

MINUTES

REGULAR MEETING

BOARD OF REGENTS

THE TEXAS A&M UNIVERSITY SYSTEM

HELD IN

COLLEGE STATION, TEXAS

August 16, 2018

(Approved November 15, 2018)

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MINUTES
REGULAR MEETING
BOARD OF REGENTS, THE TEXAS A&M UNIVERSITY SYSTEM

August 16, 2018

CONVENE

Chairman Charles W. Schwartz convened a regular meeting of the Board of Regents of The Texas A&M University System at 9:00 a.m., Thursday, August 16, 2018, in the Board Meeting Room on the campus of Texas A&M University, College Station, Texas. The following members of the Board were present:

Mr. Charles W. Schwartz, Chairman
Ms. Elaine Mendoza, Vice Chairman
Mr. Phil Adams
Mr. Robert L. Albritton
Mr. Anthony G. Buzbee
Mr. Tim Leach
Mr. Bill Mahomes
Mr. Clifton L. Thomas, Jr.
Mr. Ervin Bryant, Student Regent

The following member of the Board was not present:

Mr. Morris Foster

RECESS TO EXECUTIVE SESSION

Chairman Schwartz announced that the Board would recess to executive session as permitted by Chapter 551, Sections 71, 72, 73, 74 and 76 of the Texas Government Code. He said in accordance with the law, no final action, decision or vote with regard to any matter considered in executive session would be made or taken.

(Note: The Board met in executive session from 9:01 a.m. until 12:48 p.m.)

RECONVENE

At 1:49 p.m., Chairman Schwartz reconvened the meeting in open session in Bethancourt Ballroom 2300 D&E of the Memorial Student Center, with a quorum present.

INVOCATION

Chairman Schwartz called on Mr. Momoreoluwa Adesanmi, a senior Texas A&M University chemical engineering major from Lagos, Nigeria, raised in Sugarland, who is active in student recruiting and served as a student ambassador, to present the invocation.

CHAIRMAN’S REMARKS

Chairman Schwartz welcomed everyone to the August Board meeting. He introduced Mr. Ervin Bryant, the new student regent appointed by Governor Greg Abbott. He said Student Regent Bryant was a proud Prairie View A&M University student and third-year bachelor’s degree candidate in history and political science, who recently served as an ambassador for White House initiatives on Historically Black Colleges and Universities. Chairman Schwartz pointed out that Student Regent Bryant was attending his first meeting in person as a student regent, and the Board was delighted to have him.

Student Regent Bryant thanked Chairman Schwartz. He said it was an honor to serve on this distinguished board and represent the students across Texas under the A&M System. He added that he took the duty seriously and appreciated the opportunity to serve with them.

Chairman Schwartz said in June, it had been announced that the A&M System, the University of California and Battelle Memorial Institute had been chosen to oversee and operate Los Alamos National Laboratory. He said it was a high honor for Texas A&M and the A&M System to be chosen to serve the country on this important assignment. He added that Dr. Thom Mason, President and Chief Executive Officer (CEO) of the Los Alamos consortium, Triad National Security, LLC, was attending today’s meeting and would serve as laboratory director. He introduced Dr. Marvin Adams, newest professor and director of the Institute of National Security, Education and Research.

Chairman Schwartz reported that Dr. Ray Keck, III, President of Texas A&M University-Commerce, would return to teaching after spending nearly 17 years as president of two universities in the A&M System. He wished Dr. Keck the best of luck and offered his personal congratulations. He said Dr. Keck served as president at Texas A&M International University from 2001 to 2016 and at A&M-Commerce from 2016 to present. Chairman Schwartz advised that the Board would vote on the sole finalist to replace Dr. Keck -- Dr. Mark Rudin. He said Dr. Rudin currently serves as vice president for research and economic development at Boise State University. He added that Mr. Gary Sera, Director of Texas A&M Engineering Extension Service (TEEX), has been with the A&M System since 1988 and led TEEX since 2007, planned to retire this year. Chairman Schwartz said they wished him the best of luck and hoped he enjoyed retirement.

CHANCELLOR’S REMARKS

Chancellor Sharp highlighted accomplishments of the A&M System (a copy of which is on file in the Office of the Board of Regents).

RECESS AND RECONVENE

Chairman Schwartz recessed the meeting at 2:06 p.m.

(Note: On Wednesday, August 15, the Committee on Academic and Student Affairs convened at 2:00 p.m. and adjourned at 4:06 p.m. The Committee on Finance convened at 4:24 p.m. and adjourned at 5:00 p.m. On Thursday, August 16, the Committee on Audit convened at 2:07 p.m. and adjourned at 2:23 p.m. The Committee on Buildings and Physical Plant convened at 2:24 p.m. and adjourned at 2:37 p.m.).

Chairman Schwartz reconvened the meeting at 2:38 p.m.

REPORT FROM THE COMMITTEE ON FINANCE

Regent Mahomes, Chairman of the Committee on Finance, said the committee met the previous day and considered Items 1.1 through 1.3, and recommended these items to the full Board for approval.

On motion of Regent Mahomes, seconded by Regent Adams, with Regent Buzbee voting nay, by a majority vote, the following minute orders were approved (123 through 125):

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**MINUTE ORDER 123-2018 (ITEM 1.1)**

**APPROVAL OF NEW AND INCREASED FEES AT TEXAS A&M UNIVERSITY  
AND TEXAS A&M UNIVERSITY-CORPUS CHRISTI,  
THE TEXAS A&M UNIVERSITY SYSTEM**

A student vote has been held in accordance with the Texas Education Code.

The request for new and increased fees by Texas A&M University and Texas A&M University-Corpus Christi, as shown on the attached exhibit, is approved to be effective with the fall 2019 semester or as shown on the exhibit.

**MINUTE ORDER 124-2018 (ITEM 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,  
THE TEXAS A&M UNIVERSITY SYSTEM**

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.

**MINUTE ORDER 125-2018 (ITEM 1.3)**

**ADOPTION OF A RESOLUTION AUTHORIZING THE ISSUANCE OF THE  
BOARD OF REGENTS OF THE TEXAS A&M UNIVERSITY SYSTEM  
REVENUE FINANCING SYSTEM BONDS, SERIES 20\_\_,  
THE TEXAS A&M UNIVERSITY SYSTEM**

The resolution authorizing the issuance of the Board of Regents of The Texas A&M University System Revenue Financing System Bonds, Series 20\_\_, 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.

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REPORT FROM THE COMMITTEE ON AUDIT

Regent Thomas, Chairman of the Committee on Audit, announced that the committee met earlier in the day, approved Item 2.1 and recommended approval of this item to the full Board.

On motion of Regent Thomas, seconded by Vice Chairman Mendoza, and by a unanimous vote, the following minute order was approved (126):

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**MINUTE ORDER 126-2018 (ITEM 2.1)**

**APPROVAL OF  
SYSTEM INTERNAL AUDIT PLAN FOR FISCAL YEAR 2019,  
THE TEXAS A&M UNIVERSITY SYSTEM**

The Board of Regents of The Texas A&M University System hereby approves the System Internal Audit Plan for Fiscal Year 2019, a copy of which is attached to the official minutes.

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REPORT FROM THE COMMITTEE ON BUILDINGS AND PHYSICAL PLANT

Regent Leach, Chairman of the Committee on Buildings and Physical Plant, said the committee met earlier the same day and recommended to the full Board the approval of Items 3.1 through 3.4.

On motion of Regent Leach, seconded by Regent Adams, and by a unanimous vote, the following minute orders were approved (127 through 130):

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**MINUTE ORDER 127-2018 (ITEM 3.1)**

**APPROVAL OF SYSTEM CAPITAL PLAN FOR FY 2019 - FY 2023,  
THE TEXAS A&M UNIVERSITY SYSTEM**

The system capital plan for FY 2019 - FY 2023, as shown in the attached exhibit is approved and authorization to appropriate up to 10 percent of the planning amount indicated for all FY 2019 proposed projects is granted. In addition, the appropriation of PUF and RFS funding is approved for FY 2019 minor construction, rehabilitation/renovation, and equipment/software procurement projects administered by the institutions or System Facilities Planning and Construction.

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

To the extent that the system capital plan identifies projects for financing through the issuance of parity obligations secured by and payable from revenues of the Revenue Financing System, and as required by Section 5(a) of the Master Resolution of the Revenue Financing System, the board hereby determines that it will have sufficient funds to meet the financial obligations of The Texas A&M University System, including sufficient pledged revenues to satisfy the annual debt service requirements of the Revenue Financing System and to meet all

financial obligations of the board relating to the Revenue Financing System and that the participants, on whose behalf the parity obligations are issued, possess the financial capacity to satisfy their direct obligations after taking into account such proposed additional Revenue Financing System parity obligations as are identified in the system capital plan.

**MINUTE ORDER 128-2018 (ITEM 3.2)**

**APPROVAL OF THE PROJECT SCOPE AND BUDGET,  
APPROPRIATION FOR CONSTRUCTION SERVICES,  
AND APPROVAL FOR CONSTRUCTION FOR THE  
STORM WATER SYSTEM IMPROVEMENTS PROJECT (02-3220),  
TEXAS A&M UNIVERSITY, COLLEGE STATION, TEXAS,  
THE TEXAS A&M UNIVERSITY SYSTEM**

The project scope along with a project budget of \$11,430,000 for the Storm Water System Improvements Project is approved.

The amount of \$10,287,000 is appropriated from Account No. 01-083540 Revenue Financing System Debt Proceeds (Utility Revenue), for construction services and related project costs.

The Storm Water System Improvements 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.

**MINUTE ORDER 129-2018 (ITEM 3.3)**

**APPROVAL OF THE PROJECT SCOPE AND BUDGET,  
APPROPRIATION FOR CONSTRUCTION SERVICES,  
AND APPROVAL FOR CONSTRUCTION FOR THE  
FARM REPAIR AND MODERNIZATION PROJECT (04-3259),  
TARLETON STATE UNIVERSITY, STEPHENVILLE, TEXAS,  
THE TEXAS A&M UNIVERSITY SYSTEM**

The project scope along with a project budget of \$10,900,000 for the Farm Repair and Modernization Project is approved.

The amount of \$9,000,000 is appropriated from Account No. 01-081041 Economic Stabilization Fund, and the amount of \$900,000 is appropriated from Account No. 01-084243 Permanent University Fund Debt Proceeds (AUF), for construction services and related project costs.

The Farm Repair and Modernization Project, Tarleton State University, Stephenville, Texas, is approved for construction.

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

**MINUTE ORDER 130-2018 (ITEM 3.4)**

**APPROVAL OF THE PROJECT SCOPE AND BUDGET,  
APPROPRIATION FOR CONSTRUCTION SERVICES, AND  
APPROVAL FOR CONSTRUCTION FOR THE CAMPUS  
ELECTRICAL SYSTEMS IMPROVEMENTS PROJECT (02-2016),  
TEXAS A&M UNIVERSITY, COLLEGE STATION, TEXAS,  
TEXAS A&M UNIVERSITY**

The project scope along with a project budget of \$8,943,750 for the Campus Electrical Systems Improvements Project is approved.

The amount of \$8,049,750 is appropriated from Account No. 01-083540, Revenue Financing System Debt Proceeds (Utility Revenue), for construction services and related project costs.

The Campus Electrical Systems Improvements 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.

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REPORT FROM THE COMMITTEE ON ACADEMIC AND STUDENT AFFAIRS

Vice Chairman Mendoza, Chairman of the Committee on Academic and Student Affairs, announced that the committee met the previous day. She said the meeting began with a discussion of Pre-K-12. She reported that the committee received a presentation from Ms. Kate Rogers, President of The Holdsworth Center. Vice Chairman Mendoza said the center was focused on the leadership development of superintendents and principals. She advised that the main theory was that leadership mattered to student outcomes. She said this was a philanthropic pursuit of Mr. Charles Butt, President and CEO of HEB Grocery Company, and founder of The Holdsworth Center, and they were doing exciting work.

Vice Chairman Mendoza said the committee also discussed the System's colleges of education's efforts under the flag of LearningU in focus areas of recruitment, development and persistence. She noted that in this case, persistence meant educators remaining in the classroom for over five years. She said Dr. James Hallmark, Vice Chancellor for Academic Affairs, reported on financial literacy in higher education. Vice Chairman Mendoza said they wanted to ensure that students understood the options for funding their education, being able to manage and navigate those options, and what the A&M System was doing to help facilitate. She advised that there would be more to come on that as they moved along.

Vice Chairman Mendoza said Dr. Hallmark introduced new members of his team -- Dr. Shondra Gibson, Associate Vice Chancellor for Academic Affairs, Col. Jerry Smith, Director, Veterans Support Office, A&M System, and Dr. Blake Decker, Assistant Vice Chancellor for Academic Affairs in data science. She added that they had been collecting data for several years in many different aspects and Dr. Decker was beginning to delve into the data to provide learnings from each of the data sets. She said a data point that Dr. Hallmark outlined related to time-to-degree. Vice Chairman Mendoza advised that the average time-to-degree for A&M System institutions decreased from 10.11 semesters in FY 2012 to 9.86 semesters in FY 2017.

Vice Chairman Mendoza emphasized that the 2.47 semester decrease in time-to-degree for the System institutions saved students and the state almost \$4 million. She noted that for tuition and fees, that was a \$1.9 million savings and for state appropriations, it was a \$2.04 million savings. She said if they kept chipping away, it not only benefited the students, but the state. Vice Chairman Mendoza emphasized that they would continue to focus on time-to-degree, as well as the other student outcomes.

ADDITIONAL ITEMS CONSIDERED BY THE BOARD

Chancellor Sharp presented Item 5.1.

On motion of Chairman Schwartz, seconded by Vice Chairman Mendoza, and by a unanimous vote, the following minute order was approved (131):

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**MINUTE ORDER 131-2018 (ITEM 5.1)**

**ADOPTION OF A RESOLUTION HONORING  
DR. RAY M. KECK, III AS PRESIDENT  
OF TEXAS A&M UNIVERSITY-COMMERCE AND  
BESTOWING THE TITLE OF PRESIDENT EMERITUS,  
THE TEXAS A&M UNIVERSITY SYSTEM**

