutions
Texas A&M Veterinary Medical Diagnostic Laboratory	Provided about 110,000 additional test samples to promote and protect animal health and public health in Texas

6. **The A&M System, in adhering to the high standard of excellence and growth required in this strategic plan, will display prudent financial stewardship and sustainability.** The future success of our System depends on our commitment to managing our resources responsibly and sustainably. We strive to be good stewards of the funds we have been given, and we continue to support and grow our ambitions while maintaining healthy financials and expanding our donor base.
- A Composite Financial Index (CFI) score⁴ of 3.0 or greater is considered satisfactory financial condition. At 5.6, our academic CFI combined score remains healthy. This score indicates that the A&M System continues to see strong financial health and can weather financial difficulties and/or invest in new programs and activities despite the challenging environment facing higher education institutions.
 - Having sufficient reserves is vital because they produce income that enables our campuses to launch projects that might otherwise be difficult to fund. **In 2018, our System had an average of approximately three months of reserves.** Given the uncertainty caused by the global pandemic, we challenge System institutions to assess their reserves and determine whether they are appropriate.
 - **The median administrative cost ratio⁵ across all A&M System campuses was approximately 9 percent in 2018.** The A&M group median ratio was about 5 percent, while the regional university median ratio was in line with the System-wide median.
 - The System expects about a 9 percent three-year return on investable assets.

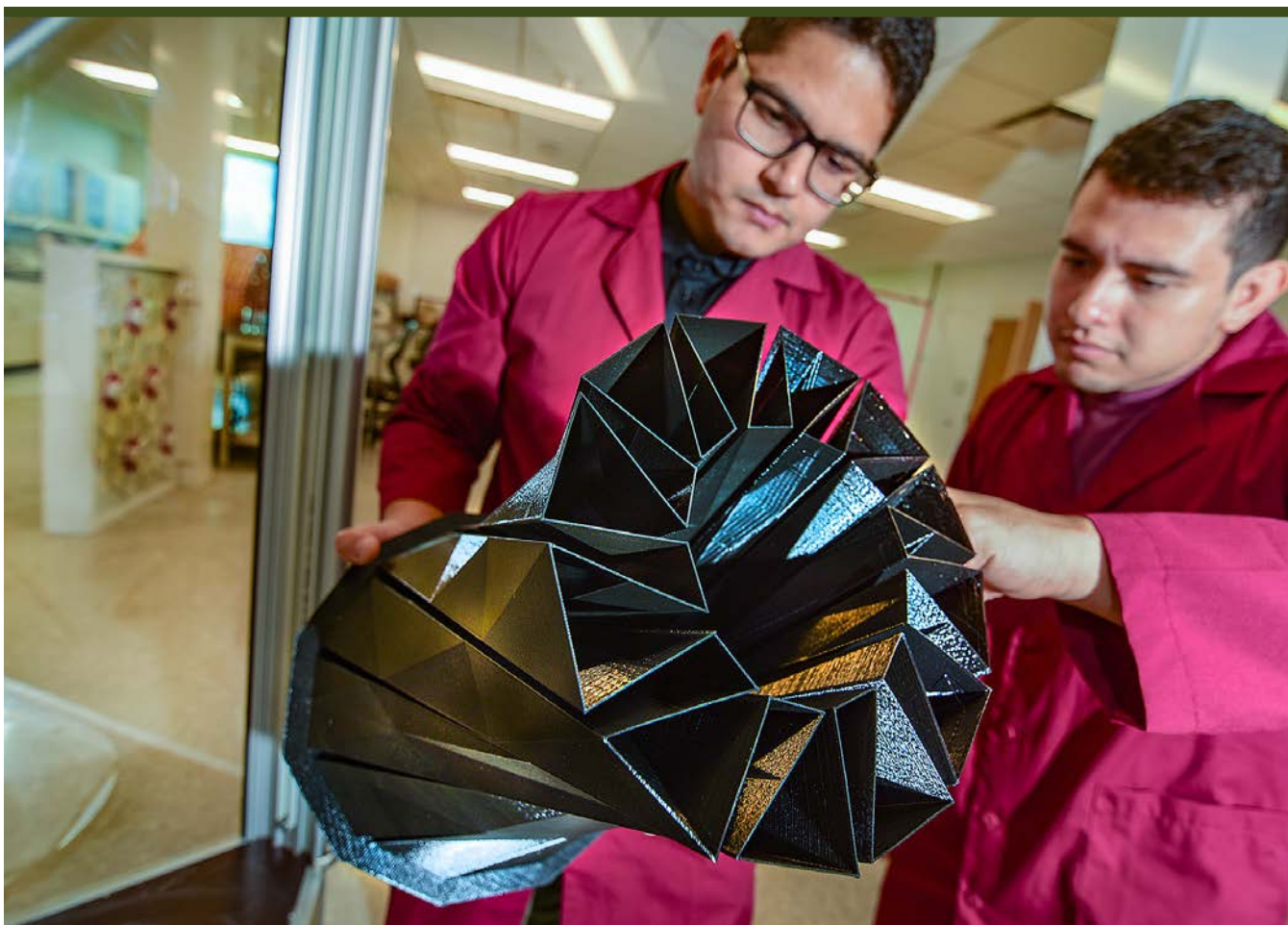
From 2014 to 2018, the Texas A&M Foundation increased donations by over

\$100 Million

and expanded its donor base by 2,700 donors

⁴The CFI is one tool used across the industry to help assess the overall financial health of an institution by blending primary reserve ratio, viability ratio, return on net position, and net operating ratio.

⁵The administrative cost ratio is defined as Institutional Support / (Total Operating Expenses – Auxiliary Operating Expenses).



II. Our Reflections on the Plan's Ambitions

As we reflect on the ambitions of our current strategic plan and how to maintain our momentum, it is increasingly clear our existing plan is strong and focused on the most important priorities. The A&M System has leveraged this plan to commit to the right imperatives and track progress with the correct metrics that have driven success for the System and the state of Texas in recent years.

However, since 2016, the System has grown in ways the plan could have never anticipated. The current plan does not fully account for successes, such as Army Futures Command, Los Alamos National Laboratory and the RELIS Campus. These triumphs require taking opportunistic, but well-informed, big bets that reflect our capability to innovate on a national and global level. These investments position the A&M System well to address the unprecedented challenges of the COVID-19 pandemic. Our existing investments in infrastructure will allow the System to continue its unwavering commitment to serve the state of Texas and the United States more broadly to support development and manufacturing of the testing equipment and vaccinations needed to fight this pandemic.

