

Agenda Items Meeting of the Board of Regents

August 10, 2022



MEETING OF THE BOARD OF REGENTS THE TEXAS A&M UNIVERSITY SYSTEM August 10, 2022 College Station, Texas

REGULAR AGENDA ITEMS

1. COMMITTEE ON FINANCE

- 1.1 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
- 1.2 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

2. <u>COMMITTEE ON AUDIT</u>

2.1 Approval of System Internal Audit Plan for Fiscal Year 2023, BOR A&M System (*Draft Pending Committee Approval*)

3. COMMITTEE ON BUILDINGS AND PHYSICAL PLANT

- 3.1 Approval of the Project Scope and Budget, Appropriation for Construction Services, and Approval for Construction for the Business Education Complex Project, Texas A&M University, College Station, Texas (Project No. 02-3279), A&M System
- 3.2 Approval to Amend the FY 2023-FY 2027 Texas A&M System Capital Plan to Add the Student Services Center Renovation Project, and Approval of the Project Scope and Budget, Appropriation for Pre-construction and Construction Services and Approval for Construction for the Student Services Center Renovation, Texas A&M University-Corpus Christi, Corpus Christi, Texas (Project No. 157205FY21), A&M-Corpus Christi
- 3.3 Approval of the Project Scope and Budget, Appropriation for Construction Services, and Approval for Construction for the HVAC System Walton Hall Project, Texas A&M University, College Station, Texas (SSC Project No. 2021-07629), Texas A&M
- Approval to Amend the FY 2023-FY 2027 Texas A&M System Capital Plan to Add the BLV HVAC Replacement Project for Texas A&M University-Texarkana with an FY 2023 Start Date (Project No. 2022-TAMUT-214), A&M-Texarkana

Informational Report

Report of System Construction Projects Authorized by the Board

*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 <u>Texas</u> <u>Government Code</u>.

4. <u>COMMITTEE ON ACADEMIC AND STUDENT AFFAIRS</u> (no agenda items)

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

5.1 Formation of a Special Committee of the Board of Regents on the Texas A&M University Corps of Cadets, BOR A&M System

Executive Session Items

- *Authorization to Purchase Property Located at 842 N. Cain Street in Stephenville, Erath County, Texas, Tarleton
- *Authorization to Purchase Property Located at 1136 W. Washington Avenue in Stephenville, Erath County, Texas, Tarleton
- *Authorization to Purchase Property Located at 260 St. Felix Street in Stephenville, Erath County, Texas, Tarleton
- *Authorization to Purchase Property Located at 251 N. Harbin Drive in Stephenville, Erath County, Texas, Tarleton
- *Authorization to Sell Property Located at 2101 E. Vermont Avenue in McAllen, Hidalgo County, Texas, Texas A&M
- *Authorization to Lease 4,165 Square Feet of Educational Space at the Houston Methodist Willowbrook Hospital Located at 7800 Willow Chase Blvd, Houston, Harris County, Texas, Texas A&M
- *Authorization to Lease 27,682 Square Feet of Space in the Varisco Building Located at 219 North Main Street, Bryan, Brazos County, Texas, Texas A&M
- *Authorization to Negotiate and Execute a Contract Between Workforce Solutions Alamo and Texas A&M University-San Antonio for the San Antonio Ready to Work Initiative, A&M-San Antonio
- *Authorization to Lease Space in Chase Park Building 3 Located at 313 E. Anderson Lane in Austin, Travis County, Texas, TDEM
- *Authorization to Expand the Fort Worth Campus Lease of 10,630 Square Feet of Space at 801 Cherry Street, Fort Worth, Texas, 76102, A&M System
- *Authorization for the President to Negotiate and Execute a New Employment Contract for the Athletic Director, A&M-Corpus Christi
- *Authorization for the President to Negotiate and Execute New Employment Contracts for Seven Assistant Football Coaches and One Athletic Department Administrator, Texas A&M

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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 2022
- 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 Substantive Revisions to System Policy 11.02, Creation of Centers and Institutes
- 6.6 Naming of the RELLIS Campus Highway 21 Entry Drive

Prairie View A&M University

- 6.7 Approval of Academic Tenure, August 2022
- 6.8 Granting of Faculty Development Leave for FY 2023

Tarleton State University

- 6.9 Approval of Academic Tenure, August 2022
- 6.10 Approval of a New Doctor of Philosophy Degree Program with a Major in Animal and Natural Resource Sciences, and Authorization to Request Approval from the Texas Higher Education Coordinating Board
- 6.11 Authorization to Establish a Quasi-Endowment in the System Endowment Fund Entitled the "Col. Charles Leigon Texan Corps of Cadets Scholarship Quasi-Endowment"

Texas A&M International University

- 6.12 Approval of Academic Tenure, August 2022
- 6.13 Authorization to Establish a Quasi-Endowment in the System Endowment Fund Entitled the "Petroleum Engineering Program Quasi-Endowment"

Texas A&M University

- 6.14 Approval of Academic Tenure, August 2022
- 6.15 Establishment of the Gulf Research Institute for Highly Migratory Species
- 6.16 *Authorization to Establish Three Quasi-Endowments in the System Endowment Fund

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- 6.17 Approval for Dr. Feng Zhao, a System Employee, to Serve as an Officer, Member of the Board of Directors and Employee of NeoBiomatrix Technology LLC, an Entity that Proposes to License Technology from The Texas A&M University System
- 6.18 Approval for Dr. Thomas A. Kent, a System Employee, to Serve as an Officer, Member of the Board of Directors, and/or Employee of Gerenox, Inc, an Entity that Proposes to License Technology from The Texas A&M University System
- 6.19 *Authorization for the President to Negotiate and Execute Certain Specified Contracts
 Over \$500,000
- 6.20 *Namings of Areas and Spaces Within Aggie Park
- 6.21 *Namings of Athletics Facilities and Related Structures

<u>Texas A&M University-Central Texas</u> (no agenda items)

Texas A&M University-Commerce

- 6.22 Approval of Academic Tenure, August 2022
- 6.23 *Naming of Agricultural Farm

Texas A&M University-Corpus Christi

- 6.24 Approval of a New Bachelor of Science in Special Education Degree Program, and Authorization to Request Approval from the Texas Higher Education Coordinating Board
- 6.25 Approval of a New Bachelor of Science in Early Childhood Education Degree Program, and Authorization to Request Approval from the Texas Higher Education Coordinating Board
- 6.26 Authorization to Establish a Quasi-Endowment in the System Endowment Fund Entitled the "Maite Yuleana Rodriguez Memorial Quasi-Endowed Scholarship in Marine Biology"

Texas A&M University-Kingsville

*Naming of the Deer Research Program within the Caesar Kleberg Wildlife Research Institute

Texas A&M University-San Antonio

- 6.28 Approval of Academic Tenure, August 2022
- 6.29 Granting of Faculty Development Leave for FY 2023

<u>Texas A&M University-Texarkana</u> (no agenda items)

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West Texas A&M University

(no agenda items)

Texas A&M AgriLife Extension Service

(no agenda items)

Texas A&M AgriLife Research

(no agenda items)

Texas A&M Engineering Experiment Station

(no agenda items)

Texas A&M Forest Service

6.30 Authorization to Execute FY 2022 Federal Non-research Grant Agreement, and Any Amendments, Modifications or Extensions

Texas A&M AgriLife Extension Service

(no agenda items)

Texas A&M Engineering Extension Service

(no agenda items)

Texas A&M Veterinary Medical Diagnostic Laboratory

(no agenda items)

<u>Texas A&M Transportation Institute</u>

(no agenda items)

Texas Division of Emergency Management

(no agenda items)

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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
·	Texas A&M University-San Antonio
A/E	·
AgriLife Extension	Texas A&M AgriLife Extension Service
AgriLife Research	Texas A&M AgriLife Research
BOR	
FP&C	Facilities Planning and Construction
POR	_
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

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Agenda Item No.

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; to provide funds for construction, renovation and other projects; to provide funds for property acquisitions; to refund all or a portion of the outstanding bonds previously issued by the Board of Regents; and to pay the costs of issuing the bonds. The authority in the maximum amount of \$840 million (including issuance costs) will be effective for the period from September 1, 2022 to August 31, 2023.

Bonds will be issued only for those projects approved by the Board of Regents and the projects which may be financed during the fiscal year are estimated at \$752 million.

Previously issued outstanding bonds which are candidates for refunding total approximately \$88 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.

THE TEXAS A&M UNIVERSITY SYSTEM

Office of the Chief Investment Officer and Treasurer July 1, 2022

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,	
	Maria L. Robinson Chief Investment Officer and Treasurer	
Approval Recommended:	Approved for Legal Sufficiency:	
John Sharp Chancellor	Ray Bonilla General Counsel	
Billy Hamilton Deputy Chancellor and Chief Financial Officer		

THIRTY-SECOND 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 \$840 MILLION, AND APPROVING AND AUTHORIZING INSTRUMENTS AND PROCEDURES RELATING THERETO

Adopted August 10, 2022

THIRTY-SECOND 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 \$840 MILLION, AND APPROVING AND AUTHORIZING INSTRUMENTS AND PROCEDURES RELATING THERETO

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THIRTY-SECOND 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 \$840 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 (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 the Thirty-First 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 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-Second Supplement to the Master Resolution (the "Thirty-Second 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-Second 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) <u>Definitions</u>. In addition to the definitions set forth in the preamble of this Thirty-Second Supplement, the terms used in this Thirty-Second Supplement (except in the Form of Bonds) and not otherwise defined shall have the meanings given in the Master Resolution or in <u>Exhibit A</u> to this Thirty-Second Supplement attached hereto and made a part hereof.
- (b) <u>Construction of Terms</u>. If appropriate in the context of this Thirty-Second 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.

- The Board's "BOARD OF REGENTS OF THE TEXAS A&M UNIVERSITY (a) 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 \$840 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-Second 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-Second Supplement 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, 2023 (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, Series B (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.
- 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-Second 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. 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, 2064, (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-Second 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-Second Supplement and shall be filed in the minutes of the Board as a part of this Thirty-Second Supplement.

(c) <u>Sale of the Bonds</u>. 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) <u>In General</u>. 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 <u>Exhibit B</u> to this Thirty-Second 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) <u>Delegation to Establish Sinking Fund for Balloon Debt</u>. 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) <u>Finding Regarding Section 1207.008(b)</u>, <u>Government Code</u>. 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 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) <u>Paying Agent/Registrar</u>. 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-Second 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) <u>Payment of Bonds and Interest</u>. 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-Second 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) <u>Authentication</u>. 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-Second 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-Second Supplement.
- Transfer, Exchange, or Replacement. Each Bond issued and delivered pursuant to this Thirty-Second 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-Second 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-Second Supplement shall constitute one of the Bonds for all purposes of this Thirty-Second 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-Second Supplement there shall be printed an Authentication Certificate, in the form set forth in Exhibit B to this Thirty-Second 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-Second 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.

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-Second 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-Second 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, 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-Second Supplement, and a certified copy of this Thirty-Second Supplement shall be delivered to each Paying Agent/Registrar.

(h) <u>Book-Entry-Only System</u>. 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-Second 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-Second 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-Second 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-Second 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-Second Supplement shall refer to such new nominee of DTC.