The Board of Regents of The Texas A&M University System adopted the resolution set forth in the attached exhibit.

~~~~~

Dr. Banks presented Item 5.2.

On motion of Regent Buzbee, seconded by Regent Adams, and by a unanimous vote, the following minute order was approved (132):

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**MINUTE ORDER 132-2018 (ITEM 5.2)**

**ADOPTION OF A RESOLUTION HONORING  
GARY F. SERA FOR HIS OUTSTANDING DEDICATION  
AND SERVICE AS AGENCY DIRECTOR OF THE  
TEXAS A&M ENGINEERING EXTENSION SERVICE,  
THE TEXAS A&M UNIVERSITY SYSTEM**

The Board of Regents of The Texas A&M University System adopted the resolution set forth in the attached exhibit.

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Chancellor Sharp presented Item 5.3.

On motion of Vice Chairman Mendoza, seconded by Regent Adams, and by a unanimous vote, the following minute order was approved (133):

(Note: Regent Buzbee recused himself from the vote on Item 5.3.)

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**MINUTE ORDER 133-2018 (ITEM 5.3)**

**ADOPTION OF A RESOLUTION RECOGNIZING OFFICIALS OF  
THE TEXAS A&M UNIVERSITY SYSTEM FOR THEIR CONTRIBUTIONS  
TO THE SUCCESSFUL BID FOR THE MANAGEMENT AND OPERATION OF  
LOS ALAMOS NATIONAL LABORATORY,  
THE TEXAS A&M UNIVERSITY SYSTEM**

The Board of Regents of The Texas A&M University System adopted the resolution set forth in the attached exhibit.

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Dr. Banks and Dr. Mason provided an update on Los Alamos National Laboratory.

Chairman Schwartz announced that Items 5.4 through 5.14, excluding Item 5.11, were considered in executive session. Chancellor Sharp presented Items 5.6 through Item 5.10.

On motion of Regent Mahomes, seconded by Vice Chairman Mendoza, and by a unanimous vote, the following minute orders were approved (134 through 143):

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**MINUTE ORDER 134-2018 (ITEM 5.4)**

**AUTHORIZATION TO PROCEED WITH LITIGATION AGAINST  
JEFF BANKS FOR BREACH OF EMPLOYMENT CONTRACT,  
THE TEXAS A&M UNIVERSITY SYSTEM**

The Chancellor of The Texas A&M University System, or designee, is authorized to proceed with litigation against Jeff Banks for breach of his employment contract with Texas A&M University or, in the alternative, to negotiate an appropriate settlement and resolution of Texas A&M University's claims.

**MINUTE ORDER 135-2018 (ITEM 5.5)**

**ADOPTION OF A RESOLUTION AUTHORIZING INITIATION  
OF LITIGATION SEEKING REFORMATION OF RIGHT OF WAY  
EASEMENTS (WATER PIPELINE) OR, IF NECESSARY, AUTHORITY TO  
INITIATE AN ACTION TO CONDEMN THE EASEMENTS NECESSARY  
TO REPLACE TWO DOMESTIC WATER LINES ACROSS LAND IN  
THE T. MCKINNEY SURVEY, A-33, BRAZOS COUNTY, TEXAS,  
THE TEXAS A&M UNIVERSITY SYSTEM**

The attached Resolution authorizing the initiation of litigation in Brazos County seeking reformation of Right of Way Easements (Water Pipeline) or, if necessary, authority to initiate an action to condemn the easements necessary to replace two domestic water lines across land in the T. McKinney Survey, A-33, Brazos County, Texas, is adopted.

**MINUTE ORDER 136-2018 (ITEM 5.6)**

**APPOINTMENT OF DR. MARGARET K. BANKS AS  
VICE CHANCELLOR FOR ENGINEERING AND NATIONAL LABORATORIES,  
THE TEXAS A&M UNIVERSITY SYSTEM**

Dr. Margaret K. Banks is hereby appointed Vice Chancellor for Engineering and National Laboratories of The Texas A&M University System, effective immediately.

**MINUTE ORDER 137-2018 (ITEM 5.7)**

**APPOINTMENT OF MR. BILLY HAMILTON  
AS DEPUTY CHANCELLOR AND CHIEF FINANCIAL OFFICER,  
THE TEXAS A&M UNIVERSITY SYSTEM**

Mr. Billy Hamilton is hereby appointed Deputy Chancellor and Chief Financial Officer of The Texas A&M University System, effective immediately.

**MINUTE ORDER 138-2018 (ITEM 5.8)**

**APPOINTMENT OF DR. MARK J. RUDIN  
AS PRESIDENT OF TEXAS A&M UNIVERSITY-COMMERCE,  
THE TEXAS A&M UNIVERSITY SYSTEM**

Effective August 17, 2018, Dr. Mark J. Rudin is hereby appointed president of Texas A&M University-Commerce, at an initial salary of \$350,000.

**MINUTE ORDER 139-2018 (ITEM 5.9)**

**APPOINTMENT OF MR. ROBERT “CHARLEY” TODD  
AS INTERIM AGENCY DIRECTOR FOR THE  
TEXAS A&M ENGINEERING EXTENSION SERVICE,  
THE TEXAS A&M UNIVERSITY SYSTEM**

Effective September 1, 2018, Mr. Robert “Charley” Todd is hereby appointed interim agency director for the Texas A&M Engineering Extension Service, at an initial salary of \$192,700.

**MINUTE ORDER 140-2018 (ITEM 5.10)**

**NAMING OF DR. PATRICK J. STOVER  
AS SOLE FINALIST FOR THE POSITION OF  
DIRECTOR OF TEXAS A&M AGRILIFE RESEARCH,  
THE TEXAS A&M UNIVERSITY SYSTEM**

Dr. Patrick J. Stover is hereby named the sole finalist for the position of director of Texas A&M AgriLife Research. As required by state law, final action may be taken after the 21-day notice is given.

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(Note: Item 5.11 was withdrawn prior to the meeting.)

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**MINUTE ORDER 141-2018 (ITEM 5.12)**

**AUTHORIZATION TO GROUND LEASE 30 ACRES OF  
LAND, MORE OR LESS, ON THE RELLIS CAMPUS  
FOR DEVELOPMENT OF A DATA CENTER,  
THE TEXAS A&M UNIVERSITY SYSTEM**

The Chancellor of The Texas A&M University System, or his designee, following legal review by the Office of General Counsel, is authorized to negotiate, execute and deliver a ground lease agreement for 30 acres, more or less, on the RELLIS Campus for the development of a data center, and to take any and all additional action, and execute any and all ancillary documents, deemed necessary to consummate the transaction.

**MINUTE ORDER 142-2018 (ITEM 5.13)**

**AUTHORIZATION TO GROUND LEASE 25 ACRES OF LAND, MORE OR LESS, FOR CONSTRUCTION OF AN INTERGENERATIONAL LIVING FACILITY AND EARLY CHILDHOOD DEVELOPMENT CENTER, THE TEXAS A&M UNIVERSITY SYSTEM**

The Chancellor of The Texas A&M University System, or designee, following legal review by the Office of General Counsel, is authorized to negotiate, execute and deliver a ground lease agreement for construction of an intergenerational living facility and early childhood development center located along South Texas Avenue and Hensel Street in Brazos County, Texas, and to take any and all additional action, and execute any and all ancillary documents deemed necessary, to consummate the transaction.

**MINUTE ORDER 143-2018 (ITEM 5.14)**

**AUTHORIZATION FOR THE TEXAS A&M UNIVERSITY SYSTEM TO TAKE ALL ACTIONS NECESSARY FOR: (1) CONTINUING PARTICIPATION IN THE OPERATIONAL GOVERNANCE AND OVERSIGHT OF THE MANAGEMENT AND OPERATION OF TRIAD NATIONAL SECURITY, LLC, AS THE PRIME CONTRACTOR FOR THE LOS ALAMOS NATIONAL LABORATORY M&O CONTRACT; AND (2) PROVIDING ADMINISTRATIVE SERVICES DURING THE TRANSITION PERIOD AND THEREAFTER, THE TEXAS A&M UNIVERSITY SYSTEM**

The Chancellor for The Texas A&M University System, or designee, is authorized to take all actions necessary for: (1) continuing participation in the operational governance and oversight of the management and operation of Triad National Security, LLC, as the Prime Contractor for the Los Alamos National Laboratory M&O Contract; and (2) providing administrative services during the Transition Period and thereafter. Texas A&M University and the Texas A&M Engineering Experiment Station are authorized to participate in and support this effort, and the Board further authorizes the engagement of system-affiliated organizations, as appropriate.

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CONSENT AGENDA ITEMS

Chairman Schwartz presented Items 6.1 through 6.62.

On motion of Regent Adams, seconded by Regent Leach, and by a unanimous vote, the following minute orders were approved (144 through 205):

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**MINUTE ORDER 144-2018 (ITEM 6.1)**

**APPROVAL OF MINUTES FROM THE  
APRIL 19, 2018, REGULAR MEETING;  
APRIL 20, 2018, SPECIAL WORKSHOP MEETING;  
AND JULY 25, 2018, SPECIAL TELEPHONIC MEETING,  
BOARD OF REGENTS, THE TEXAS A&M UNIVERSITY SYSTEM**

The Minutes of the April 19, 2018, Regular Meeting; the April 20, 2018, Special Workshop Meeting; and the July 25, 2018, Special Telephonic Meeting are hereby approved.

**MINUTE ORDER 145-2018 (ITEM 6.2)**

**GRANTING OF THE TITLE OF EMERITUS, AUGUST 2018,  
THE TEXAS A&M UNIVERSITY SYSTEM**

In recognition of long and distinguished service to The Texas A&M University System, the Board of Regents hereby confirms the recommendation of the Chancellor, and confers the title of “Emeritus” upon the individuals as shown in the attached exhibit, Emeritus Title List No. 18-04, and grants all rights and privileges of this title.

**MINUTE ORDER 146-2018 (ITEM 6.3)**

**GRANTING OF FACULTY DEVELOPMENT LEAVE FOR FY 2019,  
TEXAS A&M UNIVERSITY-COMMERCE**

The Board of Regents of The Texas A&M University System, in accordance with System Policy 31.03, System Regulation 12.99.01 and Sections 51.101-108 of the Texas Education Code, authorizes faculty development leave to the faculty member as shown in the attached exhibit, Faculty Development Leave List FY 2019, Texas A&M University-Commerce.

**MINUTE ORDER 147-2018 (ITEM 6.4)**

**CONFIRMATION OF  
APPOINTMENT AND COMMISSIONING OF PEACE OFFICERS,  
THE TEXAS A&M UNIVERSITY SYSTEM**

In accordance with System Policy 34.06 (Appointment, Commissioning and Authority of Peace Officers), the Board of Regents of The Texas A&M University System confirms the appointment and commissioning of campus peace officers by the presidents of their respective system member universities, in accordance with the requirements of the law, and as shown in the exhibit, attached to the official minutes, subject to their taking the oath required of peace officers.

**MINUTE ORDER 148-2018 (ITEM 6.5)**

**APPROVAL OF REVISIONS TO SYSTEM POLICY 02.08 (SYSTEM EXPANSION),  
THE TEXAS A&M UNIVERSITY SYSTEM**

The revisions to System Policy 02.08 (System Expansion), as shown in the attached exhibit, are approved, effective immediately.

**MINUTE ORDER 149-2018 (ITEM 6.6)**

**APPROVAL OF REVISIONS TO  
SYSTEM POLICY 34.07 (EMERGENCY MANAGEMENT),  
THE TEXAS A&M UNIVERSITY SYSTEM**

The revisions to System Policy 34.07 (Emergency Management), as shown in the attached exhibit, are approved, effective immediately.

**MINUTE ORDER 150-2018 (ITEM 6.7)**

**APPROVAL OF LIST OF AUTHORIZED SIGNERS FOR  
REVOLVING FUND BANK ACCOUNTS FOR SYSTEM MEMBERS,  
THE TEXAS A&M UNIVERSITY SYSTEM**

Under the authority of the General Appropriations Act, and effective immediately, the employees of the A&M System members named below, and their successors in office, are hereby authorized to sign checks for the withdrawal of such funds according to law.

Source of Funds: Institutional Funds (or Qatar Foundation as indicated)

Depository Bank: Wells Fargo Bank, N.A. (or Commercial Bank-Qatar as indicated)

1. **THE TEXAS A&M UNIVERSITY SYSTEM**

Revolving Fund portion not to exceed \$110,000,000 (Operating & Debt Service)

Employees authorized to sign checks:

Maria L. Robinson, Chief Investment Officer and Treasurer

Elaine N. Welch, Associate Director, Financial Management Services

Cindy L. Hanks, Associate Director, Finance

All Texas A&M University Signers listed below

2. **TEXAS A&M UNIVERSITY**

Revolving Fund portion not to exceed \$45,000,000

Employees authorized to sign checks:

John McCall, Associate Vice President for Finance & Controller

Debbie Phair, Director, Financial Management Operations

Phillip Guillen, Director, Departmental Accounting Services

Verna Fritsche, Director of Accounting Services

Janet Guillory, Assistant Controller

Linda Kettler, Assistant Director, Financial Management Operations

TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER

Revolving Fund portion not to exceed \$8,500,000

Employees authorized to sign checks:

All Texas A&M University Signers listed above

TEXAS A&M UNIVERSITY SPONSORED RESEARCH SERVICES

Employees authorized to sign checks:

All Texas A&M University Signers listed above

TEXAS A&M UNIVERSITY AT GALVESTON

Revolving Fund portion not to exceed \$2,000,000

Employees authorized to sign checks:

All Texas A&M University Signers listed above

Susan Hernandez Lee, Vice President for Finance

TEXAS A&M UNIVERSITY AT QATAR

Source of Funds - Qatar Foundation

Depository Bank - Commercial Bank - Qatar

Employees authorized to sign checks:

John McCall, Associate Vice President for Finance and Controller,

Texas A&M University

Janet Guillory, Assistant Controller, Texas A&M University

Joseph P. Pettibon II, Vice President for Enrollment & Academic Services,

Texas A&M University

Cesar O. Malave, Dean, Texas A&M University at Qatar

Rosalie Nickles, Assistant Dean for Finance & Administration,

Texas A&M University at Qatar

Hassan S. Bazzi, Associate Dean for Research, Texas A&M University at Qatar

Ioannis G. Economou, Associate Dean for Academic Affairs,

Texas A&M University at Qatar

Jean Laird, Director of Human Resources, Texas A&M University at Qatar

3. TARLETON STATE UNIVERSITY

Revolving Fund portion not to exceed \$4,500,000

Employees authorized to sign checks:

Rick Richardson, Vice President for Finance & Administration

Lori L. Beaty, Assistant Vice President for Finance & Administration/Controller

Jo Anna Ince, Manager of Accounting Services

Karen Fincher, Manager of Budget Services

Kristel Willingham, Financial Accountant III

Frances Blair, Financial Accountant - ACH/Wire Transfer only

Christina Dunagan, Student Account Specialist III - ACH/Wire Transfer only

Angie Chabina, Student Account Specialist II - ACH/Wire Transfer only

4. PRAIRIE VIEW A&M UNIVERSITY

Revolving Fund portion not to exceed \$7,000,000

Employees authorized to sign checks:

Corey S. Bradford, Senior Vice President for Business Affairs

Rod Mireles, Associate Vice President for Financial Management Services

Cozette Turner, Director

Dianne Evans, Budget Director

Equilla Jackson, Director, Treasury Services - ACH/Wire Transfer only

Martha Ewane, Assist. Director, Treasury Services - ACH/Wire Transfer only Stephanie Redd,

Financial Accountant I - ACH/Wire Transfer only

Ashok Baweja, Financial Accountant I - ACH/Wire Transfer only

5. TEXAS A&M AGRILIFE RESEARCH

Revolving Fund portion not to exceed \$5,000,000

Employees authorized to sign checks:

Patrick Stover, Acting Director  
Bill McCutchen, Executive Associate Director  
Steve Schulze, Assistant Vice Chancellor for Administration  
Deanie Dudley, Assistant Dean, College of Agriculture & Life Sciences  
Debra Cummings, Assistant Director & Chief Financial Officer,  
Texas A&M AgriLife Research  
Donna Alexander, Assistant Director & Chief Financial Officer,  
Texas A&M AgriLife Extension Service  
Vic S. Seidel, Assistant Agency Director, Texas A&M Veterinary  
Medical Diagnostic Laboratory  
Shiao-Yen Ko, Manager of Accounting Services  
Loree Lewis, Coordinator of Management Information  
Kim Payne, Assistant Financial Manager  
Amanda Schaefer, Senior Risk & Compliance Coordinator

6. TEXAS A&M AGRILIFE EXTENSION SERVICE

Revolving Fund portion not to exceed \$3,800,000

Employees authorized to sign checks:

C. Parr Rosson, Interim Director for Ag Extension  
Steve Schulze, Assistant Vice Chancellor for Administration  
Deanie Dudley, Assistant Dean, College of Agriculture & Life Sciences  
Donna Alexander, Assistant Director & Chief Financial Officer,  
Texas A&M AgriLife Extension Service  
Debra Cummings, Assistant Director & Chief Financial Officer,  
Texas A&M AgriLife Research  
Vic S. Seidel, Assistant Agency Director, Texas A&M Veterinary  
Medical Diagnostic Laboratory  
Shiao-Yen Ko, Manager of Accounting Services  
Loree Lewis, Coordinator of Management Information  
Kim Payne, Assistant Financial Manager  
Amanda Schaefer, Senior Risk & Compliance Coordinator

7. TEXAS A&M ENGINEERING EXPERIMENT STATION

Revolving Fund portion not to exceed \$3,000,000

Employees authorized to sign checks:

Margaret K. Banks, Vice Chancellor & Dean of Engineering,  
Director, Texas Engineering Experiment Station  
John Crawford, Assistant Vice Chancellor for Business Management  
& Chief Financial Officer  
Andrew B. Hinton, Controller  
Vacant, Assistant Controller  
Karen Gregory, Assistant Controller  
Adrienne Person, Financial Manager  
Courtney Lawson, Financial Accountant III

TEXAS A&M ENGINEERING EXPERIMENT STATION at QATAR

Source of Funds – Qatar Foundation

Depository Bank – Commercial Bank - Qatar

Employees authorized to sign checks:

John Crawford, Assistant Vice Chancellor for Business Management &  
Chief Financial Officer, Texas A&M Engineering Experiment Station  
Andrew B. Hinton, Controller, Texas A&M Engineering Experiment Station  
Hassan Bazzi, Associate Dean for Research, Texas A&M University at Qatar  
Cesar O. Malave, Dean, Texas A&M University at Qatar

8. TEXAS A&M ENGINEERING EXTENSION SERVICE

Revolving Fund portion not to exceed \$1,000,000

Employees authorized to sign checks:

Robert Todd, Associate Agency Director & Chief Financial Officer  
Brian Stipe, Assistant Chief Financial Officer  
Dianne Smith, Financial Manager  
Carolyn Abt, Financial Manager  
Sandra McKemie, Financial Manager - ACH/Wire Transfer only

9. TEXAS A&M FOREST SERVICE

Revolving Fund portion not to exceed \$3,500,000

Employees authorized to sign checks:

Tom G. Boggus, Director  
Robby DeWitt, Associate Director for Finance & Administration  
Travis Zamzow, Budgets & Accounting Department Head  
Madelyn Galloway, Policy & Review Coordinator  
Claudia Dominguez, Financial Management Supervisor

10. TEXAS A&M TRANSPORTATION INSTITUTE

Revolving Fund portion not to exceed \$1,000,000

Employees authorized to sign checks:

Joseph Dunn, Assistant Agency Director & CFO  
Rodney Horrell, Assistant Chief Financial Officer  
Marie Ethridge, Controller  
Karen Coleman, Manager, Accounting  
Tyler Theobald, Supervisor, Accounting  
Natalie Williams, Financial Accountant III

TEXAS A&M TRANSPORTATION INSTITUTE at QATAR

Source of Funds - Qatar Foundation

Depository Bank - Commercial Bank - Qatar

Employees authorized to sign checks:

Joseph Dunn, Assistant Agency Director & CFO  
Rodney Horrell, Assistant Chief Financial Officer

11. TEXAS A&M UNIVERSITY-CORPUS CHRISTI

Revolving Fund portion not to exceed \$4,250,000

Employees authorized to sign checks:

Kelly Quintanilla, President  
Terry Tatum, Executive Vice President for Finance & Administration & CFO  
Judy Harral, Executive Director of Administrative Services  
Rebecca Torres, Associate Vice President for Finance & Controller  
Jaclyn Mahlmann, Director of Budgets  
Yolanda Castorena, Assistant Comptroller & Director of Accounting  
Will Hobart, Director of Procurement & Disbursements & HUB Coordinator  
Vacant, Executive Director of Advancement Services  
Ida Moreno, Financial Accountant III  
Cassie Eyring, Financial Accountant III  
Vacant, Financial Accountant III  
Eliza Garcia, Financial Accountant II  
Ebony Lotts, Gifts Coordinator  
Erica Rodriguez, Data Entry Specialist  
Suzanne Gonzalez, Data Entry Specialist  
Kristen Contreras, Accounting Assistant III

12. TEXAS A&M INTERNATIONAL UNIVERSITY

Revolving Fund portion not to exceed \$3,000,000

Employees authorized to sign checks:

Pablo Arenaz, President  
Juan J. Castillo, Jr., Vice President for Finance & Administration  
Elena Martinez, Comptroller  
Frederico Juarez III, Director of Budget, Payroll, Grants & Contracts  
Carlos Bella, Assistant Comptroller  
Maria Elena Hernandez, Assistant Comptroller/Receivables  
Melisa Rangel, Financial Accountant IV  
Patricia Ornelas, Financial Accountant IV  
Vacant, Financial Accountant III

13. TEXAS A&M UNIVERSITY-KINGSVILLE

Revolving Fund portion not to exceed \$4,500,000

Employees authorized to sign checks:

Steven H. Tallant, President  
Richard L. Anderson, Interim Vice President for Finance & CFO  
Maricela Cisneros, Executive Director  
Joanne Macias, Executive Director  
Claudia Conard, Financial Analyst II  
Vilma Castillo, Associate Director, Accounting  
Robyn Wallace, Financial Analyst II  
Jonathan Guzman, Property Records Officer

14. TEXAS A&M VETERINARY MEDICAL DIAGNOSTIC LABORATORY

Revolving Fund portion not to exceed \$3,800,000

Employees authorized to sign checks:

Bruce Akey, Director  
Steve Schulze, Assistant Vice Chancellor for Administration  
Vic S. Seidel, Assistant Agency Director  
Deanie Dudley, Assistant Dean, College of Agriculture & Life Sciences  
Donna Alexander, Assistant Director & Chief Financial Officer,  
Texas A&M AgriLife Extension Service  
Debra Cummings, Assistant Director & Chief Financial Officer,  
Texas A&M AgriLife Research  
Shiao-Yen Ko, Manager of Accounting Services  
Loree Lewis, Coordinator of Management Information  
Kim Payne, Assistant Financial Manager  
Amanda Schaefer, Senior Risk & Compliance Coordinator

15. WEST TEXAS A&M UNIVERSITY

Revolving Fund portion not to exceed \$3,750,000

Employees authorized to sign checks:

Randy Rikel, Vice President for Business & Finance  
Mark Hiner, Assistant Vice President  
Shelly Davis, Associate Vice President & Controller  
Todd McNeill, Manager of Accounting  
Julie Harvell, Bursar

16. TEXAS A&M UNIVERSITY-COMMERCE

Revolving Fund portion not to exceed \$5,000,000

Employees authorized to sign checks:

Ray Keck, President  
Alicia Currin, Vice President for Business & Administration  
Paula Hanson, Associate Vice President for Business & Administration & Controller  
Sarah Baker, Director of Accounting & Financial Reporting  
Tina Livingston, Assistant Vice President of Budgets & Business Services  
Janet Anderson, Budget Coordinator  
Erica Contreras, Budget Analyst  
Amanda Reams, Senior Accountant  
Rocio (Rose) Moreno, State Accounting Manager  
Vacant, Staff Accountant  
Kim Jefferies, Coordinator of Gift Processing  
Erin Ham, Property Manager

17. TEXAS A&M UNIVERSITY-TEXARKANA

Revolving Fund portion not to exceed \$1,500,000

Employees authorized to sign checks:

Emily F. Cutrer, President  
James S. Scogin, Vice President for Finance & Administration  
Jackie L. Elder, Controller  
Toni Burton, Director of Accounting  
Cathy Adams, Senior Accountant

18. TEXAS A&M UNIVERSITY-CENTRAL TEXAS

Revolving Fund portion not to exceed \$2,000,000

Employees authorized to sign checks:

Marc Nigliazzo, President

Cynthia Carter-Horn, Vice President of Finance & Administration

Susan Bowden, Controller/Director of Business Affairs

Arnetta Brown, Assistant Controller/Director of Accounting

Eileen Thomas, Senior Accountant

Danielle Clouden, Senior Accountant

19. TEXAS A&M UNIVERSITY-SAN ANTONIO

Revolving Fund portion not to exceed \$2,500,000

Employees authorized to sign checks:

Cynthia Teniente-Matson, President

William Spindle, Vice President for Business Affairs & CFO

Chris Leach, Associate Vice President for Financial Services & Controller

Denis Cano, Associate Controller & Director of Accounting Services

Patricia Hayes, Director of Business Services

Sharon Otholt, Financial Reporting Analyst

**MINUTE ORDER 151-2018 (ITEM 6.8)**

**APPROVAL OF ACADEMIC TENURE, AUGUST 2018,  
PRAIRIE VIEW A&M UNIVERSITY**

The Board of Regents of The Texas A&M University System, in accordance with System Policy 12.01 (Academic Freedom, Responsibility and Tenure), hereby authorizes the granting of tenure to the following faculty member at Prairie View A&M University as set forth in the exhibit, Tenure List No. 18-04.

**MINUTE ORDER 152-2018 (ITEM 6.9)**

**APPROVAL OF ACADEMIC TENURE, AUGUST 2018,  
TARLETON STATE UNIVERSITY**

The Board of Regents of The Texas A&M University System, in accordance with System Policy 12.01 (Academic Freedom, Responsibility and Tenure), hereby authorizes the granting of tenure to the following faculty members at Tarleton State University as set forth in the exhibit, Tenure List No. 18-04.

**MINUTE ORDER 153-2018 (ITEM 6.10)**

**NAMING OF THE  
BILL AND MARSHA RICKETT LIBRARY AND STUDENT COMMONS,  
TARLETON STATE UNIVERSITY**

The Board of Regents of The Texas A&M University System hereby names the portion of the Tarleton State University Fort Worth Building 1, identified as the library/student commons, the “Bill and Marsha Rickett Library and Student Commons.”

**MINUTE ORDER 154-2018 (ITEM 6.11)**

**APPROVAL OF ACADEMIC TENURE, AUGUST 2018,  
TEXAS A&M UNIVERSITY**

The Board of Regents of The Texas A&M University System, in accordance with System Policy 12.01 (Academic Freedom, Responsibility and Tenure), hereby authorizes the granting of tenure to the following faculty members at Texas A&M University as set forth in the exhibit, Tenure List No. 18-04.

**MINUTE ORDER 155-2018 (ITEM 6.12)**

**APPROVAL OF A NEW MASTER OF SCIENCE DEGREE  
PROGRAM WITH A MAJOR IN ENGINEERING TECHNOLOGY,  
AND AUTHORIZATION TO REQUEST APPROVAL FROM THE  
TEXAS HIGHER EDUCATION COORDINATING BOARD,  
TEXAS A&M UNIVERSITY**

The Board of Regents of The Texas A&M University System approves the establishment of a new degree program at Texas A&M University leading to a Master of Science in Engineering Technology.

The Board also authorizes submission of Texas A&M University’s new degree program request to the Texas Higher Education Coordinating Board for approval and hereby certifies that all applicable criteria of the Coordinating Board have been met.

**MINUTE ORDER 156-2018 (ITEM 6.13)**

**APPROVAL OF A NEW BACHELOR OF SCIENCE WITH A MAJOR  
IN ARCHITECTURAL ENGINEERING DEGREE PROGRAM,  
AND AUTHORIZATION TO REQUEST APPROVAL FROM THE  
TEXAS HIGHER EDUCATION COORDINATING BOARD,  
TEXAS A&M UNIVERSITY**

The Board of Regents of The Texas A&M University System approves the establishment of a new degree program at Texas A&M University leading to a Bachelor of Science in Architectural Engineering.

The Board also authorizes submission of Texas A&M University's new degree program request to the Texas Higher Education Coordinating Board for approval and hereby certifies that all applicable criteria of the Coordinating Board have been met.

**MINUTE ORDER 157-2018 (ITEM 6.14)**

**APPROVAL FOR DR. MUSTAFA AKBULUT, A SYSTEM EMPLOYEE, TO  
SERVE AS AN OFFICER, MEMBER OF THE BOARD OF DIRECTORS  
AND EMPLOYEE OF INCENDIUM TECHNOLOGIES, INC., AN  
ENTITY THAT HAS EXECUTED AN AGREEMENT TO LICENSE  
TECHNOLOGY OWNED BY THE TEXAS A&M UNIVERSITY SYSTEM,  
TEXAS A&M UNIVERSITY**

The Board of Regents of The Texas A&M University System approves for Dr. Mustafa Akbulut, an employee of Texas A&M University, to serve, in his individual capacity, as an officer, member of the board of directors and employee of Incendium Technologies, Inc., an entity that entered into an agreement to license technology from The Texas A&M University System relating to the research, development, licensing, or exploitation of intellectual property conceived, created, discovered, invented, or developed by Dr. Akbulut.

**MINUTE ORDER 158-2018 (ITEM 6.15)**

**APPROVAL FOR DR. SEBASTIAN HOYOS, A SYSTEM EMPLOYEE,  
TO SERVE AS AN OFFICER, MEMBER OF THE BOARD OF  
DIRECTORS AND EMPLOYEE OF LASYNC TECHNOLOGIES, INC.,  
AN ENTITY THAT PROPOSES TO LICENSE TECHNOLOGY  
FROM THE TEXAS A&M UNIVERSITY SYSTEM,  
TEXAS A&M UNIVERSITY**

The Board of Regents of The Texas A&M University System approves for Dr. Sebastian Hoyos, an employee of Texas A&M University, to serve, in his individual capacity, as an officer, member of the board of directors and employee of Lasync Technologies, Inc., an entity that proposes to license technology from The Texas A&M University System relating to the research, development, licensing, or exploitation of intellectual property conceived, created, discovered, invented, or developed by Dr. Hoyos.

**MINUTE ORDER 159-2018 (ITEM 6.16)**

**APPROVAL FOR DR. ROOZBEH JAFARI, A SYSTEM EMPLOYEE,  
TO SERVE AS AN OFFICER, MEMBER OF THE BOARD OF  
DIRECTORS AND EMPLOYEE OF SPECTROBEAT, LLC, AN  
ENTITY THAT PROPOSES TO LICENSE TECHNOLOGY  
FROM THE TEXAS A&M UNIVERSITY SYSTEM,  
TEXAS A&M UNIVERSITY**

The Board of Regents of The Texas A&M University System approves for Dr. Roozbeh Jafari, an employee of Texas A&M University, to serve, in his individual capacity, as an officer, member of the board of directors and employee of Spectrobeat, LLC, an entity that proposes to license technology from The Texas A&M University System relating to the research, development, licensing, or exploitation of intellectual property conceived, created, discovered, invented, or developed by Dr. Jafari.

**MINUTE ORDER 160-2018 (ITEM 6.17)**

**AUTHORIZATION FOR THE PRESIDENT TO ANNUALLY  
NEGOTIATE AND EXECUTE AN AGREEMENT(S) AND OTHER  
RELATED DOCUMENTS IN CONNECTION WITH PROVIDING  
U.S. COAST GUARD-REQUIRED TRAINING TO THE LICENSE  
OPTION CADETS OF THE TEXAS A&M MARITIME ACADEMY,  
TEXAS A&M UNIVERSITY**

The Board of Regents of The Texas A&M University System authorizes the president of Texas A&M University to annually negotiate and execute an agreement or agreements and other related documents in connection with the summer training requirements of the license option cadets of the Texas A&M Maritime Academy with any of the following parties:

1. U.S. Maritime Administration (MARAD) and/or any MARAD sub-contractors;
2. California Maritime Academy;
3. Maritime College State University of New York;
4. Massachusetts Maritime Academy;
5. Northwestern Michigan College Great Lakes Maritime Academy; or
6. Maine Maritime Academy,

Subject to review for legal form and sufficiency by the Office of General Counsel. This authorization shall remain in effect for a period of five years, unless earlier withdrawn by the board, or until Texas A&M Maritime Academy has a vessel that is sufficient to meet the annual training needs of its cadets, whichever occurs first, and the total consideration under any agreement shall not exceed \$8,000,000.

**MINUTE ORDER 161-2018 (ITEM 6.18)**

**AUTHORIZATION FOR THE PRESIDENT TO NEGOTIATE AND EXECUTE AN AGREEMENT AND OTHER RELATED DOCUMENTS IN CONNECTION WITH THE DEVELOPMENT AND PRESENTATION OF FINANCIAL PROGRAMS FOR BP AMERICA PRODUCTION COMPANY, TEXAS A&M UNIVERSITY**

The Board of Regents of The Texas A&M University System authorizes the president of Texas A&M University to negotiate and execute a five-year agreement and other related documents in connection with the development and presentation of financial programs for BP America Production Company, subject to review for legal form and sufficiency by the Office of General Counsel.

**MINUTE ORDER 162-2018 (ITEM 6.19)**

**AUTHORIZATION FOR THE PRESIDENT TO NEGOTIATE AND EXECUTE AN AGREEMENT AND OTHER RELATED DOCUMENTS IN CONNECTION WITH THE DEVELOPMENT AND PRESENTATION OF LEADERSHIP PROGRAMS FOR HALLIBURTON ENERGY SERVICES, INC., TEXAS A&M UNIVERSITY**

The Board of Regents of The Texas A&M University System authorizes the president of Texas A&M University to negotiate and execute a five-year agreement and other related documents in connection with the development and presentation of leadership programs for Halliburton Energy Services, Inc., subject to review for legal form and sufficiency by the Office of General Counsel.