Army Futures Command	In October 2019, the A&M System announced a cooperative Agreement with the Army Futures Command that will provide up to \$65 million over five years to Texas A&M, supporting research into new technologies to help the Army Futures Command modernize the nation's fighting force.
Los Alamos National Laboratory	In June 2018, Texas A&M was one of the parties awarded a five-year contract to manage and operate Los Alamos National Laboratory, a prominent federal laboratory facility in New Mexico that employs more than 11,000 individuals and houses radioactive and weapons-grade nuclear materials. Los Alamos is one of the largest laboratories in the United States, and this partnership allows the A&M System to deepen its highly technical expertise and support for critical research tied to our national security.
RELLIS Campus	In 2016, the A&M System announced it would rename and transform a 1,900-acre campus to a state-of-the-art training facility and research hub for the technology, engineering and telecommunications industry. The RELLIS Campus facilities will be a leader in the development, testing and evaluation of next-generation transportation and engineering technologies.
Texas Medical Center	The A&M System is currently building a half-billion-dollar complex at the Texas Medical Center to house its groundbreaking Engineering Medicine Program and provide housing for medical and nursing students in Houston. This is the largest recent development project in the city of Houston, a testament to Texas A&M's rising prominence in the area and its dedication to meeting the medical needs of Texans.
Texas A&M AgriLife	Texas A&M AgriLife is the nation's largest comprehensive agriculture program. It partners with the U.S. Department of Agriculture, the National Institutes of Health and the state of Texas to conduct world-class research.
Bush School of Government and Public Service	The Bush School of Government and Public Service has become a leading public and international affairs graduate institution, ranking in the top 10 percent of graduate public affairs schools in the nation.
Texas Division of Emergency Management	In September 2019, Texas state law placed TDEM under the A&M System. This move came after the A&M System effectively led in rebuilding Texas after Hurricane Harvey. Adding an eighth state agency has allowed the System to take on a greater role supporting the state of Texas in disaster management. TDEM is leading efforts across the state to increase production of personal protective equipment and expand COVID-19 testing sites and other coronavirus-related responsibilities, helping the state effectively work toward reopening.

Given these unforeseen accomplishments, we must continue to raise expectations for our System and seek out opportunities that allow our growth to continue. **We plan to adjust two areas of the strategic plan to accommodate an even bolder vision of the future for the System.** To make this vision a reality, we will add the following two imperatives to the current strategic plan:

- **The A&M System will pursue pioneering/progressive opportunities to address national and global challenges.** We will focus on developing partnerships and innovating programs that will confront national and global problems by leveraging our experience from recent big bets that have increased our System's prominence. The System's prior investments in research position it well to support vaccine manufacturing to address the COVID-19 pandemic. The existing investments in infrastructure will allow the System to support development and manufacturing of the testing equipment and vaccinations needed to fight this pandemic.
- **The A&M System will build a strategy to sustain long-term System growth.** We will challenge member institution leadership to redefine their growth goals and empower them to place bets on what can drive growth in way that is sustainable for their campuses and the System more broadly. The Board of Regents will not dictate these growth goals. Instead, we will ask questions to ensure that member institutions have set growth plans and an established process to achieve their goals.

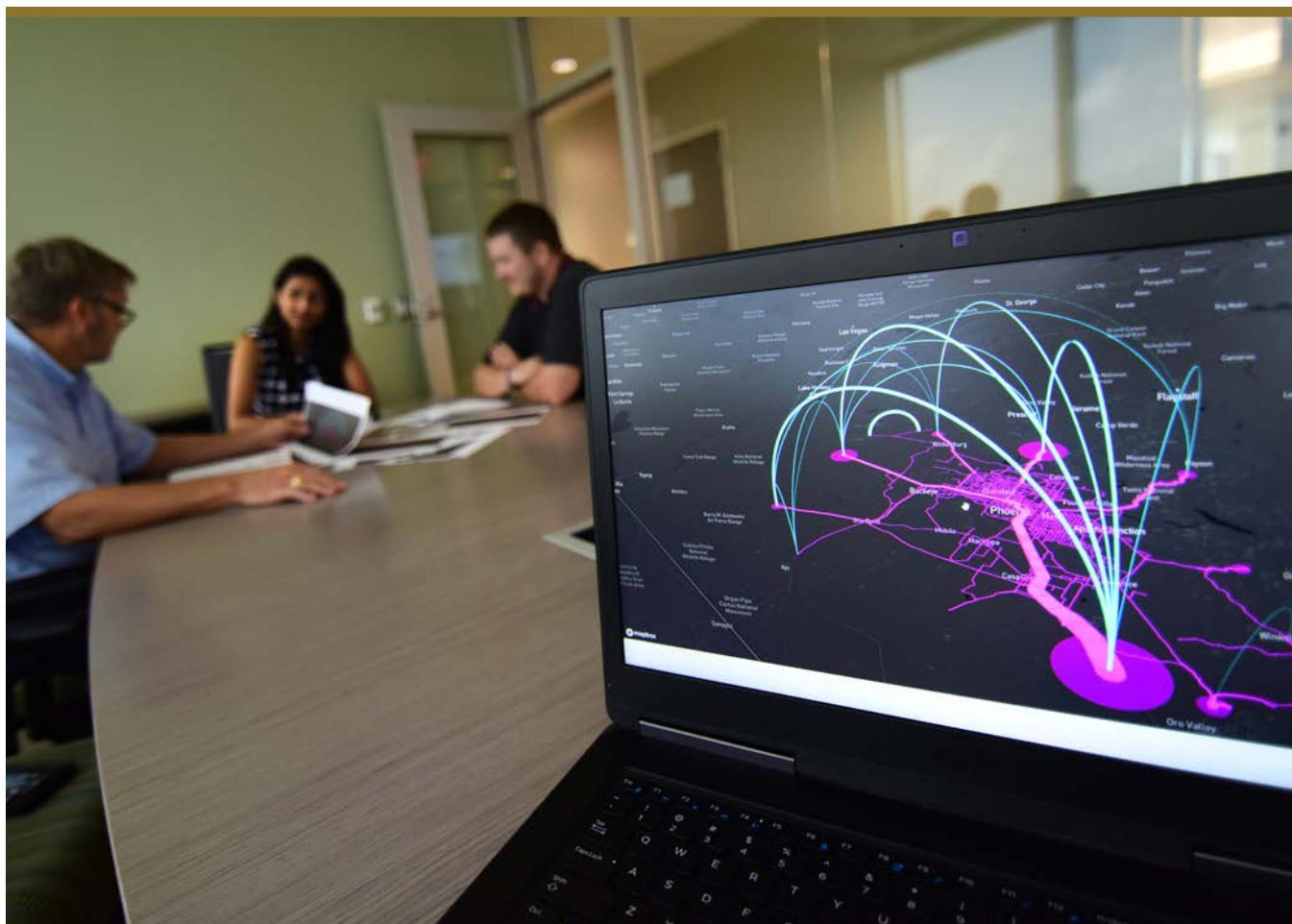
III. Our Revisions for the Future

The existing imperatives will remain largely intact, reaffirming the vision laid out in 2016. Nevertheless, the following revisions are offered to the current imperatives to ensure the A&M System continues to fulfill its mission in the foreseeable future:

1	All qualified students will find a place in the A&M System and will have an array of pathways to pursue their ambitions and interests.	• Leverage the A&M brand to create opportunities for more Texas students • Highlight strategic mobility pathways throughout the System that allow students to take advantage of the full A&M System network of schools
2	The A&M System will remain affordable and accessible.	• Add a measure of success: Total cost of attendance
3	Our students will leave the A&M System as responsible and engaged citizens prepared for successful careers in an increasingly global economy.	• Enhance the graduation rate metric by specifying that four- and six-year rates will be measured, and that the A&M System will remain compliant with all federally mandated reporting requirements • Clarify “responsible and engaged” citizens and identify appropriate metrics to better assess and track student success
4	The A&M System will increase its prominence by building a robust and targeted research portfolio.	• Clarify the research focus areas to address and impact national and global issues • Outline a clear set of campus-specific research priorities
5	The A&M System will provide services that respond to the needs of the people of Texas and contribute to the strength of the state’s economy.	• Identify appropriate metrics to better assess and track Texas impact
6	The A&M System, in adhering to the high standard of excellence and growth required in this strategic plan, will display prudent financial stewardship and sustainability.	• Establish a mechanism to monitor expense growth relative to revenues