(i) <u>Successor Securities Depository: Transfers Outside Book-Entry-Only System</u>. 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-Second Supplement. Whenever a successor securities depository has been appointed pursuant to this paragraph, the terms DTC and DTC Participant as used in this Thirty-Second Supplement shall refer to such successor securities depository and its participants, respectively.

(j) <u>Payments to Cede & Co.</u> Notwithstanding any other provision of this Thirty-Second 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-Second 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-Second 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.
- ESTABLISHMENT OF FINANCING SYSTEM AND ISSUANCE OF Section 7. **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-Second 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-Second 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) <u>Replacement Bonds</u>. 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) <u>Payment in Lieu of Replacement</u>. 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) <u>Charge for Issuing Replacement Bonds</u>. 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-Second Supplement equally and proportionately with any and all other Bonds duly issued under this Thirty-Second Supplement.

(e) <u>Authority for Issuing Replacement Bonds</u>. 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-Second Supplement for Bonds issued in exchange and replacement for other Bonds.

Section 11. AMENDMENT OF SUPPLEMENT.

- (a) <u>Amendments Without Consent</u>. This Thirty-Second 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-Second 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-Second Supplement;
 - (ii) To cure any ambiguity or inconsistency, or to cure or correct any defective provisions contained in this Thirty-Second 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-Second 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-Second 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-Second 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-Second 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-Second 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-Second 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) <u>Effect of Amendments</u>. Upon the adoption by the Board of any resolution to amend this Thirty-Second Supplement pursuant to the provisions of this Section, this Thirty-Second 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-Second Supplement, as amended.

- (f) <u>Consent Irrevocable</u>. 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) <u>Ownership</u>. 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 and the costs of refunding the Refunded Bonds and the Refunded Notes. 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.
- The Board represents that not more than fifty percent (50%) of the proceeds of the (g) 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. The Board further represents that not more than fifty percent (50%) of the proceeds of the Refunded Bonds and the Refunded Notes (to the extent such bonds and notes are refunded with the proceeds of Tax-Exempt Bonds) were 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 on the date of issue of such Refunded Bonds and Refunded Notes, the Board reasonably expected that at least eighty-five percent (85%) of the spendable proceeds of such Refunded Bonds and Refunded Notes would be used to carry out the governmental purpose of such Refunded Bonds and Refunded Notes within the three-year period beginning on the date of issue of such Refunded Bonds and Refunded Notes.
- (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 Bond holders and any subsequent Bond holder, and may be relied upon by the Bond holders and any subsequent Bond holder 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-Second 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.

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) <u>Event Notices</u>. 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, as evidenced by SEC Release No. 34-83885, dated August 20, 2018.

- (c) <u>Identifying Information</u>. 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) <u>Limitations</u>, <u>Disclaimers</u>, <u>and Amendments</u>. 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-Second 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-Second Supplement for purposes of any other provision of this Thirty-Second 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 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-Second 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) <u>Modification of Undertaking</u>. For the avoidance of doubt, the authority conferred on the Designated Financial Officer pursuant to Section 3(b) of this Thirty-Second 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.

THIRTY-SECOND **SUPPLEMENT** TO **CONSTITUTE** Section 14. 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-Second 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-Second Supplement by the Board and the covenants and agreements set forth in this Thirty-Second 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-Second 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-Second 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-SECOND 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-Second 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-Second Supplement or any covenant, condition, stipulation, promise, agreement, or provision herein contained. This Thirty-Second 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.

CUSTODY, APPROVAL, BOND COUNSEL'S OPINION, CUSIP Section 18. 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-Second Supplement is hereby adopted and made a part of this Thirty-Second 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.

- 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-Second 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-Second 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-Second 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 improvements or facilities to be financed 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 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;
 - (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-Second 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-Second Supplement, any amendments to the above named documents, and any technical amendments to this Thirty-Second 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-Second 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-Second 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-Second 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-Second

Supplement are hereby repealed and shall be of no further force or effect to the extent of such conflict or inconsistency.

DEFEASANCE OF OUTSTANDING PARITY OBLIGATIONS. The Section 26. 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 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-Second Supplemental Resolution was adopted, and that this Thirty-Second 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.

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EXHIBIT A

DEFINITIONS

As used in this Thirty-Second 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-Second 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 Orrick, Herrington & Sutcliffe LLP, or such other nationally-recognized firm designated by the Board as Bond Counsel for purposes of this Thirty-Second 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-Second 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-Second Supplement.

The term "Compounding Dates" means Compounding Dates as defined in Section 4 of this Thirty-Second 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 "Financial Obligation" means a (a) debt obligation; (b) derivative instrument entered into in connection with, or pledged as security or a source of payment for, an existing or planned debt obligation; or (c) guarantee of a debt obligation or any such derivative instrument; provided that "financial obligation" shall not include municipal securities (as defined in the Securities Exchange Act of 1934, as amended) as to which a final official statement (as defined in the Rule) has been provided to the MSRB consistent with the Rule.

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-Second 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, Series B 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 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, 55.1781, and 55.1791 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-Second 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 not intended to be excludable from the gross income of the owners thereof for federal income tax purposes pursuant to section 103 of the Code.

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 intended to be excludable from the gross income of the owners thereof for federal income tax purposes pursuant to section 103 of the Code.

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

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EXHIBIT B

FORM OF BONDS

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

United States of America State of Texas

NUMBER		PRINCI	PAL AMOUNT
R REGISTERED			REGISTERED
	EGENTS OF THE TEXAS UE FINANCING SYSTEM		STEM
INTEREST RATE	MATURITY DATE	[DATED/ISSUANCE DATE]	<u>CUSIP</u> :
%	, 20		
REGISTERED OWNER:	:		
PRINCIPAL AMOUNT:			DOLLARS
TEXAS A&M UNIVERS hereby promises to pay to hereof (either being herein above, and to pay interest 30-day consecutive month Maturity Date, specified above, semiannually on eachauthentication of this Bondamount shall bear interest funless such date of authernication.	RITY DATE specified abo ITY SYSTEM (the "Board of the registered owner, spenafter called the "registere thereon, calculated on the b hs, from the [Dated Date] bove, or the date of redempt with interest being pay and d is later than the first Record from the interest payment da ntication is after any Record which case such principal t date.	"), being an agency of the cified above, or to the reg d owner") the principal at asis of a 360-day year con [Issuance Date], specification prior to maturity, at the vable on thereafter, except that d Date (hereinafter defined to maturity at the defined to the proceeding the date of the Date but on or before the	e State of Texas, gistered assigned mount, specified aposed of twelve ed above, to the e interest rate per, 20, and tif the date of all, such principal of authentication, e next following
United States of America, required by the Bond R Agent/Registrar for such poto the registered owner her the date fixed for its redem	OF AND INTEREST ON the without exchange or collect desolution (hereinafter definition and the reof upon presentation and aption prior to maturity, at the is the "Paying Agent/Regis"	ion charges, solely from funed) to be on deposit wed. The principal of this B surrender of this Bond at a corporate trust office of _	ands of the Board with the Paying ond shall be paid maturity or upon
ın, which	i is the Taying Agent/Negis	am Tor uns Donu. The pa	yment of micrest

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 _], 2022 (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		MATU	RITY AMOUNT \$ REGISTERED
BOARD OF RE	GENTS OF THE TEXAS JE FINANCING SYSTEM		
INTEREST RATE	MATURITY DATE	ISSUANCE DATE	<u>CUSIP</u> :
%	, 20		
REGISTERED OWNER:			
MATURITY AMOUNT:			DOLLARS
rexas A&M UNIVERSIT of the State of Texas, here registered assignee hereof (Amount specified above recompounded interest hereof the Issuance Date at the incompounded Amounts as and reference, a table appears of	ITY DATE specified above TY SYSTEM (the "Board") by promises to pay to the (either being hereinafter carepresenting the original particles and the provided in the Bond Reprovided in the Bond State of this Bond state of the Bond Stat), being an agency and postered Owner specialled the "Registered Owner specialled the "Registered Owner incipal amount hereof a the original principal are ecified above (subject to esolution), compounded and, 20 For howing the "Compounded to the compounded to the subject to the	olitical subdivision ified above or the ner") the Maturity and accrued and mount hereof from o rounding to the semi-annually on or convenience of ed Amount" of the
United States of America, we equired by the Bond Resolutes hereinafter provided. The othe registered owner here he date fixed for its redempor in	AMOUNT OF this Bowithout exchange or collect ution to be on deposit with the Maturity Amount or Comeof upon presentation and ption prior to maturity, as the maturity, as the registered owner of this vailable to the Paying Agentately available funds, of the authorizing the issuance of the Bonds is determined to the securities deposited.	ion charges, solely from the Paying Agent/Registrate pounded Amount of this surrender of this Bond at the case may be, at the conte "Paying Agent/Registrates Bond that on or before nt/Registrar, the amount re Maturity Amount when the of this Bond adopted to twithstanding the forest by a book entry at a second content.	funds of the Board ar for such purpose Bond shall be paid t maturity or upon rporate trust office rar" for this Bond. the Maturity Date required to provide due, in the manner by the Board on going, during any curities depository

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.

Bonds Maturing	Bonds	Maturing	
----------------	--------------	----------	--

Redemption Date

Principal Amount

**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.

IN WITNESS WHEREOF, the Board has caused this Bond to be signed with the manual or facsimile signature of the Chairman or 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.

(signature)	(signature)
Executive Director, Board of Regents of The Texas A&M University System	[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:

PrincipalYears ofInterestInstallmentsStated MaturitiesRates

(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-l".

The Initial Capital Appreciation 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 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:

MaturityYears ofInterestAmountsStated MaturitiesRates

(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-l".

* * *

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
Address:	

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

The following abbreviations, when used in the inscription on the face of this Bond, shall be construed as though they were written out in full according to applicable laws or regulations:

UNIF GIFT MIN ACT --

TEN COM	ΓEN COM as tenants in common Custodian		
TEN ENT	as tenants by the entireties	(Cust) (Minor)	
JT TEN	as joint tenants with rights	under Uniform Gifts to Minors Act	
	of survivorship and not as		
	tenants in common	(State)	
Additional abbreviatio	ns may also be used though not in the	e above list.	
FOR VALUE	RECEIVED, the undersigned sells, as	ssigns and transfers unto	
Please insert Social Se	curity or		
Other Identification N	Number of Assignee/		
(Name and Ac	ldress of Assignee)		
the within Bond and	does hereby irrevocably constitutes a	nd appoints	
to transfer said Bond in the premises.	on the books kept for registration the	reof with full power of substitution	
Dated:			
Signature Guaranteed	l:		

NOTICE: The signature to this assignment must correspond with the name as it appears upon the face of the within Bond in every particular, without alteration or enlargement or any change whatever; and

NOTICE: Signature(s) must be guaranteed by the Securities Transfer Association signature guarantee program.

Agenda Item No.

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 \$540 million (including issuance costs) will be for the period from September 1, 2022 to August 31, 2023.

Bonds will be issued only for those projects approved by the Board of Regents and the projects which may be financed during the fiscal year are estimated at \$283 million.

Previously issued bonds which are candidates for refunding total approximately \$257 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.