**MINUTE ORDER 163-2018 (ITEM 6.20)**

**AUTHORIZATION FOR THE PRESIDENT TO NEGOTIATE AND EXECUTE AN AGREEMENT AND OTHER RELATED DOCUMENTS IN CONNECTION WITH THE FUNDING, SUPPORT, AND COLLABORATIVE OVERSIGHT FOR A PARTNER PROGRAM BY COLLEGE ADVISING CORPS, TEXAS A&M UNIVERSITY**

The Board of Regents of The Texas A&M University System authorizes the president of Texas A&M University to negotiate and execute an agreement and other related documents in connection with the funding, support, and collaborative oversight for a Partner Program by College Advising Corps for the 2018-2019 academic year, subject to review for legal form and sufficiency by the Office of General Counsel.

**MINUTE ORDER 164-2018 (ITEM 6.21)**

**AUTHORIZATION FOR THE PRESIDENT TO NEGOTIATE AND EXECUTE AN AGREEMENT AND OTHER RELATED DOCUMENTS IN CONNECTION WITH ELECTRONIC JOURNAL SUBSCRIPTIONS WITH SAGE PUBLICATIONS, INC. AND THE GREATER WESTERN LIBRARY ALLIANCE, TEXAS A&M UNIVERSITY**

The Board of Regents of The Texas A&M University System authorizes the president of Texas A&M University to negotiate and execute an agreement and other related documents in connection with electronic journal subscriptions with Sage Publications, Inc. and The Greater Western Library Alliance, subject to review for legal form and sufficiency by the Office of General Counsel.

**MINUTE ORDER 165-2018 (ITEM 6.22)**

**AUTHORIZATION FOR THE PRESIDENT TO NEGOTIATE AND EXECUTE AN AGREEMENT AND OTHER RELATED DOCUMENTS IN CONNECTION WITH ELECTRONIC JOURNAL SUBSCRIPTIONS WITH JOHN WILEY & SONS, INC. AND THE GREATER WESTERN LIBRARY ALLIANCE, TEXAS A&M UNIVERSITY**

The Board of Regents of The Texas A&M University System authorizes the president of Texas A&M University to negotiate and execute an agreement and other related documents in connection with electronic journal subscriptions with John Wiley & Sons, Inc. and The Greater Western Library Alliance, subject to review for legal form and sufficiency by the Office of General Counsel.

**MINUTE ORDER 166-2018 (ITEM 6.23)**

**AUTHORIZATION FOR THE PRESIDENT TO NEGOTIATE AND EXECUTE  
AN AGREEMENT AND OTHER RELATED DOCUMENTS IN CONNECTION  
WITH ELECTRONIC JOURNAL SUBSCRIPTIONS WITH  
INFORMA UK LIMITED (TRADING AS TAYLOR & FRANCIS),  
TEXAS A&M UNIVERSITY**

The Board of Regents of The Texas A&M University System authorizes the president of Texas A&M University to negotiate and execute an agreement and other related documents in connection with electronic journal subscriptions with Informa UK Limited (trading as Taylor & Francis), subject to review for legal form and sufficiency by the Office of General Counsel.

**MINUTE ORDER 167-2018 (ITEM 6.24)**

**AUTHORIZATION FOR THE PRESIDENT TO NEGOTIATE AND  
EXECUTE AN AGREEMENT AND OTHER RELATED DOCUMENTS IN  
CONNECTION WITH THE DEVELOPMENT AND ADMINISTRATION  
OF DOMESTIC AND STUDY ABROAD PROGRAMS WITH  
PASSPORTS INC./PASSPORTS EDUCATIONAL GROUP TRAVEL,  
TEXAS A&M UNIVERSITY**

The Board of Regents of The Texas A&M University System authorizes the president of Texas A&M University to negotiate and execute an agreement and other related documents in connection with the development and administration of domestic and study abroad programs with Passports Inc./Passports Educational Group Travel, subject to review for legal form and sufficiency by the Office of General Counsel.

**MINUTE ORDER 168-2018 (ITEM 6.25)**

**AUTHORIZATION FOR THE PRESIDENT TO NEGOTIATE AND  
EXECUTE AN AGREEMENT AND OTHER RELATED DOCUMENTS  
IN CONNECTION WITH THE DEVELOPMENT AND  
ADMINISTRATION OF STUDY ABROAD PROGRAMS WITH  
CASA VERDE RESEARCH CENTER SOCIEDAD ANÓNIMA,  
TEXAS A&M UNIVERSITY**

The Board of Regents of The Texas A&M University System authorizes the president of Texas A&M University to negotiate and execute an agreement and other related documents in connection with the development and administration of study abroad programs with Casa Verde Research Center Sociedad Anónima, subject to review for legal form and sufficiency by the Office of General Counsel.

**MINUTE ORDER 169-2018 (ITEM 6.26)**

**AUTHORIZATION FOR THE PRESIDENT TO NEGOTIATE AND EXECUTE A SERVICES AGREEMENT AND OTHER RELATED DOCUMENTS IN CONNECTION WITH THE OPERATIONS AND MANAGEMENT OF THE SOLTIS CENTER FOR RESEARCH & EDUCATION WITH CASA VERDE RESEARCH CENTER SOCIEDAD ANÓNIMA, TEXAS A&M UNIVERSITY**

The Board of Regents of The Texas A&M University System authorizes the president of Texas A&M University to negotiate and execute a five-year services agreement and other related documents in connection with the operations and management of the Soltis Center for Research & Education with Casa Verde Research Center Sociedad Anónima, an independent Costa Rican corporation, subject to review for legal form and sufficiency by the Office of General Counsel.

**MINUTE ORDER 170-2018 (ITEM 6.27)**

**AUTHORIZATION FOR THE PRESIDENT TO NEGOTIATE AND EXECUTE AN AGREEMENT AND OTHER RELATED DOCUMENTS BETWEEN TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER AND THE CALIFORNIA DEPARTMENT OF STATE HOSPITALS, TEXAS A&M UNIVERSITY**

The Board of Regents of The Texas A&M University System authorizes the president of Texas A&M University to negotiate and execute an agreement, including any other related documents, with the California Department of State Hospitals in connection with services to be provided by the Texas A&M University Health Science Center's A&M Rural and Community Health Institute, including peer review, mortality review, and access to the patient safety organization program and services. The execution of these documents is subject to review for legal form and sufficiency by the Office of General Counsel.

**MINUTE ORDER 171-2018 (ITEM 6.28)**

**AUTHORIZATION FOR THE PRESIDENT TO NEGOTIATE AND EXECUTE AGREEMENTS AND OTHER RELATED DOCUMENTS FOR SPECIALIZED MEDICAL EDUCATIONAL SERVICES BETWEEN TEXAS A&M UNIVERSITY HEALTH SCIENCE CENTER AND BAYLOR SCOTT & WHITE HEALTH, TEXAS A&M UNIVERSITY**

The Board of Regents of The Texas A&M University System authorizes the president of Texas A&M University to negotiate and execute agreements and other related documents for specialized medical educational services between Texas A&M University Health Science Center and Baylor Scott & White Health, and further authorizes the president to take all actions necessary to carry out the intents and purposes of these agreement(s), subject to review for legal form and sufficiency by the Office of General Counsel.

**MINUTE ORDER 172-2018 (ITEM 6.29)**

**NAMING OF THE WOODFOREST NATIONAL BANK CONFERENCE ROOM AND THE DELOITTE FOUNDATION CLASSROOM FOR INNOVATION, TEXAS A&M UNIVERSITY**

The Board of Regents of The Texas A&M University System hereby names the following conference room and classroom in the Wehner Building on the campus at Texas A&M University.

- Conference Room (W340A) the “Woodforest National Bank Conference Room”
- Classroom (W462) the “Deloitte Foundation Classroom for Innovation”

**MINUTE ORDER 173-2018 (ITEM 6.30)**

**NAMING OF THE ROCHELLE FAMILY CATHETERIZATION LABORATORY, THE “LUANN ERVIN, DVM ’84 SMALL ANIMAL DENTISTRY SUITE, GIVEN IN HONOR OF RAY EMERSON, DVM ’65, THE GRIFFEY GANG ROOM, IN HONOR OF EMMA P. ROBISON, MOLLY’S ROOM, IN HONOR OF ROBERT C. JUDD, DVM ’79, THE FIONA IRZA EXAM ROOM, THE CALLIE SPRINGER INTERNAL MEDICINE ROUNDS ROOM AND THE SARAH AND PATRICK BREEN, DVM ’79 CONFERENCE ROOM, TEXAS A&M UNIVERSITY**

The Board of Regents of The Texas A&M University System hereby names the spaces within the College of Veterinary Medicine Small Animal Hospital on the campus at Texas A&M University:

- Small Animal Hospital Catheterization Laboratory - the “Rochelle Family Catheterization Laboratory”
- Small Animal Dentistry Suite - the “LuAnn Ervin, DVM '84 Small Animal Dentistry Suite, given in honor of Ray Emerson, DVM '65”
- Small Animal Hospital Bereavement Room 08 - “The Griffey Gang Room, In honor of Emma P. Robison”
- Small Animal Hospital Bereavement Room 10 - “Molly’s Room, In honor of Robert C. Judd, DVM '79”
- Exam Room Number 1011 - the “Fiona Irza Exam Room”
- Small Animal Hospital Internal Medicine Rounds Room 2 - the “Callie Springer Internal Medicine Rounds Room”

The Board also names the Small Group Conference Room (VIDI 120) within the College of Veterinary Medicine Veterinary & Biomedical Education Complex on the campus at Texas A&M University, the “Sarah and Patrick Breen, DVM '79 Conference Room.”

**MINUTE ORDER 174-2018 (ITEM 6.31)**

**NAMING OF THE  
JANICE L. AND HAROLD L. ADAMS '61 PRESENTATION ROOM,  
TEXAS A&M UNIVERSITY**

The Board of Regents of The Texas A&M University System hereby names the presentation room in A212 Langford Architecture Complex, Building A on the campus of Texas A&M University, the “Janice L. and Harold L. Adams '61 Presentation Room.”

**MINUTE ORDER 175-2018 (ITEM 6.32)**

**NAMING OF  
ELEANOR AND CURTIS TABER '62 VEGETABLE FARM GARDEN,  
DR. SAM COTNER '64 MEMORIAL FLORAL BORDER AND  
THE ARTHUR AND GAYE PLATT WINE FERMENTATION LABORATORY,  
TEXAS A&M UNIVERSITY**

The Board of Regents of The Texas A&M University System hereby names the areas within The Gardens on the campus at Texas A&M University:

- Vegetable Farm Garden - the “Eleanor and Curtis Taber '62 Vegetable Farm Garden”
- Floral Border - the “Dr. Sam Cotner '64 Memorial Floral Border”

The Board also names the Wine Fermentation Laboratory within the Horticulture/Forestry Building on the campus at Texas A&M University, the “Arthur and Gaye Platt Wine Fermentation Laboratory.”

**MINUTE ORDER 176-2018 (ITEM 6.33)**

**NAMING OF THE  
J. MIKE WALKER '66 DEPARTMENT OF MECHANICAL ENGINEERING,  
TEXAS A&M UNIVERSITY**

The Board of Regents of The Texas A&M University System hereby names the Department of Mechanical Engineering within the College of Engineering on the campus of Texas A&M University, the “J. Mike Walker '66 Department of Mechanical Engineering.”

**MINUTE ORDER 177-2018 (ITEM 6.34)**

**NAMING OF THE ROSETTA SMALL LEARNING STUDIO,  
THE PEGGY AND MIKE LAM '68 ENGINEERING RESEARCH SUITE, AND  
THE MELOY FAMILY LEARNING STUDIO,  
TEXAS A&M UNIVERSITY**

The Board of Regents of The Texas A&M University System hereby names the following academic facilities and spaces within the Zachry Engineering Education Complex on the campus at Texas A&M University:

- Small Learning Studio (Level 2, Space 17) - the “Rosetta Small Learning Studio”
- Engineering Research Suite (Level 5, Space 2) - “The Peggy and Mike Lam '68 Engineering Research Suite”
- Learning Studio (Level 2, Space 14) - “The Meloy Family Learning Studio.”

**MINUTE ORDER 178-2018 (ITEM 6.35)**

**NAMING OF THE ZACHRY LEADERSHIP PROGRAM,  
TEXAS A&M UNIVERSITY**

The Board of Regents of The Texas A&M University System hereby names the Leadership Program within the College of Engineering on the campus of Texas A&M University, the “Zachry Leadership Program.”

**MINUTE ORDER 179-2018 (ITEM 6.36)**

**AUTHORIZATION TO ESTABLISH THE  
THOMAS W. POWELL '62 ENDOWED SCHOLARSHIP FOR SCIENCE  
LEADERSHIP SCHOLARS QUASI-ENDOWMENT, AND  
DEBBIE AND MIKE HILLIARD '73 HUFFINES INSTITUTE  
CHAIR QUASI-ENDOWMENT,  
TEXAS A&M UNIVERSITY**

The Board of Regents of The Texas A&M University System authorizes the president of Texas A&M University to establish two quasi-endowments entitled as follows:

- “Thomas W. Powell ’62 Endowed Scholarship for Science Leadership Scholars Quasi-Endowment”
- “Debbie and Mike Hilliard ’73 Huffines Institute Chair Quasi-Endowment.”

**MINUTE ORDER 180-2018 (ITEM 6.37)**

**AUTHORIZATION FOR THE PRESIDENT TO  
NEGOTIATE AND EXECUTE NEW EMPLOYMENT CONTRACTS  
FOR ASSISTANT MEN’S BASKETBALL COACH ISSAC CHEW,  
ASSISTANT MEN’S BASKETBALL COACH ULRIC MALIGI,  
AND HEAD WOMEN’S GOLF COACH ANDREA GASTON,  
TEXAS A&M UNIVERSITY**

Authority is hereby granted to the president of Texas A&M University to negotiate and execute new employment contracts, upon review for legal form and sufficiency by the Office of General Counsel, with the following persons:

Assistant Men’s Basketball Coach - Isaac Chew  
Assistant Men’s Basketball Coach - Ulric Maligi  
Head Women’s Golf Coach - Andrea Gaston

**MINUTE ORDER 181-2018 (ITEM 6.38)**

**APPROVAL OF A NEW BACHELOR OF SCIENCE IN  
MECHANICAL ENGINEERING TECHNOLOGY DEGREE PROGRAM,  
AND AUTHORIZATION TO REQUEST APPROVAL FROM THE  
TEXAS HIGHER EDUCATION COORDINATING BOARD,  
TEXAS A&M UNIVERSITY-CENTRAL TEXAS**

The Board of Regents of The Texas A&M University System approves the establishment of a new degree program at Texas A&M University-Central Texas leading to a Bachelor of Science in Mechanical Engineering Technology degree.

The Board also authorizes submission of Texas A&M University-Central Texas’s new degree program request to the Texas Higher Education Coordinating Board for approval and hereby certifies that all applicable criteria of the Coordinating Board have been met.

**MINUTE ORDER 182-2018 (ITEM 6.39)**

**APPROVAL OF A NEW MASTER OF SCIENCE IN  
HOMELAND SECURITY DEGREE PROGRAM, AND  
AUTHORIZATION TO REQUEST APPROVAL FROM THE  
TEXAS HIGHER EDUCATION COORDINATING BOARD,  
TEXAS A&M UNIVERSITY-CENTRAL TEXAS**

The Board of Regents of The Texas A&M University System approves the establishment of a new degree program at Texas A&M University-Central Texas leading to a Master of Science in Homeland Security.

The Board also authorizes submission of Texas A&M University-Central Texas's new degree program request to the Texas Higher Education Coordinating Board for approval and hereby certifies that all applicable criteria of the Coordinating Board have been met.

**MINUTE ORDER 183-2018 (ITEM 6.40)**

**APPROVAL OF ACADEMIC TENURE, AUGUST 2018,  
TEXAS A&M UNIVERSITY-COMMERCE**

The Board of Regents of The Texas A&M University System, in accordance with System Policy 12.01 (Academic Freedom, Responsibility and Tenure), hereby authorizes the granting of tenure to the following faculty member at Texas A&M University-Commerce as set forth in the exhibit, Tenure List No. 18-04.

**MINUTE ORDER 184-2018 (ITEM 6.41)**

**NAMING OF THE JIMMY '67 AND SHERROLL SHIRLEY MAKERSPACE,  
TEXAS A&M UNIVERSITY-COMMERCE**

The Board of Regents of The Texas A&M University System hereby names Classroom 125 in the Charles J. Austin Engineering & Technology/Agricultural Sciences Building, the "Jimmy '67 and Sherroll Shirley Makerspace."

**MINUTE ORDER 185-2018 (ITEM 6.42)**

**NAMING OF THE ROBERT AND GLORIA FURGASON BUILDING,  
TEXAS A&M UNIVERSITY-CORPUS CHRISTI**

The Engineering Building on the campus of Texas A&M University-Corpus Christi is hereby named the "Robert and Gloria Furgason Building."

**MINUTE ORDER 186-2018 (ITEM 6.43)**

**AUTHORIZATION FOR THE PRESIDENT TO NEGOTIATE AND EXECUTE AMENDED AND RESTATED EMPLOYMENT CONTRACTS WITH ASSOCIATE HEAD COACH MARTIN GROSS AND ASSISTANT COACH TERRY JOHNSON FOR MEN’S BASKETBALL, TEXAS A&M UNIVERSITY-CORPUS CHRISTI**

Authority is hereby granted to the president of Texas A&M University-Corpus Christi to negotiate and execute amended and restated employment contracts, upon review for legal form and sufficiency by the Office of General Counsel, with the following persons:

Associate Head Coach for Men’s Basketball - Martin Gross  
Assistant Coach for Men’s Basketball - Terry Johnson

**MINUTE ORDER 187-2018 (ITEM 6.44)**

**APPROVAL OF A NEW BACHELOR OF SCIENCE DEGREE PROGRAM WITH A MAJOR IN COMPUTER ENGINEERING, AND AUTHORIZATION TO REQUEST APPROVAL FROM THE TEXAS HIGHER EDUCATION COORDINATING BOARD, TEXAS A&M UNIVERSITY-KINGSVILLE**

The Board of Regents of The Texas A&M University System approves the establishment of a new degree program at Texas A&M University-Kingsville leading to a Bachelor of Science in Computer Engineering.

The Board also authorizes submission of Texas A&M University-Kingsville’s new degree program request to the Texas Higher Education Coordinating Board for approval and hereby certifies that all applicable criteria of the Coordinating Board have been met.

**MINUTE ORDER 188-2018 (ITEM 6.45)**

**APPROVAL OF A NEW MASTER OF SCIENCE DEGREE PROGRAM WITH A MAJOR IN SOFTWARE ENGINEERING, AND AUTHORIZATION TO REQUEST APPROVAL FROM THE TEXAS HIGHER EDUCATION COORDINATING BOARD, TEXAS A&M UNIVERSITY-KINGSVILLE**

The Board of Regents of The Texas A&M University System approves the establishment of a new degree program at Texas A&M University-Kingsville leading to a Master of Science in Software Engineering.

The Board also authorizes submission of Texas A&M University-Kingsville’s new degree program request to the Texas Higher Education Coordinating Board for approval and hereby certifies that all applicable criteria of the Coordinating Board have been met.

**MINUTE ORDER 189-2018 (ITEM 6.46)**

**AUTHORIZATION TO ESTABLISH THE  
ARRINGTON MATCH - JACKIE & JERRY COLLINS ATHLETICS PROGRAM  
QUASI-ENDOWMENT, GARY & JOAN UNDERBRINK AGRICULTURE  
SCHOLARSHIP QUASI-ENDOWMENT, AND BROOKSHIRE KLEBERG  
COUNTY CHARITABLE FOUNDATION QUASI-ENDOWMENT,  
TEXAS A&M UNIVERSITY-KINGSVILLE**

The Board of Regents of The Texas A&M University System authorizes the president of Texas A&M University-Kingsville to establish quasi-endowments entitled as follows:

- “Arrington Match – Jackie & Jerry Collins Athletics Program Quasi-Endowment”
- “Gary & Joan Underbrink Agriculture Scholarship Quasi-Endowment”
- “Brookshire Kleberg County Charitable Foundation Quasi-Endowment.”

**MINUTE ORDER 190-2018 (ITEM 6.47)**

**ADOPTION OF A RESOLUTION HONORING  
THE BEACH VOLLEYBALL TEAM,  
TEXAS A&M UNIVERSITY-KINGSVILLE**

The Board of Regents of The Texas A&M University System adopted the resolution set forth in the attached exhibit.

**MINUTE ORDER 191-2018 (ITEM 6.48)**

**ADOPTION OF A RESOLUTION HONORING  
THE MEN’S TRACK AND FIELD TEAM,  
TEXAS A&M UNIVERSITY-KINGSVILLE**

The Board of Regents of The Texas A&M University System adopted the resolution set forth in the attached exhibit.

**MINUTE ORDER 192-2018 (ITEM 6.49)**

**AUTHORIZATION FOR THE PRESIDENT TO NEGOTIATE  
AND EXECUTE NEW EMPLOYMENT CONTRACTS FOR  
HEAD FOOTBALL COACH DAREN WILKINSON, AND  
HEAD INDOOR AND BEACH VOLLEYBALL COACH TANYA ALLEN,  
TEXAS A&M UNIVERSITY-KINGSVILLE**

Authority is hereby granted to the president of Texas A&M University-Kingsville to negotiate and execute new employment contracts, upon review for legal form and sufficiency by the Office of General Counsel, with the following persons:

Head Football Coach - Daren Wilkinson  
Head Indoor and Beach Volleyball Coach - Tanya Allen

**MINUTE ORDER 193-2018 (ITEM 6.50)**

**APPROVAL OF ACADEMIC TENURE, AUGUST 2018,  
TEXAS A&M UNIVERSITY-SAN ANTONIO**

The Board of Regents of The Texas A&M University System, in accordance with System Policy 12.01 (Academic Freedom, Responsibility and Tenure), hereby authorizes the granting of tenure to the following faculty members at Texas A&M University-San Antonio as set forth in the exhibit, Tenure List No. 18-04.

**MINUTE ORDER 194-2018 (ITEM 6.51)**

**ESTABLISHMENT AND NAMING OF THE  
HENRY G. CISNEROS INSTITUTE FOR EMERGING LEADERS,  
TEXAS A&M UNIVERSITY-SAN ANTONIO**

The Henry G. Cisneros Institute for Emerging Leaders is hereby established as an organizational unit of Texas A&M University-San Antonio within the Office of the Provost.

**MINUTE ORDER 195-2018 (ITEM 6.52)**

**GRANTING OF FACULTY DEVELOPMENT LEAVE FOR FY 2019,  
WEST TEXAS A&M UNIVERSITY**

The Board of Regents of The Texas A&M University System, in accordance with System Policy 31.03, System Regulation 12.99.01 and Sections 51.101-108 of the Texas Education Code, authorizes faculty development leave to the faculty members as shown in the attached exhibit, Faculty Development Leave List FY 2019, West Texas A&M University.

**MINUTE ORDER 196-2018 (ITEM 6.53)**

**ADOPTION OF A RESOLUTION HONORING  
THE WOMEN'S BASKETBALL TEAM,  
WEST TEXAS A&M UNIVERSITY**

The Board of Regents of The Texas A&M University System adopted the resolution set forth in the attached exhibit.

**MINUTE ORDER 197-2018 (ITEM 6.54)**

**ADOPTION OF A RESOLUTION HONORING  
THE WOMEN’S TRACK & FIELD TEAM,  
WEST TEXAS A&M UNIVERSITY**

The Board of Regents of The Texas A&M University System adopted the resolution set forth in the attached exhibit.

**MINUTE ORDER 198-2018 (ITEM 6.55)**

**ADOPTION OF A RESOLUTION HONORING  
THE MEN’S BASEBALL TEAM,  
WEST TEXAS A&M UNIVERSITY**

The Board of Regents of The Texas A&M University System adopted the resolution set forth in the attached exhibit.

**MINUTE ORDER 199-2018 (ITEM 6.56)**

**ADOPTION OF A RESOLUTION HONORING  
THE MEN’S BASKETBALL TEAM,  
WEST TEXAS A&M UNIVERSITY**

The Board of Regents of The Texas A&M University System adopted the resolution set forth in the attached exhibit.

**MINUTE ORDER 200-2018 (ITEM 6.57)**

**ADOPTION OF A RESOLUTION HONORING  
THE ATHLETIC DEPARTMENT,  
WEST TEXAS A&M UNIVERSITY**

The Board of Regents of The Texas A&M University System adopted the resolution set forth in the attached exhibit.

**MINUTE ORDER 201-2018 (ITEM 6.58)**

**NAMING OF HARRINGTON ACADEMIC HALL,  
VALERO ENERGY CLASSROOM, TOOT’N TOTUM CLASSROOM,  
JAMES A. ‘BUDDY’ DAVIDSON CHARITABLE FOUNDATION BALANCE LAB,  
MARY E. BIVINS FOUNDATION SPEECH AND LANGUAGE LAB,  
TURN CENTER PEDIATRIC TREATMENT ROOM,  
AMARILLO NATIONAL BANK GRAND LOBBY,  
BUFFALO COUNCIL BOARD ROOM, BELL BUSINESS CLASSROOM,  
DAVID SWINFORD OUTDOOR CLASSROOM, BAIN EVENT CENTER,  
STAN AND GERRY SIGMAN GRAND LOBBY,  
MICRO TECHNOLOGIES CLASSROOM  
DAVID AND MYRT WILDER FACULTY CONFERENCE ROOM,  
DR. N. ANDY COLE COLLABORATION AREA,  
WILSON RANCH TEACHING LAB,  
ARLIE AND BARBARA PETTY DEAN’S SUITE,  
WT AG DEVELOPMENT ASSOCIATION PUBLIC HALL,  
WEST TEXAS A&M UNIVERSITY**

The Board of Regents of The Texas A&M University System hereby names the following building, rooms, and spaces at the West Texas A&M University Amarillo Center:

- Commerce Building - “Harrington Academic Hall”
- New Classroom (Room 13) - “Valero Energy Classroom”
- New Classroom (Room 15) - “Toot’n Totum Classroom”
- New Speech and Hearing Clinic Lab (Room 128) - “James A. ‘Buddy’ Davidson Charitable Foundation Balance Lab”
- New Speech and Hearing Clinic Lab (Room 137) - “Mary E. Bivins Foundation Speech and Language Lab”
- New Speech and Hearing Clinic Treatment Room (Room 147) - “Turn Center Pediatric Treatment Room”
- New Atrium (Room 191) - “Amarillo National Bank Grand Lobby”
- New Board Room (Room 307) - “Buffalo Council Board Room”

The Board of Regents of The Texas A&M University System hereby names the following room in the Classroom Center on the campus of West Texas A&M University:

- Classroom 331 - “Bell Business Classroom”

The Board of Regents of The Texas A&M University System hereby names the following room and space at the Agricultural Sciences Complex on the campus of West Texas A&M University:

- New Outdoor Classroom - “David Swinford Outdoor Classroom”
- New Multi-Purpose Ag Event Center - “Bain Event Center”

The Board of Regents of The Texas A&M University System hereby names the following rooms and spaces in the Happy State Bank Academic and Research Building on the campus of West Texas A&M University:

- New Lobby (Room 100) - “Stan and Gerry Sigman Grand Lobby”
- New Classroom (Room 215) - “Micro Technologies Classroom”
- New Conference Room (Room 247) - “David and Myrt Wilder Faculty Conference Room”
- New Collaboration Area (Room 300B) - “Dr. N. Andy Cole Collaboration Area”
- New Teaching Lab (Room 309) - “Wilson Ranch Teaching Lab”
- New Dean’s Suite (Room 262 A-M, excluding F) - “Arlie and Barbara Petty Dean’s Suite”

The Board of Regents of The Texas A&M University System hereby names the following room in the Piehl-Schaeffer Pavilion on the campus of West Texas A&M University:

- New Public Hall (Room 101) - “WT Ag Development Association Public Hall”

**MINUTE ORDER 202-2018 (ITEM 6.59)**

**NAMING OF THE RICHARD AND PATSY WALLRATH  
TEXAS A&M AGRILIFE EXTENSION SERVICE BUILDING,  
TEXAS A&M AGRILIFE EXTENSION SERVICE**

The Board of Regents of The Texas A&M University System hereby names the Texas A&M AgriLife Extension Service South Campus the “Richard and Patsy Wallrath Texas A&M AgriLife Extension Service Building.”

**MINUTE ORDER 203-2018 (ITEM 6.60)**

**AUTHORIZATION TO EXECUTE FY 2018 NON-RESEARCH  
GRANTS, COOPERATIVE AGREEMENTS AND CONTRACTS,  
AND ANY AMENDMENTS, MODIFICATIONS OR EXTENSIONS  
TO PRE-FY 2018 NON-RESEARCH GRANTS, COOPERATIVE  
AGREEMENTS AND CONTRACTS FOR THE SAME PROGRAMS,  
TEXAS A&M ENGINEERING EXTENSION SERVICE**

The director of The Texas A&M Engineering Extension Service, or designee, is authorized to execute, following review for legal sufficiency by the Office of General Counsel, federal non-research grants, cooperative agreements, contracts, amendments, modifications or extensions with the United States Department of Homeland Security/Federal Emergency Management Agency, and other federal and private non-research time sensitive award agreements to provide training, technical assistance and related services, for fiscal year 2018 and pre-fiscal year 2018 programs.

**MINUTE ORDER 204-2018 (ITEM 6.61)**

**AUTHORIZATION TO EXECUTE FY 2018 FEDERAL  
NON-RESEARCH GRANT AGREEMENTS, AND ANY  
AMENDMENTS, MODIFICATIONS OR EXTENSIONS TO  
PRE-FY 2018 NON-RESEARCH GRANT AGREEMENTS  
FOR THE SAME GRANT PROGRAMS,  
TEXAS A&M FOREST SERVICE**

The Director of The Texas A&M Forest Service, or designee, is authorized to execute, following review for legal sufficiency by the Office of General Counsel, grant agreements, amendments, modifications or extensions with the United States Department of Agriculture - Forest Service for the Fiscal Year 2018 and pre-Fiscal Year 2018 Consolidated Programs Grant, Repurpose, and Volunteer Fire Assistance programs.

**MINUTE ORDER 205-2018 (ITEM 6.62)**

**NAMING OF THE  
CHARLES W. GRAHAM, DVM TEXAS A&M VETERINARY MEDICAL  
DIAGNOSTIC LABORATORY,  
TEXAS A&M VETERINARY MEDICAL DIAGNOSTIC LABORATORY**

The Board of Regents of The Texas A&M University System hereby names the Texas A&M Veterinary Medical Diagnostic Laboratory-Canyon, the “Charles W. Graham, DVM Texas A&M Veterinary Medical Diagnostic Laboratory.”

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Dr. Steven Tallant, President of Texas A&M University-Kingsville, introduced the members of Texas A&M-Kingsville’s Women’s Beach Volleyball National Championship Team and Division II Outdoor Men’s Track and Field Team champions.

ANNOUNCEMENTS

Chairman Schwartz said the next regular Board meeting was scheduled for November 14-16, 2018, on the campus of Texas A&M.

RECESS AND RECONVENE

Chairman Schwartz announced that the Board would recess and reconvene in executive session as permitted by Chapter 551, Sections 71, 72, 73, 74 and 76 of the Texas Government Code. He said in accordance with the law, no final action, decision or vote with regard to any matter considered in executive session would be made or taken.

(Note: The Board met in executive session from 3:37 p.m. until 6:21 p.m.)

RECONVENE

At 6:22 p.m., Chairman Schwartz reconvened the meeting in open session in Bethancourt Ballroom 2300 C of the Memorial Student Center, with a quorum present.

ADJOURN

There being no further business, Chairman Schwartz asked for a motion to adjourn. On motion of Regent Albritton, seconded by Vice Chairman Mendoza, the meeting was adjourned at 6:23 p.m.

Vickie Burt Spillers
Executive Director, Board of Regents

(Minutes transcribed by Gwen Kirby, Office of the Board of Regents.)

THE TEXAS A&M UNIVERSITY SYSTEM
Summary of Proposed Fee Changes

<u>PAGE</u>	<u>FEE DESCRIPTION</u>	<u>BASIS</u>	<u>CURRENT</u>	<u>INCREASE</u>	<u>PROPOSED</u>
TEXAS A&M UNIVERSITY					
1.1	ENMed Program Fee Effective Fall 2019	STUDENT	New		\$10,000.00
1.3	Executive Masters of Science & Engineering Systems Management Effective Fall 2019	SCH	New		\$1,100.00
1.5	Recreational Sports Center Fee Fall and Spring	SEM	\$106.00	\$39.00	\$145.00
	Summer Effective Fall 2020	SEM	\$53.00	\$19.50	\$72.50
TEXAS A&M UNIVERSITY - CORPUS CHRISTI					
1.8	Non-Resident Online MBA Program Fee Effective Fall 2019	SCH	New		\$198.24

SCH - Semester Credit Hour
SEM - Semester

Request for New Student Fee
TEXAS A&M UNIVERSITY
College of Medicine & College of Engineering
ENMed Program Fee

I. Programmatic justification and proposed use of the new fee

We are proposing a \$10,000 per year program fee for ENMed, along with the authority to combine tuition and fees for the MD program and tuition and fees for the engineering component hours into a single set of tuition and fees for ENMed. The vision of TAMU College of Medicine (COM) is to develop physicians who will be innovators and leaders in medicine and biomedical research and who will contribute to the transformation of medicine and healthcare in Texas and beyond. One key effort to realize this vision is our proposal for the ENMed track. ENMed will combine the strengths of the TAMU COM with our nationally recognized partners including the TAMU College of Engineering (COE) and the Houston Methodist Hospital (HMH). The mission of the ENMed track is to train a new type of physician, a “physicianeer”. These individuals will be skilled in the science and practice of medicine and have the knowledge, skills and experience in engineering to develop new therapies, devices, algorithms, and diagnostic or treatment processes that lead to major advances in patient care. The ENMed program requires a new small group-teaching model. The small groups of 8-10 students will require three teaching faculty per group – one basic science, one clinical, and one engineering. This program fee will cover the added cost of additional teaching faculty that cross between the College of Medicine and the College of Engineering. The program will be taught in Houston at the College of Medicine’s educational facilities in the Houston Methodist Hospital, the Alkek building, and eventually in the ENMed building once renovations are complete.

II. Public hearing and/or student referendum requirements

No public hearing or student referendum is required for this fee.

III. Budget impact if fee request is not approved

It is paramount to have the ENMed Program Fee approved in order to meet the goals and objectives developed for the ENMed program. Fee revenue will compliment state funding generated through the formula. Formula funding for traditional medical students has decreased by 28% since 2006. The decline combined with a requirement for increasing the intensity of the curriculum and the incumbent student support is the basis for the requested fee. The fee is needed in order to ensure the success as a premier first of its kind medicine/engineering program.

IV. Justification for ending balance

No significant ending balances are anticipated at the end of the fiscal year.

V. Additional information

Request for New Student Fee
TEXAS A&M UNIVERSITY
Department of Industrial and Systems Engineering
Executive Masters of Science & Engineering Systems Management
Executive Program Fee

I. Programmatic justification and proposed use of the new fee

A market study by the Hanover Group indicates very favorable market conditions in Houston for an executive offering of the currently existing degree, Masters of Science in Engineering Management Systems. While this degree is currently offered by the Department of Industrial and Systems Engineering at Texas A&M in College Station, there is a considerable audience that is not being reached: practicing engineers seeking an advanced engineering degree who are not willing to leave their positions for full time graduate training. The executive offering has the additional advantage of significant face-to-face time with faculty and other students in the cohort. This supports engagement and professional network building opportunities that are not possible with purely distance offerings.