As mentioned above, the System is also adding two additional imperatives designed to reflect desires to sustainably build upon its successes. The following are additional imperatives and measures of success for these imperatives:

7	The A&M System will pursue pioneering/ progressive opportunities to address national and global challenges.	• Focus on developing partnerships and innovating programs that will confront national and global problems by leveraging our experience from recent big bets that have increased our System’s prominence. Measures of success: • Defined national and global challenges that the A&M System is best positioned to solve • Pursuit of opportunities aligned to A&M System priorities and capabilities
8	The A&M System will build a strategy to sustain long-term System growth.	• Challenge member institution leadership to redefine their growth goals and empower them to place bets on what can drive growth in a way that is sustainable for their campuses and the System. Measures of success: • Clearly defined growth plans for each member institution • Enrollment-tracking at regional campuses according to identified growth plans for each campus • Retention rate at regional campuses • Identification of specialties within regional campuses

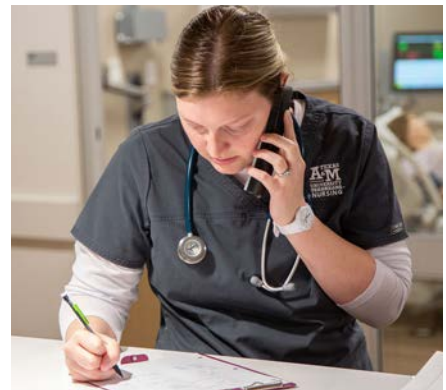


IV. How We Will Use the Plan in the Future

The Board of Regents will remain actively engaged in its governance role, helping System leadership set the broad direction of the System and accomplish the goals laid out in this plan. This plan does not outline specific strategies or tactics to pursue the revisions outlined previously. Rather, with this revised plan we intend to clarify our aspirations and expectations for the A&M System and member institutions. We recognize the importance of allowing A&M System and member institution leadership to use their thought leadership to continue to develop plans that leverage their unique strengths and contexts to achieve success for themselves and the System at large.

As Regents, we commit to ensuring this plan continues to serve as a living document to focus the System leadership's attention on the key imperatives that will improve the trajectory of the A&M System and the state of Texas. Regents will achieve this by:

- Keeping the plan central during Board of Regents meetings, allowing it to guide decision-making.
- Holding all System institutions accountable for reporting their progress relative to new and revised imperatives and metrics.
- Communicating progress toward executing imperatives and metrics more broadly to constituents.
- Updating the plan relatively quickly if, and when, change happens.



11 Universities



8 State Agencies



BOARD OF REGENTS

Elaine Mendoza

Chairman

San Antonio

Tim Leach

Vice Chairman

Midland

Phil Adams

Bryan/College Station

Robert L. Albritton

Fort Worth

Jay Graham

Houston

Michael A. “Mike” Hernandez III

Fort Worth

Bill Mahomes

Dallas

Michael J. Plank

Houston

Cliff Thomas

Victoria

Cahlen Cheatham

Student Regent

Stephenville



Agenda Item No. 5.2

AGENDA ITEM BRIEFING

Submitted by: Billy Hamilton, Deputy Chancellor and Chief Financial Officer
The Texas A&M University System

Subject: Approval of the Community Report: Progress Update, Reflections and Updates
to the Strategic Plan

Proposed Board Action:

Approve the Community Report for The Texas A&M University System 2016-2021 Strategic Plan.

Background Information:

In November 2016, the Board of Regents approved The Texas A&M University System 2016-2021 Strategic Plan. The plan was consistent with the mission of The Texas A&M University System (A&M System) to provide education, conduct research, commercialize technology, offer training, and deliver services for the people of Texas and beyond. The Community Report provides an assessment of the strategic plan progress over the past four years. The assessment of the strategic plan progress also allowed the opportunity to reflect on the plan's ambitions, amend the plan for the future and document how the plan can be used to further achieve the goals of the A&M System.

A&M System Funding or Other Financial Implications:

Not applicable.

Strategic Plan Imperative(s) this Item Advances:

The report examined all strategic imperatives and determined the "plan's imperatives and its metrics of success have propelled the A&M System forward, establishing an enduring strategy focused on serving the state of Texas and its people."

Agenda Item No. 5.2

THE TEXAS A&M UNIVERSITY SYSTEM
Office of the Deputy Chancellor and Chief Financial Officer
July 31, 2020

Members, Board of Regents
The Texas A&M University System

Subject: Approval of the Community Report: Progress Update, Reflections and Updates to the Strategic Plan

I recommend adoption of the following minute order:

“The Board of Regents of The Texas A&M University System approves the Community Report: Progress Update, Reflections and Updates to the Strategic Plan, as shown in the attached exhibit.”

Respectfully submitted,

[ORIGINAL SIGNED BY]

Billy Hamilton
Deputy Chancellor and
Chief Financial Officer

Approval Recommended:

[ORIGINAL SIGNED BY]

John Sharp
Chancellor

Approved for Legal Sufficiency:

[ORIGINAL SIGNED BY]

Ray Bonilla
General Counsel



THE TEXAS A&M
UNIVERSITY SYSTEM

ATTACHMENT TO ITEM 5.2

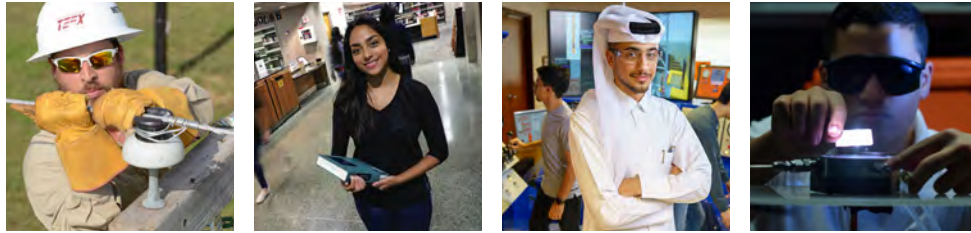
The Texas A&M University System Board of Regents

COMMUNITY REPORT:
Progress Update, Reflections and
Updates to the Strategic Plan



August 2020





Contents

I. Our Strategic Plan Progress	4
II. Our Reflections on the Plan's Ambitions.....	12
III. Our Revisions for the Future	14
IV. How We Will Use the Plan in the Future	15



Dear Members of The Texas A&M University System Community:

It has been four years since we revealed the strategic plan for The Texas A&M University System in 2016. This report allows us to (1) pause and assess our strategic plan progress to date, (2) reflect on the plan's ambitions, (3) amend the plan for the future so we can continue to grow and (4) document how we will use the plan to achieve our goals going forward. We are excited about the opportunity to evaluate our progress and share both how much we've accomplished as a System over the past four years and where we still need to improve.

The 2019–2020 academic year brought the unprecedented challenge of the COVID-19 pandemic. Our System showed resolve and resilience in responding to the events surrounding the pandemic, making difficult decisions guided by our unwavering commitment to serve the state of Texas and the world. Our response to the pandemic is a testament to our ability to innovate and overcome complex challenges – both of which are integral to the vision of our System. The COVID-19 pandemic has also reinforced the importance of strategic planning to the preservation of our System. Our commitment to planning before this crisis allowed us to ask the right questions, develop the correct tools and make the necessary investments to move quickly and effectively to serve the state of Texas and the United States when challenges arise. Together, we must continue to learn from COVID-19 as a community.