THE TEXAS A&M UNIVERSITY SYSTEM

Office of the Chief Investment Officer and Treasurer July 1, 2022

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,
	Maria L. Robinson Chief Investment Officer and Treasurer
Approval Recommended:	Approved for Legal Sufficiency:
John Sharp Chancellor	Ray Bonilla General Counsel
Chancellor	General Counsel
Billy Hamilton	
Deputy Chancellor and	
Chief Financial Officer	

ITEM 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 \$540 MILLION, PLEDGING REVENUES FOR THE PAYMENT THEREOF, AND APPROVING AND AUTHORIZING INSTRUMENTS AND PROCEDURES RELATING THERETO

Adopted August 10, 2022

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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 \$540 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 AS FOLLOWS:

SECTION 1. AUTHORIZATION AND FINDINGS.

(a) <u>Bonds Authorized</u>. 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 \$540 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) <u>Type of Bonds</u>. 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) <u>Date, Denominations, and Numbers</u>. 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; (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 \$540 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) <u>Maturities and Interest Rates</u>. 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.

Paying Agent/Registrar; Registration, Transfer, and Exchange; Authentication. (a) 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) <u>Payment of Bonds and Interest</u>. 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) <u>In General</u>. 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.

"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.

"MSRB" means the Municipal Securities Rulemaking Board.

"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) <u>Payment of the Bonds</u>. 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/registrars, 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) <u>Subordinate Lien Obligations</u>. 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.
- 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 brokerdealer, 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, 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) <u>Replacement Bonds</u>. 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) <u>Payment in Lieu of Replacement</u>. 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) <u>Charge for Issuing Replacement Bonds</u>. 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) <u>Authority for Issuing Replacement Bonds</u>. 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.

- 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.

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.

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) <u>Identifying Information</u>. 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) <u>Limitations, Disclaimers, and Amendments</u>. 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 so 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) <u>General Tax Covenant</u>. As used in this Section 19, the term "Bonds" shall mean only Bonds issued as Tax-Exempt Bonds. The Board covenants not to take any action or omit to take any action that, if taken or omitted, would cause the interest on the Bonds to be includable in gross income for federal income tax purposes. In furtherance thereof, the Board covenants to comply with sections 103 and 141 through 150 of the Code and the provisions set forth in the federal tax certificate executed by the Board in connection with the Bonds.
- (b) No Private Use or Payment and No Private Loan Financing. The Board covenants that it will use the proceeds of the Bonds (including investment income) and the property financed, directly or indirectly, with such proceeds so that the Bonds will not be "private activity bonds"

within the meaning of section 141 of the Code. Furthermore, 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 be a "private activity bond" unless it takes a remedial action permitted by section 1.141-12 of the Regulations.

- (c) <u>No Federal Guarantee</u>. The Board covenants not to take any action or omit to take any action that, if taken or omitted, 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) <u>No Hedge Bonds</u>. The Board covenants not to take any action or omit to take action that, if taken or omitted, would cause the Bonds to be "hedge bonds" within the meaning of section 149(g) of the Code.
- (e) <u>No Arbitrage</u>. The Board covenants that it will make such use of the proceeds of the Bonds (including investment income) and regulate the investment of such proceeds of the Bonds so that the Bonds will not be "arbitrage bonds" within the meaning of section 148(a) of the Code.
- (f) <u>Arbitrage Rebate</u>. The Board covenants that, if the Board does not qualify for an exception to the requirements of section 148(f) of the Code, the Board will comply with the requirement that certain amounts earned by the Board on the investment of the gross proceeds of the Bonds, be rebated to the United States.
- (g) <u>Information Reporting</u> The Board covenants to file or cause to be filed with the Secretary of the Treasury an information statement concerning the Bonds in accordance with section 149(e) of the Code.
- (h) Record Retention The Board covenants to retain all material records relating to the expenditure of the proceeds (including investment income) of the Bonds and, if applicable, any obligations refunded therewith, and the use of the property financed, directly or indirectly, thereby until three years after the last Bond is redeemed or paid at maturity (or such other period as provided by subsequent guidance issued by the Department of the Treasury) in a manner that ensures their complete access throughout such retention period.
- (i) <u>Continuing Obligation</u>. Notwithstanding any other provision of this Resolution, the Board's obligations under the federal tax covenants set forth above will survive the defeasance and discharge of the Bonds for as long as such matters are relevant to the excludability of interest on the Bonds from gross income for federal income tax purposes.
- (j) Official Intent. For purposes of section 1.150-2(d) of the Regulations, to the extent that an official intent to reimburse has not previously been adopted by the Board, this Resolution serves as the Board's official declaration of intent to use proceeds of the Bonds to reimburse itself from proceeds of the Bonds issued in the maximum amount authorized by this Resolution for certain expenditures paid in connection with the projects set forth herein. Any such reimbursement will only be made (i) for an original expenditure paid no earlier than 60 days prior to the date hereof and (ii) not later than 18 months after the later of (A) the date the original expenditure is paid or

(B) the date of with the project to which such expenditure relates is placed in service or abandoned, but in to event more than three years after the original expenditure is paid.

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, 2023. 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, 2023, 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.

SECTION 39. REPEAL OF CONFLICTING RESOLUTIONS. All resolutions and all parts of any resolutions which are in conflict or are inconsistent with this Resolution are hereby repealed and shall be of no further force or effect to the extent of such conflict or inconsistency.

* * *

EXHIBIT A

FORM OF BONDS

[FORM OF FIRST TWO PARAGRAPHS OF CURRENT INTEREST BONDS]

UNITED STATES OF AMERICA STATE OF TEXAS

		PRINCIPAL AMOUNT \$		
REGISTERED		REGISTERED		
		XAS A&M UNIVERS FUND BONDS, SERII		
INTEREST RATE MATE		ISSUANCE DATE	CUSIP NO.	
REGISTERED OWNER:				
PRINCIPAL AMOUNT:		DO	LLARS (\$)	
TEXAS A&M UNIVERSITY Shereby promises to pay to the Re (either being hereinafter called the to pay interest thereon calculate the Issuance Date specified above prior to scheduled maturity, at being payable on thereafter, of the first Record Date (hereinaftinterest payment date next precedis after any Record Date but on such principal amount shall bear	system (the "I egistered Owner, the "registered owner, the "registered owner, the on the basis of the the date of it the Interest Rate , 20, and ser except that if the ter defined), such the date of a or before the next	Board"), being an ager specified above, or the vner") the Principal Amf a 360-day year of two is scheduled maturity of e per annum, specified miannually on each date of authentication h principal amount shauthentication, unless sat following interest pa	registered assignee hereof tount, specified above, and elve 30-day months, from the date of its redemption above, with said interest and of this Bond is later than tall bear interest from the such date of authentication tyment date, in which case	
United States of America, without be paid to the registered owner hupon the date fixed for its red	ut exchange or concreof upon prese emption prior to	ollection charges. The pentation and surrender of maturity, at the designature which is the "Part shall be made by the "Registration Book cord Date (hereinafter olely from, funds of the	of this Bond at maturity or gnated payment office of aying Agent/Registrar" for Paying Agent/Registrar to ks" kept by the Paying described) by check drawn he Board required to be on	
shall be sent by the Paying Age				

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 to any designated account within the United States of America. 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 on August [__], 2022 (the "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 Resolution.

* * *

[FORM OF FIRST TWO PARAGRAPHS OF CAPITAL APPRECIATION BONDS]

UNITED STATES OF AMERICA STATE OF TEXAS

NO. CR		M	ATURITY AMOUNT \$
		XAS A&M UNIVERSITY FUND BONDS, SERIES	
INTEREST RATE	MATURITY DATE	ISSUANCE DATE	CUSIP NO.
%	, 20		
REGISTERED OWNER	R:		
MATURITY AMOUNT	Γ:	DOLL	ARS (\$)
representing the princip shall accrete on the orig annum specified above (Resolution), compound year, commencing this Bond showing the Maturity Amount comp	oal amount hereof and actinal principal amount here (subject to rounding to the ed semi-annually on, 20 For convenius "Compounded Amount ounded semiannually at the try AMOUNT OF this B	owner") the Maturity An crued and compounded in eof from the Issuance Date e Compounded Amounts a and ence of reference, a table to the original princip he yield shown on such taken and are payable in lawfurther the conduction of the original princip he yield shown on such taken are payable in lawfurther to the original princip he yield shown on such taken are payable in lawfurther the conduction of the original princip he yield shown on such taken are payable in lawfurther the conduction of the original princip.	nterest hereon. Interest e at the interest rate per as provided in the Bond of each appears on the back of all amount per \$5,000 ble. I money of the United
Amount of this Bond sh of this Bond at maturity	all be paid to the register or upon the date fixed for	charges. The Maturity A ed owner hereof upon presits redemption prior to mature.	sentation and surrender turity, at the designated
Agent/Registrar" for thi on or before the Maturit the amounts required to or other means acceptal the manner set forth in to August [], 2022 (which ownership of the Bonds, payments made with arrangements between the Maturitan acceptance of the property of the Bonds, payments made with arrangements between the Maturitan acceptance of the property of the Bonds, payments made with arrangements between the Maturitan acceptance of the Maturitan acce	s Bond. The Board covery Date for this Bond it we provide for the payment ble to the Paying Agent/I the resolution authorizing the "Resolution"). Notwer Bonds is determined by to the securities deposite	nants with the registered of ill make available to the Is, in immediately available Registrar, of the Maturity the issuance of this Bond ithstanding the foregoing a book entry at a securiory, or its nominee, shall becurities depository. Tern	owner of this Bond that Paying Agent/Registrar funds by wire transfer Amount when due, in I adopted by the Board during any period in ties depository for the be made in accordance

[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			
*[THE BONDS subject to mandatory roon the following dates:	S maturing onedemption at par plus acc	, 20 (The "Term Bonds") sha rued interest in the following principal amo	all be ounts
	OF THE YEAR	<u>AMOUNT</u>	
		(final maturity)	
of the Paying Agent/Rowhile the Bonds are in shall be paid on the dat	egistrar (or by the securiti book-entry-only form). An e of their stated maturity. Tying Agent/Registrar shal	elected by lot or other customary random mees depository in accordance with its proceed by Term Bonds not selected for prior redemped least thirty (30) days prior to each mandal cause a notice of redemption to be given in	dures ption atory
pursuant to the operation of the Board, by the pridays prior to the manda and delivered to the Pa	on of such mandatory redencipal amount of any Terntory redemption date, (1) saying Agent/Registrar at the optional redemption	s for a stated maturity required to be redeced mption provisions may be reduced, at the open Bonds of like stated maturity which, at least hall have been defeased or acquired by the Board, or (2) shall have provisions and not theretofore credited ag	ption st 50 Soard been
on, 20, ar option of the Board, w part, and, if in part, the designated by the Boar multiple of \$5,000), a accrued interest to the ownership of the Bond fewer than all of the I redeemed, the particular	and thereafter may be reder ith funds derived from an particular Bonds, or portion d (provided that a portion t a redemption price equal to date fixed for redemption is is determined by a book Bonds of the same maturity a	fter, the Bonds of this Series scheduled to me emed prior to their scheduled maturities, a y available and lawful source, as a whole, on thereof, to be redeemed shall be selected of a Bond may be redeemed only in an integral to	or in d and egral plus which ds, if to be

*[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 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.