The proposed fee will be used to pay for the costs of the program. These costs will include renting the venue, paying faculty and support staff, marketing, and other expenses.

II. Public hearing and/or student referendum requirements

During the fall of 2018 and spring of 2019, we plan on holding information and listening sessions with working engineers (potential students) and managers at selected industries in the greater Houston area. Our intention is to provide information on the degree and planned delivery mechanism and to get feedback from potential students and their employers on needs and preferences regarding all aspects of the program. We have a list of industries in the Houston area that we will engage (we regularly work with many of these industries through our undergraduate senior design program). Further, we have already informally interviewed several working engineers in Dallas who obtained masters degrees through a similar program at SMU, offered in the Dallas area. These engineers emphasized the need for a strong student cohort, the importance of face to face interaction with faculty and other students, and reasonable program workload with timely degree completion.

III. Budget impact if fee request is not approved

If the fee is not approved, the program will not be offered.

IV. Justification for ending balance

All revenues will be invested in the land-grant mission of the Department of Industrial and Systems Engineering.

V. Additional information

Request for New Student Fee
TEXAS A&M UNIVERSITY
 Executive Masters of Science & Engineering Systems Management
 Executive Program Fee

Proposed Fee: \$1,100.00 for Fall and Spring
 for Summer
 Basis: sch (sch, sem, student, etc.)

Number of Students Affected: 50
 Projected Student Enrollment: 50
 Projected Semester Credit Hours: 30 per student

	FY 2020 Budget
BEGINNING BALANCE	0
Revenues	
Fees*	825,000
Interest	0
Total Revenues	825,000
Expenses	
Salaries & Wages	445,000
Departmental Operations	260,000
Total Expenses	705,000
Increase/Decrease in Balance (Revenues less Expenses)	120,000
ENDING BALANCE	120,000

* Revenues based on a first year class size of 25 students. Program is expected to grow to 50 students.

Request for Increased Student Fee
TEXAS A&M UNIVERSITY
Recreational Sports Fee

I. Programmatic justification and proposed use of the increased fee

Recreational Sports, based on surveys and feedback from the student body, believes that recreational opportunities should be more accessible to students. This fee increase, will secure funding to provide two new satellite Rec Sports facilities on the main campus.

II. Public hearing and/or student referendum requirements

On February 22 & 23, 2018, the student body of Texas A&M University voted in favor of raising their Rec Sports Fee from \$106 to \$145 for the purpose of building two new Rec Sports Facilities. After the votes were calculated, the following results were published.

"Vote Rec" Student Opinion Poll

1 Vote Per Person

14,828 Eligible Ballots

Tabulation:

9,723 65.57% **Yes**

5,105 34.43% **No**

The increased Rec Sports Fee will not be charged until Fall 2020, the same semester that the first Rec Sports satellite facility is expected to open near the Engineering Education Complex.

III. Budget impact if fee request is not approved

If this fee request is not approved, the Recreational Sports will not be able to afford to build the additional recreational facilities the students need. Currently, the Rec Sports Center is extremely overcrowded at peak times of the day. Because of the overcrowding, many students choose not to recreate. In addition, along with the growth of the student body, the physical campus itself has grown and is spreading out geographically. Consequently, students are physically located at a growing distance from the site of the current Student Rec Center. The additional recreational facilities would be closer in proximity to the Corps of Cadets and Southside residence halls as well as to the Engineering Education Complex.

If the fee increase is not approved, there will not be a proportionate increase in non-student memberships and guest passes which could generate over \$250,000 annually. In addition, Recreational Sports will not have the ability to realize any generated revenue through locker sales, guest passes or any convenience items such as goggles, gloves, balls, or accessories.

IV. Justification for ending balance

Current ending balances meet the reserve requirements for auxiliary operations set by the university. Any excess reserves will be used for meeting debt service requirements as well as meeting the renewal & modification needs for Rec Sports facilities.

V. Additional information

Current Rec Sports Fee legislation requires that that Recreational Sports charge equal to or more to non-student users. Therefore, Rec Sports would implement a price increase for faculty/staff memberships, continuing student memberships and most likely the daily guest pass price. This ensures that the burden of the increased costs of debt payments and operating expenses will be shared both by the student body as well as faculty/staff and non-student users of Rec Sports facilities.

Request for Increased Student Fee
TEXAS A&M UNIVERSITY
 Recreational Sports Fee

LEGISLATIVE/INTERNAL MAXIMUM:

Current Fee:	\$106.00		
	\$53.00		
Proposed Fee:	\$145.00		
	\$72.50		
Basis:	semester		

Current: \$175.00 for Fall and Spring
\$87.50 for Summer

Number of Students Affected:	124,993
Current Semester Credit Hours:	
Projected Semester Credit Hours:	

	FY 2020 Budget	FY 2021 Budget WITHOUT Increase	Proposed Increase	FY 2021 Budget WITH Increase
BEGINNING BALANCE - Actual	6,146,678	5,042,786	5,042,786	5,042,786
Revenues				
Fees	13,150,577	13,249,258	1,875,900	15,125,158
Generated Revenues	3,398,734	3,415,728	1,100,000	4,515,728
Total Revenues	16,549,311	16,664,986	2,975,900	19,640,886
Expenses				
Salaries & Wages	5,061,270	5,162,495	140,000	5,302,495
Fringe Benefits	821,576	833,900	44,800	878,700
Departmental Operations	5,565,550	5,593,377	450,000	6,043,377
Maintenance/Equipment	1,574,942	1,574,942	125,000	1,699,942
Equipment	100,964	100,964	10,000	110,964
Renewal & Modifications	850,000	850,000	100,000	950,000
** Debt Payment	3,678,901	3,676,329	2,851,826	6,528,155
Total Expenses	17,653,203	17,792,007	3,721,626	21,513,633
Increase/Decrease in Balance				
Revenues less Expenses	(1,103,892)	(1,127,021)	(745,726)	(1,872,747)
ENDING BALANCE	5,042,786	3,915,765		3,170,039

Request for New Student Fee
TEXAS A&M UNIVERSITY CORPUS CHRISTI
Non-Resident Online MBA Program Fee

I. Programmatic justification and proposed use of the new fee:

The Texas A&M University – Corpus Christi College of Business offers an online Masters of Business Administration Program. Current students in this program are charged at the resident and non-resident rates approved by the Board. However, as online programs become more competitive, our peers are offering non-residents students the equivalent tuition and fees to the resident rate. The implementation of TAMUCC’s Non-Resident Online MBA Program Fee will allow us to become competitive in the online market and will expand enrollment to former Texas residents and others wishing to access the University’s AACSB accredited program. The funding generated from the fee will be used to cover the cost of instruction and overhead.

II. Student input and/or notification

The Non-Resident Online MBA program fee will be charged to all non-resident students in the online MBA program beginning Fall 2019. The program fee will be part of the information provided to all applicants to the program.

III. Budget impact if fee request is not approved.

If the fee is not approved, TAMUCC College of Business will not be able to offer competitive pricing to non-resident students and thus enrollment in this program could plateau. Our peers are providing these competitive rates to their non-resident students leading to nation-wide name recognition thus attracting acclaimed faculty and high-performing graduate students. Without this fee TAMUCC’s College of Business will be placed at a disadvantage.

IV. Justification for ending balance.

No ending balance is anticipated as all revenue generated within the fiscal year will be utilized for the enhancement of the education environment for those graduate students paying the program fee.

V. Additional information.

The Texas Administrative code states that institutions can not submit for formula funding for distance education courses taken by non-resident students who are located out-of-state or out-of-country, courses in out-of-state or out-of-country programs taken by any student, or self-supporting courses.

Mandatory fees and differential tuition will continue to be charged to these students, however, the University Services Fee will be revised to match the resident rate.

In future years, the Non-Resident Online MBA program fee will increase at the board approved HEPI rate to ensure non-residents are not being charged less than resident students enrolled in the same program.

Request for New Student Fee
TEXAS A&M UNIVERSITY - CORPUS CHRISTI
 Non-Resident Online MBA Program Fee

Proposed Fee: \$198.24
 Basis: sch (sch, sem, student, etc.)

Number of Students Affected:
 Projected Student Enrollment: 85
 Projected Semester Credit Hours: 1,020

	FY 2020 Budget
BEGINNING BALANCE	0
Revenues	
Fees	202,205
Differential Tuition	7,650
Mandatory Fees	196,860
Total Revenues	406,715
Expenses	
Salaries & Wages	243,000
Fringe Benefits	65,610
Departmental Operations	85,280
Maintenance/Equipment	12,825
Total Expenses	406,715
Increase/Decrease in Balance (Revenues less Expenses)	(0)
ENDING BALANCE	(0)

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 \$391 MILLION, PLEDGING REVENUES FOR THE PAYMENT THEREOF, AND APPROVING AND AUTHORIZING INSTRUMENTS AND PROCEDURES RELATING THERETO

Adopted August 16, 2018

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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 \$391 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 (1) to 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, (2) to 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, (3) to pay the Project Costs (as defined herein) of certain Eligible Projects (as defined herein), and (4) to pay costs of issuance of such Additional Parity Obligations; and

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

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

SECTION 1. AUTHORIZATION AND FINDINGS.

(a) Bonds Authorized. The Board's bonds, designated as the "Board of Regents of The Texas A&M University System Permanent University Fund Bonds, Series ____" (the "Bonds"), are hereby authorized to be issued and delivered in one or more Series (defined herein) in the maximum aggregate principal amount of \$391 million (without regard to premium or discount affecting the sale price) for the purposes of (i) refunding the Refunded Notes (defined herein), (ii) refunding all or a portion of the Potential Refunded Bonds (defined herein), (iii) paying the Project Costs of certain Eligible Projects, and (iv) paying the costs of issuance relating to the Bonds. The Bonds shall be designated by the year in which they are awarded pursuant to Section 2(b) below; provided that for any Series of Bonds issued as Taxable Bonds (defined herein) the word "Taxable" shall be included in the designation of such Bonds before the word "Series."

(b) Refunding Purposes.

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

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

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

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

(a) Date, Denominations, and Numbers. The Bonds of each Series shall initially be issued, sold, and delivered hereunder as fully registered bonds, without interest coupons, in the form of (1) Taxable Bonds or Tax-Exempt Bonds (defined herein) and (2) Current Interest Bonds or Capital Appreciation Bonds, numbered consecutively for each Series of Bonds from R-1 upward (or CR-1 upward, in the case of Capital Appreciation Bonds) (except the Initial Bond (defined herein) which shall be numbered T-1 for the Current Interest Bonds and TR-1 for the Capital Appreciation Bonds), payable to the initial purchaser of the Bonds (the “Initial Purchaser”) specified by the Authorized Representative (defined herein) in the Award Certificate, or to the registered assignee or assignees of said Bonds or any portion or portions thereof (in each case, the “Registered Owner”), in Authorized Denominations (defined herein), maturing on the dates, in the years and in the principal amounts or Maturity Amounts (defined herein), respectively, and dated, all as set forth in the Award Certificate.

(b) Delegation of Board’s Authority. As permitted by Applicable Law, the Authorized Representative is hereby authorized, appointed, and designated to act on behalf of the Board in selling and delivering the Bonds and carrying out other procedures specified in this Resolution, including determining and fixing (i) the date of the Bonds and the Issuance Date (defined herein) thereof; (ii) any additional or different designations or titles by which the Bonds shall be known, if any; (iii) the price at which the Bonds will be sold; (iv) the years in which the Bonds will mature; (v) the principal amount or Maturity Amount of the Bonds to mature in each of such years; (vi) the aggregate principal amount of the Bonds, including the aggregate principal amount of Current Interest Bonds and Capital Appreciation Bonds; (vii) the rate of interest to be borne by each such maturity, and whether the Bonds shall be Tax-Exempt Bonds or Taxable Bonds; (viii) the interest payment periods; (ix) the dates, prices, and terms upon and at which the Bonds shall be subject to redemption prior to Stated Maturity at the option of the Board, as well as mandatory redemption provisions, if any; (x) the designation of which Subordinate Lien Obligations shall constitute the Refunded Notes refunded by the Bonds; (xi) the designation of which Potential Refunded Bonds shall constitute the Refunded Bonds to be refunded by the Bonds; (xii) the Paying Agent/Registrar (defined herein) and Escrow Agent (defined herein), if applicable, with respect to the Bonds; (xiii) the Eligible Projects to be financed by any Series of Bonds; and (xiv) all other matters relating to the issuance, sale, and delivery of the Bonds and the refunding of the Refunded Obligations. All such determinations made by the Authorized Representative shall be specified in the Award Certificate delivered to the Executive Director, Board of Regents. Those determinations to be made by the Authorized Representative are limited, however, by the following: (i) the price to be paid for the Bonds shall not be less than 95% of the aggregate par amount thereof, plus any accrued interest thereon from their dated date to the Issuance Date; (ii) none of the Bonds shall bear interest at a rate greater than the maximum rate allowed by law; (iii) none of the Bonds shall mature more than 30 years from their respective dates in accordance with the Constitutional Provision; and (iv) the aggregate principal

amount of the Bonds shall not exceed \$391 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 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 are being issued to pay Project Costs, the Authorized Representative, or some other financial officer of the System designated by the Board, executes a certificate to the effect that such Bonds are being issued to pay Project Costs for Eligible Projects and, attached to such certificate is a listing of the Eligible Projects expected to be financed, in whole or in part, by such Bonds; provided, however, that at some future date, the Board may substitute other Eligible Projects to be financed, in whole or in part, by such Bonds for the Eligible Projects listed on such certificate.

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

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

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

interest rate period for such Bonds commences, (ii) on the basis of a 360-day year composed of twelve 30-day months, or (iii) as otherwise determined by the Authorized Representative to be necessary to achieve the most beneficial pricing terms for such Bonds.

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

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

SECTION 4. CHARACTERISTICS OF THE BONDS.

(a) Paying Agent/Registrar; Registration, Transfer, and Exchange; Authentication. The Board shall keep or cause to be kept at a designated corporate trust office of the Paying Agent/Registrar books or records for the registration and transfer of the Bonds (the “Registration Books”), and the Board hereby appoints the Paying Agent/Registrar as its registrar and transfer agent to keep such books or records and make such registrations of transfers and exchanges under such reasonable regulations as the Board and Paying Agent/Registrar may prescribe; and the Paying Agent/Registrar shall make such registrations, transfers, and exchanges as herein provided. Registration of the Bonds shall be accomplished in accordance with the provisions of this Resolution, including Section 14 relating to DTC’s Book-Entry-Only System. The Authorized Representative, acting for and on behalf of the Board, is hereby authorized to solicit bids for and to select an initial Paying Agent/Registrar for the Bonds and to approve, execute and deliver for and on behalf of the Board a Paying Agent/Registrar Agreement (defined herein) to reflect the appointment, responsibilities and compensation of the Paying Agent/Registrar, such approval to be conclusively evidenced by the Authorized Representative’s execution thereof. The Paying Agent/Registrar shall obtain and record in the Registration Books the address of the

Registered Owner to which payments with respect to the Bonds shall be mailed, as herein provided; but it shall be the duty of each Registered Owner to notify the Paying Agent/Registrar in writing of the address to which payments shall be mailed, and such interest payments shall not be mailed unless such notice has been given. To the extent possible and under reasonable circumstances, all transfers of Bonds shall be made within three business days after request and presentation thereof. The Board shall have the right to inspect the Registration Books during the Paying Agent/Registrar's regular business hours, but otherwise the Paying Agent/Registrar shall keep the Registration Books confidential and, unless otherwise required by law, shall not permit their inspection by any other entity. The Paying Agent/Registrar's standard or customary fees and charges for making such registration, transfer, exchange and delivery of a substitute Bond or Bonds shall be paid as provided in the FORM OF BONDS set forth in this Resolution. Registration of assignments, transfers, and exchanges of Bonds shall be made in the manner provided and with the effect stated in the FORM OF BONDS set forth in this Resolution. Each substitute Bond shall bear a letter and/or number to distinguish it from each other Bond.

Except as provided in Section 4(c) below, an authorized representative of the Paying Agent/Registrar shall, before the delivery of any such Bond, date and manually sign the Paying Agent/Registrar's Authentication Certificate, and no such Bond shall be deemed to be issued or outstanding unless such Authentication Certificate is so executed. The Paying Agent/Registrar promptly shall cancel all paid Bonds and Bonds surrendered for transfer and exchange. No additional action need be taken by the Board or any other body or person so as to accomplish the foregoing transfer and exchange of any Bond or portion thereof, and the Paying Agent/Registrar shall provide for the printing, execution, and delivery of the substitute Bonds. Pursuant to Chapter 1201, Texas Government Code, as amended, the duty of transfer and exchange of Bonds as aforesaid is hereby imposed upon the Paying Agent/Registrar, and upon the execution of said certificate, the transferred and exchanged Bond shall be valid, incontestable, and enforceable in the same manner and with the same effect as the Initial Bond.

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

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

Agent/Registrar's Authentication Certificate, in the form set forth in the FORM OF BONDS set forth in this Resolution.

SECTION 5. FORMS. The form of all Bonds, including the form of Paying Agent/Registrar's Authentication Certificate, the form of Assignment, and the form of Registration Certificate of the Comptroller of Public Accounts, to accompany the Initial Bond on the initial delivery thereof shall be, respectively, substantially as provided in Exhibit A hereto, with such appropriate variations, omissions, or insertions as are permitted or required by this Resolution and the Award Certificate.

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

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

"Applicable Law" has the meaning ascribed thereto in the preamble to 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, which authorizes the issuance from time to time of the Board’s Permanent University Fund Commercial Paper Notes to be outstanding at any one time in the maximum principal amount of \$125,000,000.

“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.

“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); (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; (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 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; and (iv) any other then authorized securities or obligations under applicable State law in existence on the date the Board adopts or approves any proceedings authorizing the issuance of refunding bonds or otherwise provides for the funding of an escrow to effect the defeasance of the Bonds that may be used to defease obligations such as the Bonds.. The foregoing notwithstanding, the Authorized Representative may elect in the Award Certificate to modify the definition of “Government Obligations” by eliminating any securities or obligations set forth in the preceding sentence upon determining that it is in the best interests of the Board to do so.

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

“Initial Purchaser” has the meaning given in Section 2 hereof.

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

“MSRB” means the Municipal Securities Rulemaking Board.

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

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

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

“Outstanding Parity Bonds” has the meaning ascribed thereto in the preamble to this Resolution.

“Parity Bond Resolutions” has the meaning ascribed thereto in the preamble to 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, 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 or installment 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 or installment of Bonds, the interest on which is not excludable from gross income for federal income tax purposes, as determined and set forth in the Award Certificate therefor.

“UT Board” means the Board of Regents of The University of Texas System.

SECTION 7. PLEDGE. Pursuant to the Constitutional Provision, the Bonds and any Additional Parity Obligations hereafter issued, and the interest thereon, shall be and are hereby

equally and ratably secured, together with the Outstanding Parity Bonds, by and payable from a first lien on and pledge of the Available University Fund Share.

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

SECTION 9. PAYMENT OF BONDS AND ADDITIONAL PARITY OBLIGATIONS.

(a) Payment of the Bonds. The Comptroller previously has established and shall maintain in the State Treasury a fund known as the “Board of Regents of The Texas A&M University System Permanent University Fund Bonds Interest and Sinking Fund” (the “Interest and Sinking Fund”). The Board and the officers of the System shall cause the Comptroller to (i) transfer to the Interest and Sinking Fund, out of the fund in the State Treasury to which is deposited the Available University Fund Share, such fund being designated the “The Texas A&M University System Available University Fund”, on or before each date upon which the principal of, premium, if any, or interest on any Parity Obligations is due and payable, whether by reason of maturity, mandatory redemption, or optional redemption prior to maturity and (ii) withdraw from the Interest and Sinking Fund and deposit with the Paying Agent/Registrar, on or before each such date, the amounts of interest or principal, premium, if any, and interest which will come due on the Parity Obligations on each such date, and in such manner that such amounts, in immediately available funds, will be on deposit with the Paying Agent/Registrar at least by each such date.

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

SECTION 10. DISPOSITION OF FUNDS. After provision has been made for the payment of the principal of, premium, if any, and interest on the Parity Obligations the balance of the Available University Fund Share each year shall be made available to the Board for payment of any Subordinate Lien Obligations and, thereafter, shall be available to the Board in

the manner and to the extent provided by law and by regulations of the Board to be used by the Board as it may lawfully direct.

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

SECTION 12. ADDITIONAL OBLIGATIONS.

(a) Additional Parity Obligations. The Board reserves the right and shall have full power at any time and from time to time, to authorize, issue, and deliver Additional Parity Obligations, in as many separate installments or series as deemed advisable by the Board but only for the purpose and to the extent provided in the Constitutional Provision, or in any amendment hereafter made to the Constitutional Provision, or for refunding purposes as provided by Applicable Law. Such Additional Parity Obligations when issued, and the interest thereon, shall be equally and ratably secured by and payable from a first lien on and pledge of the Available University Fund Share, in the same manner and to the same extent as are the Parity Obligations, and shall be on a parity and in all respects of equal dignity. It is further covenanted that no installment or series of Additional Parity Obligations shall be issued and delivered unless the Authorized Representative, or some other financial officer of the System designated by the Board, executes a certificate to the effect that (i) for the Fiscal Year immediately preceding the date of said certificate, the amount of the Available University Fund Share was at least 1.5 times the average annual Principal and Interest Requirements of the installment or series of Additional Parity Obligations then proposed to be issued and the Parity Obligations which are then and will be outstanding after the issuance and delivery of said proposed installment or series; provided, however, that the certification required by this clause (i) shall only remain in effect so long as any Parity Obligation that was outstanding on August 3, 2012, remains outstanding; and (ii) the total principal amount of all Permanent University Fund Obligations that will be outstanding after the issuance and delivery of the installment or series of Additional Parity Obligations then proposed to be issued will not exceed 10% of the cost value of investments and other assets of the Permanent University Fund (exclusive of real estate) at the time the proposed series or installment of Additional Parity Obligations is issued.

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

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

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

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

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

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

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

(f) The Board will (i) pay the standard or customary fees and charges of the Paying Agent/Registrar for its services with respect to the payment of the principal of and interest on the

Bonds, when due, and (ii) pay the fees and charges of the Paying Agent/Registrar for services with respect to (A) the transfer of registration of the Bonds, and (B) solely to the extent provided in this Resolution, the exchange of the Bonds.

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

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

With respect to the Bonds registered in the name of Cede & Co., as nominee of DTC, the Board and the Paying Agent/Registrar shall have no responsibility or obligation to any broker-dealer, bank, or other financial institution for which DTC holds the Bonds from time to time as securities depository (a “Depository Participant”) or to any person on behalf of whom such a Depository Participant holds an interest in the Bonds (an “Indirect Participant”). Without limiting the immediately preceding sentence, the Board and the Paying Agent/Registrar shall have no responsibility or obligation with respect to (i) the accuracy of the records of DTC, Cede & Co., or any Depository Participant with respect to any ownership interest in the Bonds, or (ii) the delivery to any Depository Participant or any Indirect Participant or any other Person, other than a Registered Owner of a Bond, of any amount with respect to principal of or interest on the Bonds. While in the DTC System, no person other than Cede & Co., or any successor thereto, as nominee for DTC, shall receive a Bond evidencing the obligation of the Board to make payments

of principal and interest pursuant to this Resolution. Upon delivery by DTC to the Paying Agent/Registrar of written notice to the effect that DTC has determined to substitute a new nominee in place of Cede & Co., and subject to the provisions in this Resolution with respect to interest checks or drafts being mailed to the holder, the words "Cede & Co." in this Resolution shall refer to such new nominee of DTC.

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

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

SECTION 15. AMENDMENT OF RESOLUTION.

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

(b) If at any time the Board shall desire to amend a resolution under this Section, the Board shall cause notice of the proposed amendment to be published in a financial newspaper or journal published in New York, New York, once during each calendar week for at least two successive calendar weeks. Such notice shall briefly set forth the nature of the proposed amendment and shall state that a copy thereof is on file at the principal office of each Paying