After reviewing our progress against the plan, we are proud of the tremendous improvement we've made executing our current, ambitious strategic plan to provide quality education, conduct leading academic research, and deliver services and training to the people of Texas and beyond. As we consider the objectives of our current strategic plan and how to maintain this momentum, it is clear we started with an enduring strategy focused on achieving the most important goals of a land-grant institution. Given the solid foundation our plan provides, we will continue to build upon it, pushing toward broadening our impact. In addition to our progress on key initiatives in the plan, we have also had notable successes in areas that go beyond our strategic plan, such as Los Alamos National Laboratory and Army Futures Command. As a result, we will continue to raise expectations for our System and seek new opportunities that demonstrate our capability to innovate on a national level and address important global issues. We are confident that the strategic plan, with its revisions, will continue to guide us in the right direction.

The outlined revisions to our strategic plan are the product of a long process. Using the data about our progress to date on our key initiatives and incorporating perspectives from the Board of Regents and System leadership, the revised plan is designed to position System and member institution leadership to execute an even bolder vision for the future by revising segments from our current imperatives and adding new imperatives that are essential to our institutions. Revisiting the plan in this way is further evidence that the Board of Regents views our strategic plan as a living document that we are committed to monitoring and adjusting as needed. The Board of Regents and System leadership will continue our commitment to transparency, constantly measuring and sharing our progress, failures and successes, but we will also be flexible in our execution to adjust course as needed.

If one thing is certain, it is that we could not have made this extraordinary progress without your support. We will continue to do this together, and together we will ensure the continued success of our System.

Sincerely,

Elaine Mendoza
Chairman, Board of Regents

John Sharp
Chancellor

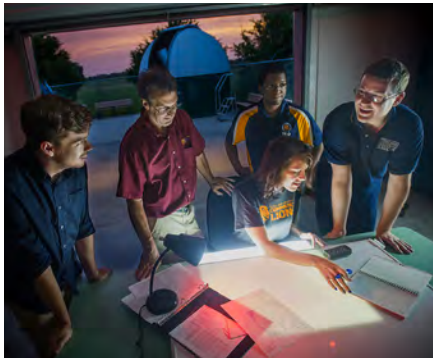


I. Our Strategic Plan Progress

In 2016, we introduced an ambitious strategic plan to guide our 11 universities and seven agencies (now eight agencies, with the addition of the Texas Division of Emergency Management (TDEM) in September 2019). The plan was consistent with our mission to **provide education, conduct research, commercialize technology, offer training, and deliver services for the people of Texas and beyond through our universities and state agencies**. In very real terms, the plan intended to establish the A&M System as the system of choice for students, employers, faculty, staff, and research funders in the state of Texas by working toward the following **six imperatives**:

Our Strategic Imperatives

1. **All qualified students will find a place in the A&M System and will have an array of pathways to pursue their ambitions and interests.** We will develop a coordinated recruitment and admissions strategy for the A&M System and create coherent pathways among institutions.
2. **The A&M System will remain affordable and accessible.** We will continue to ensure our costs remain reasonable so that the cost of education does not become a barrier for Texans to access the A&M System.
3. **Our students will leave the A&M System as responsible and engaged citizens prepared for successful careers in an increasingly global economy.** Our member institutions will develop the educational experiences, experiential opportunities and service opportunities our students need to succeed post-graduation in a global economy.



4. **The A&M System will increase its prominence by building a robust and targeted research portfolio.** We will continue to encourage cross-institution and cross-discipline collaboration, and we will support our member institutions in their research pursuits, including obtaining Emerging Research University status.
5. **The A&M System will provide services that respond to the needs of the people of Texas and contribute to the strength of the state's economy.** We will continue to address the needs of Texas and utilize technology to reach citizens in new ways.
6. **The A&M System, in adhering to the high standard of excellence and growth required in this strategic plan, will display prudent financial stewardship and sustainability.** Our member institutions will be diligent about their plans for growth, and the A&M System will ensure financially sound decision-making at the aggregate level. We have robust financial management capabilities in place and will continue to manage the A&M System's financial health in a holistic manner.

The plan's imperatives and its metrics of success have propelled the A&M System forward, establishing an enduring strategy focused on serving the state of Texas and its people. For this reason, we believe that we focused on the correct priorities four years ago. Given our continued commitment to these imperatives, we recognize the importance of communicating our progress. Important accomplishments have been achieved within each of the plan's imperatives. Our successes are significant because they demonstrate the breadth and depth of the A&M System's efforts. Equally as important is recognizing that more progress remains to be made on some measures of success, which we are also focused on highlighting. The remainder of this section highlights the progress we've made, identifying areas where we plan to continue improving.

**From 2014 to 2018, total admissions yield decreased about
3% each year across the System.**

1. **All qualified students will find a place in the A&M System and will have an array of pathways to pursue their ambitions and interests.** The A&M System continues to recruit, admit, and educate qualified Texans. Over the past four years, the System has become a home for more Texans: System enrollment has grown 1.8 percent each year, allowing us to capture a greater share of Texas higher education enrollment. This success has been achieved while also raising the overall quality of admitted students. Our focus on Texas students finding a home within our System will continue as we work to increase our yield of qualified applicants, including our share of the top 10 percent of Texas high-school graduates.



- Admissions yield decreased variably at each member institution; College Station had the smallest decrease (1 percent each year), with about 45 percent of admitted students enrolling in 2018. This places us slightly behind The University of Texas (UT) System and all Texas four-year public universities, which experienced a 2 percent average decrease in admissions yield each year from 2014 to 2018.¹ Reaffirming our commitment to making our System the system of choice for Texans, we plan to address the growth of campuses outside College Station and improve the pathways between System schools. This effort will focus on making the A&M System more attractive to Texas students, and, by default, increase yield System-wide.
- The System has increased its share of total Texas higher education enrollment. Since 2014, **the A&M System's share of Texas postsecondary enrollment has grown approximately 2 percent annually.** Due to this progress, one-fifth of Texas high-school students who enroll in either major Texas systems or private institutions choose the A&M System.
- The A&M System's share of the top 10 percent of Texas high-school graduates decreased from 33.9 percent in 2014 to 31.7 percent in 2018. In the same four-year period, the System's share of Texas high-school students who are in the top 10 percent of SAT scores increased from 20.3 percent to 21.2 percent. We remain committed to recruiting and admitting the most qualified Texas students, understanding that student quality is multifaceted and should not be limited only to high-school rank or test scores. We are proud to be part of a land-grant tradition and are fully focused on putting higher education within the reach of all Texas citizens.

Other notable progress:

- The Craig and Galen Brown Foundation and Merit Scholarship program is ranked highly for the A&M System. Since 1992, the Brown Foundation has awarded over 400 scholarships to Texas A&M's top incoming freshmen. In 2017, the Brown Foundation celebrated its 25th anniversary with an event celebrating former Brown Scholars and its 119 current Brown Scholars.
- We are committed to increasing System-wide enrollment. This strategic plan update will challenge member institutions to refine their growth goals so that we can build a strategy to support long-term System growth.
- The System-wide acceptance rate decreased 1 percent each year from 2014 to 2018. In the same period, the UT System and statewide four-year public institutions experienced a 2 percent and 1 percent average increase in their acceptance rate each year, respectively.² Nevertheless, in 2018, the A&M System accepted most applicants (72 percent), highlighting our commitment to serve the state of Texas and educate all qualified Texans.