(BOARD SEAL)

* * *

^{*} Marked provisions shall be conformed to the applicable terms identified in the Award Certificate

[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") in each of the years in the principal amounts and bearing interest at the per annum rates set forth in the following schedule:

YEARS OF PRINCIPAL INTEREST STATED MATURITY AMOUNTS RATES

[Information from Award Certificate to be inserted]

from the
edemption
id interest
and
later than
t from the
nentication
which case
te."
edemptic id intere ar later that t from the nentication which case

C. The Initial Bond shall be numbered "T-1".

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 (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") in each of the years in the principal amounts and bearing interest at the per annum rates set forth in the following schedule:

YEARS OF PRINCIPAL INTEREST STATED MATURITY AMOUNTS RATES

[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-l".

* * *

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 here	eby sells, assigns and transfers unto
Please insert Social Security or Taxpa	yer Identification Number of Transferee
(Please print or typewrite name and ad	dress, including zip code, of Transferee.)
	, and hereby irrevocably constitutes and appoints, attorney, to register the transfer of the ation thereof, with full power of substitution in the
premises. Dated:	mon mercor, with run power of substitution in the
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.
	Bond relating to redemption may be changed, horized Representative to conform to the terms set

forth in the Award Certificate.

Agenda Item No. 2.1

THE BOARD OF REGENTS THE TEXAS A&M UNIVERSITY SYSTEM

July 27, 2022

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

Subject: Approval of System Internal Audit Plan for Fiscal Year 2023

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 2023, a copy of which is attached to the official minutes."

Respectfully submitted,

Mike Hernandez
Chairman, Committee on Audit

Approved for Legal Sufficiency:

Ray Bonilla
General Counsel



System Internal Audit Department

Fiscal Year 2023 Audit Plan



System Internal Audit Department Fiscal Year 2023 Audit Plan

SYSTEMWIDE

Compliance with Benefits Proportional by Fund Requirements – FY 2022

A&M SYSTEM OFFICES

Debt Service

TEXAS A&M UNIVERSITY

College of Education & Human Development – Information Technology
Health and Safety
Health Science Center – Academic and Research Information Technology
Health Science Center – Center for Innovation in Advanced Development and Manufacturing
Learning Management System
Payroll
Residence Life
Sponsored Research Services
Transportation Services
Utilities and Energy Services

PRAIRIE VIEW A&M UNIVERSITY

Learning Management System Payroll

TARLETON STATE UNIVERSITY

Learning Management System Programs for Minors

TEXAS A&M INTERNATIONAL UNIVERSITY

Information Technology

TEXAS A&M UNIVERSITY-CENTRAL TEXAS

Higher Education Emergency Relief Fund (HEERF) Compliance

TEXAS A&M UNIVERSITY-COMMERCE

Learning Management System Tuition and Fees



System Internal Audit Department Fiscal Year 2023 Audit Plan

TEXAS A&M UNIVERSITY-CORPUS CHRISTI

Higher Education Emergency Relief Fund (HEERF) Compliance Tuition and Fees

TEXAS A&M UNIVERSITY-KINGSVILLE

Higher Education Emergency Relief Fund (HEERF) Compliance University Housing and Residence Life

TEXAS A&M UNIVERSITY-SAN ANTONIO

Higher Education Emergency Relief Fund (HEERF) Compliance

TEXAS A&M UNIVERSITY-TEXARKANA

Higher Education Emergency Relief Fund (HEERF) Compliance

WEST TEXAS A&M UNIVERSITY

Higher Education Emergency Relief Fund (HEERF) Compliance Programs for Minors

TEXAS A&M AGRILIFE RESEARCH

Export Controls

TEXAS A&M ENGINEERING EXPERIMENT STATION

Export Controls

TEXAS A&M FOREST SERVICE

Financial Management Services

TEXAS DIVISION OF EMERGENCY MANAGEMENT

Disaster Finance



System Internal Audit Department Fiscal Year 2023 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 2023. 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 the Project Scope and Budget, Appropriation for Construction Services,

and Approval for Construction for the Business Education Complex Project, Texas

A&M University, College Station, Texas (Project No. 02-3279)

Background and Prior Actions:

The Business Education Complex Project was added to the FY 2021 – FY 2025 A&M System Capital Plan approved by the Board at the August 2020 meeting, and amended on the FY 2023 – FY 2027 A&M System Capital Plan approved by the Board at the May 2022 meeting.

Proposed Board Action:

(1) Approve the project scope and budget.

- (2) Appropriate \$76,777,609 for construction services and related project costs. \$7,419,700 has been previously appropriated to this project.
- (3) Approve construction of the Business Education Complex Project at Texas A&M University (Texas A&M).

Funding/Budget Amount:

Funding Source	Budget Amount	Average Estimated Annual <u>Debt Service</u>	Debt Service Source
Permanent University Fund Debt Proceeds	\$19,000,000	\$1,412,020	Available University Fund
Revenue Financing System Debt Proceeds	\$14,378,795	\$979,493	Gifts*
Cash (Gifts)	\$14,378,795	N/A	N/A
Cash (Designated Tuition)	\$19,839,719	N/A	N/A
Cash (Student Fees)	\$16,600,000	N/A	N/A
Total Project Funds	<u>\$84,197,309</u>		

^{*}Currently, 100% of all gifts have been pledged. As required by System Policy 51.04, 50% of the gift funds are in hand, and another 25% of the gifts funds have been pledged. Should Texas A&M fail to receive the remaining \$14,378,795 needed to fund the gift portion of the project, Texas A&M has agreed to make timely payments to the A&M System as necessary to fully service commercial paper or other debt issued to support the project, and such payment shall be made from Designated Tuition.

Note: Any gifts received for this project are hereby appropriated and previous appropriations are reverted from Revenue Financing System Debt Proceeds.

Project Justification:

Business education has always been competitive. However, in more recent years, global competition has become even more acute as business schools abroad compete for the top students and company support. It has become imperative to have state-of-the-art facilities for business education. Mays Business School must recruit and retain the right faculty and staff to build relevant curricula and couple in-class learning with complementary experiential learning opportunities.

Mays Business School Strategic Plan (2017-2021) referenced the proposed expansion, which has evolved to a Business Education Complex and includes a collaboration plaza connecting the Business Library and Collaborations Commons, Business Education Complex, and the Wehner Building. The vision for the new Business Education Complex is to be an environment that promotes connectivity, creativity, and collaboration, which would better reflect how business will be conducted in the future. The Business Education Complex will include spaces for academic innovation through active learning and enhanced student engagement. These active learning classrooms will be configured for students to work in small teams to solve real-world business problems, which will advance the world's prosperity. The new facility will provide spaces for transformational learning, enabling our students to be engaged with scholars and fellow students from around the world empowered by leading edge technology.

The envisioned Business Education Complex will accomplish these goals through the addition of approximately 82,000 gross square feet of space. The site of the new Business Education Complex will provide optimum visibility of the complex with respect to Raymond Stotzer Parkway, Olsen Boulevard and the student pedestrian mall. This location will place the complex at the epicenter of the dynamic west campus. Our planning is in full alignment with the Campus Master Plan.

This project will also address a multitude of critical deferred maintenance projects identified for the Wehner Building. These projects will not only promote the health and safety of visitors to the facility, but also help support Mays Business School into the future as we continue to provide exemplary business education and remain attractive in our recruitment of students, faculty, and staff.

The completion of the Business Education Complex will place Mays Business School at the forefront of business education.

Scope:

The project will include a four-story, approximately 82,000 GSF building and Collaboration Plaza located on Olsen Boulevard, northeast of the Wehner Building.

The project also includes Deferred Maintenance for the Wehner Building which includes refurbishing Air Handler Units/HVAC equipment and repairing/waterproofing the building envelope.

Construction on this project is scheduled to start in September 2022 with substantial completion scheduled for October 2024. The total project budget is \$84,197,309.

Other Major Fiscal Impacts:

None.

Strategic Plan Imperative(s) this Item Advances:

The Business Education Complex supports the imperatives in The Texas A&M University System Strategic Plan with specific impact in the following areas:

(3) "Our students will leave the A&M System as responsible and engaged citizens prepared for successful careers in an increasingly global economy."

The Business Education Complex will provide spaces for active, collaborative and experiential learning. It will position Mays graduates to receive a higher return on investment because of the increased opportunities Mays is able to provide through our leading-edge facilities. Learning experiences in the Business Education Complex will enhance career readiness and attract toptier employers and partners.

(4) "The A&M System will increase its prominence by building a robust and targeted research portfolio."

The Business Education Complex will help attract and retain world-class faculty, providing innovative environments for research and collaboration. This includes spaces for research that enhances societal impact and attracts funding sources.

(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 Business Education Complex is a prudent investment in the future of business education. It will include spaces that are on the leading edge of academic excellence and applied technology. It will also be reflective of the types of environments where Mays students will work upon graduation. The complex will include spaces for lifelong learning and professional development through the Center for Executive Development.

THE TEXAS A&M UNIVERSITY SYSTEM FACILITIES PLANNING AND CONSTRUCTION

Office of the Deputy Chancellor and Chief Financial Officer July 1, 2022

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 Business Education Complex Project, Texas A&M University, College Station, Texas (Project No. 02-3279)

I recommend adoption of the following minute order:

"The project scope along with a project budget of \$84,197,309 for the Business Education Complex Project is approved.

The amount of \$19,000,000 is appropriated from Account No. 01-084243 Permanent University Fund Debt Proceeds, (AUF), the amount of \$14,378,795 is appropriated from Account No. 01-083540 Revenue Financing System Debt Proceeds, (Gifts) the amount of \$14,378,795 is appropriated from Account No. 02-514173 Business Education Complex Fund, the amount of \$19,839,719 is appropriated from Account No. 02-808826 Wehner Building Addition, and the amount of \$9,180,300 is appropriated from Account No. 02-808804 Wehner Building DM, for construction services and related project costs.

The Business Education Complex 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,
	Billy Hamilton Deputy Chancellor and Chief Financial Officer
Approval Recommended:	Approved for Legal Sufficiency:
John Sharp Chancellor	Ray Bonilla General Counsel
Phillip Ray Vice Chancellor for Business Affairs	
M. Katherine Banks, Ph.D., President Texas A&M University	

ATTACHMENT TO ITEM

BUSINESS EDUCATION COMPLEX TEXAS A&M UNIVERSITY PROJECT NO. 02-3279

1.	Construction	\$64,992,648
2.	Project Contingency	3,031,715
3.	Program of Requirements	155,900
4.	Pre-Construction Services	4,957,285
5.	Commissioning	60,000
6.	Construction Testing	553,000
7.	Campus Services & Technology	151,600
8.	Furnishings	3,928,000
9.	Equipment	3,784,679
10.	Other Project Costs	321,785
11.	Project Management & Inspection	\$ <u>2,260,697</u>
12.	TOTAL ESTIMATED COST OF PROJECT	\$84,197,309

PROJECT SCHEDULE

BUSINESS EDUCATION COMPLEX TEXAS A&M UNIVERSITY PROJECT NO. 02-3279

1.	Issue A/E RFQ	January 26, 2021
2.	Issue CMAR RFP	February 9, 2021
3.	Receive A/E RFQ Responses	
4.	Shortlist A/E Firms	March 25, 2021
5.	Receive CMAR RFP Response	March 30, 2021
6.	Interview A/E Shortlist	April 7, 2021
7.	Shortlist CMAR Firms	April 9, 2021
8.	Interview CMAR Firms	April 16, 2021
9.	A/E Ranked Order Approved by Chancellor	April 21, 2021
10.	CMAR Ranked Order Approved by Chancellor	April 27, 2021
11.	Execute A/E Agreement	May 26, 2021
12.	Execute CMAR Agreement	June 14, 2021
13.	Complete Schematic Design	September 10, 2021
14.	Complete Design Development	May 5, 2022
15.	Receive GMP from CMAR	June 30, 2022
16.	Submit THECB Application	June 30, 2022
17.	BOR Approval for Construction	August 10, 2022
18.	Complete Construction Documents	September 1, 2022
19.	Begin Construction	September 12, 2022
20.	Substantial Completion	October 2024
21.	Owner Occupancy	November 2024