Agent/Registrar for the Parity Obligations for inspection by all owners of Parity Obligations. Such publication is not required, however, if written notice is given to each owner of Parity Obligations.

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

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

(e) Notwithstanding the provisions of Subsections (a) through (d) of this Section 15, and subject to the requirements of the resolutions authorizing the Outstanding Parity Bonds, this Resolution and the rights and obligations of the Board and of the owners of the Bonds may, to the extent permitted by law, be modified or amended at any time by a supplemental resolution, without notice to or the consent of any owners of the Bonds, to cure any ambiguity, or to cure or correct any defective provision contained in this Resolution, upon receipt by the Board of an approving opinion of Bond Counsel that the same is needed for such purpose and will more clearly express the intent of this Resolution.

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

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

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

rate, as the damaged, mutilated, lost, stolen, or destroyed Bond, in replacement for such Bond in the manner hereinafter provided.

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

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

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

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

SECTION 17. DEFEASANCE OF BONDS.

(a) Any Bond and the interest thereon shall be deemed to be paid, retired and no longer outstanding (a "Defeased Bond") within the meaning of this Resolution, except to the extent provided in Subsections (c) and (e) of this Section 17, 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 Section 17(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 Section 17(a), 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 Section 17(a) with respect to such Defeased Bond as though it was being defeased at the time of the exercise of the option to redeem the Defeased Bond and the effect of the redemption is taken into account in determining the sufficiency of the provisions made for the payment of the Defeased Bond.

SECTION 18. CONTINUING DISCLOSURE.

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

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

The financial information and operating data to be provided pursuant to this Section 18(a) may be set forth in full in one or more documents or may be included by specific reference to any document that is available to the public on the MSRB's internet web site or filed with the SEC.

(b) Event Notices. As used in this Section 18(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; and (xiv) the appointment of a successor or additional trustee or the change of name of a trustee, if material.

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.

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 Section 18(a) by the time required.

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

(d) Limitations, Disclaimers, and Amendments. The Board shall be obligated to observe and perform the covenants specified in this Section 18 for so long as, but only for so long as, the Board, the Permanent University Fund, or the Available University Fund Share

remains an “obligated person” with respect to the Bonds within the meaning of the Rule, except that the Board in any event will give the notice required by Section 4 of this Resolution of any Bond calls and defeasance that cause the Board, the Permanent University Fund, or the Available University Fund Share to no longer be “obligated persons”.

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

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

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

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

Except as otherwise authorized by Section 32, the provisions of this Section 18 may be amended by the Board from time to time to adapt to changed circumstances that arise from a change in legal requirements, a change in law, or a change in the identity, nature, status, or type of operations of the Board or the Permanent University Fund, but only if (i) the provisions of this Section 18, as so amended, would have permitted an underwriter to purchase or sell Bonds in the primary offering of the Bonds in compliance with the Rule, taking into account any amendments or interpretations of the Rule to the date of such amendment, as well as such changed circumstances, and (ii) either (A) the holders of a majority in aggregate principal amount (or any greater amount required by any other provision of this Resolution that authorizes such an amendment) of the outstanding Bonds consent to such amendment or (B) a person that is unaffiliated with the Board and the Permanent University Fund (such as nationally-recognized bond counsel) determines that such amendment will not materially impair the interests of the

holders and beneficial owners of the Bonds. If the Board so amends the provisions of this Section 18, it shall include with any amended financial information or operating data next provided in accordance with this Section 18 an explanation, in narrative form, of the reasons for the amendment and of the impact of any change in the type of financial information or operating data so provided. The Board may also amend or repeal the provisions of this continuing disclosure requirement if the SEC amends or repeals the applicable provisions of the Rule or a court of final jurisdiction enters judgment that such provisions of the Rule are invalid, but only if and to the extent that the provisions of this sentence would not prevent an underwriter from lawfully purchasing or selling Bonds in the primary offering of the Bonds.

SECTION 19. PROVISIONS CONCERNING FEDERAL INCOME TAX EXCLUSION.

(a) General Tax Covenant. As used in this Section 19, the term “Bonds” shall mean only Bonds issued as Tax-Exempt Bonds. The Board intends that the interest on the Bonds be excludable from gross income for federal income tax purposes pursuant to sections 103 and 141 through 150, inclusive, of the Code. The Board covenants and agrees not to take any action, or knowingly omit to take any action within its control, that if taken or omitted, respectively, would (i) cause the interest on the Bonds to be includable in gross income, as defined in section 61 of the Code, for federal income tax purposes or (ii) result in the violation of or failure to satisfy any provision of section 103 and 141 through 150, inclusive, of the Code. In particular, the Board covenants and agrees to comply with each requirement of this Section 19; provided, however, that the Board will not be required to comply with any particular requirement of this Section 19 if the Board has received an opinion of Bond Counsel that (i) such noncompliance will not adversely affect the exclusion from gross income for federal income tax purposes of interest on the Bonds or (ii) compliance with some other requirement will satisfy the applicable requirements of the Code and the Regulations, in which case compliance with such other requirement will constitute compliance with the corresponding requirement specified in this Section 19. The covenants of the Board set forth in this Section 19 are intended to apply only to Bonds when, as and if issued.

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

(c) No Federal Guarantee. The Board covenants and agrees that it has not taken and will not take any action, and has not knowingly omitted and will not knowingly omit to take any action, within its control, that, if taken or omitted, respectively, would cause the Bonds to be

“federally guaranteed” within the meaning of section 149(b) of the Code, except as permitted by section 149(b)(3) of the Code.

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

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

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

(g) Information Reporting. The Board covenants and agrees to file or cause to be filed with the Secretary of the Treasury, not later than the 15th day of the second calendar month

after the close of the calendar quarter in which the Bonds of such Series are issued, an information statement concerning the Bonds of such Series, all under and in accordance with section 149(e) of the Code.

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

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

(j) Advance Refunding. The Board covenants to refrain from using the proceeds of any Series of Bonds to pay debt service on another issue more than 90 days after the date of issue of the Bonds in contravention of the requirements of Section 149(d) of the Code (relating to advance refunding).

(k) Continuing Obligation. Notwithstanding any other provision of this Resolution, the Board's obligations under the covenants and provisions of this Section 19 will survive the defeasance and discharge of the Bonds for so long as such matters are relevant to the exclusion from gross income of interest on the Bonds for federal income tax purposes.

SECTION 20. SALE OF THE BONDS.

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

(b) Except as set forth in Section 20(c) below, 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 cause a notice of sale and bidding instructions (including an official bid form) to be prepared 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 Section 20(b) above 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, 2019. 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, 2019, 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. PREAMBLE INCORPORATED. The preamble of this Resolution is hereby incorporated by reference as if copied in full.

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

* * *

EXHIBIT A

FORM OF BONDS

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

UNITED STATES OF AMERICA
STATE OF TEXAS

NO. R - _____ PRINCIPAL AMOUNT
\$ _____

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

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

REGISTERED OWNER: _____

PRINCIPAL AMOUNT: _____ DOLLARS (\$ _____)

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

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

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

* * *

[FORM OF FIRST TWO PARAGRAPHS OF CAPITAL APPRECIATION BONDS]

UNITED STATES OF AMERICA
STATE OF TEXAS

NO. CR - ____

MATURITY AMOUNT
\$ _____

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

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

REGISTERED OWNER: _____

MATURITY AMOUNT: _____ DOLLARS (\$ _____)

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

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

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

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

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

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

<u>OF THE YEAR</u>	<u>AMOUNT</u>
	(final maturity)]

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

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

rate, in any denomination or denominations in any integral multiple of \$5,000, at the written request of the registered owner, and in an aggregate principal amount equal to the unredeemed portion thereof, will be issued to the registered owner upon the surrender thereof for cancellation, at the expense of the Board, all as provided in the Resolution.]

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

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

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

day of such mailing or (ii) to transfer or exchange any Bonds so selected for redemption when such redemption is scheduled to occur within 30 calendar days; provided, however, that such limitation shall not be applicable to an exchange by the registered owner of the uncalled principal balance of a Bond.

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

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

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

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

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

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 OF REGENTS OF THE TEXAS A&M UNIVERSITY SYSTEM

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

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

(BOARD SEAL)

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

[INITIAL CURRENT INTEREST BOND]

NO. T-__

\$_____

UNITED STATES OF AMERICA
STATE OF TEXAS

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

Issuance Date: _____, 20__

Registered Owner: [Initial Purchaser]

Principal Amount: \$_____

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

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

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

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

THE PRINCIPAL AND INTEREST ON this Bond are payable in lawful money of the United States of America, without exchange or collection charges. The final payment of principal of this Bond shall be paid to the Registered Owner hereof upon presentation and surrender of this Bond at final maturity, at the designated payment office of [_____, _____, _____], which is the "Paying Agent/Registrar" for this Bond. The payment of principal installments and interest on this Bond shall be made by the Paying Agent/Registrar to the Registered Owner hereof as shown by the "Registration Books" kept by the Paying Agent/Registrar at the close of business on the Record Date (defined below) by check drawn by the Paying Agent/Registrar on, and payable solely from, funds of the Board required to be on deposit with the Paying Agent/Registrar for such purpose as hereinafter provided; and such check shall be sent by the Paying Agent/Registrar by United States mail, first-class postage prepaid, on each such payment date, to the registered owner hereof at its address as it appears on the Registration Books kept by the Paying Agent/Registrar, as

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

* * *

[INITIAL CAPITAL APPRECIATION BOND]

NO. TR - ___ \$ _____

UNITED STATES OF AMERICA
STATE OF TEXAS

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

Issuance Date: _____, 20__

Registered Owner: [Initial Purchaser]

Maturity Amount: \$ _____

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

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

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

INTEREST shall accrete on the original principal amount hereof from the Issuance Date specified above at the interest rate per annum specified above (subject to rounding to the Compounded Amounts as provided in the Resolution), compounded semi-annually on

_____ and _____ of each year, commencing _____, 20___. For convenience of reference, a table appears on the back of this Bond showing the "Compounded Amount" of the original principal amount per \$5,000 Maturity Amount compounded semiannually at the yield shown on such table.

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

* * *

TABLE OF ACCRETED VALUES [FOR CAPITAL APPRECIATION BONDS]

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

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

PAYING AGENT/REGISTRAR'S AUTHENTICATION CERTIFICATE

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

[_____]
Paying Agent/Registrar

Dated: _____

Authorized Representative

* * *

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

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 ____ day of _____, 20____.

(COMPTROLLER'S SEAL)

Comptroller of Public Accounts of
the State of Texas

* * *

[FORM OF ASSIGNMENT]

ASSIGNMENT

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

Please insert Social Security or Taxpayer Identification Number of Transferee

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

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

Dated: _____

Signature Guaranteed:

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

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

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

TWENTY-NINTH 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 \$665 MILLION, AND APPROVING AND AUTHORIZING INSTRUMENTS AND PROCEDURES RELATING THERETO

Adopted August 16, 2018

TWENTY-NINTH 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 \$665 MILLION, AND APPROVING
 AND AUTHORIZING INSTRUMENTS AND PROCEDURES
 RELATING THERETO

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TWENTY-NINTH 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 \$665 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 Twenty-Eighth 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 Twenty-Ninth Supplement to the Master Resolution (the “Twenty-Ninth 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 Twenty-Ninth Supplement are to be issued and delivered pursuant to Chapter 55, Texas Education Code, and Chapters 1207 and 1371, Texas Government Code,

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

Section 1. DEFINITIONS.

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

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

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

(a) The Board's "BOARD OF REGENTS OF THE TEXAS A&M UNIVERSITY SYSTEM REVENUE FINANCING SYSTEM BONDS, SERIES _____," are hereby authorized to be issued and delivered in the maximum principal amount (determined without regard to premium or discount affecting the sale price) of \$665 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 Twenty-Ninth 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 Twenty-Ninth 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, 2019 (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 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; refunding all or a portion of the Potential Refunded Bonds; 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 paying the costs of issuance related thereto.

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

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

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

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

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

(b) Award Certificate. As authorized by Chapter 1371, Government Code, as amended, the Designated Financial Officer is hereby authorized, appointed, and designated to act on behalf of the Board in selling and delivering the Bonds and carrying out, the other procedures specified in this Twenty-Ninth Supplement, including determining and fixing: (i) the date of the Bonds, (ii) any additional or different designation or title by which the Bonds shall be known, (iii) the price at which the Bonds will be sold, (iv) the years in which the Bonds will mature, (v) the principal amount or Maturity Amount of the Bonds to mature in each of such years, (vi) the aggregate principal amount of the Bonds, including the aggregate principal amount of Current Interest Bonds and Capital Appreciation Bonds, (vii) the rate or rates of interest to be borne by each maturity, (viii) the interest payment periods, (ix) the dates, prices, and terms upon and at which the Bonds shall be subject to redemption, (x) the designation of which notes shall constitute the Refunded Notes refunded by the Bonds, (xi) the designation of which Potential Refunded Bonds shall constitute the Refunded Bonds, (xii) the Paying Agent/Registrar and Escrow Agent, if applicable, for the Bonds, (xiii) whether the Bonds shall be issued as Tax-Exempt Bonds or Taxable Bonds, (xiv) the Authorized Denominations for the Bonds, (xv) the date on which the Bonds shall be delivered to the purchaser(s) thereof, which date shall be not more than twelve (12) months following the Expiration Date, and (xvi) all other terms, provisions, details and matters relating to the Bonds and their issuance, sale, and delivery, and the refunding of the Refunded Obligations. All such determinations made by the Designated Financial Officer shall be specified in the Award Certificate delivered to the Executive Director, Board of Regents. Such determinations shall be limited by the following: (1) the price to be paid for the Bonds shall not be less than 95% of the aggregate original principal amount thereof plus accrued interest thereon, if any, from their dated date to their date of initial delivery, (2) none of the Bonds shall bear interest at a rate greater than the maximum rate allowed by law, (3) no Stated Maturity of any Bond shall be later than June 1, 2060, (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 Twenty-Ninth 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 Twenty-Ninth Supplement and shall be filed in the minutes of the Board as a part of this Twenty-Ninth Supplement.

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

exist at the time, the market conditions expected at the time of the sale, the achievement of the HUB goals of the Board, and any other matters that, in the judgment of the Designated Financial Officer, might affect the net borrowing costs on the Series of Bonds to be sold.

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

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

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

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

Section 4. INTEREST. 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 FORM OF BONDS and 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 Designated Financial Officer in the Award Certificate either (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 of twelve 30-day months or (iii) as otherwise determined by the Designated Financial Officer 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 thereof), compounded semiannually on the dates set forth in the Award Certificate (the “Compounding Dates”) commencing on the date set forth in the Award Certificate, and payable, together with the principal amount thereof, in the manner provided in the FORM OF BONDS at the rates set forth in the Award Certificate. Attached to the Award Certificate if Capital Appreciation Bonds are to be issued shall be an Exhibit (the “Compounded Amount Table”) which will set forth the rounded original principal amounts at the Issuance Date for the Capital Appreciation Bonds and the Compounded Amounts and Maturity Amounts thereof (per \$5,000 Maturity Amount) as of each Compounding Date, commencing on the date set forth in the Award Certificate, and continuing until the final maturity of such Capital Appreciation Bonds. The Compounded Amount with respect to any date other than a Compounding Date is the amount set forth on the Compounded Amount Table with respect to the last preceding Compounding Date, plus the portion of the difference between such amount and the amount set forth on the Compounded Amount Table with respect to the next succeeding Compounding Date that the number of days (based on 30-day months) from such last preceding Compounding Date to the date for which such determination is being calculated bears to the total number of days (based on 30-day months) from such last preceding Compounding Date to the next succeeding Compounding Date.

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

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

(b) Registration Books. The Board shall keep Registration Books for the registration of the transfer, exchange, and replacement of Bonds, and the Board hereby designates the Paying Agent/Registrar as the initial registrar and transfer agent to keep such Registration Books and make such registrations of transfers, exchanges, and replacements under such reasonable regulations as the Board may prescribe; and the Paying Agent/Registrar shall make such registrations, transfers, exchanges, and replacements as herein provided. The Paying

Agent/Registrar shall obtain and record in the Registration Books the address of the Registered Owner of each Bond to which payments with respect to the Bonds shall be mailed, as herein provided; but it shall be the duty of each Registered Owner to notify the Paying Agent/Registrar in writing of the address to which payments shall be mailed, and such interest payments shall not be mailed unless such notice has been given. The Board shall have the right to inspect the Registration Books during regular business hours of the Paying Agent/Registrar, but otherwise the Paying Agent/Registrar shall keep the Registration Books confidential and, unless otherwise required by law, shall not permit their inspection by any other entity.

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

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

(e) Authentication. The Initial Bond shall be delivered to the initial purchaser and is not required to be, and shall not be, authenticated by the Paying Agent/Registrar, but on each Bond issued in exchange for the Initial Bond or any Bond or Bonds issued under this Twenty-Ninth 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 Twenty-Ninth Supplement.

(f) Transfer, Exchange, or Replacement. Each Bond issued and delivered pursuant to this Twenty-Ninth 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 Twenty-Ninth 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 Twenty-Ninth Supplement shall constitute one of the Bonds for all purposes of this Twenty-Ninth 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 Twenty-Ninth Supplement there shall be printed an Authentication Certificate, in the form set forth in Exhibit B to this Twenty-Ninth 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 Twenty-Ninth Supplement. The Board shall pay the Paying Agent/Registrar's standard or customary fees and charges, if any, for transferring, and exchanging any Bond or any portion thereof, but the one requesting any such transfer and exchange shall pay any taxes or governmental charges required to be paid with respect thereto as a condition precedent to the exercise of such privilege. The Paying Agent/Registrar shall not be required to make any such transfer, exchange, or replacement of Bonds or any portion thereof during the period commencing with the close of business on any Record Date and ending with the opening of business on the next following interest payment date. To the extent possible, any new Bond issued in an exchange, replacement, or transfer of a Bond will be delivered to the Registered Owner or assignee of the Registered Owner not more than three business days after the receipt of the Bonds to be cancelled and the written request as described above.

(g) Substitute Paying Agent/Registrar. The Board covenants with the Registered Owners of the Bonds that at all times while the Bonds are outstanding the Board will provide a competent and legally qualified bank, trust company, financial institution, or other agency to act as and perform the services of Paying Agent/Registrar for the Bonds under this Twenty-Ninth 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 Twenty-Ninth Supplement. Upon any change in the Paying Agent/Registrar, the previous Paying Agent/Registrar promptly shall transfer and deliver the Registration Books (or a copy thereof), along with all other pertinent books and records relating to the Bonds, to the new Paying Agent/Registrar designated and appointed by the Board. Upon any change in the Paying Agent/Registrar, the Board promptly will cause a written notice thereof to be sent by the new Paying Agent/Registrar to each Registered Owner of the Bonds, by United States mail, first-class postage prepaid, which notice also shall give the address of the new Paying Agent/Registrar. By accepting the position and performing as such, each Paying Agent/Registrar shall be deemed to have agreed to the provisions of this Twenty-Ninth Supplement, and a certified copy of this Twenty-Ninth Supplement shall be delivered to each Paying Agent/Registrar.

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

With respect to Bonds registered in the name of Cede & Co., as nominee of DTC, the Board and the Paying Agent/Registrar shall have no responsibility or obligation to any DTC Participant or to any person on behalf of whom such a DTC Participant holds an interest on the Bonds. Without limiting the immediately preceding sentence, the Board and the Paying Agent/Registrar shall have no responsibility or obligation with respect to (i) the accuracy of the records of DTC, Cede & Co. or any DTC Participant with respect to any ownership interest in the Bonds, (ii) the delivery to any DTC Participant or any other person, other than a Bondholder, as shown on the Registration Books, of any notice with respect to the Bonds, including any notice of redemption, or (iii) the payment to any DTC Participant or any other person, other than a Bondholder, as shown in the Registration Books of any amount with respect to principal of, premium, if any, or interest on the Bonds. Notwithstanding any other provision of this Twenty-Ninth 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 Twenty-Ninth 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 Twenty-Ninth 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 Twenty-Ninth 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 Twenty-Ninth Supplement shall refer to such new nominee of DTC.

(i) Successor Securities Depository: Transfers Outside Book-Entry-Only System. In the event that the Board determines to discontinue the use of the Book-Entry-Only System through DTC, or DTC determines to discontinue providing its services with respect to the Bonds the Board shall (i) appoint a successor securities depository, qualified to act as such under Section 17(a) of the Securities and Exchange Act of 1934, as amended, notify DTC and DTC Participants of the appointment of such successor securities depository and transfer one or more separate Bonds to such successor securities depository or (ii) notify DTC and DTC Participants of the availability through DTC of Bonds and transfer one or more separate Bonds to DTC Participants having Bonds credited to their DTC accounts. In such event, the Bonds shall no longer be restricted to being registered in the Registration Books in the name of Cede & Co., as nominee of DTC, but may be registered in the name of the successor securities depository, or its nominee, or in whatever name or names Bondholders transferring or exchanging Bonds shall designate, in accordance with the provisions of this Twenty-Ninth Supplement. Whenever a successor securities depository has been appointed pursuant to this paragraph, the terms DTC and DTC Participant as used in this Twenty-Ninth Supplement shall refer to such successor securities depository and its participants, respectively.

(j) Payments to Cede & Co. Notwithstanding any other provision of this Twenty-Ninth 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 of the Board to DTC.