¹The average annual change in admissions yield was calculated using publicly available Integrated Postsecondary Education Data System (IPEDS) data for the UT System and all Texas four-year public universities.

²The average annual change in acceptance rate was calculated using publicly available IPEDS data for the UT System and all Texas four-year public universities.

2. **The A&M System will remain affordable and accessible.** Over the past four years, the A&M System has made remarkable strides in cultivating a more diverse student body while remaining affordable in the state of Texas. We understand that to create equal opportunities for all Texas students we need to increase access and strengthen student support systems. Our focus on ensuring the affordability and accessibility of our System empowers and engenders an inclusive community and will continue in the years ahead.

- The total number of first-generation undergraduate students increased 5 percent each year from 2014 to 2018. Along the same line, Pell Grant recipient enrollment increased by about 2 percent each year from 2014 to 2018. This progress is a testament to the A&M System's commitment to remain accessible to all students regardless of cultural or socioeconomic backgrounds.
- The A&M System is also serving a more racially diverse student body. Underrepresented minority enrollment increased by about 2 percent annually from 2014 to 2018, growing in line with overall demographic shifts in Texas.
- Undergraduate students are also graduating faster, boosting A&M System affordability. We were able to reduce the average time it takes undergraduate students to earn a bachelor's degree across the System by 4 percent from 2014 to 2018, indicating that more undergraduate students are finishing their degrees closer to four years. We take our responsibility to help students plan an efficient path to graduation seriously because we know that failing to do so makes the cost of higher education more burdensome for Texas families and the state of Texas.

32% of first-generation students
in the overall System student body



System-wide total enrollment
increased

+2% EACH
YEAR

driven primarily by System-wide
application growth of

+6% FROM 2014
TO 2018

Annual application growth of our
regional universities

6.6%

was almost double that of
College Station

4%

A&M System enrollment lagged
that of the UT System, but was in
line with Texas public institutions,
which also grew at

+2% PER
YEAR

Student SAT scores **increased**
across all campuses from
2014 to 2018

System-wide median 75th
percentile SAT score improved

9%

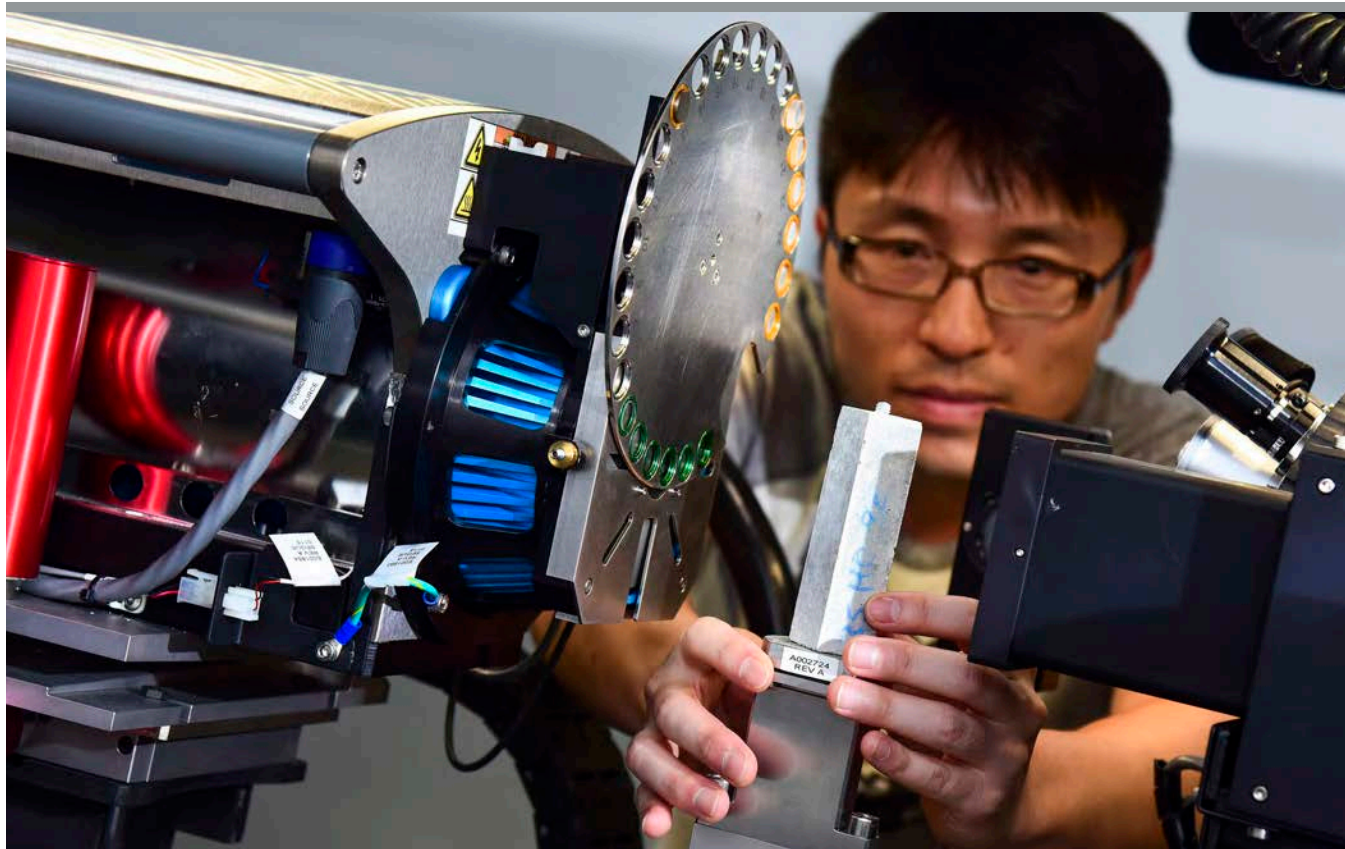
These improvements underscore
that the quality of our System has
improved as we work to educate
more Texans

System-wide median 25th
percentile SAT score improved

14%



- The A&M System has remained affordable relative to median Texas family incomes. In 2014, the median ratio of student debt to family income was about 53 percent across the System. While median student debt stayed constant from 2014 to 2016, median income for Texas households increased. Overall, this decreased student debt to median income by 3 percent from 2014 to 2016. We are acutely aware of the growing burden that student debt represents for students, and we have made extraordinary efforts to do our part to lessen this burden for Texas families.
 - In June 2020, The Texas A&M University System Board of Regents created a **\$100 million scholarship fund** with the goal of making the A&M System's 11 universities better reflect the state's demographics. The scholarship program aims to support students who are racially diverse, first-generation, and/or from low-income families in the wake of economic uncertainty associated with COVID-19.
3. **Our students will leave the A&M System as responsible and engaged citizens prepared for successful careers in an increasingly global economy.** It is the System's hope that students grow intellectually and personally in a way that allows them to make great contributions to the state of Texas and the world at large. Over the past four years, we continued to see students succeed in the System, with a higher percentage of them graduating in four years. A&M System students also appear to be moving on to jobs at a strong rate, demonstrating that our students are graduating prepared to make a real-world impact.
- The A&M System has prioritized strong student support systems to ensure that students stay in the System until graduation and, when possible, graduate on time. Freshman students are the most likely to drop out, so we are proud that from 2014 to 2018 **A&M System median first-year persistence rates increased by 1 percent**. Additionally, **the six-year graduation rate improved by 2 percent to 50 percent** across the System from 2014 to 2018. Graduation rates vary by campus; in 2018, 86 percent of students in College Station graduated in six years compared to 49 percent of students at our regional universities.
 - College Station graduate salaries exceed statewide university averages by an increasing amount over time; College Station students earn an average of \$5,600 more at the first year following graduation, \$9,000 more at the third year, and \$12,200 more at the fifth year. We remain committed to raising the specialization and performance of all our campuses so that all A&M students are ready to take on the job market and contribute to the Texas economy as well as the global economy.