Business Education Complex

Texas A&M University

Project No. 02-3279

TEXAS A&M UNIVERSITY PERMANENT UNIVERSITY FUND 02-3279 Business Education Complex Available University Fund

Dates	Outstanding Principal	Principal Amount	Interest Amount	Annual Total
DONIDO	40.400.000.00			
BONDS	19,190,000.00			
YEAR 1	18,545,000.00	645,000.00	767,600.00	1,412,600.0
YEAR 2	17,875,000.00	670,000.00	741,800.00	1,411,800.0
YEAR 3	17,180,000.00	695,000.00	715,000.00	1,410,000.0
YEAR 4	16,455,000.00	725,000.00	687,200.00	1,412,200.0
YEAR 5	15,700,000.00	755,000.00	658,200.00	1,413,200.0
YEAR 6	14,915,000.00	785,000.00	628,000.00	1,413,000.0
YEAR 7	14,100,000.00	815,000.00	596,600.00	1,411,600.0
YEAR 8	13,250,000.00	850,000.00	564,000.00	1,414,000.0
YEAR 9	12,370,000.00	880,000.00	530,000.00	1,410,000.0
YEAR 10	11,450,000.00	920,000.00	494,800.00	1,414,800.0
YEAR 11	10,495,000.00	955,000.00	458,000.00	1,413,000.0
YEAR 12	9,505,000.00	990,000.00	419,800.00	1,409,800.0
YEAR 13	8,475,000.00	1,030,000.00	380,200.00	1,410,200.0
YEAR 14	7,400,000.00	1,075,000.00	339,000.00	1,414,000.0
YEAR 15	6,285,000.00	1,115,000.00	296,000.00	1,411,000.0
YEAR 16	5,125,000.00	1,160,000.00	251,400.00	1,411,400.0
YEAR 17	3,920,000.00	1,205,000.00	205,000.00	1,410,000.0
YEAR 18	2,665,000.00	1,255,000.00	156,800.00	1,411,800.0
YEAR 19	1,360,000.00	1,305,000.00	106,600.00	1,411,600.0
YEAR 20	, , <u>-</u> <u>-</u>	1,360,000.00	54,400.00	1,414,400.0
		\$ 19,190,000.00	\$ 9,050,400.00	\$ 28,240,400.0

Estimated issuance costs and rounding of \$190,000 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 06/10/2022

Rates are subject to market change. Amounts are preliminary estimates that will be revised at the time bonds are issued.

TEXAS A&M UNIVERSITY REVENUE FINANCING SYSTEM 02-3279 Business Education Complex Gifts

5 .	Outstanding	Principal	Interest		Coverage
Dates	Principal	Amount	Amount	Annual Total	1.15x
BONDS	14,525,000.00				
YEAR 1	14,200,000.00	325,000.00	653,625.00	978,625.00	1,125,418
YEAR 2	13,860,000.00	340,000.00	639,000.00	979,000.00	1,125,850
YEAR 3	13,505,000.00	355,000.00	623,700.00	978,700.00	1,125,505
YEAR 4	13,135,000.00	370,000.00	607,725.00	977,725.00	1,124,383
YEAR 5	12,745,000.00	390,000.00	591,075.00	981,075.00	1,128,236
YEAR 6	12,340,000.00	405,000.00	573,525.00	978,525.00	1,125,303
YEAR 7	11,915,000.00	425,000.00	555,300.00	980,300.00	1,127,345
YEAR 8	11,470,000.00	445,000.00	536,175.00	981,175.00	1,128,351.
YEAR 9	11,005,000.00	465,000.00	516,150.00	981,150.00	1,128,322.
YEAR 10	10,520,000.00	485,000.00	495,225.00	980,225.00	1,127,258
YEAR 11	10,015,000.00	505,000.00	473,400.00	978,400.00	1,125,160
YEAR 12	9,485,000.00	530,000.00	450,675.00	980,675.00	1,127,776.
YEAR 13	8,930,000.00	555,000.00	426,825.00	981,825.00	1,129,098
YEAR 14	8,350,000.00	580,000.00	401,850.00	981,850.00	1,129,127.
YEAR 15	7,745,000.00	605,000.00	375,750.00	980,750.00	1,127,862
YEAR 16	7,115,000.00	630,000.00	348,525.00	978,525.00	1,125,303
YEAR 17	6,455,000.00	660,000.00	320,175.00	980,175.00	1,127,201
YEAR 18	5,765,000.00	690,000.00	290,475.00	980,475.00	1,127,546
YEAR 19	5,045,000.00	720,000.00	259,425.00	979,425.00	1,126,338.
YEAR 20	4,295,000.00	750,000.00	227,025.00	977,025.00	1,123,578
YEAR 21	3,510,000.00	785,000.00	193,275.00	978,275.00	1,125,016
YEAR 22	2,690,000.00	820,000.00	157,950.00	977,950.00	1,124,642
YEAR 23	1,830,000.00	860,000.00	121,050.00	981,050.00	1,128,207
YEAR 24	935,000.00	895,000.00	82,350.00	977,350.00	1,123,952
YEAR 25	- <u>-</u>	935,000.00	42,075.00	977,075.00	1,123,636
		\$ 14,525,000.00	\$ 9,962,325.00	\$ 24,487,325.00	\$ 28,160,423

Estimated issuance costs and rounding of \$146,205 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 06/30/2022

Rates are subject to market change. Amounts are preliminary estimates that will be revised at the time bonds are issued.

The backup source of repayment for Gifts is Designated Tuition

AGENDA ITEM BRIEFING

Submitted by: Kelly M. Miller, President

Texas A&M University-Corpus Christi

Subject: Approval to Amend the FY 2023 – FY 2027 Texas A&M System Capital Plan to

Add the Student Services Center Renovation Project, and Approval of the Project Scope and Budget, Appropriation for Pre-Construction and Construction Services, and Approval for Construction for the Student Services Center Renovation, Texas A&M University-Corpus Christi, Corpus Christi, Texas

(Project No. 157205FY21)

Background and Prior Actions:

None.

Proposed Board Action:

- (1) Amend the FY 2023 FY 2027 A&M System Capital Plan to add the Student Services Center Renovation Project with an FY 2023 Start Date.
- (2) Approve the project scope and budget.
- (3) Appropriate \$6,600,000 for pre-construction services, construction services and related project costs.
- (4) Approve construction of the Student Services Center Renovation at Texas A&M University-Corpus Christi (A&M-Corpus Christi).

Funding/Budget Amount:

Funding Source	Budget Amount	Average Estimated Annual <u>Debt Service</u>	Debt Service Source
Revenue Financing System Debt Proceeds	\$4,600,000	\$403,695	Higher Education Funding
Revenue Financing System Debt Proceeds	\$2,000,000	\$175,593	Investment Earnings
Total Project Funds	<u>\$6,600,000</u>		

Project Justification:

This project will provide improvements to facility operating efficiency and environment, asbestos abatement, fire and life safety systems, ADA compliance and access, improvement to the building automation system, and indoor air quality ventilation enhancements. The increased efficiency and environment will help departments including Admissions, Financial Aid, and the Bursar's office provide a seamless process for students in the enrollment process, further enhancing their success and experience. The request further decreases the university's overall deferred maintenance by \$8,500,000.

Scope:

Texas A&M University-Corpus Christi intends to renovate the existing Student Services Center. The existing structure was first opened in 1963 as the campus library and consists of 23,016 gross square feet of space. The building is centrally located within the major academic and student support buildings of the campus. As the name suggests, the current use of the building is general student services and student admissions.

The renovation will consist of new curtain wall and glazing, new mechanical ductwork, new automatic sliding doors, accessibility improvements, restroom upgrades, new suspended ceiling, new fire suppression sprinkler riser room, new fire suppression sprinkler system, new exterior stair and ramp, and new exterior door(s).

Construction on this project is scheduled to start in August 2022 with substantial completion scheduled for February 2023. The total project budget is \$6,600,000.

Other Major Fiscal Impacts:

None.

Strategic Plan Imperative(s) this Item Advances:

This Student Services Center Renovation Project supports the following A&M System Strategic Plan Imperatives:

Imperative 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.

This project will aid the campus in serving its students' administrative needs by increasing the functionality of the student services function. This project maintains the student services function in the location where the students are accustomed to it contributing to the functionality of the services it provides.

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.

By reusing the existing Student Services Building, the campus is maximizing the capital investment the A&M System has invested in this function. The existing Student Services Building is generally serviceable and has value as a building, in the center of campus, which is already constructed and usable for its intended function.

TEXAS A&M UNIVERSITY-CORPUS CHRISTI

Office of the President June 30, 2022

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

Subject: Approval to Amend the FY 2023 – FY 2027 Texas A&M System Capital Plan to Add the Student Services Center Renovation Project, and Approval of the Project Scope and Budget, Appropriation for Pre-Construction and Construction Services, and Approval for Construction for the Student Services Center Renovation, Texas A&M University-Corpus Christi, Corpus Christi, Texas (Project No. 157205FY21)

I recommend adoption of the following minute order:

"The project scope along with a project budget of \$6,600,000 for the Student Services Center Renovation is approved.

The amount of \$4,600,000 is appropriated from Account No. 01-083540 Revenue Financing System Debt Proceeds (HEF), and the amount of \$2,000,000 is appropriated from Account No. 01-083540 Revenue Financing System Debt Proceeds (Investment Earnings), for pre-construction services, construction services and related project costs.

The Student Services Center Renovation, Texas A&M University-Corpus Christi, Corpus Christi, 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,
	Kelly M. Miller President
Approval Recommended:	Approved for Legal Sufficiency:
John Sharp Chancellor	Ray Bonilla General Counsel
Billy Hamilton Deputy Chancellor and Chief Financial Officer	
Phillip Ray Vice Chancellor for Business Affairs	

38,000

\$_192,000

\$6,600,000

0

STUDENT SERVICES CENTER RENOVATION TEXAS A&M UNIVERSITY-CORPUS CHRISTI PROJECT NO. 157205FY21	PROJECT BUDGET
1. Construction	
2. Project Contingency	461,000
3. Program of Requirements	18,000
4. Pre-Construction Services	557,000
5. Commissioning	0
6. Construction Testing	0
7. Campus Services & Technology	125,000
8. Furnishings	600,000

9. Equipment

10. Other Project Costs.....

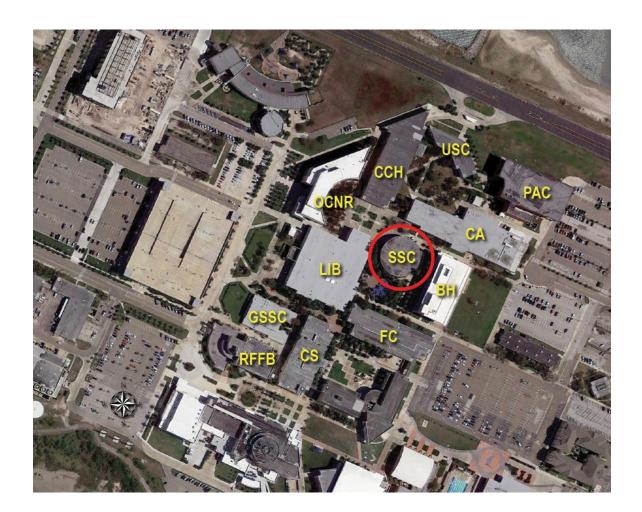
11. Project Management & Inspection.....