(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 Twenty-Ninth 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 Twenty-Ninth Supplement and the Award Certificate, including specifically information relating to Capital Appreciation Bonds and Current Interest Bonds, redemption provisions, and the information to be included in the purpose clause.

Section 7. ESTABLISHMENT OF FINANCING SYSTEM AND ISSUANCE OF PARITY OBLIGATIONS. By adoption of the Master Resolution the Board has established The Texas A&M University System Revenue Financing System for the purpose of providing a financing structure for revenue supported indebtedness of the institutions and agencies of The Texas A&M University System which are from time to time included as Participants of the Financing System. The Master Resolution is intended to establish a master plan under which revenue supported debt of the Financing System can be incurred. This Twenty-Ninth 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 Twenty-Ninth Supplement. The Pledged Revenues are hereby pledged, subject to the liens securing Prior Encumbered Obligations, to the payment of the principal of, premium, if any, and interest on Parity Obligations, including the Bonds, as the same shall become due and payable. The Board agrees to pay the principal of, premium, if any, and the interest on the Bonds when due, whether by reason of maturity or redemption.

Section 9. PAYMENTS.

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

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

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

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

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

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

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

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

Section 11. AMENDMENT OF SUPPLEMENT.

(a) Amendments Without Consent. This Twenty-Ninth 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 Twenty-Ninth 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 Twenty-Ninth Supplement;

(ii) To cure any ambiguity or inconsistency, or to cure or correct any defective provisions contained in this Twenty-Ninth 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 Twenty-Ninth 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 Twenty-Ninth 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 Twenty-Ninth 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 Twenty-Ninth 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 Twenty-Ninth 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 Twenty-Ninth 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. Such notice shall briefly set forth the nature of the proposed amendment and shall state that a copy thereof is on file at the principal office of the Registrar for inspection by all owners of Bonds. Such publication is not required, however, if the Board gives or causes to be given such notice in writing to each owner of Bonds.

(d) Receipt of Consents. Whenever at any time not less than thirty days, and within one year, from the date of the first publication of said notice or other service of written notice of the proposed amendment the Board shall receive an instrument or instruments executed by all of

the owners or the owners of at least fifty-one percent (51%) in Outstanding Principal Amount of Bonds, as appropriate, which instrument or instruments shall refer to the proposed amendment described in said notice and which specifically consent to and approve such amendment in substantially the form of the copy thereof on file as aforesaid, the Board may adopt the amendatory resolution in substantially the same form.

(e) Effect of Amendments. Upon the adoption by the Board of any resolution to amend this Twenty-Ninth Supplement pursuant to the provisions of this Section, this Twenty-Ninth 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 Twenty-Ninth Supplement, as amended.

(f) Consent Irrevocable. Any consent given by any owner of Bonds pursuant to the provisions of this Section shall be irrevocable for a period of six (6) months from the date of the first publication or other service of the notice provided for in this Section, and shall be conclusive and binding upon all future owners of the same Bonds during such period. Such consent may be revoked at any time after six months from the date of the first publication of such notice by the owner who gave such consent, or by a successor in title, by filing notice thereof with the Registrar and the Board, but such revocation shall not be effective if the owners of fifty-one percent (51%) in Outstanding Principal Amount of Bonds, prior to the attempted revocation, consented to and approved the amendment.

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

Section 12. COVENANTS REGARDING TAX MATTERS.

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

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

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

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

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

(e) At all times while the Tax-Exempt Bonds are outstanding, the Board will identify and properly account for all amounts constituting gross proceeds of the Tax-Exempt Bonds in accordance with the Regulations. The Board will monitor the yield on the investments of the proceeds of the Tax-Exempt Bonds and, to the extent required by the Code and the Regulations, will restrict the yield on such investments to a yield which is not materially higher than the yield on the Tax-Exempt Bonds. To the extent necessary to prevent the Tax-Exempt Bonds from constituting “arbitrage bonds,” the Board will make such payments as are necessary to cause the yield on all yield restricted nonpurpose investments allocable to the Tax-Exempt Bonds to be less than the yield that is materially higher than the yield on the Tax-Exempt Bonds.

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

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

(h) The Board will take all necessary steps to comply with the requirement that certain amounts earned by the Board on the investment of the gross proceeds of the Tax-Exempt Bonds, if any, be rebated to the federal government. Specifically, the Board will (i) maintain records regarding the receipt, investment, and expenditure of the gross proceeds of the Tax-Exempt Bonds as may be required to calculate such excess arbitrage profits separately from records of amounts on deposit in the funds and accounts of the Board allocable to other obligations of the Board or moneys which do not represent gross proceeds of any obligations of the Board and retain such records for at least six years after the day on which the last outstanding Bond is discharged, (ii) account for all gross proceeds under a reasonable, consistently applied method of accounting, not employed as an artifice or device to avoid in whole or in part, the requirements of Section 148 of the Code, including any specified method of accounting required by applicable Regulations to be used for all or a portion of any gross proceeds, (iii) calculate, at

such times as are required by applicable Regulations, the amount of excess arbitrage profits, if any, earned from the investment of the gross proceeds of the Tax-Exempt Bonds and (iv) timely pay, as required by applicable Regulations, all amounts required to be rebated to the federal government. In addition, the Board will exercise reasonable diligence to assure that no errors are made in the calculations required by the preceding sentence and, if such an error is made, to discover and promptly correct such error within a reasonable amount of time thereafter, including payment to the federal government of any delinquent amounts owed to it, interest thereon and any penalty.

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

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

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

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

(m) The covenants and representations made or required by this Section are for the benefit of the 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 Twenty-Ninth Supplement, the Board's representations and obligations under the covenants and provisions of this Section shall survive the defeasance and discharge of the Tax-Exempt Bonds for as long as such matters are relevant to the exclusion of interest on the Tax-Exempt Bonds from the gross income of the owners for federal income tax purposes.

Section 13. CONTINUING DISCLOSURE UNDERTAKING.

(a) Annual Reports. The Board shall provide annually to the MSRB, in an electronic format as prescribed by the MSRB, within six (6) months after the end of each Fiscal Year, financial information and operating data with respect to The Texas A&M University System, including the Annual Financial Report of The Texas A&M University System, as determined by the Designated Financial Officer at the time the Bonds are sold. The Award Certificate shall specify such financial information and operating data. Any financial statements with respect to The Texas A&M University System so to be provided shall be (1) prepared on an accrual basis, or such other basis as the Board may be required to employ from time to time pursuant to state law or regulation, and (2) audited, if the Board commissions an audit of such statements and the audit is completed within the period during which they must be provided. If audited financial statements are not so provided within the required period, then the Board shall provide unaudited financial statements for the applicable Fiscal Year to the MSRB, in an electronic format as prescribed by the MSRB, and shall file audited financial statements when and if audited financial statements become available. If audited financial statements are not prepared for any Fiscal Year and audited financial statements are prepared with respect to the State of Texas for such Fiscal Year, the Board shall provide, or cause to be provided, the audited financial statements of the State of Texas for the applicable Fiscal Year to the MSRB, in an electronic format as prescribed by the MSRB, within six (6) months after the end of said Fiscal Year or as soon thereafter as such audited financial statements become available from the State Auditor of the State of Texas. Any such audited financial statements of the State of Texas so provided shall be prepared in accordance with generally accepted accounting principles for state governments, as such principles may be changed from time to time to comply with state law.

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

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

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

(b) Event Notices. The Board shall notify the MSRB, in an electronic format as prescribed by the MSRB, in a timely manner not in excess of ten (10) business days after the

occurrence of the event, of any of the following events with respect to the Bonds: (i) principal and interest payment delinquencies; (ii) non-payment related defaults, if material; (iii) unscheduled draws on debt service reserves reflecting financial difficulties; (iv) unscheduled draws on credit enhancements reflecting financial difficulties; (v) substitution of credit or liquidity providers, or their failure to perform; (vi) adverse tax opinions, the issuance by the Internal Revenue Service of proposed or final determinations of taxability, Notices of Proposed Issue (IRS Form 5701-TEB) or other material notices or determinations with respect to the tax status of the Bonds, or other material events affecting the tax status of the Bonds; (vii) modifications to rights of holders of the Bonds, if material; (viii) bond calls, if material, and tender offers; (ix) defeasances; (x) release, substitution, or sale of property securing repayment of the Bonds, if material; (xi) rating changes; (xii) bankruptcy, insolvency, receivership or similar event of the obligated person; (xiii) the consummation of a merger, consolidation, or acquisition involving an obligated person or the sale of all or substantially all of the assets of the obligated person, other than in the ordinary course of business, the entry into a definitive agreement to undertake such an action or the termination of a definitive agreement relating to any such actions, other than pursuant to its terms, if material; and (xiv) the appointment of a successor or additional trustee or the change of name of a trustee, if material.

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.

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

(d) Limitations, Disclaimers, and Amendments. The Board shall be obligated to observe and perform the covenants specified in this Section for so long as, but only for so long as, the Board remains an “obligated person” with respect to the Bonds within the meaning of the Rule, except that the Board in any event will give the notice required by Section 4 of this Twenty-Ninth 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 Twenty-Ninth Supplement for purposes of any other provision of this Twenty-Ninth 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 Twenty-Ninth 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.

Section 14. TWENTY-NINTH SUPPLEMENT TO CONSTITUTE A CONTRACT; EQUAL SECURITY. In consideration of the acceptance of the Bonds, the

issuance of which is authorized hereunder, by those who shall hold the same from time to time, this Twenty-Ninth 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 Twenty-Ninth Supplement by the Board and the covenants and agreements set forth in this Twenty-Ninth 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 Twenty-Ninth 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 Twenty-Ninth 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 TWENTY-NINTH SUPPLEMENT. With the exception of the rights or benefits herein expressly conferred, nothing expressed or contained herein or implied from the provisions of this Twenty-Ninth 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 Twenty-Ninth Supplement or any covenant, condition, stipulation, promise, agreement, or provision herein contained. This Twenty-Ninth Supplement and all of the covenants, conditions, stipulations, promises, agreements, and provisions hereof are intended to be and shall be for and inure to the sole and exclusive benefit of the Board, the Holders, and the Paying Agent/Registrar as herein and therein provided.

Section 18. CUSTODY, APPROVAL, BOND COUNSEL'S OPINION, CUSIP NUMBERS, PREAMBLE AND INSURANCE. The Designated Financial Officer is hereby authorized to have control of the Bonds issued hereunder and all necessary records and proceedings pertaining to the Bonds pending their delivery and approval by the Attorney General of the State of Texas of the proceedings authorizing the Bonds in accordance with Chapter 1371, Texas Government Code, as amended. The Designated Financial Officer is also authorized to request that the Attorney General approve the Bonds and that the Comptroller of Public Accounts register the Bonds, and to cause an appropriate legend reflecting such approval and

registration to appear on the Bonds and the substitute Bonds. The approving legal opinion of Bond Counsel and the assigned CUSIP numbers may, at the option of the Board, be printed on the Bonds and on any Bonds issued and delivered in exchange or replacement of any Bond, but neither shall have any legal effect, and shall be solely for the convenience and information of the Registered Owners of the Bonds. The preamble to the Twenty-Ninth Supplement is hereby adopted and made a part of this Twenty-Ninth Supplement for all purposes. If insurance is obtained on any of the Bonds, the Bonds shall bear, as appropriate and applicable, a legend concerning insurance as provided by the Insurer.

Section 19. REFUNDING OF REFUNDED OBLIGATIONS; ESCROW AGREEMENTS.

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

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

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

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

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

(e) To assure the purchase of the “Escrowed Securities” referred to in the respective Escrow Agreements for the Refunded Notes or the Refunded Bonds, the Designated Financial Officer, acting for and on behalf of the Board, is hereby authorized to subscribe for, agree to purchase and purchase “Government Obligations,” as defined in resolutions authorizing the Refunded Notes or the resolutions authorizing the Refunded Bonds, in such amounts and maturities and bearing interest at such rates as may be provided for in such Escrow Agreement, and to execute any and all subscriptions, purchase agreements, commitments, letters of authorization and other documents necessary to effectuate the foregoing, and is authorized to create and fund 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 Twenty-Ninth 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 Twenty-Ninth Supplement and to direct the transfer and application of funds of the Board consistent with the provisions of such Escrow Agreement(s) and this Twenty-Ninth Supplement.

Section 20. APPLICATION OF BOND PROCEEDS.

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

be credited to a special account to be held to pay interest on the Bonds on the first interest payment date; and (v) any proceeds from the sale of the Bonds remaining after the deposits provided for in clauses (i) through (iv) above, shall be applied to pay expenses arising in connection with the issuance of the Bonds and the refunding of the Refunded Obligations.

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

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

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

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

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

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

Section 21. FURTHER PROCEDURES.

(a) The Chairman, Vice Chairman and Executive Director, Board of Regents, and each member of the Board, the Designated Financial Officer, and all other officers, employees, and agents of the Board, and each of them, shall be and they are hereby expressly authorized, empowered, and directed from time to time and at any time to do and perform all such acts and things and to execute, acknowledge, and deliver in the name and under the corporate seal and on behalf of the Board all such instruments, whether or not herein mentioned, as may be necessary

or desirable in order to carry out the terms and provisions of this Twenty-Ninth Supplement, the Award Certificate, the Blanket Letter of Representation with DTC regarding the Book-Entry-Only System (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 Twenty-Ninth Supplement, any amendments to the above named documents, and any technical amendments to this Twenty-Ninth 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 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 Twenty-Ninth 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 Twenty-Ninth 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 Twenty-Ninth 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 Twenty-Ninth Supplement are hereby repealed and shall be of no further force or effect to the extent of such conflict or inconsistency.

Section 26. DEFEASANCE OF OUTSTANDING PARITY OBLIGATIONS. The Board desires to authorize the use of certain lawfully available funds of the Board, as determined by the Designated Financial Officer, to defease and refund, from time to time, certain outstanding Parity Obligations previously issued by the Board in accordance with the applicable defeasance provisions in the respective Supplemental Resolutions that authorized the issuance of

such Parity Obligations. The Designated Financial Officer is hereby authorized to determine and retire, from time to time, the various portions of such outstanding Parity Obligations which are economically advantageous for Board to retire by the defeasance of such debt. The Designated Financial Officer is authorized to enter into one or more Escrow Agreements to accomplish such defeasances. In the event of such a defeasance, the Designated Financial Officer is authorized hereby to take such steps as may be necessary to purchase the escrowed securities identified in such Escrow Agreements on behalf of the Board and is authorized to create and fund the escrow funds contemplated by the Escrow Agreements through the use of the lawfully available funds of the Board. The Designated Financial Officer is authorized to call for redemption such Parity Obligations defeased pursuant to this Section and is hereby authorized to provide and complete an appropriate notice of redemption to the paying agent(s) for such Parity Obligations in anticipation of or upon the deposit with the Escrow Agent of such available funds and compliance with the conditions set forth in the Escrow Agreements.

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

EXHIBIT A

DEFINITIONS

As used in this Twenty-Ninth 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 Twenty-Ninth 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 Twenty-Ninth 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 Twenty-Ninth 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 Twenty-Ninth Supplement.

The term “Compounding Dates” means Compounding Dates as defined in Section 4 of this Twenty-Ninth Supplement.

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

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

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

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

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

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

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

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

The term “MSRB” shall mean the Municipal Securities Rulemaking Board.

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

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

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

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

The term “Official Statement” means the disclosure document describing the Bonds of a Series dated the date of sale pursuant to Section 22 of this Twenty-Ninth 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 “Rule” means SEC Rule 15c2-12, as amended from time to time.

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

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

The term “Section 55.17 Projects” means the improvements or facilities to be financed or refinanced with Bonds pursuant to Sections 55.1711, 55.1721, 55.1731, 55.1741, 55.17411, 55.1751, 55.1771, and 55.1781 of the Education Code, or similar provisions currently existing or hereafter enacted by the Legislature.

The term “Series” means any designated Series of Bonds issued pursuant to this Twenty-Ninth Supplement.

The term “State” means the State of Texas.

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

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

The term “Twenty-Ninth Supplement” means this Supplemental Resolution authorizing the Bonds.

EXHIBIT B

FORM OF BONDS

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

United States of America
State of Texas

NUMBER
R-__
REGISTERED

PRINCIPAL AMOUNT
\$ _____
REGISTERED

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

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

REGISTERED OWNER:

PRINCIPAL AMOUNT: _____ DOLLARS

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

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

payment of interest on this Bond shall be made by the Paying Agent/Registrar to the registered owner hereof on each interest payment date by check, dated as of such interest payment date, drawn by the Paying Agent/Registrar on, and payable solely from, funds of the Board required by the Bond Resolution (hereinafter defined), to be on deposit with the Paying Agent/Registrar for such purpose as hereinafter provided; and such check shall be sent by the Paying Agent/Registrar by United States mail, first-class postage prepaid, on each such interest payment date, to the registered owner hereof, at the address of the registered owner, as it appeared on the last calendar day of the month next preceding each such date (the "Record Date") on the Registration Books kept by the Paying Agent/Registrar, as hereinafter described; provided, that upon the written request of any owner of no less than \$1,000,000 in aggregate principal amount of the Bonds, delivered to the Paying Agent/Registrar not later than the Record Date immediately preceding an interest payment date, interest due on such interest payment date shall be made by wire transfer to any designated account within the United States of America. In addition, interest may be paid by such other method acceptable to the Paying Agent/Registrar, requested by, and at the risk and expense of, the registered owner. Any accrued interest due upon the redemption of this Bond prior to maturity as provided herein shall be paid to the registered owner upon presentation and surrender of this Bond for redemption and payment at the corporate trust office of the Paying Agent/Registrar. The Board covenants with the registered owner of this Bond that on or before each principal payment date, interest payment date, and accrued interest payment date for this Bond it will make available to the Paying Agent/Registrar, from the Pledged Revenues, the amounts required to provide for the payment, in immediately available funds, of all principal of and interest on the Bonds, when due, in the manner set forth in the resolution authorizing the issuance of this Bond adopted by the Board on [_____], 2018 (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 _____ MATURITY AMOUNT
CR-__ \$ _____
REGISTERED REGISTERED

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

INTEREST RATE MATURITY DATE ISSUANCE DATE CUSIP:
_____ % _____, 20__ _____ _____

REGISTERED OWNER:

MATURITY AMOUNT: _____ DOLLARS

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

THE MATURITY AMOUNT OF this Bond is payable in lawful money of the United States of America, without exchange or collection charges, solely from funds of the Board required by the Bond Resolution to be on deposit with the Paying Agent/Registrar for such purpose as hereinafter provided. The Maturity Amount or Compounded Amount of this Bond shall be paid to the registered owner hereof upon presentation and surrender of this Bond at maturity or upon the date fixed for its redemption prior to maturity, as the case may be, at the corporate trust office of _____ in _____, which is the "Paying Agent/Registrar" for this Bond. The Board covenants with the registered owner of this Bond that on or before the Maturity Date for this Bond it will make available to the Paying Agent/Registrar, the amount required to provide for the payment, in immediately available funds, of the Maturity Amount when due, in the manner set forth in the resolution authorizing the issuance of this Bond adopted by the Board on [_____], 2018 (the "Bond Resolution"). Notwithstanding the foregoing, during any period in which ownership of the Bonds is determined by a book entry at a securities depository for the Bonds, payments made to the securities depository, or its nominee, shall be made in accordance with arrangements between the

Board and the securities depository. Terms used herein and not otherwise defined have the meaning given in the Bond Resolution.

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

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

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

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

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

Bonds Maturing _____

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:

<u>Principal</u> <u>Installments</u>	<u>Years of</u> <u>Stated Maturities</u>	<u>Interest</u> <u>Rates</u>
---	---	---------------------------------

(Information from Award Certificate to be inserted)

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

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

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

<u>Maturity Amounts</u>	<u>Years of Stated Maturities</u>	<u>Interest Rates</u>
-----------------------------	---------------------------------------	---------------------------

(Information from Award Certificate to be inserted)

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

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

* * *

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



THE TEXAS A&M UNIVERSITY SYSTEM

System Internal Audit Department

Fiscal Year 2019 Audit Plan



System Internal Audit Department Fiscal Year 2019 Audit Plan

Planned Audits for Fiscal Year 2019

SYSTEMWIDE AUDITS

Business Operations - Crops
Export Controls Outside of Brazos County

A&M SYSTEM OFFICES

Facilities Planning and Construction

TEXAS A&M UNIVERSITY

College of Architecture – Information Technology
Division of Marketing and Communications – Information Technology
Division of Student Affairs – Information Technology
University Libraries – Information Technology
Corps of Cadets
Department of Student Activities
Human Subjects Research
Student Receivables
University Police Department
Veterinary Medical Teaching Hospital – Financial Management Services
Texas A&M University at Galveston - University Police Department

PRAIRIE VIEW A&M UNIVERSITY

Athletics
Financial Management Services
University Police Department

TARLETON STATE UNIVERSITY

Financial Management Services
Research Administration
University Police Department

TEXAS A&M INTERNATIONAL UNIVERSITY

Athletics
University Police Department

TEXAS A&M UNIVERSITY – CENTRAL TEXAS

University Police Department



**System Internal Audit Department
Fiscal Year 2019 Audit Plan**

TEXAS A&M UNIVERSITY – COMMERCE

Athletics
Student Financial Aid
University Police Department

TEXAS A&M UNIVERSITY – CORPUS CHRISTI

Student Financial Aid

TEXAS A&M UNIVERSITY – KINGSVILLE

Student Financial Aid
Information Technology
University Police Department

TEXAS A&M UNIVERSITY – SAN ANTONIO

Financial Management Services
University Police Department

TEXAS A&M UNIVERSITY – TEXARKANA

University Police Department

WEST TEXAS A&M UNIVERSITY

University Police Department

TEXAS A&M AGRILIFE EXTENSION SERVICE

Health and Safety

TEXAS A&M AGRILIFE RESEARCH

Health and Safety

TEXAS A&M TRANSPORTATION INSTITUTE

Financial Management Services



System Internal Audit Department Fiscal Year 2019 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 2019. The plan is developed to satisfy responsibilities established by the Board of Regents Bylaws, System Policy 10.01, Section 2102.008 of the Government Code, and applicable auditing standards. The Chief Auditor is authorized to make changes to the plan, as deemed necessary, 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.