Other notable progress:

Student experience, as measured in part by the student-to-faculty ratio, has improved. Public data suggests that the College Station ratio has stayed constant during this time, much like other member institutions. The System plans to address growth across campuses to ensure that student experience is equally positive and fulfilling across all System universities.

4. **The A&M System will increase its prominence by building a robust and targeted research portfolio.** The A&M System continues to deliver impactful research that improves society at a community, state, national and global level. The A&M System is now the largest research institution in the southwest United States, ranked above all other Texas institutions in total research expenditures, and ranked in the top 20 research universities nationally. Efforts to grow research expenditures, research volume and distinguished faculty members, coupled with a commitment to leverage A&M System resources to capture true multidisciplinary research opportunities, position the A&M System to bring great benefits to the state of Texas and the world at large.
 - **Total System-wide research expenditures grew about 2 percent each year from 2014 to 2018.** This momentum resulted in research expenditures exceeding \$1 billion in 2018 – a landmark moment for the A&M System. The System has made significant investments to ensure it stays a national and international leader in research going forward.

88%

of students who start their education at a Texas A&M institution continued to a second year of enrollment

19:1

student-to-faculty ratio in 2018



\$1 Billion

research spending in 2018

The A&M System received

50

national academy members
in FY 18, up from

37

members in FY 16

+480

computer science degrees (217
A&M group³ and 264 regional
universities)

+1,400

engineering degrees (891
A&M group and 522 regional
universities)

+50

math degrees (50 A&M group and
4 regional universities)

- In 2018, about 50 percent of the over 6,300 research proposals submitted were awarded, resulting in an award amount of about \$746 million across the System.
 - The rising prominence of the A&M System's research portfolio can also be seen through the growing number of distinguished faculty members. This progress is evidence that our faculty members' research is having global-scale impacts and raising the prominence of our System.
 - Among the criteria for a university to be considered an Emerging Research University is to award 30 or more Ph.D. degrees annually for two consecutive years. In fiscal year (FY) 2019, Texas A&M University-Corpus Christi made strong progress toward this designation by awarding 27 Ph.D. degrees in FY 2016, up from 15 in FY 2014. We are proud of A&M-Corpus Christi's efforts and will continue to encourage other member institutions to offer the highest academic degrees to our students.
5. **The A&M System will provide services that respond to the needs of the people of Texas and contribute to the strength of the state's economy.** The A&M System was designed to prepare educated problem solvers to lead the state's economic and social development. This fundamental mission, born out of the land-grant heritage of service, remains today. We continue to respond to this mission by granting more degrees in critical fields for the state and prioritizing the work of our eight state agencies that help solve important problems, ranging from protecting natural resources to implementing emergency management programs.
- To help meet the state's critical need, the A&M System takes seriously our responsibility to strengthen the pipeline of students pursuing degrees in computer science, engineering, math and physical science. In 2018, we granted about 7,000 degrees in these four fields combined. From 2014 to 2018, we increased the number of degrees granted in computer science, engineering, and math.

³The A&M group refers to the College Station campus, the Galveston campus, and the Health Science Center.

- The A&M System also increased the number of contact hours and services provided by our service-oriented agencies. From 2014 to 2018:

Texas A&M AgriLife Extension	Provided about 459,000 additional teaching hours in the areas of agriculture and environmental stewardship to the people of Texas
Texas A&M Forest Service	Provided about 192,000 additional hours to ensure the state's trees, forests and related natural resources are protected and sustained, despite decreasing the number of services it provides Texas
Texas A&M Engineering Extension Service	Provided about 4,000 additional emergency response hours to aid disasters across the state and the nation, and added about 45,000 services focused on developing training and practical workforce solutions
Texas A&M Veterinary Medical Diagnostic Laboratory	Provided about 110,000 additional test samples to promote and protect animal health and public health in Texas

6. **The A&M System, in adhering to the high standard of excellence and growth required in this strategic plan, will display prudent financial stewardship and sustainability.** The future success of our System depends on our commitment to managing our resources responsibly and sustainably. We strive to be good stewards of the funds we have been given, and we continue to support and grow our ambitions while maintaining healthy financials and expanding our donor base.
- A Composite Financial Index (CFI) score⁴ of 3.0 or greater is considered satisfactory financial condition. At 5.6, our academic CFI combined score remains healthy. This score indicates that the A&M System continues to see strong financial health and can weather financial difficulties and/or invest in new programs and activities despite the challenging environment facing higher education institutions.
 - Having sufficient reserves is vital because they produce income that enables our campuses to launch projects that might otherwise be difficult to fund. **In 2018, our System had an average of approximately three months of reserves.** Given the uncertainty caused by the global pandemic, we challenge System institutions to assess their reserves and determine whether they are appropriate.
 - **The median administrative cost ratio⁵ across all A&M System campuses was approximately 9 percent in 2018.** The A&M group median ratio was about 5 percent, while the regional university median ratio was in line with the System-wide median.
 - The System expects about a 9 percent three-year return on investable assets.

From 2014 to 2018, the Texas A&M Foundation increased donations by over

\$100 Million

and expanded its donor base by 2,700 donors

⁴The CFI is one tool used across the industry to help assess the overall financial health of an institution by blending primary reserve ratio, viability ratio, return on net position, and net operating ratio.

⁵The administrative cost ratio is defined as Institutional Support / (Total Operating Expenses – Auxiliary Operating Expenses).



II. Our Reflections on the Plan's Ambitions

As we reflect on the ambitions of our current strategic plan and how to maintain our momentum, it is increasingly clear our existing plan is strong and focused on the most important priorities. The A&M System has leveraged this plan to commit to the right imperatives and track progress with the correct metrics that have driven success for the System and the state of Texas in recent years.

However, since 2016, the System has grown in ways the plan could have never anticipated. The current plan does not fully account for successes, such as Army Futures Command, Los Alamos National Laboratory and the RELIS Campus. These triumphs require taking opportunistic, but well-informed, big bets that reflect our capability to innovate on a national and global level. These investments position the A&M System well to address the unprecedented challenges of the COVID-19 pandemic. Our existing investments in infrastructure will allow the System to continue its unwavering commitment to serve the state of Texas and the United States more broadly to support development and manufacturing of the testing equipment and vaccinations needed to fight this pandemic.