12. TOTAL ESTIMATED COST OF PROJECT.....

PROJECT SCHEDULE

STUDENT SERVICES CENTER RENOVATION TEXAS A&M UNIVERSITY-CORPUS CHRISTI PROJECT NO. 157205FY21

1.	A/E Design Kick-Off	September 23, 2021
2.	Complete Schematic Design	October 15, 2021
3.	Execute A/E Agreement	November 3, 2021
4.	Complete Design Development	January 14, 2022
5.	Complete Construction Design	March 08, 2022
6.	Advertise for Competitive Sealed Proposals (CSP)	June 10, 2022
7.	Receive CSPs	July 10, 2022
8.	CSP Evaluation	July 15, 2022
9.	BoR Approval for Construction	August 10, 2022
10.	Issue Construction Notice to Proceed	September 1, 2022
11.	Substantial Completion	February 01, 2023
12.	Owner Occupancy	February 15, 2023



Student Services Center Renovation

Texas A&M University-Corpus Christi

Project No. 157205FY21

TEXAS A&M UNIVERSITY - CORPUS CHRISTI REVENUE FINANCING SYSTEM Student Services Center Renovation Higher Education Fund

Dates	Outstanding Principal	Principal Amount	Interest Amount	Annual Total	Coverage 1.15x
	- I				-
BONDS	4,650,000.00				
YEAR 1	4,410,000.00	240,000.00	162,750.00	402,750.00	463,162.
YEAR 2	4,160,000.00	250,000.00	154,350.00	404,350.00	465,002.
YEAR 3	3,900,000.00	260,000.00	145,600.00	405,600.00	466,440.
YEAR 4	3,630,000.00	270,000.00	136,500.00	406,500.00	467,475.
YEAR 5	3,355,000.00	275,000.00	127,050.00	402,050.00	462,357.
YEAR 6	3,070,000.00	285,000.00	117,425.00	402,425.00	462,788.
YEAR 7	2,775,000.00	295,000.00	107,450.00	402,450.00	462,817.
YEAR 8	2,470,000.00	305,000.00	97,125.00	402,125.00	462,443.
YEAR 9	2,150,000.00	320,000.00	86,450.00	406,450.00	467,417.
YEAR 10	1,820,000.00	330,000.00	75,250.00	405,250.00	466,037.
YEAR 11	1,480,000.00	340,000.00	63,700.00	403,700.00	464,255.
YEAR 12	1,130,000.00	350,000.00	51,800.00	401,800.00	462,070
YEAR 13	765,000.00	365,000.00	39,550.00	404,550.00	465,232.
YEAR 14	390,000.00	375,000.00	26,775.00	401,775.00	462,041.
YEAR 15	· - <u>-</u>	390,000.00	13,650.00	403,650.00	464,197.
		\$ 4,650,000.00	\$ 1,405,425.00	\$ 6,055,425.00	\$ 6,963,738.

Estimated issuance costs and rounding of \$50,000 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 06/20/2021

Should HEF not be available after 10 years, the institution will need to provide another source of funding for debt service.

Rates are subject to market change. Amounts are preliminary estimates that will be revised at the time bonds are issued.

TEXAS A&M UNIVERSITY - CORPUS CHRISTI REVENUE FINANCING SYSTEM Student Services Center Renovation Investment Earnings

Dates	Outstanding Principal	Principal Amount	Interest Amount	Annual Total	Coverage 1.15x
	•				
BONDS	2,020,000.00				
YEAR 1	1,915,000.00	105,000.00	70,700.00	175,700.00	202,055
YEAR 2	1,810,000.00	105,000.00	67,025.00	172,025.00	197,828
YEAR 3	1,700,000.00	110,000.00	63,350.00	173,350.00	199,352
YEAR 4	1,585,000.00	115,000.00	59,500.00	174,500.00	200,675
YEAR 5	1,465,000.00	120,000.00	55,475.00	175,475.00	201,796
YEAR 6	1,345,000.00	120,000.00	51,275.00	171,275.00	196,966
YEAR 7	1,220,000.00	125,000.00	47,075.00	172,075.00	197,886
YEAR 8	1,085,000.00	135,000.00	42,700.00	177,700.00	204,355
YEAR 9	945,000.00	140,000.00	37,975.00	177,975.00	204,671
YEAR 10	800,000.00	145,000.00	33,075.00	178,075.00	204,786
YEAR 11	650,000.00	150,000.00	28,000.00	178,000.00	204,700
YEAR 12	495,000.00	155,000.00	22,750.00	177,750.00	204,412
YEAR 13	335,000.00	160,000.00	17,325.00	177,325.00	203,923
YEAR 14	170,000.00	165,000.00	11,725.00	176,725.00	203,233
YEAR 15	, <u>-</u>	170,000.00	5,950.00	175,950.00	202,342
	-	,			
		\$ 2,020,000.00	\$ 613,900.00	\$ 2,633,900.00	\$ 3,028,985

Estimated issuance costs and rounding of \$20,000 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 06/20/2021

Rates are subject to market change. Amounts are preliminary estimates that will be revised at the time bonds are issued.

AGENDA ITEM BRIEFING

Submitted by: M. Katherine Banks, Ph.D., President

Texas A&M University

Subject: Approval of the Project Scope and Budget, Appropriation for Construction

Services, and Approval for Construction for the HVAC System Walton Hall Project, Texas A&M University, College Station, Texas (SSC Project No. 2021-

07629)

Background and Prior Actions:

The HVAC System Walton Hall Project was included as a proposed project on the FY 2021 – FY 2025 A&M System Capital Plan approved by the Board at the August 2020 meeting. Additional funding was added at the August 2021 meeting.

Proposed Board Action:

- (1) Approve the project scope and budget.
- (2) Appropriate \$7,848,823 for construction services and related project costs. \$945,245 was previously appropriated for pre-construction services.
- (3) Approve construction of the HVAC System Walton Hall Project at Texas A&M University (Texas A&M).

Funding/Budget Amount:

Funding Source	Budget Amount	Average Estimated Annual <u>Debt Service</u>	Debt Service Source
Revenue Financing System Debt Proceeds	<u>\$8,794,068</u>	\$599,264	Housing Revenue
Total Project Funds	<u>\$8,794,068</u>		

Project Justification:

Originally constructed in 1931, Walton Hall is a four-story concrete structure consisting of 11 ramps, 162 rooms, shared bathrooms, study room, community kitchen, laundry room and common area/space. Total net assignable square footage is 33,663.

Each room is conditioned by an individual heat pump window unit. The stairwells and landings are not conditioned. The existing heating radiator in each room and all associated piping has reached the end of its useful life and is no longer functional. The existing heat pump window units do not provide adequate dehumidification which has led to ongoing mold and high humidity issues.

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Any mold issues have been remediated when identified and any remaining mold found during the course of this project will also be remediated.

Scope:

This project will replace each individual room window unit and heating radiator with a Variable Refrigerant Flow (VRF) system complete with heat recovery and BACnet controls to provide energy efficient cooling, heating, and humidity control for each room. A humidistat will be incorporated into the system to implement a humidity control strategy at the room level. Each room will receive a wall mounted variable refrigerant flow (VRF) unit, digital thermostat with fan speed and temperature control for students to adjust room comfort within a set range. Conditioned outside air (OA) will be provided via a separate roof top unit to introduce OA to rooms, stairwells, and landings through new ductwork.

Direct Digital Control (DDC) will be incorporated into the new system and will be tied into the campus-wide control system for better energy management and control by Utilities and Energy Services (UES).

General construction will consist of the removal of the window units, heating radiators and all associated piping as well as the relocation of electrical service from window units to VRF equipment.

Construction on this project is scheduled to start in September 2022 with substantial completion scheduled for July 2023. The total project budget is \$8,794,068.

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.

TEXAS A&M UNIVERSITY

Office of the President July 1, 2022

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 System Walton Hall Project, Texas A&M University, College Station, Texas (SSC Project No. 2021-07629)

I recommend adoption of the following minute order:

"The project scope along with a project budget of \$8,794,068 for the HVAC System Walton Hall Project is approved.

The amount of \$7,848,823 is appropriated from Account No. 01-083540, Revenue Financing System Debt Proceeds (Housing Revenue), for construction services and related project costs.

The HVAC System Walton 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,	
	M. Katherine Banks, Ph.D. President	
Approval Recommended:	Approved for Legal Sufficiency:	
John Sharp Chancellor	Ray Bonilla General Counsel	
Billy Hamilton Deputy Chancellor and Chief Financial Officer		
Phillip Ray Vice Chancellor for Business Affairs		

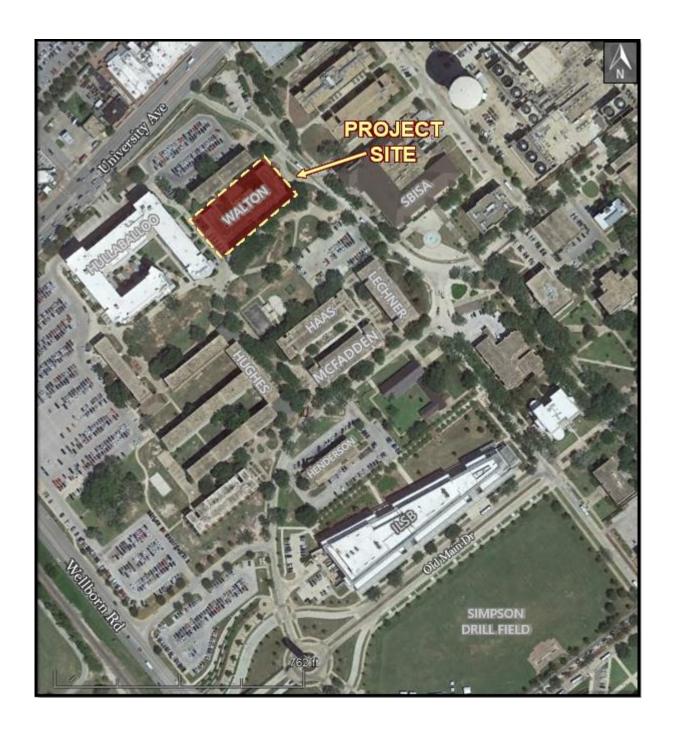
ATTACHMENT TO ITEM

H	IVAC SYSTEM WALTON HALL	PROJECT BUDGET
	EXAS A&M UNIVERSITY SC PROJECT NO. 2021-07629	
D	SCIROSECTIO, 2021-0702)	
1.	Amount Available for Construction Contract	\$7,502,000
2.	Owner's Contingency	375,100
3.	Architectural/Engineering Fees	643,291
4.	SSC Project Management Fees	268,677
5.	SSC/Physical Plant Services	2,500
6.	Energy System Testing & Balancing	<u>2,500</u>
7.	TOTAL ESTIMATED COST OF PROJECT	\$8,794,068