The audits in the plan provide a systematic and objective approach to assist The Texas A&M University System in achieving its goals and objectives in an efficient and effective manner. The audits included in this plan were primarily identified through a systemwide risk assessment process, although some of the audits are performed to assist the A&M System in complying with external requirements. 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 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.



**FY 2019 – FY 2023
Capital Plan
August 2018**

EXECUTIVE SUMMARY

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

The \$3.8 billion System Capital Plan includes \$2.8 billion of previously approved projects that are either in design or under construction and \$1.1 billion in proposed future projects. After cumulative expenditures through May 2018 of \$1.3 billion, the remaining balance to be expended on approved projects is \$1.5 billion. Included in the proposed future projects are \$598.2 million of Revenue Financing System debt projects, \$84.4 million of Permanent University Fund debt projects, and \$411.8 million of projects to be funded by cash sources including the Available University Fund, Higher Education Fund, energy savings contracts, interest income, federal grants, designated tuition, gifts, student fees, auxiliary enterprise funds, general revenue, and other local funds.

Fiscal year 2019 proposed projects total \$282.9 million and include \$172.9 million of RFS debt projects, \$41.9 million of PUF debt projects, and \$68.1 million of projects to be funded by cash sources including AUF, HEF, energy savings contracts, interest income, federal grants, designated tuition, gifts, auxiliary enterprise funds, general revenue, and other local funds.

THE TEXAS A&M UNIVERSITY SYSTEM CAPITAL PLAN FY 2019 - FY 2023

<u>System Member</u>	<u>Previously Approved Projects</u>	<u>Proposed Projects</u>	<u>Total Project Planning Amounts</u>
Texas A&M University	1,078,985,098	616,954,817	1,695,939,915
Texas A&M University at Galveston	56,430,000	12,000,000	68,430,000
Texas A&M Health Science Center	294,554,485	40,718,000	335,272,485
Prairie View A&M University	56,710,685	-	56,710,685
Tarleton State University	173,883,878	32,400,000	206,283,878
Texas A&M University - Corpus Christi	129,207,026	-	129,207,026
Texas A&M International University	82,277,563	-	82,277,563
Texas A&M University - Kingsville	97,774,474	85,500,000	183,274,474
West Texas A&M University	154,756,244	75,050,000	229,806,244
Texas A&M University - Texarkana	32,000,000	-	32,000,000
Texas A&M University - Commerce	54,000,000	7,000,000	61,000,000
Texas A&M University - Central Texas	44,860,405	-	44,860,405
Texas A&M University - San Antonio	92,302,588	7,410,520	99,713,108
Texas A&M AgriLife Research	39,695,859	15,000,000	54,695,859
Texas A&M AgriLife Extension Service	1,667,000	-	1,667,000
Texas A&M Forest Service	283,000	-	283,000
Texas A&M Veterinary Medical Diagnostic Laboratory	15,600,000	-	15,600,000
Texas A&M Engineering Experiment Station	94,936,000	66,506,000	161,442,000
Texas A&M Engineering Extension Service	15,950,000	85,895,000	101,845,000
Texas A&M Transportation Institute	72,000,000	-	72,000,000
System Offices	58,513,000	5,000,000	63,513,000
RELLIS	107,604,000	45,000,000	152,604,000
	<u>2,753,991,305</u>	<u>1,094,434,337</u>	<u>3,848,425,642</u>

THE TEXAS A&M UNIVERSITY SYSTEM CAPITAL PLAN FY 2019 - FY 2023

<u>System Member</u>	<u>Total Project Planning Amounts</u>	<u>Cumulative Prior Years Expenditures to 5/31/2018</u>	<u>Remaining Planning Amounts</u>
Texas A&M University	1,695,939,915	562,130,510	1,133,809,405
Texas A&M University at Galveston	68,430,000	40,585,027	27,844,973
Texas A&M Health Science Center	335,272,485	79,352,568	255,919,917
Prairie View A&M University	56,710,685	22,329,702	34,380,983
Tarleton State University	206,283,878	58,923,350	147,360,528
Texas A&M University - Corpus Christi	129,207,026	50,612,797	78,594,229
Texas A&M International University	82,277,563	31,762,471	50,515,092
Texas A&M University - Kingsville	183,274,474	28,521,162	154,753,312
West Texas A&M University	229,806,244	54,077,608	175,728,636
Texas A&M University - Texarkana	32,000,000	15,418,815	16,581,185
Texas A&M University - Commerce	61,000,000	17,542,431	43,457,569
Texas A&M University - Central Texas	44,860,405	26,804,272	18,056,133
Texas A&M University - San Antonio	99,713,108	40,179,533	59,533,575
Texas A&M AgriLife Research	54,695,859	26,150,693	28,545,166
Texas A&M AgriLife Extension Service	1,667,000	441,088	1,225,912
Texas A&M Forest Service	283,000	-	283,000
Texas A&M Veterinary Medical Diagnostic Laboratory	15,600,000	-	15,600,000
Texas A&M Engineering Experiment Station	161,442,000	73,084,165	88,357,835
Texas A&M Engineering Extension Service	101,845,000	1,044,681	100,800,319
Texas A&M Transportation Institute	72,000,000	33,988,826	38,011,174
System Offices	63,513,000	44,493,076	19,019,924
RELLIS	152,604,000	49,434,984	103,169,016
	<u>3,848,425,642</u>	<u>1,256,877,759</u>	<u>2,591,547,883</u>

**THE TEXAS A&M UNIVERSITY SYSTEM
CAPITAL PLAN
PROPOSED PROJECTS - FISCAL YEAR 2019**

System Member	Planning Amounts	Resource Allocation		
		PUF Debt Proceeds	RFS Debt Proceeds	Other
Texas A&M University	79,316,810		52,705,660	26,611,150
Texas A&M University at Galveston	12,000,000		12,000,000	
Texas A&M Health Science Center	40,718,000		24,718,000	16,000,000
Prairie View A&M University	-			
Tarleton State University	18,400,000	5,400,000	10,000,000	3,000,000
Texas A&M University - Corpus Christi	-			
Texas A&M International University	-			
Texas A&M University - Kingsville	9,000,000		9,000,000	
West Texas A&M University	3,500,000		3,500,000	
Texas A&M University - Texarkana	-			
Texas A&M University - Commerce	-			
Texas A&M University - Central Texas	-			
Texas A&M University - San Antonio	7,410,520	5,000,000	1,600,000	810,520
Texas A&M AgriLife Research	15,000,000	15,000,000		
Texas A&M AgriLife Extension Service	-			
Texas A&M Forest Service	-			
Texas A&M Veterinary Medical Diagnostic Laboratory	-			
Texas A&M Engineering Experiment Station	18,640,000		2,500,000	16,140,000
Texas A&M Engineering Extension Service	56,895,000		56,895,000	
Texas A&M Transportation Institute	-			
System Offices	5,000,000	2,500,000		2,500,000
RELLIS	17,000,000	14,000,000		3,000,000
	<u>282,880,330</u>	<u>41,900,000</u>	<u>172,918,660</u>	<u>68,061,670</u>

THE TEXAS A&M UNIVERSITY SYSTEM
Capital Plan

Funding Codes

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

TEXAS A&M UNIVERSITY
FY 2019 - FY 2023 CAPITAL PLAN
SUMMARY INFORMATION

Project #	Projected FY Start Date for Proposed Projects	Project Name	Total Planning Amount	Funding Sources			Cumulative Expenditures Prior Years to 5/31/18		
				PUF Debt Proceeds	RFS Debt Proceeds	Other			
APPROVED PROJECTS									
2-3155		* Engineering Education Complex	228,660,000	90,500,000	129,010,000	b,o,y	9,150,000	b,o,y	177,890,232
2-3162		Completion of Corps Dorm Renovation	149,000,000		146,000,000	h	3,000,000	b	144,289,662
2-3164		Chemistry Building '72 Wing 1st and 2nd Floor Renovation	12,894,125				12,894,125	a,g,o	12,677,763
2-3170		Human Clinical Research Facility	13,950,000				13,950,000	a,g,y	13,708,838
2-3177		West Campus Support Building	17,100,000		17,100,000	h			15,852,970
2-3183		Aggie Softball Stadium	28,640,000		23,804,453	b,v	4,835,547	b	22,086,259
2-3184		Aggie Track & Field Stadium	39,800,000		35,836,299	b,v	3,963,701	b	21,044,631
2-3193		Joint Library Facility Module 2	4,024,256				4,024,256	a,g	3,977,289
2-3205		Biocontainment Research Facility	86,000,000	11,000,000	75,000,000	T			35,097,582
2-3208		** Agriculture Building #5	49,000,000	24,100,000	17,200,000	g,y,o	7,700,000	s,g,o	9,774,112
2-3211		Music Activities Center	42,750,000		9,016,250	b	33,733,750	a,b,x	10,664,404
2-3212		McAllen Multipurpose Academic Building	40,000,000	30,000,000			10,000,000	o	27,684,888
2-3216		Penberthy Rec Fields Relocation	9,984,263		800,000	p	9,184,263	b	9,814,083
2-3220		Storm Water System Improvements	11,430,000		11,430,000	u			869,060
2-3235		Student Services Building	42,629,000		38,629,000	s	4,000,000	s	3,864,681
2-3236		21st Century Classroom Building	85,000,000	70,000,000			15,000,000	o	3,394,985
2-3254		Polo Garage	56,867,296		56,867,296	p			-
2-3266		Veterinary Education, Research & Outreach Center	22,000,000	22,000,000					-
		Domestic Water System Improvements	9,562,250		9,562,250	u			705,138
		Electrical System Improvements	8,940,000		8,940,000	u			626,888
		HVAC Replacement Clements Hall	7,123,200		7,123,200	h			1,126,562
		HVAC Replacement Haas Hall	8,195,041		8,195,041	h			-
		HVAC Replacement Hobby Hall	6,932,400		6,932,400	h			665,050
		HVAC Replacement McFadden Hall	7,614,216		7,614,216	h			-
		HVAC Replacement Rudder Hall	6,830,500		6,830,500	h			4,994,195
		Thermal System Improvements	9,665,875		9,665,875	u			4,230,351
		Combined Heat and Power System Maintenance	5,307,500				5,307,500	u	133,000
		Equine Complex Phase II Initiative	6,841,401				6,841,401	g,o	507,086
		Reimagine the Libraries Phase 3	7,300,000				7,300,000	b,s	6,395,298
		TVMDL Renovation	5,000,000				5,000,000	g	330,374
		Physical Plant Projects/Equipment/Other	49,943,775	43,943,775	6,000,000				29,725,129
		Total Construction/Acquisitions in Progress	<u>1,078,985,098</u>	<u>291,543,775</u>	<u>631,556,780</u>		<u>155,884,543</u>		<u>562,130,510</u>

* \$2 million of RFS debt will be funded by TEES.

** \$10 million of RFS debt will be funded by TEES.

\$7.2 million of RFS debt will be funded by AL-RSRCH and \$1.34 million of Other will be funded by AL-RSRCH.

TEXAS A&M UNIVERSITY
FY 2019 - FY 2023 CAPITAL PLAN
SUMMARY INFORMATION

Project #	Projected FY Start Date for Proposed Projects	Project Name	Total Planning Amount	Funding Sources			Cumulative Expenditures Prior Years to 5/31/18
				PUF Debt Proceeds	RFS Debt Proceeds	Other	
PROPOSED PROJECTS							
	2019	*** Polo Garage (addition)	21,500,000		21,500,000 r,p		
	2019	72 Wing Chemistry Ground Floor	4,900,000			4,900,000 g	
	2019	Swimming and Diving Expansion	7,000,000			7,000,000 b	
	2019	Mosher Hall Interior Finishes Renovation	7,224,400			7,224,400 h	
	2019	Heldenfels 2nd Floor Renovation	7,486,750			7,486,750 g	
	2019	Utility Plant Control Upgrade	7,500,000		7,500,000 u		
	2019	Building Automation Systems (BAS) Upgrade	9,750,000		9,750,000 u		
	2019	HVAC Replacement Aston Hall	13,955,660		13,955,660 h		
	2020	Aerothermochemistry Lab, Expansion of Wind Tunnel Building	5,000,000			5,000,000 a,o	
	2020	Gilchrist Renovation	4,000,000			4,000,000 g	
	2020	Nagel Hall Renovation	6,100,000			6,100,000 g	
	2020	South Campus Recreation Center	35,062,500		35,062,500 r		
	2020	The Gardens at Texas A&M University: Phase II	33,500,203			33,500,203 b	
	2020	Aggie Park	10,000,000			10,000,000 b	
	2020	Aggie Park Pavilion	5,000,000			5,000,000 b	
	2020	HVAC Replacement Appelt Hall	8,165,848		8,165,848 h		
	2020	HVAC Replacement Lechner	7,994,926		7,994,926 h		
	2020	HVAC Replacement Wells Hall	6,932,400		6,932,400 h		
	2020	Peterson Building Renovation	11,500,000		11,500,000 g,o		
	2020	Law School Clinic and Garage	31,000,000			31,000,000 b	
	2020	Allen Building Renovation	4,200,000			4,200,000 b,g	
	2020	Indoor Tennis Facility	30,000,000			30,000,000 b	
	2020	Instructional Laboratory & Innovative Learning Building (ILSQ)	85,000,000		50,000,000 g	35,000,000 o	
	2020	West Campus Dining Facility	15,000,000			15,000,000 o	
	2020	HVAC Replacement Dunn Hall	15,194,130		15,194,130 h		
	2021	Aggie Band Residence Hall	58,288,000		58,288,000 h		
	2021	Mosher Hall Renovation	39,200,000		19,700,000 h	19,500,000 b	
	2021	Southside Innovation Center	41,500,000		21,500,000 h	20,000,000 b	
	2021	Law School Building	85,000,000			85,000,000 b	
		Total Proposed Construction/Acquisitions	616,954,817	-	287,043,464	329,911,353	-
TOTAL CAPITAL PLAN			<u>1,695,939,915</u>	<u>291,543,775</u>	<u>918,600,244</u>	<u>485,795,896</u>	<u>562,130,510</u>

*** Subject to Board approval of rec sports fee increase from \$106 to \$145 per student per semester.

Unfunded Capital Needs:

2020	Vivarium Addition to LARR	20,000,000
2021	Heldenfels 2nd Floor Renovation - Biology	6,200,000

TEXAS A&M UNIVERSITY at GALVESTON
FY 2019 - FY 2023 CAPITAL PLAN
SUMMARY INFORMATION

Project #	Projected FY Start Date for Proposed Projects	Project Name	Total Planning Amount	Funding Sources			Cumulative Expenditures Prior Years to 5/31/18
				PUF Debt Proceeds	RFS Debt Proceeds	Other	
APPROVED PROJECTS							
10-3197		Academic Building Complex Phase II and Infrastructure Total Construction/Acquisitions in Progress	56,430,000 <u>56,430,000</u>	- <u>-</u>	56,430,000 T,p <u>56,430,000</u>	- <u>-</u>	40,585,027 <u>40,585,027</u>
PROPOSED PROJECTS							
		Physical Plant Projects/Equipment/Other Total Proposed Construction/Acquisitions	12,000,000 <u>12,000,000</u>	- <u>-</u>	12,000,000 h <u>12,000,000</u>	- <u>-</u>	- <u>-</u>
TOTAL CAPITAL PLAN			<u>68,430,000</u>	<u>-</u>	<u>68,430,000</u>	<u>-</u>	<u>40,585,027</u>

Unfunded Capital Needs:

2019	The ISLE, Infrastructure, and Central Plant	58,349,500
2019	New Engineering Teaching/Research Building	35,000,000
2019	Renovation of Old Library for New Student Center	8,358,366
2019	Land Acquisition	15,000,000
2020	Recreation Sports Facility Expansion and Athletic Fields	38,741,027
2020	Building Condition Assessment Upgrades	42,627,428
2020	Corps Walk	614,937

TEXAS A&M HEALTH SCIENCE CENTER
FY 2019 - FY 2023 CAPITAL PLAN
SUMMARY INFORMATION

Project #	Projected FY Start Date for Proposed Projects	Project Name	Total Planning Amount	Funding Sources			Cumulative Expenditures Prior Years to 5/31/18
				PUF Debt Proceeds	RFS Debt Proceeds	Other	
APPROVED PROJECTS							
23-3202		Dentistry Clinical Education Facility - Dallas	127,500,000	5,000,000	109,500,000 T,g,o	13,000,000 b,g	22,024,855
23-3203		Medical Research and Education Building 2	103,800,000	31,800,000	72,000,000 T		50,187,294
23-3258		En/Health Building Renovation	45,000,000	44,091,480	908,520 a		-
		Physical Plant Projects/Equipment/Other	18,254,485	18,254,485			7,140,419
		Total Construction/Acquisitions in Progress	<u>294,554,485</u>	<u>99,145,965</u>	<u>182,408,520</u>	<u>13,000,000</u>	<u>79,352,568</u>
PROPOSED PROJECTS							
	2019	En/Health Building Renovation (addition)	40,718,000		24,718,000 a	16,000,000 o	
		Total Construction/Acquisitions	<u>40,718,000</u>	<u>-</u>	<u>24,718,000</u>	<u>16,000,000</u>	<u>-</u>
TOTAL CAPITAL PLAN			<u>335,272,485</u>	<u>99,145,965</u>	<u>207,126,520</u>	<u>29,000,000</u>	<u>79,352,568</u>

Unfunded Capital Needs:
2022 Multi-Institutional Translational Research Campus 157,750,000

PRAIRIE VIEW A&M UNIVERSITY
FY 2019 - FY 2023 CAPITAL PLAN
SUMMARY INFORMATION

Project #	Projected FY Start Date for Proposed Projects	Project Name	Total Planning Amount	Funding Sources			Cumulative Expenditures Prior Years to 5/31/18
				PUF Debt Proceeds	RFS Debt Proceeds	Other	
APPROVED PROJECTS							
5-3198		Fabrication Center	17,158,000	2,158,000	14,500,000 T	500,000 g	14,926,084
5-3204		Capital Improvements	22,232,000		14,132,000 T	8,100,000 a,g	3,290,538
		Agriculture Comprehensive Facility	5,844,688			5,844,688 c,g	26,558.00
		Physical Plant Projects/Equipment/Other	11,475,997	11,475,997			4,086,522
		Total Construction/Acquisitions in Progress	<u>56,710,685</u>	<u>13,633,997</u>	<u>28,632,000</u>	<u>14,444,688</u>	<u>22,329,702</u>
TOTAL CAPITAL PLAN			<u>56,710,685</u>	<u>13,633,997</u>	<u>28,632,000</u>	<u>14,444,688</u>	<u>22,329,702</u>

Unfunded Capital Needs:

2019	Integrated Food Security Research Center Renovation	3,500,000
2019	Student Services Building	10,000,000
2019	Engineering Classroom and Research Building	60,000,000
2020	Texas Center for Precision Regenerative Medicine Renovation	3,800,000
2020	Multipurpose Educational and Event Facility	48,000,000
2022	Expanded Utility Plant	18,000,000

TARLETON STATE UNIVERSITY
FY 2019 - FY 2023 CAPITAL PLAN
SUMMARY INFORMATION

Project #	Projected FY Start Date for Proposed Projects	Project Name	Total Planning Amount	Funding Sources			Cumulative Expenditures Prior Years to 5/31/18
				PUF Debt Proceeds	RFS Debt Proceeds	Other	
APPROVED PROJECTS							
4-3176		Memorial Football Stadium Renovation and Expansion	27,055,000		27,055,000 x,o,b		8,292,491
4-3187		Utility and Infrastructure Improvements	25,750,000	20,000,000	5,000,000 s	750,000 x	21,536,822
4-3191		Southwest Metroplex Building	40,800,000	1,200,000	39,600,000 T		6,219,881
4-3195		Applied Sciences Building	54,000,000		54,000,000 T		14,726,503
4-3259		Farm Repair and Modernization	10,000,000			10,000,000 n	-
		Physical Plant Projects/Equipment/Other	16,278,878	16,278,878			8,147,653
		Total Construction/Acquisitions in Progress	<u>173,883,878</u>	<u>37,478,878</u>	<u>125,655,000</u>	<u>10,750,000</u>	<u>58,923,350</u>
PROPOSED PROJECTS							
2019		Farm Repair & Modernization (addition)	900,000	900,000			
2019		Aquatics Center	10,000,000		10,000,000 s		
2020		College of Business/Hydrology Renovation	6,000,000	6,000,000			
2020		Parking Lots	5,000,000		5,000,000 p		
		Physical Plant Projects/Equipment/Other	10,500,000	4,500,000		6,000,000	
		Total Proposed Construction/Acquisitions	<u>32,400,000</u>	<u>11,400,000</u>	<u>15,000,000</u>	<u>6,000,000</u>	<u>-</u>
TOTAL CAPITAL PLAN			<u>206,283,878</u>	<u>48,878,878</u>	<u>140,655,000</u>	<u>16,750,000</u>	<u>58,923,350</u>

Unfunded Capital Needs:

2020	Engineering Technology Renovation	8,000,000
2020	Fort Worth Building #2/Physical Plant/Infrastructure	70,000,000
2020	OA Grant Renovation	5,000,000
2020	Dining Services Expansion	15,000,000
2020	Demolition of Bender and Ferguson Halls	4,400,000
2021	Applied Sciences Building 2: Agriculture	72,000,000
2021	Land Acquisitions	1,200,000
2021	Rodeo Arena/Recruiting Space	10,000,000
2021	Recreation Center Expansion	20,000,000
2021	College of Health Sciences Expansion	15,000,000
2022	Wisdom Gym Renovation	11,000,000
2022	Convocation and Event Center	72,000,000
2022	Land Acquisitions	1,200,000
2022	Joe Autry Building Expansion and Renovation	25,000,000
2022	Family Housing	15,000,000
2023	Thompson Student Center Expansion	30,000,000

TEXAS A&M UNIVERSITY - CORPUS CHRISTI
FY 2019 - FY 2023 CAPITAL PLAN
SUMMARY INFORMATION

Project #	Projected FY Start Date for Proposed Projects	Project Name	Total Planning Amount	Funding Sources		Cumulative Expenditures Prior Years to 5/31/18
				RFS Debt Proceeds	Other	
APPROVED PROJECTS						
15-3188		Life Sciences Research and Engineering Building - Ph I	60,600,000	60,600,000	T,w	40,368,531
		Parking Garage - Island Campus	39,000,000	39,000,000	g,o,p	-
		Physical Plant Projects/Equipment/Other	29,607,026	27,407,026		10,244,266
		Total Construction/Acquisitions in Progress	<u>129,207,026</u>	<u>127,007,026</u>	<u>2,200,000</u>	<u>50,612,797</u>
TOTAL CAPITAL PLAN			<u>129,207,026</u>	<u>127,007,026</u>	<u>2,200,000</u>	<u>50,612,797</u>

Unfunded Capital Needs:

2020	Arts and Media Building	65,000,000
2020	Basketball Facility	30,000,000
2020	Center for Sciences Renovation	3,200,000
2021	Learning Resources - Library	70,000,000
2021	New Academic Building	45,000,000
2022	NRC Renovations	3,500,000
2022	Health Center	25,500,000
2022	Student Aquatics Center	45,000,000
2023	Athletics Complex	30,000,000
2023	Pedestrian Pathway	30,000,000
2023	Central Plant Chiller Replacement (#2 & #3)	1,800,000
2023	Convocation Center	101,250,000
2023	Parking Garage	40,000,000
2025	Life Sciences Research and Engineering Complex - Ph II	65,000,000

TEXAS A&M INTERNATIONAL UNIVERSITY
FY 2019 - FY 2023 CAPITAL PLAN
SUMMARY INFORMATION

Project #	Projected FY Start Date for Proposed Projects	Project Name	Total Planning Amount	Funding Sources		Cumulative Expenditures Prior Years to 5/31/18
				RFS Debt Proceeds	Other	
APPROVED PROJECTS						
16-3206		Addition of Instructional and Support Spaces	72,500,000	55,200,000 T	17,300,000 w	31,762,471
		ESCO Utility Project	9,777,563	9,056,000 g,o	721,563 u	-
		Total Construction/Acquisitions in Progress	<u>82,277,563</u>	<u>64,256,000</u>	<u>18,021,563</u>	<u>31,762,471</u>
TOTAL CAPITAL PLAN			<u>82,277,563</u>	<u>64,256,000</u>	<u>18,021,563</u>	<u>31,762,471</u>

Unfunded Capital Needs:

2021	Addition to Fine and Performing Arts	10,000,000
2021	Student Classroom and Events Center	75,000,000
2023	WHTC Large Classroom Addition	5,000,000
2023	Renovation of Kinesiology Convocation Building	28,000,000

TEXAS A&M UNIVERSITY - KINGSVILLE
FY 2019 - FY 2023 CAPITAL PLAN
SUMMARY INFORMATION

Project #	Projected FY Start Date for Proposed Projects	Project Name	Total Planning Amount	Funding Sources		Cumulative Expenditures Prior Years to 5/31/18
				RFS Debt Proceeds	Other	
APPROVED PROJECTS						
17-3207		Education Complex	61,548,770	60,000,000 T	1,548,770 w	17,712,214
17-3225		Administrative Services Building	16,553,075	16,553,075 w		870,271
		Eckhardt Hall Renovation	9,000,000	9,000,000 w		-
		Physical Plant Projects/Equipment/Other	10,672,629	10,365,000	307,629	9,938,677
		Total Construction/Acquisitions in Progress	<u>97,774,474</u>	<u>95,918,075</u>	<u>1,856,399</u>	<u>28,521,162</u>
PROPOSED PROJECTS						
	2019	Bellamah Music Building Renovation/Repurpose	9,000,000	9,000,000 w		
	2020	Utility Improvement	9,500,000	9,500,000 w		
	2020	Lewis Hall Renovation	9,000,000	9,000,000 w		
	2022	Business Admin Building Renovation	8,000,000	8,000,000 w		
	2023	Parking Garage Structure	20,000,000	20,000,000 p		
	2023	Athletic Multi-use Building	30,000,000	30,000,000 b,s		
		Total Proposed Construction/Acquisitions	<u>85,500,000</u>	<u>85,500,000</u>	<u>-</u>	<u>-</u>
TOTAL CAPITAL PLAN			<u>183,274,474</u>	<u>181,418,075</u>	<u>1,856,399</u>	<u>28,521,162</u>
Unfunded Capital Needs:						
	2020	Nierman Hall Renovation	9,000,000			
	2023	Drama/Art Building Renovation	7,000,000			
	2023	Health & Rec Renovation	12,000,000			
	2023	Hill Hall Renovation	7,000,000			
	2023	Howe Ag Building Renovation	7,000,000			
	2023	NCAA Soccer Field and Locker Rooms	7,000,000			
	2023	Technology Learning Center	47,000,000			
	2023	STEM & Health Professions Building	112,000,000			

WEST TEXAS A&M UNIVERSITY
FY 2019 - FY 2023 CAPITAL PLAN
SUMMARY INFORMATION

Project #	Projected FY Start Date for Proposed Projects	Project Name	Total Planning Amount	Funding Sources		Cumulative Expenditures Prior Years to 5/31/18
				RFS Debt Proceeds	Other	
APPROVED PROJECTS						
18-3199		Agricultural Sciences Complex	49,036,000	49,036,000	T,b,o	35,393,932
18-3226		Football Stadium	38,800,000	37,000,000	s,v	624,297
18-3227		Renovate Jarrett Hall Phase II	14,330,000	14,330,000	h	5,575,105
18-3234		Energy Consumption Reduction Project	15,130,500	14,735,000	u	-
18-3250		Amarillo Center Renovation Phase II	18,200,000	18,200,000	T,w,o	10,165,233
		Physical Plant Projects/Equipment/Other	19,259,744			2,319,041
		Total Construction/Acquisitions in Progress	<u>154,756,244</u>	<u>133,301,000</u>		<u>54,077,608</u>
PROPOSED PROJECTS						
	2020	Amarillo Center Phase III	5,000,000	5,000,000	g,w	
	2020	Cousins Hall Renovation	8,750,000	8,750,000	h	
	2020	Bain Center Phase II	6,200,000	6,200,000	b,g	
	2021	New UPD/Lock Shop/Fire Safety Facility	5,000,000	5,000,000	g,w	
	2022	Underclassmen Residence Hall - Phase III	35,000,000	35,000,000	h	
		Physical Plant Projects/Equipment/Other	15,100,000	3,500,000		11,600,000
		Total Proposed Construction/Acquisitions	<u>75,050,000</u>	<u>63,450,000</u>		<u>11,600,000</u>
TOTAL CAPITAL PLAN			<u>229,806,244</u>	<u>196,751,000</u>		<u>54,077,608</u>
Unfunded Capital Needs:						
	2019	Utility Plant	5,500,000			
	2020	Education Building	20,000,000			
	2020	Nursing and Health Building	20,000,000			
	2021	Mary Moody Northen Hall Upgrades	4,250,000			
	2021	Harrington Fine Arts Center Upgrades	7,250,000			
	2021	Virgil Henson Activities Center Upgrades	7,250,000			
	2021	Panhandle Plains Historical Museum Upgrades	8,250,000			
	2021	Old Main Upgrades	2,900,000			
	2021	JBK Student Center Upgrades	730,000			
	2021	Cornette Library Upgrades	4,000,000			
	2021	East Dining Hall Upgrades	1,880,000			
	2021	Visitor Center	20,000,000			
	2022	Jones Hall Renovation	5,850,000			
	2023	Shirley Hall Renovation	5,250,000			
	2023	Learning Commons	21,500,000			
	2023	New Physical Plant	8,000,000			
	2023	25th Street Enhancement & Loading Dock	12,000,000			
	2023	Central Supply and Warehouse	4,000,000			

TEXAS A&M UNIVERSITY - TEXARKANA
FY 2019 - FY 2023 CAPITAL PLAN
SUMMARY INFORMATION

Project #	Projected FY Start Date for Proposed Projects	Project Name	Total Planning Amount	Funding Sources		Cumulative Expenditures Prior Years to 5/31/18
				RFS Debt Proceeds	Other	
APPROVED PROJECTS						
22-3200		Academic and Student Services Building	32,000,000	32,000,000	T	15,418,815
		Total Construction/Acquisitions in Progress	<u>32,000,000</u>	<u>32,000,000</u>	-	<u>15,418,815</u>
TOTAL CAPITAL PLAN			<u>32,000,000</u>	<u>32,000,000</u>	-	<u>15,418,815</u>

Unfunded Capital Needs:
2021 College of Business, Engineering and Technology Building 46,000,000

TEXAS A&M UNIVERSITY - COMMERCE
FY 2019 - FY 2023 CAPITAL PLAN
SUMMARY INFORMATION

Project #	Projected FY Start Date for Proposed Projects	Project Name	Total Planning Amount	Funding Sources		Cumulative Expenditures Prior Years to 5/31/18
				RFS Debt Proceeds	Other	
APPROVED PROJECTS						
21-3186		Nursing and Health Sciences Building	54,000,000	48,000,000	6,000,000	17,542,431
		Total Construction/Acquisitions in Progress	<u>54,000,000</u>	<u>48,000,000</u>	<u>6,000,000</u>	<u>17,542,431</u>
PROPOSED PROJECTS						
2020		Morris Rec Center Expansion	7,000,000	7,000,000		
		Total Proposed Construction/Acquisitions	<u>7,000,000</u>	<u>7,000,000</u>	-	-
TOTAL CAPITAL PLAN			<u>61,000,000</u>	<u>55,000,000</u>	<u>6,000,000</u>	<u>17,542,431</u>

Unfunded Capital Needs:

2020	Ag Multipurpose Education & Training Center	55,000,000
2020	New University Police Department building	4,000,000
2021	Renovate Berry Hall	10,000,000
2021	Multi-Purpose Event Center	35,000,000
2022	Renovate Memorial Stadium	7,000,000
2022	Engineering Building	70,000,000
2022	Rayburn Student Center Expansion	17,500,000
2023	Parking Garage	20,000,000

TEXAS A&M UNIVERSITY - CENTRAL TEXAS
FY 2019 - FY 2023 CAPITAL PLAN
SUMMARY INFORMATION

Project #	Projected FY Start Date for Proposed Projects	Project Name	Total Planning Amount	Funding Sources			Cumulative Expenditures Prior Years to 5/31/18
				PUF Debt Proceeds	RFS Debt Proceeds	Other	
APPROVED PROJECTS							
24-3194		Multipurpose Building 3	36,000,000		36,000,000 T		25,278,184
		Physical Plant Projects/Equipment/Other	8,860,405	7,120,405	1,500,000	240,000	1,526,088
		Total Construction/Acquisitions in Progress	<u>44,860,405</u>	<u>7,120,405</u>	<u>37,500,000</u>	<u>240,000</u>	<u>26,804,272</u>
TOTAL CAPITAL PLAN			<u>44,860,405</u>	<u>7,120,405</u>	<u>37,500,000</u>	<u>240,000</u>	<u>26,804,272</u>

Unfunded Capital Needs:		
2020	Central Utility Plant	25,000,000
2020	Multipurpose Building 4	60,000,000

TEXAS A&M UNIVERSITY - SAN ANTONIO
FY 2019 - FY 2023 CAPITAL PLAN
SUMMARY INFORMATION

Project #	Projected FY Start Date for Proposed Projects	Project Name	Total Planning Amount	Funding Sources			Cumulative Expenditures Prior Years to 5/31/18
				PUF Debt Proceeds	RFS Debt Proceeds	Other	
APPROVED PROJECTS							
25-3158		Science and Technology Building	63,000,000		63,000,000	T	37,211,828
25-3255		Academic and Administration Building - Phase I	25,000,000	25,000,000			-
		Physical Plant Projects/Equipment/Other	4,302,588	802,588	3,500,000		2,967,705
		Total Construction/Acquisitions in Progress	<u>92,302,588</u>	<u>25,802,588</u>	<u>66,500,000</u>	<u>-</u>	<u>40,179,533</u>
PROPOSED PROJECTS							
	2019	Academic & Admin Building - Phase I (addition)	5,000,000	5,000,000			
		Physical Plant Projects/Equipment/Other	2,410,520		1,600,000	810,520	
		Total Proposed Construction/Acquisitions	<u>7,410,520</u>	<u>5,000,000</u>	<u>1,600,000</u>	<u>810,520</u>	<u>-</u>
TOTAL CAPITAL PLAN			<u>99,713,108</u>	<u>30,802,588</u>	<u>68,100,000</u>	<u>810,520</u>	<u>40,179,533</u>

Unfunded Capital Needs:		
2020	Academic and Administration Building - Phase II	53,000,000
2022	Classroom Building	54,500,000

TEXAS A&M AGRILIFE RESEARCH
FY 2019 - FY 2023 CAPITAL PLAN
SUMMARY INFORMATION

Project #	Projected FY Start Date for Proposed Projects	Project Name	Total Planning Amount	Funding Sources			Cumulative Expenditures Prior Years to 5/31/18
				PUF Debt Proceeds	RFS Debt Proceeds	Other	
APPROVED PROJECTS							
06-3192		Dallas AgriLife Center	34,000,000			34,000,000	22,345,847
		Physical Plant Projects/Equipment/Other	5,695,859	5,695,859			3,804,846
		Total Construction/Acquisitions in Progress	<u>39,695,859</u>	<u>5,695,859</u>	<u>-</u>	<u>34,000,000</u>	<u>26,150,693</u>
PROPOSED PROJECTS							
		FY19 PUF Allocation	15,000,000	15,000,000			
		Total Proposed Construction/Acquisitions	<u>15,000,000</u>	<u>15,000,000</u>	<u>-</u>	<u>-</u>	<u>-</u>
TOTAL CAPITAL PLAN			<u>54,695,859</u>	<u>20,695,859</u>	<u>-</u>	<u>34,000,000</u>	<u>26,150,693</u>

TEXAS A&M AGRILIFE EXTENSION SERVICE
FY 2019 - FY 2023 CAPITAL PLAN
SUMMARY INFORMATION

Project #	Projected FY Start Date for Proposed Projects	Project Name	Total Planning Amount	Funding Sources			Cumulative Expenditures Prior Years to 5/31/18
				PUF Debt Proceeds	RFS Debt Proceeds	Other	
APPROVED PROJECTS							
		Physical Plant Projects/Equipment/Other	1,667,000	1,667,000			441,088
		Total Construction/Acquisitions in Progress	<u>1,667,000</u>	<u>1,667,000</u>	-	-	<u>441,088</u>
TOTAL CAPITAL PLAN			<u>1,667,000</u>	<u>1,667,000</u>	-	-	<u>441,088</u>

**TEXAS A&M FOREST SERVICE
FY 2019 - FY 2023 CAPITAL PLAN
SUMMARY INFORMATION**

Project #	Projected FY Start Date for Proposed Projects	Project Name	Total Planning Amount	Funding Sources			Cumulative Expenditures Prior Years to 5/31/18
				PUF Debt Proceeds	RFS Debt Proceeds	Other	
APPROVED PROJECTS							
		Physical Plant Projects/Equipment/Other	283,000	283,000			-
		Total Construction/Acquisitions in Progress	283,000	283,000	-	-	-
TOTAL CAPITAL PLAN			283,000	283,000	-	-	-

Unfunded Capital Needs:
2019 Agency Facilities (new construction, renovations, improvements, furnishings) 17,180,000

TEXAS A&M VETERINARY MEDICAL DIAGNOSTIC LABORATORY FY 2019 - FY 2023 CAPITAL PLAN SUMMARY INFORMATION
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Project #	Projected FY Start Date for Proposed Projects	Project Name	Total Planning Amount	Funding Sources		Cumulative Expenditures Prior Years to 5/31/18
				RFS Debt Proceeds	Other	
APPROVED PROJECTS						
20-3256		TVMDL - Canyon Facility	15,600,000	15,600,000	n	-
		Total Construction/Acquisitions in Progress	15,600,000	15,600,000	-	-
TOTAL CAPITAL PLAN			15,600,000	15,600,000	-	-

TEXAS A&M ENGINEERING EXPERIMENT STATION
FY 2019 - FY 2023 CAPITAL PLAN
SUMMARY INFORMATION

Project #	Projected FY Start Date for Proposed Projects	Project Name	Total Planning Amount	Funding Sources			Cumulative Expenditures Prior Years to 5/31/18
				PUF Debt Proceeds	RFS Debt Proceeds	Other	
APPROVED PROJECTS							
28-3196		Center for Infrastructure Renewal	80,851,000		80,851,000 n		73,084,165
	*	Health Technologies Building Renovation	6,500,000		6,500,000 y		-
		Physical Plant Projects/Equipment/Other	7,585,000	4,950,000	2,635,000		-
		Total Construction/Acquisitions in Progress	<u>94,936,000</u>	<u>4,950,000</u>	<u>89,986,000</u>	<u>-</u>	<u>73,084,165</u>
PROPOSED PROJECTS							
2019		Rowlett Industrial Distribution Building	18,640,000		2,500,000 o	16,140,000 b	
2020		TEES Industry Lab	15,000,000	7,000,000		8,000,000 a,b	
2020		TEES Headquarters Building	15,000,000	1,500,000	13,500,000 y		