Army Futures Command	In October 2019, the A&M System announced a cooperative Agreement with the Army Futures Command that will provide up to \$65 million over five years to Texas A&M, supporting research into new technologies to help the Army Futures Command modernize the nation's fighting force.
Los Alamos National Laboratory	In June 2018, Texas A&M was one of the parties awarded a five-year contract to manage and operate Los Alamos National Laboratory, a prominent federal laboratory facility in New Mexico that employs more than 11,000 individuals and houses radioactive and weapons-grade nuclear materials. Los Alamos is one of the largest laboratories in the United States, and this partnership allows the A&M System to deepen its highly technical expertise and support for critical research tied to our national security.
RELLIS Campus	In 2016, the A&M System announced it would rename and transform a 1,900-acre campus to a state-of-the-art training facility and research hub for the technology, engineering and telecommunications industry. The RELLIS Campus facilities will be a leader in the development, testing and evaluation of next-generation transportation and engineering technologies.
Texas Medical Center	The A&M System is currently building a half-billion-dollar complex at the Texas Medical Center to house its groundbreaking Engineering Medicine Program and provide housing for medical and nursing students in Houston. This is the largest recent development project in the city of Houston, a testament to Texas A&M's rising prominence in the area and its dedication to meeting the medical needs of Texans.
Texas A&M AgriLife	Texas A&M AgriLife is the nation's largest comprehensive agriculture program. It partners with the U.S. Department of Agriculture, the National Institutes of Health and the state of Texas to conduct world-class research.
Bush School of Government and Public Service	The Bush School of Government and Public Service has become a leading public and international affairs graduate institution, ranking in the top 10 percent of graduate public affairs schools in the nation.
Texas Division of Emergency Management	In September 2019, Texas state law placed TDEM under the A&M System. This move came after the A&M System effectively led in rebuilding Texas after Hurricane Harvey. Adding an eighth state agency has allowed the System to take on a greater role supporting the state of Texas in disaster management. TDEM is leading efforts across the state to increase production of personal protective equipment and expand COVID-19 testing sites and other coronavirus-related responsibilities, helping the state effectively work toward reopening.

Given these unforeseen accomplishments, we must continue to raise expectations for our System and seek out opportunities that allow our growth to continue. **We plan to adjust two areas of the strategic plan to accommodate an even bolder vision of the future for the System.** To make this vision a reality, we will add the following two imperatives to the current strategic plan:

- **The A&M System will pursue pioneering/progressive opportunities to address national and global challenges.** We will focus on developing partnerships and innovating programs that will confront national and global problems by leveraging our experience from recent big bets that have increased our System's prominence. The System's prior investments in research position it well to support vaccine manufacturing to address the COVID-19 pandemic. The existing investments in infrastructure will allow the System to support development and manufacturing of the testing equipment and vaccinations needed to fight this pandemic.
- **The A&M System will build a strategy to sustain long-term System growth.** We will challenge member institution leadership to redefine their growth goals and empower them to place bets on what can drive growth in way that is sustainable for their campuses and the System more broadly. The Board of Regents will not dictate these growth goals. Instead, we will ask questions to ensure that member institutions have set growth plans and an established process to achieve their goals.

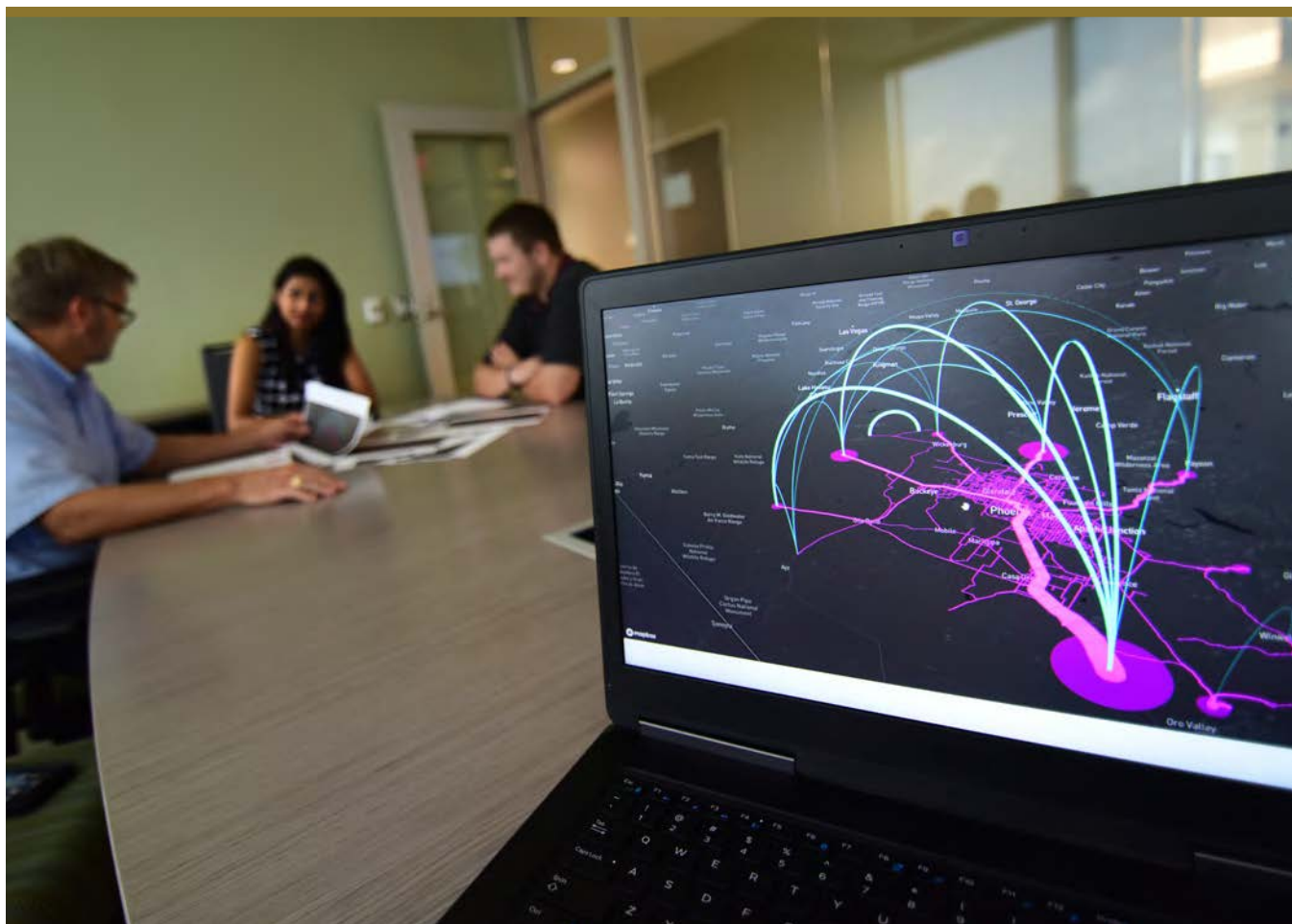
III. Our Revisions for the Future

The existing imperatives will remain largely intact, reaffirming the vision laid out in 2016. Nevertheless, the following revisions are offered to the current imperatives to ensure the A&M System continues to fulfill its mission in the foreseeable future:

1	All qualified students will find a place in the A&M System and will have an array of pathways to pursue their ambitions and interests.	• Leverage the A&M brand to create opportunities for more Texas students • Highlight strategic mobility pathways throughout the System that allow students to take advantage of the full A&M System network of schools
2	The A&M System will remain affordable and accessible.	• Add a measure of success: Total cost of attendance
3	Our students will leave the A&M System as responsible and engaged citizens prepared for successful careers in an increasingly global economy.	• Enhance the graduation rate metric by specifying that four- and six-year rates will be measured, and that the A&M System will remain compliant with all federally mandated reporting requirements • Clarify “responsible and engaged” citizens and identify appropriate metrics to better assess and track student success
4	The A&M System will increase its prominence by building a robust and targeted research portfolio.	• Clarify the research focus areas to address and impact national and global issues • Outline a clear set of campus-specific research priorities
5	The A&M System will provide services that respond to the needs of the people of Texas and contribute to the strength of the state’s economy.	• Identify appropriate metrics to better assess and track Texas impact
6	The A&M System, in adhering to the high standard of excellence and growth required in this strategic plan, will display prudent financial stewardship and sustainability.	• Establish a mechanism to monitor expense growth relative to revenues

As mentioned above, the System is also adding two additional imperatives designed to reflect desires to sustainably build upon its successes. The following are additional imperatives and measures of success for these imperatives:

7	The A&M System will pursue pioneering/ progressive opportunities to address national and global challenges.	• Focus on developing partnerships and innovating programs that will confront national and global problems by leveraging our experience from recent big bets that have increased our System’s prominence. Measures of success: • Defined national and global challenges that the A&M System is best positioned to solve • Pursuit of opportunities aligned to A&M System priorities and capabilities
8	The A&M System will build a strategy to sustain long-term System growth.	• Challenge member institution leadership to redefine their growth goals and empower them to place bets on what can drive growth in a way that is sustainable for their campuses and the System. Measures of success: • Clearly defined growth plans for each member institution • Enrollment-tracking at regional campuses according to identified growth plans for each campus • Retention rate at regional campuses • Identification of specialties within regional campuses



IV. How We Will Use the Plan in the Future

The Board of Regents will remain actively engaged in its governance role, helping System leadership set the broad direction of the System and accomplish the goals laid out in this plan. This plan does not outline specific strategies or tactics to pursue the revisions outlined previously. Rather, with this revised plan we intend to clarify our aspirations and expectations for the A&M System and member institutions. We recognize the importance of allowing A&M System and member institution leadership to use their thought leadership to continue to develop plans that leverage their unique strengths and contexts to achieve success for themselves and the System at large.

As Regents, we commit to ensuring this plan continues to serve as a living document to focus the System leadership's attention on the key imperatives that will improve the trajectory of the A&M System and the state of Texas. Regents will achieve this by:

- Keeping the plan central during Board of Regents meetings, allowing it to guide decision-making.
- Holding all System institutions accountable for reporting their progress relative to new and revised imperatives and metrics.
- Communicating progress toward executing imperatives and metrics more broadly to constituents.
- Updating the plan relatively quickly if, and when, change happens.



11 Universities



8 State Agencies



BOARD OF REGENTS

Elaine Mendoza

Chairman

San Antonio

Tim Leach

Vice Chairman

Midland

Phil Adams

Bryan/College Station

Robert L. Albritton

Fort Worth

Jay Graham

Houston

Michael A. “Mike” Hernandez III

Fort Worth

Bill Mahomes

Dallas

Michael J. Plank

Houston

Cliff Thomas

Victoria

Cahlen Cheatham

Student Regent

Stephenville



AGENDA ITEM BRIEFING

Submitted by: Elaine Mendoza, Chairman of the Board
The Texas A&M University System

Subject: Appointment of Member to the University Lands Advisory Board

Proposed Board Action:

Appoint a new member to the University Lands Advisory Board (ULAB).

Background Information:

In 2014, The University of Texas (UT) System Board of Regents created the ULAB to provide advice and strategic direction regarding the operation and management of University Lands. University Lands is the office within the UT System that manages the surface and mineral interests of 2.1 million acres of land across 19 counties in West Texas for the benefit of the PUF. ULAB consists of five representatives (including two regents) from the UT System; three representatives (including one regent) from The Texas A&M University System (A&M System); and the Commissioner of the General Land Office. At least three persons appointed by the UT System and two persons appointed by the A&M System are required to have industry experience.

On April 19, 2018, the A&M System Board of Regents appointed Mr. Mark Albers to the ULAB through April 2020 (or until a replacement is named). Mr. Albers has indicated that while he has enjoyed his service on this board, he has asked not to be considered for reappointment due to other commitments. Action is requested to designate a new person to serve in the position previously held by Mr. Albers.

Ms. Janeen Judah is an industry leader with more than 35 years of operational, managerial, and environmental experience in the oil and gas industry. She retired from Chevron Corporation in 2018. Ms. Judah held numerous leadership positions at Chevron, including General Manager of Chevron's Southern Africa business unit, President of Chevron Environmental Management Company and General Manager of Reservoir and Production Engineering for Chevron Energy Technology Company. Ms. Judah served as the President of the Society of Petroleum Engineers International from September 2016 to October 2017 while on secondment from Chevron, and as a member of the Board of Directors of the Society of Petroleum Engineers from 2003 to 2006 and from 2012 to 2018. Before joining Chevron in 1998, she held various upstream petroleum engineering positions for Texaco, Inc. and Atlantic Richfield Company (ARCO).

In 2018, Ms. Judah was recognized by Hart Energy/Oil and Gas Investor Magazine as a Top 25 Influential Women in Energy. She is also a member of the Board of Directors of Patterson-UTI Energy Inc., where she serves on the Audit and Nominating and Corporate Governance Committees; Crestwood Equity Partners LP, where she serves on the Audit Committee and chairs the Sustainability Committee; Aethon Energy III LLC and Aethon United LP; and Jagged Peak Energy. She is an NACD Board Leadership Fellow and completed the NACD/Carnegie Mellon certificate in Cyber Risk. Ms. Judah holds Bachelor and Masters of Science degrees in Petroleum Engineering from Texas A&M University, a Masters of Business Administration from the

Agenda Item No. 5.3
Agenda Item Briefing

University of Texas of the Permian Basin and a Juris Doctorate from the University of Houston Law Center. She is a Registered Professional Engineer in Texas and a member of the Texas Bar.

A&M System Funding or Other Financial Implications: None.

Strategic Plan Imperative(s) this Item Advances:

Approval of this agenda item will advance Strategic Plan Imperative 5: “The A&M System will provide services that respond to the needs of the people of Texas and contribute to the strength of the state’s economy.”

Agenda Item No. 5.3

THE TEXAS A&M UNIVERSITY SYSTEM

Office of the Board of Regents

August 12, 2020

Members, Board of Regents
The Texas A&M University System

Subject: Appointment of Member to the University Lands Advisory Board

I recommend adoption of the following minute order:

“Effective immediately, Ms. Janeen S. Judah is hereby appointed to serve as a member of the University Lands Advisory Board for a term to expire on April 1, 2022, or until a replacement is named.”

Respectfully submitted,

[ORIGINAL SIGNED BY]

Elaine Mendoza
Chairman, Board of Regents

Approved for Legal Sufficiency:

[ORIGINAL SIGNED BY]

Ray Bonilla
General Counsel

***Certified by the general counsel or other appropriate attorney as confidential or information that may be withheld from public disclosure in accordance with Section 551.1281 and Chapter 552 of the Texas Government Code.**