PROJECT SCHEDULE

HVAC SYSTEM WALTON HALL TEXAS A&M UNIVERSITY SSC PROJECT NO. 2021-07629

1.	BOR Approval to Include in Capital Plan	August 2020
2.	Issue A/E Request for Qualifications (RFQ)	April 2021
3.	RFQ Responses Due	May 2021
4.	Execute A/E Agreement	July 2021
5.	Complete Schematic Design	September 2021
6.	Complete Construction Documents	April 15, 2022
7.	Advertise for Competitive Sealed Proposals (CSP)	May 13, 2022
8.	Receive CSPs	June 15, 2022
9.	CSP Evaluation	June 2022
10.	BOR Approval for Construction	August 10, 2022
11.	Execute CSP Agreement	August 30, 2022
12.	Begin Construction	September 2022
13.	Substantial Completion	July 31, 2023
14.	Owner Occupancy	August 1, 2023



HVAC System Walton Hall

Texas A&M University

SSC Project No. 2021-07629

TEXAS A&M UNIVERSITY SYSTEM REVENUE FINANCING SYSTEM HVAC System Walton Hall Housing Revenue

Dates	Outstanding Principal	Principal	Interest Amount	Annual Total	Coverage 1.15x
Dates	Principal	Amount	Amount	Annual Total	1.13%
BONDS	8,885,000.00				
YEAR 1	8,685,000.00	200,000.00	399,825.00	599,825.00	689,798
YEAR 2	8,475,000.00	210,000.00	390,825.00	600,825.00	690,948
YEAR 3	8,260,000.00	215,000.00	381,375.00	596,375.00	685,831
YEAR 4	8,035,000.00	225,000.00	371,700.00	596,700.00	686,205
YEAR 5	7,800,000.00	235,000.00	361,575.00	596,575.00	686,061
YEAR 6	7,550,000.00	250,000.00	351,000.00	601,000.00	691,150
YEAR 7	7,290,000.00	260,000.00	339,750.00	599,750.00	689,712
YEAR 8	7,020,000.00	270,000.00	328,050.00	598,050.00	687,757
YEAR 9	6,735,000.00	285,000.00	315,900.00	600,900.00	691,035
YEAR 10	6,440,000.00	295,000.00	303,075.00	598,075.00	687,786
YEAR 11	6,130,000.00	310,000.00	289,800.00	599,800.00	689,770
YEAR 12	5,805,000.00	325,000.00	275,850.00	600,850.00	690,977
YEAR 13	5,465,000.00	340,000.00	261,225.00	601,225.00	691,408
YEAR 14	5,110,000.00	355,000.00	245,925.00	600,925.00	691,063
YEAR 15	4,740,000.00	370,000.00	229,950.00	599,950.00	689,942
YEAR 16	4,355,000.00	385,000.00	213,300.00	598,300.00	688,045
YEAR 17	3,950,000.00	405,000.00	195,975.00	600,975.00	691,121
YEAR 18	3,530,000.00	420,000.00	177,750.00	597,750.00	687,412
YEAR 19	3,090,000.00	440,000.00	158,850.00	598,850.00	688,677
YEAR 20	2,630,000.00	460,000.00	139,050.00	599,050.00	688,907
YEAR 21	2,150,000.00	480,000.00	118,350.00	598,350.00	688,102
YEAR 22	1,650,000.00	500,000.00	96,750.00	596,750.00	686,262
YEAR 23	1,125,000.00	525,000.00	74,250.00	599,250.00	689,137
YEAR 24	575,000.00	550,000.00	50,625.00	600,625.00	690,718
YEAR 25	· -	575,000.00	25,875.00	600,875.00	691,006
		\$ 8,885,000.00	\$ 6,096,600.00	\$ 14,981,600.00	\$ 17,228,840

Estimated Issuance Costs of \$90,932 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 06/16/2022

Rates are subject to market change. Amounts are preliminary estimates that will be revised at the time bonds are issued.

AGENDA ITEM BRIEFING

Submitted by: Emily F. Cutrer, President

Texas A&M University-Texarkana

Subject: Approval to Amend the FY 2023-FY 2027 Texas A&M University System

Capital Plan to Add the BLV HVAC Replacement Project for Texas A&M University-Texarkana with an FY 2023 Start Date (Project No.2022- TAMUT-

214)

Proposed Board Action:

(1) Amend the approved FY 2023-FY 2027 Texas A&M University System Capital Plan to add the BLV HVAC Replacement Project for Texas A&M University-Texarkana (A&M-Texarkana) with an FY 2023 start date and a total planning amount of \$6,200,000.

(2) Appropriate \$620,000 for pre-construction services and related project costs.

Funding/Planning Amount:

Funding Source	Planning <u>Amount</u>	Average Estimated Annual <u>Debt Service</u>	Debt Service Source
CASH (Repair and Maintenance Reserves)	\$ 1,750,000	N/A	N/A
CASH (HEERF Lost Revenue Reserve)	\$ 1,500,000	N/A	N/A
CASH (HEERF SIP/Institutional)	\$ 2,000,000	N/A	N/A
CASH (Designated Reserves)	<u>\$ 950,000</u>	N/A	N/A
Total Project Cost	<u>\$6,200,000</u>		

Project Justification:

The current heating, ventilation, and air conditioning (HVAC) system in the A&M-Texarkana Bringle Lake Village dormitory has been in service for over 13 years and a study of the system has

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revealed that it cannot efficiently handle proper airflow, air exchange, and humidity levels within the space. This results in some spaces within the envelope of the building that are either too cool, too hot, or contain excessive moisture. The inability to control the exchange of conditioned air relative to the external exhaust of air causes moisture buildup. In addition, these systems are failing more frequently as each year passes. The system failures have become increasingly more costly and are now totaling over \$200,000 annually in maintenance expenses.

Scope:

The current system, including all external units, internal units, duct work, wiring, thermostats, and venting will be removed. Properly sized external and internal units will be installed. All internal HVAC infrastructure such as wiring, conduit, and insulation will be replaced. New thermostats, control panels, and sensors will be installed to optimize energy efficiency and provide a more controlled and maintainable climate within the building. Where necessary, new sheetrock, framing, and paint will be installed in areas where it is necessary to remove walls, ceilings, and/or entryways.

Other Major Fiscal Impacts:

Completion of this project will eliminate over \$200,000 in annual maintenance expenses required to keep the failing systems operational.

Strategic Plan Imperative(s) this Item Advances:

Approval of this agenda item will advance The Texas A&M University System strategic imperative 1 by promoting a safe and healthy residential space for students. Controlled and filtered air fosters the good health and well-being of our students.

TEXAS A&M UNIVERSITY-TEXARKANA

Office of the President July 1, 2022

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

Subject: Approval to Amend the FY 2023-FY 2027 Texas A&M University System Capital Plan to Add the BLV HVAC Replacement Project for Texas A&M University-Texarkana with

an FY 2023 Start Date (Project No. 2022-TAMUT-214)

I recommend adoption of the following minute order:

"The request to amend the FY 2023-FY 2027 Texas A&M University System Capital Plan to add the BLV HVAC Replacement Project for Texas A&M University-Texarkana with an FY 2023 start date and a total planning amount of \$6,200,000 is approved.

The amount of \$620,000 is appropriated from Account No. 22-041000 Dept of Education Financial Aid for pre-construction services and related project costs."

	Respectfully submitted,
	Emily F. Cutrer President
Approval Recommended:	Approved for Legal Sufficiency:
John Sharp Chancellor	Ray Bonilla General Counsel
Billy Hamilton Deputy Chancellor and Chief Financial Officer	
Phillip Ray Vice Chancellor for Business Affairs	



BLV HVAC Replacement Project

Texas A&M University-Texarkana

Project No. 2022-TAMUT-214

Facilities Planning & Construction Project Status Report

Effective 07/25/2022

Projects in Planning	38 Projects	\$1,913,119,751
Projects in Design	14 Projects	\$350,316,265
Projects in Construction	20 Projects	\$895,619,718
Projects in Private Development	21 Projects	\$1,198,658,300
Combined Total:	93 Projects	\$4,357,714,034

	Projects in Planning:		
Austin, TX	•		
30-3317	TDEM Headquarters and State Emergency Operations Center	\$370,300,000 FY2022	
Bryan, TX			
01-3372	STEM Education Center at RELLIS*	\$43,425,406 FY2022	
06-3397	Animal Reproductive Biotechnology Center	\$9,991,833 FY2022	
09-3394	TEEX RELLIS Training Props	\$12,900,000 FY2024	
Canyon, TX			
06-3377	Amarillo Research & Extension Center at Canyon	\$30,000,000 FY2023	
18-3364	Renovation of an Education Building*	\$35,000,000 FY2022	
18-3398	Health/Safety Upgrades*	\$9,922,833 FY2022	
College Statio	n, TX		
02-3378	Clinical Veterinary Teaching and Research Complex*	\$175,000,000 FY2022	
02-3403	Olsen Field Renovation	TBD	
02-3404	Ellis Field Area Development	TBD	
Commerce, T	«		
21-3384	Agricultural Multipurpose Education and Training Center*	\$44,922,833 FY2022	
21-3390	New Event Center/Arena	\$58,000,000 FY2024	
21-3401	Morris Recreation Center Expansion	\$15,500,000 FY2024	

Corpus Christi, TX				
15-3268	Arts & Media Building*	\$64,922,833		
Dallas, TX		FY2022		
23-3400	College of Dentistry Main Building Renovation	\$22,400,000		
Ft Marth TV		FY2024		
Ft. Worth, TX 01-3358	Ft. Worth Research & Innovation Center	¢85,000,000		
01-3338	rt. Worth Research & Innovation Center	\$85,000,000 FY2024		
01-3359	Ft. Worth Law & Education Alliance Building	\$85,000,000 FY2023		
02-3367	TAMU School of Law	\$85,000,000		
		FY2024		
04-3379	Expansion of Ft Worth Campus*	\$25,000,000 FY2022		
Galveston, TX		112022		
10-3354	Infrastructure, Dock Improvements, and Ship FF&E - PhII	\$10,000,000		
		FY2022		
10-3381	Engineering Classroom and Research Building*	\$44,992,125 FY2022		
Houston, TX				
23-3320	Texas A&M University TMC3 Biomedical Research Building*	\$100,000,000 FY2022		
23-3399	EnMED Discovery Tower Labs & Office Buildout - Phase I	\$15,000,000		
	,	FY2024		
Killeen, TX				
24-3376	Central Operational Reliability and Efficiency Facility (CORE)*	\$47,500,000 FY2022		
24-3391	Central Texas Research Annex	\$10,000,000		
		FY2025		
Kingsville, TX	Deferred Maintenance*	647.022.022		
17-3383	Deferred Maintenance	\$47,922,833 FY2022		
Laredo, TX				
16-3382	Health Sciences Education and Research Center*	\$30,000,000 FY2022		
16-3392	Western Hemisphere Trade Center Expansion*	\$10,800,000 FY2023		
16-3393	Fine and Performing Arts Addition*	\$9,400,000		

FY2023

McAllen, TX		
23-3374	Nursing Education and Research Building - McAllen*	\$49,948,556
		FY2022
Prairie View,		
05-3370	Fire Alarm System Replacements PH2	\$11,002,000 FY2022
05-3380	Teaching and Academic Student Support Services Facility*	\$44,922,833 FY2022
San Antonio,	тх	
25-3387	Public Health and Education Building*	\$44,922,833 FY2022
25-3402	Educare Building	\$20,000,000 FY2024
Stephenville,	тх	
04-3360	Health Sciences & Human Services Building - Stephenville*	\$80,000,000 FY2022
04-3361	Dick Smith Library Renovation & Expansion	\$9,500,000 FY2023
04-3396	Convocation Center	\$110,000,000 FY2023
Texarkana, T	(
22-3385	Business, Engineering, and Technology Building*	\$44,922,833 FY2022
Total of Proj	ects in Planning	\$1,913,119,751
*CCAP project	s will not move forward until Legislative requirements are met, POR is cor	mplete and funding is finalized.
	Projects in Design:	
Bryan, TX		
26-3350 Power En	RELLIS Substation gineers via BTU/City of Bryan	\$6,391,000
26-3365 Gessner E	RELLIS Campus Infrastructure Phase 4B ingineering, LLC	\$7,744,000
28-3341	TEES Detonation Research Test Facility	\$5,000,000

\$8,979,500

Gessner Engineering, LLC

Bain Athletic Expansion Phase II

Canyon, TX

18-3363

Sims + Architects

College Station, TX	
02-3279 Business Education Complex Kirksey Architecture	\$79,197,309
02-3345 CUP Generator Replacement Project Burns & McDonnell Engineering	\$26,500,000
02-3347 Doherty Building Renovation Gensler & Associates	\$20,000,000
06-3344 Borlaug Center Renovation + Addition EYP Architecture & Engineering	\$49,004,456
28-3324 Nuclear Engineering Education Building PACT Design Studio, LLC	\$11,500,000
Commerce, TX	
21-3337 Student Services Building PBK Architects	\$19,500,000
Galveston, TX	
10-3353 Infrastructure, Dock Improvements, and Ship FF&E - PhI Shah Smith and Associates	\$35,000,000
San Antonio, TX	
25-3305 New Recreation Center Marmon Mok	\$18,000,000
25-3309 TAMU-San Antonio Housing Phase II WestEast Design Group	\$32,500,000
Stephenville, TX	
O4-3326 Tarleton State University Parking Garage Corgan	\$31,000,000
Total of Projects in Design	\$350,316,265

Bryan, TX **RELLIS Campus Infrastructure Phase III-A** 01-3323 \$15,853,953 **Bartlett Cocke General Contractors** Substantial Completion Date: 07/26/2022 Status: On Schedule Construction Work Completed: 98% **RELLIS Runway 35R Rehabilitation** 01-3331 \$5,372,000 Quad-Tex Construction, Inc. Substantial Completion Date: 01/20/2023 On Schedule Construction Work Completed: Status: 59% 28-3230 **Industrial Distribution Building No. 1** \$20,020,000 Substantial Completion Date: J. T. Vaughn Construction, LLC 05/15/2023 On Schedule Status: Construction Work Completed: 40%

Projects in Construction:

28-3298	Innovative Technologies Development Comp	lex	\$76,274,018
J. T. Vaugh	nn Construction, LLC	Substantial Completion Date:	06/30/2022
Status:	Warranty	Construction Work Completed:	100%
28-3321	Ballistic Aero-Optics and Materials Facility		\$54,626,000
Bartlett Co	ocke General Contractors	Substantial Completion Date:	05/23/2023
Status:	On Schedule	Construction Work Completed:	42%
28-3322	BCDC: Innovation Proving Grounds		\$29,822,112
J. T. Vaugh	nn Construction, LLC	Substantial Completion Date:	08/11/2022
Status:	On Schedule	Construction Work Completed:	94%
30-3338	TDEM Warehouse at RELLIS		\$32,283,000
Tellepsen	Builders, L.P.	Substantial Completion Date:	06/20/2023
Status:	On Schedule	Construction Work Completed:	11%
College Statio	n, TX		
02-3267	South Campus Recreation Center		\$35,062,500
Manhatta	n Construction Company	Substantial Completion Date:	07/13/2022
Status:	Substantially Complete	Construction Work Completed:	97%
02-3272	Instructional Laboratory & Innovative Learni	ng Building (ILSQ)	\$100,059,818
	nn Construction, LLC	Substantial Completion Date:	10/28/2022
Status:	On Schedule	Construction Work Completed:	92%
02-3277	West Campus Dining Facility		\$15,000,000
	ster Construction LLC	Substantial Completion Date:	01/14/2022
Status:	Substantially Complete	Construction Work Completed:	99%
02-3316	SUP3 Expansion	·	\$20,930,520
	nanical, LTD.	Substantial Completion Date:	06/15/2023
Status:	On Schedule	Construction Work Completed:	35%
02-3343A	The Bright Building Area Development	·	\$180,000,000
	n Construction Company	Substantial Completion Date:	08/01/2024
Status:	On Schedule	Construction Work Completed:	4%
	Bright Area Development - New Indoor Track	·	
02-3343B	mmercial, LP	Substantial Completion Date:	\$55,000,000 12/01/2023
Status:	On Schedule	Construction Work Completed:	12/01/2023
		•	
09-3269	Brayton New Administrative and Classroom ocke General Contractors	Substantial Completion Date:	\$31,945,000
Status:	On Schedule	Construction Work Completed:	05/02/2023 38%
Ft. Worth, TX	On Schedule	construction work completed.	3676
04-3281	Interprofessional Education Building	C. bata attal Canadatta a Bata	\$66,000,000
	nstruction Group, LLC	Substantial Completion Date:	03/22/2024
Status:	On Schedule	Construction Work Completed:	10%
Prairie View,			
05-3300	Engineering Classroom & Research Building		\$70,000,000
_	nn Construction, LLC	Substantial Completion Date:	05/26/2023
Status:	On Schedule	Construction Work Completed:	65%

San Antonio, TX

25-3265	Academic and Administration Building	- Phase II	\$53,000,000
Thos. S. Byrne, Inc.		Substantial Completion Date:	11/23/2022
Status:	On Schedule	Construction Work Completed:	87%
30-3375	5 TDEM San Antonio Warehouse Modifications - Phase I		
SSC Service	e Solutions	Substantial Completion Date:	12/15/2022
Status:	On Schedule	Construction Work Completed:	65%
Stephenville,	тх		
04-3264	Aquatics Center		\$11,307,950
Lott Broth	ers Construction Company, Ltd.	Substantial Completion Date:	06/16/2022
Status:	Warranty	Construction Work Completed:	98%
04-3340	Tarleton ESCO 2021		\$13,084,947
Ameresco		Substantial Completion Date:	09/30/2022
Status:	On Schedule	Construction Work Completed:	85%
Total of Proje	ects in Construction		\$895.619.718

Projects in 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	
01-3336	Blinn at RELLIS Phase 2	\$25,600,000	
23-3389	Clinical Building 1 HSC TI Renovations	\$120,000	
23-3405	Clinical Building 1 - 2nd Floor and 3rd Floor Renovations	TBD	
26-3355	BTU Substation at RELLIS	TBD	
Canyon, TX			
18-3332	WTAMU Hotel Development	\$10,000,000	
College Station, TX			
01-3362	2K BioReactor Suite	\$3,820,300	
02-3165	Century Square	\$355,000,000	
02-3289	Intergenerational Living Center	\$35,000,000	
02-3329	Aggie Park	\$25,000,000	
02-3388	Distinguished Alumni Tribute	\$3,900,000	
02-3406	Union Pacific Bush 4141 Locomotive & Marine One Helicopter Pavilion	\$29,000,000	
23-3366	Matica Biotechnology	\$1,518,000	
Commerce, T	<		
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	Innovation Plaza	\$401,000,000
Prairie View,	тх	
05-3335	50 Acre Development Tract	\$80,000,000
Stephenville, TX		
04-3327	Hotel & Conference Center	TBD
Texarkana, TX	C	
22-3217	Student Recreation Center at TAMU-T	\$9,700,000
Total of Proj	ects in Private Development	\$1,198,658,300

AGENDA ITEM BRIEFING

Submitted by: Tim Leach, Chairman, Board of Regents

The Texas A&M University System

Subject: Formation of a Special Committee of the Board of Regents on the Texas A&M University

Corps of Cadets

Proposed Board Action:

Authorize formation of the Board of Regents' (board) Special Committee on the Texas A&M University Corps of Cadets (special committee).

Background Information:

This special committee, comprised of four members of the board, is proposed to facilitate the board's ability to provide appropriate oversight of the development and implementation of plans to expand the Corps of Cadets at Texas A&M University (Texas A&M). This special committee is proposed to be advisory to the full board, i.e., will not have any decision-making authority.

The Corps of Cadets is the oldest student organization at Texas A&M and one of its most visible representations. Participation in the Corps of Cadets was mandatory when Texas A&M opened in 1876. In 1965, under President Gen. James Earl Rudder, membership in the Corps of Cadets ceased to be a requirement. As of fall 2021, the Corps of Cadets has 2,143 members and is the largest uniformed student body in the nation, aside from the military academies.

Texas A&M University recently announced the "March to 3,000," a new campaign to grow the Corps of Cadets to 3,000 members. President Banks has emphasized the importance of the Corps of Cadets to the history of Texas A&M, and expressed a duty to the nation to continue developing leaders of character. General Joe Ramirez, Vice President for Student Affairs, has noted that a larger Corps of Cadets enhances the overall Texas A&M experience for all students.

As part of this effort, Texas A&M has developed new scholarship programs, including the ROTC Patriot Scholarship Program and the Maj. Gen. Raymond L. Murray Scholarship. In addition, the Office of the Commandant is evaluating recruiting and retention strategies for the Corps to ensure best practices are being leveraged both internally and externally.

To accommodate the anticipated growth, two additional Corps dorms are scheduled to be built, with completion set for 2027-28.

The appointment of the special committee of the board will enhance oversight of this initiative of crucial importance to the future of Texas A&M.

Article II, Section 2 of the Bylaws of the Board of Regents provides that the chairman may appoint special committees of the board, subject to the approval of the board. Article IV, Section 8 of the Bylaws specifies that the chairman may appoint special committees with such powers or duties as the board or chairman may determine. The initial term of a special committee is limited to one year, but upon expiration of one year from the date of appointment, the board may authorize the special committee to act for a longer period.

A&M System Funding or Other Financial Implications:

Sufficient funds to support the operating expenses (staff support, travel, etc.) of the special committee are included as part of the overall budget of System Offices.

THE TEXAS A&M UNIVERSITY SYSTEM

Office of the Board of Regents July 14, 2022

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

Subject: Formation of a Special Committee of the Board of Regents on the Texas A&M University Corps of Cadets

I recommend adoption of the following minute order:

"The formation of a Board of Regents' Special Committee on the Texas A&M University Corps of Cadets is hereby approved. Regents Bob Albritton, Randy Brooks, Jay Graham and Mike Plank are appointed to this Special Committee, and Regent Brooks is designated as its chairman. This Special Committee shall be advisory to the Board, shall provide oversight of initiatives relating to the Corps of Cadets at Texas A&M University, and shall report to the Board on significant matters relating to such initiatives as appropriate."

Respectfully submitted,

Tim Leach Chairman

Approved for Legal Sufficiency:					
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.