2020		Industrial Distribution Building #2	17,866,000			17,866,000 b	
		Total Proposed Construction/Acquisitions	<u>66,506,000</u>	<u>8,500,000</u>	<u>16,000,000</u>	<u>42,006,000</u>	<u>-</u>
TOTAL CAPITAL PLAN			<u>161,442,000</u>	<u>13,450,000</u>	<u>105,986,000</u>	<u>42,006,000</u>	<u>73,084,165</u>

* Funding may be replaced in whole or in part with PUF if available.

TEXAS A&M ENGINEERING EXTENSION SERVICE
FY 2019 - FY 2023 CAPITAL PLAN
SUMMARY INFORMATION

Project #	Projected FY Start Date for Proposed Projects	Project Name	Total Planning Amount	Funding Sources			Cumulative Expenditures Prior Years to 5/31/18
				PUF Debt Proceeds	RFS Debt Proceeds	Other	
APPROVED PROJECTS							
09-3257		Water Wastewater Treatment System Expansion	11,000,000		11,000,000 e		-
		Physical Plant Projects/Equipment/Other	4,950,000	1,000,000	3,950,000		1,044,681
		Total Construction/Acquisitions in Progress	<u>15,950,000</u>	<u>1,000,000</u>	<u>14,950,000</u>	<u>-</u>	<u>1,044,681</u>
PROPOSED PROJECTS							
2019		Fire Station/Classroom/Office - Brayton Firefield	56,895,000		56,895,000 e		
2020		RELLIS - TEEX Training Complex	7,000,000		7,000,000 e		
2020		New Building at H.B. Zachry Training Center	22,000,000		22,000,000 e		
		Total Proposed Construction/Acquisitions	<u>85,895,000</u>	<u>-</u>	<u>85,895,000</u>	<u>-</u>	<u>-</u>
TOTAL CAPITAL PLAN			<u>101,845,000</u>	<u>1,000,000</u>	<u>100,845,000</u>	<u>-</u>	<u>1,044,681</u>

TEXAS A&M TRANSPORTATION INSTITUTE
FY 2019 - FY 2023 CAPITAL PLAN
SUMMARY INFORMATION

Project #	Projected FY Start Date for Proposed Projects	Project Name	Total Planning Amount	Funding Sources			Cumulative Expenditures Prior Years to 5/31/18
				PUF Debt Proceeds	RFS Debt Proceeds	Other	
APPROVED PROJECTS							
12-3224		* TTI Headquarters	70,000,000	56,400,000	13,600,000	o,y	33,314,365
		Physical Plant Projects/Equipment/Other	2,000,000	2,000,000			674,461
		Total Construction/Acquisitions in Progress	<u>72,000,000</u>	<u>58,400,000</u>	<u>13,600,000</u>	<u>-</u>	<u>33,988,826</u>
TOTAL CAPITAL PLAN			<u>72,000,000</u>	<u>58,400,000</u>	<u>13,600,000</u>	<u>-</u>	<u>33,988,826</u>

* \$8 million of RFS debt will be funded by TEES.

SYSTEM OFFICES
FY 2019 - FY 2023 CAPITAL PLAN
SUMMARY INFORMATION

Project #	Projected FY Start Date for Proposed Projects	Project Name	Total Planning Amount	Funding Sources			Cumulative Expenditures Prior Years to 5/31/18
				PUF Debt Proceeds	RFS Debt Proceeds	Other	
APPROVED PROJECTS							
		Human Capital Management Software Purchase	53,507,000	53,507,000			44,378,701
		Reed House Renovation	1,000,000	1,000,000			-
		Physical Plant Projects/Equipment/Other	4,006,000	4,006,000	-	-	114,375
		Total Construction/Acquisitions in Progress	<u>58,513,000</u>	<u>58,513,000</u>	<u>-</u>	<u>-</u>	<u>44,493,076</u>
PROPOSED PROJECTS							
	2019	Financial System Pre-Implementation	5,000,000	2,500,000		2,500,000 a,o	
		Total Proposed Construction/Acquisitions	<u>5,000,000</u>	<u>2,500,000</u>	<u>-</u>	<u>2,500,000</u>	<u>-</u>
TOTAL CAPITAL PLAN			<u>63,513,000</u>	<u>61,013,000</u>	<u>-</u>	<u>2,500,000.00</u>	<u>44,493,076</u>

Unfunded Capital Needs:
2019 Financial Management System Replacement 100,000,000

RELLIS
FY 2019 - FY 2023 CAPITAL PLAN
SUMMARY INFORMATION

Project #	Projected FY Start Date for Proposed Projects	Project Name	Total Planning Amount	Funding Sources			Cumulative Expenditures Prior Years to 5/31/18
				PUF Debt Proceeds	RFS Debt Proceeds	Other	
APPROVED PROJECTS							
01-3228		RELLIS Campus Infrastructure	55,675,000		55,675,000 a,o		41,428,536
01-3233		RELLIS Academic Complex - Phase I	42,000,000	42,000,000			4,495,051
	*	RELLIS Phase I Parking Lot	6,729,000		6,729,000 p		318,476
		Physical Plant Projects/Equipment/Other	3,200,000		3,200,000		3,192,921
		Total Construction/Acquisitions in Progress	<u>107,604,000</u>	<u>42,000,000</u>	<u>65,604,000</u>	<u>-</u>	<u>49,434,984</u>
PROPOSED PROJECTS							
	2019	RELLIS Workforce Training Facility	15,000,000	12,000,000		3,000,000 o	
	2020	RELLIS Academic Complex - Phase II	28,000,000	28,000,000			
		Physical Plant Projects/Equipment/Other	2,000,000	2,000,000	-	-	
		Total Proposed Construction/Acquisitions	<u>45,000,000</u>	<u>42,000,000</u>	<u>-</u>	<u>3,000,000</u>	<u>-</u>
TOTAL CAPITAL PLAN			<u>152,604,000</u>	<u>84,000,000</u>	<u>65,604,000</u>	<u>3,000,000</u>	<u>49,434,984</u>

* \$6.729 million of RFS debt will be funded by TAMU.

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:

TEN COM --	as tenants in common	UNIF GIFT MIN ACT -- Custodian
TEN ENT --	as tenants by the entireties	(Cust) _____ (Minor)
JT TEN --	as joint tenants with rights of survivorship and not as tenants in common	under Uniform Gifts to Minors Act _____ (State)

Additional abbreviations may also be used though not in the above list.

FOR VALUE RECEIVED, the undersigned sells, assigns and transfers unto

Please insert Social Security or

Other Identification Number of Assignee
/ _____ /

(Name and Address of Assignee)

the within Bond and does hereby irrevocably constitutes and appoints

_____ to transfer said Bond on the books kept for registration thereof with full power of substitution in the premises.

Dated: _____

Signature Guaranteed: _____

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.

Resolution

Board of Regents
The Texas A&M University System

WHEREAS, Dr. Keck earned his A.B. degree in Romance Languages and Literature in 1969 and his Ph.D. in Romance Languages and Literature in 1978, both from Princeton University; and

WHEREAS, Dr. Keck began his 28-year career in higher education in 1979 as assistant professor of Spanish and Assistant to the President at Laredo State University (now Texas A&M International University) where he served for four years, taught secondary education in Virginia for 10 years before returning to Texas A&M International University in 1994 as professor of Spanish and chair of the Department of Language, Literature and Arts, in 1999 he was named Provost and Vice President for Academic Affairs at Texas A&M International University, and in 2001 was appointed President and served for 15 years; and

WHEREAS, Dr. Keck became the twelfth President of Texas A&M University-Commerce on November 10, 2016, after serving as Interim President since June 1, 2016; and

WHEREAS, Dr. Keck has published a variety of articles, essays, and a book and has made numerous presentations related to higher education and his academic discipline; and

WHEREAS, Dr. Keck is a noted scholar of J.S. Bach and has studied and played the organ since his undergraduate days, and has held posts as director of church music for parishes in New Jersey, Connecticut, Massachusetts, Virginia and Texas; and

WHEREAS, Dr. Keck advanced the expansion of the academic program at Texas A&M University-Commerce, which included the establishment of the College of Agricultural Sciences and Natural Resources, and new degree programs in electrical engineering and business analytics; and

WHEREAS, Dr. Keck led the university to launch a new first-year TRAC (Transforming Relationships & Academic Connections), revitalizing the freshman year experience, including signature courses taught by senior faculty for all freshman students; and

WHEREAS, during Dr. Keck's tenure, the university received the 2016 Star Award from the Texas Higher Education Coordinating Board for its Texas Affordable Baccalaureate (TAB) Program in Organizational Leadership (the state's first SACSCOC-approved competency-based baccalaureate degree offered by a public university); and

WHEREAS, the university is expanding its TAB program by adding a Bachelor of Science Degree in Criminal Justice as a hybrid competency-based online program for certified first responders, military personnel, and adult learners with criminal justice employment experience; and

WHEREAS, as President, Dr. Keck oversaw the construction of a new residence hall at Texas A&M University-Commerce which opened in fall 2017 and a state-of-the art Nursing and Health Science Center scheduled for occupancy in spring 2019; and

WHEREAS, during Dr. Keck's presidency, Texas A&M University-Commerce Lion student athletes garnered six Lone Star Conference Championships, had 17 NCAA Championship appearances, boasted four individual National Champions, and claimed the 2017 NCAA Division II Football National Championship; now, therefore, be it

RESOLVED, that the Board of Regents of The Texas A&M University System desires to express its appreciation for the outstanding leadership shown by Dr. Ray M. Keck, III to Texas A&M University-Commerce and The Texas A&M University System; and, be it, further

RESOLVED, that in honor of his service to The Texas A&M University System, we bestow the title of President Emeritus of Texas A&M University-Commerce, with all the rights and privileges pertaining thereto, upon Dr. Ray M. Keck III; and, be it, further

RESOLVED, this resolution be included in the minutes, and official copies thereof, signed by the Chairman of the Board of Regents of The Texas A&M University System, be presented to Dr. Keck and to the Archives of Texas A&M University-Commerce as a permanent mark of this Board's appreciation and gratitude to him for a job well done.

ADOPTED, this 16th day of August 2018.

Resolution

Board of Regents
The Texas A&M University System

WHEREAS, Gary Sera has faithfully served The Texas A&M University System for 30 years – from September 5, 1988 through August 31, 2018 – most recently as the seventh agency director of the Texas A&M Engineering Extension Service (TEEX), which is widely known as the largest and finest organization for emergency preparedness, response and recovery training in the United States; and a highly reputable training and professional development resource for public and private entities in the areas of fire, law enforcement, infrastructure, incident management, safety, workforce development, cyber security, emergency medical services and forensics; and

WHEREAS, Mr. Sera received a bachelor's degree in mathematics from California State University and a master's degree in industrial engineering from the University of Arizona; and

WHEREAS, Mr. Sera began his TEEX career as an assistant program manager in 1988, and undertook increased leadership responsibilities throughout the years, serving as a program coordinator, regional coordinator, assistant program manager, program manager, division head, interim agency director and agency director since 2008; and

WHEREAS, with his extensive experience in manufacturing technology commercialization, technical assistance, and technology transfer with a focus on economic development, Mr. Sera served as the Chairman of the Executive Council, Texas Manufacturing Assistance Center working collaboratively with the U.S. Department of Commerce to serve manufacturers in the state of Texas; and

WHEREAS, Mr. Sera served as Director of the Mid Continent Technology Transfer Center, a NASA sponsored center focused on the delivery of technology commercialization services in a 12 State Region, and he developed a Graduate Assistance Program that leveraged MBA students from the Mays Business School at Texas A&M University to perform work with NASA, the U.S. Department of Commerce and the private sector; and

WHEREAS, during his tenure as TEEX's agency director, from 2008 to 2018, the agency's annual gross revenue grew by 24% from \$81 million to \$100 million and equity by 50% from \$65 million to \$97.5 million. During this tremendous growth of services provided and enhancing facilities, the agency director leveraged financial opportunities which moved the agency's Composite Financial Index (CFI) from 0.36 to 6.21 which provided financial sustainability well beyond the minimum target of 3.0; and

WHEREAS, during the same time period, TEEX served a total of two million training participants, totaling 30.6 million contact hours; and

WHEREAS, during his leadership, TEEX's training facilities across the state of Texas expanded from 317,500 square feet in 2008 to 506,905 square feet in 2017; and

WHEREAS, Mr. Sera has overseen the development and expansion of current TEEX facilities, including the RELLIS campus facilities enhancements for Police Academy Training including Wiatt Physical Skills facility and Training Track, a 300 meter rifle range, a rifle pavilion, and a driving skills skid pad; and

WHEREAS, the Brayton Fire Field was expanded to include the Henry D. Smith Building Complex, an Emergency Operations Training Center, a Rescue Training Building, a Bunker Gear Drying Building, a Self-Contained Breathing Apparatus Building, an EMS lab, a Structural Burn Building, an environmentally friendly water wastewater treatment system, White Creek Bridge, and numerous training props such as derailed railway cars and canine rescue training; and

WHEREAS, TEEEX purchased the Gateway Building as a permanent home for Texas Task Force 1, providing a staging area for first responders and warehouse storage of critical rescue equipment. The first responders' cache has been expanded to enhance safety and capacity of rescues. The TEEEX Galveston facility was renovated to enhance the marine training provided by TEEEX. With the enlarged contract for Texas manufacturing, TEEEX opened a training office in Houston by leasing a facility in the energy sector to serve this industry; and

WHEREAS, Mr. Sera articulated and championed a vision of strategic planning, strategic business development, training diversification and partnerships and oversaw the creation of an overarching stretch goal of serving 300,000 training, exercise and technical assistance participants by the year 2030. His vision included engaging and leveraging "TEEXans" at all levels, positions and disciplines as key contributors; and

WHEREAS, during his tenure as agency director, Mr. Sera began a comprehensive employee focused improvement and staff development program to include health and wellness, a reimbursable tuition assistance program, a staff development training program and an executives, supervisors and managers leadership training program with coaching and mentoring components that provide a roadmap and succession plan for TEEEX's future; and

WHEREAS, Mr. Sera's collaborative initiatives with other A&M System members include 28 articulation agreements with several other universities and colleges with the intent of providing the highest value to the workforce; and

WHEREAS, under Mr. Sera's leadership, TEEEX has been recognized and sought after by foreign countries including Qatar, Abu Dhabi, and China and organizations to provide technical assistance and training; and

WHEREAS, Mr. Gary Sera has dedicated 30 years – a significant portion of his professional life – toward advancing the national and international reputation of TEEEX and The Texas A&M University System, where he is well-respected among his peers; now, therefore, be it

RESOLVED, that we, the members of the Board of Regents of The Texas A&M University System, gratefully acknowledge the dedication and service of Mr. Gary Sera to TEEEX and The Texas A&M University System and offer our heartiest congratulations on his retirement; and, be it, further

RESOLVED, that this resolution be included in the minutes, and official copies thereof be signed by the Chairman of the Board of Regents of The Texas A&M University System, and be presented to Mr. Sera and to the Archives of Texas A&M University as an expression of appreciation and respect for Mr. Gary F. Sera.

ADOPTED, this 16th day of August 2018.

Resolution

Board of Regents
The Texas A&M University System

WHEREAS, Los Alamos National Laboratory, located in northern New Mexico, is the nation's premier laboratory devoted to nuclear security. Owned by the U.S. Department of Energy, the 38 square mile facility was home to the Manhattan Project which greatly assisted the United States and its allies in successfully ending World War II. Today, with more than 11,000 employees and an annual operating budget exceeding \$2.5 billion, Los Alamos has become home to a workforce of nuclear engineers, physicists and other highly trained professionals dedicated to many of the most compelling technical and scientific issues of the nuclear era. This world-class science and technology center has been managed by the University of California for most of the last 75 years; and

WHEREAS, Vice Chancellor Katherine Banks, recognizing in late 2016 that the Department of Energy was likely to hold a competition for the contract to manage Los Alamos, led a small team of Texas A&M System personnel with significant experience in the nuclear security labs to explore team options with prospective partners. The team included Dr. Marvin Adams, a faculty member in nuclear engineering with extensive experience with the nuclear weapons complex and research of nuclear security issues; Dr. Diane Hurtado, an aerospace engineer in the Texas A&M University Office of Government Relations with significant work experience at the sister Sandia National Laboratory, and Assistant Vice Chancellor Scott Sudduth in the Office of the Chancellor with a decade of experience in the management and operations of Los Alamos from previous service with the University of California; and

WHEREAS, Regent Anthony G. Buzbee provided board oversight and review of this complex proposal and its impact on the mission of the A&M System; advised Dr. Banks on key terms and conditions important to the A&M System during the teaming negotiations; and will serve on the Triad National Security LLC Board of Governors to further represent the interests and commitments of the A&M System; and

WHEREAS, Dr. Banks engaged in discussions with many prospective partners before concluding that teaming with the Battelle Memorial Institute, a nonprofit research and development company from Columbus, Ohio, and the University of California brought together complementary strengths and experience critical to the successful management of the Los Alamos National Laboratory. Hence, Triad National Security LLC was established in late fall 2017; and

WHEREAS, Dr. Banks, Dr. Adams, Dr. Hurtado and Mr. Sudduth represented the institutional interests of The Texas A&M University System in the team proposal center and contributed significantly to identifying key personnel and winning strategies for the Triad management team; and

WHEREAS, on June 08, 2018, the National Nuclear Security Administration announced the selection of Triad National Security LLC to manage and operate Los Alamos National Laboratory, effective November 1, 2018; and

WHEREAS, this decision recognizes the outstanding experience of the Texas A&M University College of Engineering, and the expertise of the Texas A&M Engineering Experiment Station and the Texas A&M Engineering Extension Service, and the commitment of The Texas A&M University System to public service in the national interest; now, therefore, be it

RESOLVED, that we, the members of the Board of Regents of The Texas A&M University System, wish to publicly honor Regent Anthony G. Buzbee, Vice Chancellor Katherine Banks, Dr. Marvin Adams, Dr. Diane Hurtado, and Assistant Vice Chancellor Scott Sudduth for their outstanding professionalism, commitment, and exemplary service to the state of Texas and our campus communities; and, be it, further

RESOLVED, that this resolution be included in the minutes, and official copies thereof be signed by the Chairman of the Board of Regents and be presented to the Chief Executive Officers of the respective institutions for appropriate display.

ADOPTED, this 16th day of August 2018.

THE TEXAS A&M UNIVERSITY SYSTEM
CONFIRMATION OF EMERITUS TITLES
EMERITUS TITLE LIST NO. 18-04

System Member Honoree	Years of Service	Current Rank	Title Conferred	Effective Date
THE TEXAS A&M UNIVERSITY SYSTEM				
Dr. Irma L. Harper	18	Associate Vice Chancellor	Associate Vice Chancellor Emeritus	Upon Approval by the Board and the Honoree's Retirement
TEXAS A&M UNIVERSITY				
Dr. Paul Frederick Dahm	38	Professor	Professor Emeritus of Statistics	Upon Approval by the Board and the Honoree's Retirement
Dr. Joseph G. Dawson	39	Professor	Professor Emeritus of History	Upon Approval by the Board and the Honoree's Retirement
Dr. John Edwards	35	Professor	Professor Emeritus of Veterinary Pathobiology	Upon Approval by the Board and the Honoree's Retirement
Dr. Diane Flint	12	Associate Professor	Associate Professor Emeritus of Diagnostic Sciences	Upon Approval by the Board and the Honoree's Retirement
Dr. Henry E. "Buddy" Frederickson	12	Professor of the Practice	Professor of the Practice Emeritus of Marine Engineering Technology	Upon Approval by the Board and the Honoree's Retirement
Dr. Sue Geller	37	Professor	Professor Emeritus of Mathematics	Upon Approval by the Board and the Honoree's Retirement
Dr. Lawrence L. Griffin	41	Professor	Professor Emeritus of Marine Sciences	Upon Approval by the Board and the Honoree's Retirement
Dr. K. Ted Hartwig	32	Professor	Professor Emeritus of Materials Science and Engineering	Upon Approval by the Board and the Honoree's Retirement

System Member Honoree	Years of Service	Current Rank	Title Conferred	Effective Date
Dr. Sai Lau	35	Professor	Professor Emeritus of Mechanical Engineering	Upon Approval by the Board and the Honoree's Retirement
Dr. Thomas L. Linton	36	Instructional Assistant Professor	Instructional Assistant Professor Emeritus of Marine Sciences	Upon Approval by the Board and the Honoree's Retirement
Dr. Michael P. Masser	20	Professor	Professor Emeritus of Wildlife and Fisheries Sciences	Upon Approval by the Board and the Honoree's Retirement
Dr. Ann V. Millard	16	Associate Professor	Associate Professor Emeritus of Health Promotion and Community Health Sciences	Upon Approval by the Board and the Honoree's Retirement
Dr. Ursula Müller-Harknett	12	Professor	Professor Emeritus of Statistics	Upon Approval by the Board and the Honoree's Retirement
Dr. Roy R. Pool, Jr.	15	Clinical Professor	Clinical Professor Emeritus of Veterinary Pathobiology	Upon Approval by the Board and the Honoree's Retirement
Dr. Gilbert T. Rowe	31	Regents Professor	Regents Professor Emeritus of Marine Biology	Upon Approval by the Board and the Honoree's Retirement
Dr. Meinhard Taher Schobeiri	30	Professor	Professor Emeritus of Mechanical Engineering	Upon Approval by the Board and the Honoree's Retirement
Dr. John R. Schwarz	41	Regents Professor	Regents Professor Emeritus of Marine Biology	Upon Approval by the Board and the Honoree's Retirement
Dr. William A. Seitz	40	Regents Professor	Regents Professor Emeritus of Marine Sciences	Upon Approval by the Board and the Honoree's Retirement
Dr. Roger Smith, III	34	Professor	Professor Emeritus of Veterinary Pathobiology	Upon Approval by the Board and the Honoree's Retirement

System Member Honoree	Years of Service	Current Rank	Title Conferred	Effective Date
Dr. Karen Frances Snowden	25	Professor	Professor Emeritus of Veterinary Pathobiology	Upon Approval by the Board and the Honoree's Retirement
Dr. Thomas Wehrly	41	Professor	Professor Emeritus of Statistics	Upon Approval by the Board and the Honoree's Retirement
Dr. Danny L. Yeager	40	Professor	Professor Emeritus of Chemistry	Upon Approval by the Board and the Honoree's Retirement

TEXAS A&M UNIVERSITY-CENTRAL TEXAS

Dr. Charles Larry Garner	19	Founding Dean and Associate Professor	Dean Emeritus of College of Business Administration	Upon Approval by the Board
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TEXAS A&M UNIVERSITY-COMMERCE

Dr. Raymond J. Ballard	36	Professor	Professor Emeritus of Economics and Finance	Upon Approval by the Board and the Honoree's Retirement
Dr. Ray M. Keck, III	28	President	President Emeritus	Upon Approval by the Board and the Honoree's Retirement
Dr. Mary Beth Sampson-Perry	35	Associate Dean	Associate Dean Emeritus of the Graduate School	Upon Approval by the Board and the Honoree's Retirement

TEXAS A&M UNIVERSITY-KINGSVILLE

Dr. Thomas A. Fields	16	Professor	Professor Emeritus of Clinical Health Sciences	Upon Approval by the Board and the Honoree's Retirement
Dr. Mani Skaria	25	Professor	Professor Emeritus of Plant Pathology	Upon Approval by the Board and the Honoree's Retirement

System Member Honoree	Years of Service	Current Rank	Title Conferred	Effective Date
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TARLETON STATE UNIVERSITY

Dr. Joe W. Gillespie	44	Professor	Professor Emeritus of Kinesiology	Upon Approval by the Board and the Honoree's Retirement
Dr. E.O. Morrison	29	Professor	Professor Emeritus of Biological Sciences	Upon Approval by the Board and the Honoree's Retirement

WEST TEXAS A&M UNIVERSITY

Dr. Douglas P. Bingham	46	Professor	Professor Emeritus of Biology	Upon Approval by the Board and the Honoree's Retirement
Dr. Gerald E. Schultz	54	Professor	Professor Emeritus of Geology	Upon Approval by the Board and the Honoree's Retirement
Dr. B.A. Stewart	25	Professor	Professor Emeritus of Agriculture	Upon Approval by the Board and the Honoree's Retirement
Dr. Conn P. Thomas	25	Professor	Professor Emeritus of Education	Upon Approval by the Board and the Honoree's Retirement

TEXAS A&M AGRILIFE

Dr. William A. Dugas	39	Associate Vice Chancellor and Professor for Business and Strategic Management	Associate Vice Chancellor and Professor Emeritus	Upon Approval by the Board and the Honoree's Retirement
Dr. Larry L. Boleman	54	Associate Vice Chancellor and Professor for Outreach and Strategic Initiatives	Associate Vice Chancellor and Professor Emeritus	Upon Approval by the Board and the Honoree's Retirement

System Member Honoree	Years of Service	Current Rank	Title Conferred	Effective Date
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TEXAS A&M AGRILIFE EXTENSION

Dr. Stephen H. Amosson	41	Professor and Extension Specialist	Professor and Extension Specialist Emeritus	Upon Approval by the Board and the Honoree's Retirement
Dr. Ellen R. Jordan	27	Professor and Extension Specialist	Professor and Extension Specialist Emeritus	Upon Approval by the Board and the Honoree's Retirement

TEXAS A&M AGRILIFE RESEARCH

Dr. Craig L. Nessler	9	Director and Professor, Texas A&M AgriLife Research	Director and Professor, Texas A&M AgriLife Research Emeritus	Upon Approval by the Board and the Honoree's Retirement
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FACULTY DEVELOPMENT LEAVE LIST
FY 2019
THE TEXAS A&M UNIVERSITY SYSTEM

Name/ Title/ Department	Years of Texas A&M University- Commerce Tenured, Tenure-Track Service	Semester of Leave	Location and Brief Description of Leave
COLLEGE OF LITERATURE AND LANGUAGES			
Dr. Ray M. Keck, III Former President Professor Spanish	2	Fall 2018- Summer 2019	Leave will be spent at Texas A&M University-Commerce advancing research activities and enhancing instructional methodologies to facilitate the transition from serving as President back to serving as a full-time faculty member. Dr. Keck served as Provost and Vice President for two years and as President of Texas A&M International University for 15 years before being named President of Texas A&M University-Commerce in June 2016. Dr. Keck will be stepping down as president effective fall 2018.

The Texas A&M University System
Appointed and Commissioned Peace Officers
July 2, 2018

University Officer's Name	Title	Hire Date
PRAIRIE VIEW A&M UNIVERSITY		
Johnson, Audreyanna S.	Peace Officer	11/15/2016
TEXAS A&M UNIVERSITY		
Bailey, Jeremy M.	Peace Officer	06/08/2018
Bouton, Christopher S.	Peace Officer	06/08/2018
Gray, Richard B.	Peace Officer	06/11/2018
Green, Curtis S.	Peace Officer	06/08/2018
Kozekwa, Chris D.	Peace Officer	06/08/2018
Metcalf, Troy J.	Peace Officer	06/08/2018
Trusty, Catherine A.	Peace Officer	06/08/2018



02.08 System Expansion

Revised [August 16, 2018](#) (MO -2018)
Next Scheduled Review: August 16, 2023
Click to view [Revision History](#).

Policy Summary

The rationale and criteria established herein are intended to serve as a guide for the chancellor and other internal or external groups, organizations, or individuals who may seek expansion of The Texas A&M University System (system) and to provide the bases on which the system Board of Regents (board) would consider expansion of the system.

Policy

1. NOTICE

The chairman of the board and the chancellor will confer when a serious overture is made on behalf of a candidate institution and prior to the initiation of:

- (a) a comprehensive analysis of the candidate institution; and
- (b) any commitments by the system for or against the potential expansion.

2. RATIONALE FOR EXPANSION

Expansion is one of many strategic means of responding to the mission and vision for the system and the needs of the state of Texas. The specific reasons for considering expansion include the following:

- (a) building a shared vision;
- (b) serving more students;
- (c) providing more programs to meet regional needs;
- (d) pursuing excellence by strengthening existing programs and services;
- (e) responding to an identified state need;
- (f) broadening and strengthening public support; and
- (g) improving efficiency and effectiveness through collaboration.

3. ATTRIBUTES USED FOR EVALUATING CANDIDATE INSTITUTIONS

Once a decision is made to evaluate a particular candidate institution, a comprehensive analysis of the institution is necessary to provide the chancellor and the board with an assessment of the institution's academic, financial, and legal status. It will also help to predict what resources will be required to ensure that the candidate can meet or exceed expectations consistent with existing members. The key attributes of concern are:

- (a) compatibility with the system's vision;
- (b) present and projected financial viability;
- (c) academic standing;
- (d) geographic niche and demographics of the service area;
- (e) impacts on existing members;
- (f) cost effectiveness of administration and program delivery;
- (g) adequacy of physical assets;
- (h) impacts from non-system institutions;
- (i) legal review;
- (j) demands on system infrastructure;
- (k) student and alumni sentiment; and
- (l) public support base.

4. IMPLEMENTATION

The board authorizes the chancellor to establish a process to implement the system expansion policy and the timelines for a full and careful analysis of all opportunities for merger and acquisition.

Member Rule Requirements

A rule is not required to supplement this policy.

Contact Office

System Office of Academic Affairs
(979) 458-6072



34.07 Emergency Management

Revised [August 16, 2018](#)
Next Scheduled Review: August 16, 2023
Click to view [Revision History](#).

Policy Summary

The Texas A&M University System (system) is responsible for ensuring its members have plans in place to properly protect personnel and property in an emergency situation. By requiring that each member has a plan(s) to address various situations and by reviewing this plan(s) on a regular basis, the system can ensure each member is fulfilling its responsibilities to its constituents.

Policy

1. GENERAL

- 1.1 The chancellor will establish for the System Offices (SO) and require each member to establish, at the direction of the respective chief executive officer (CEO) or designee, a plan(s) to deal with various emergencies which might threaten system resources and the physical safety of employees, students, clientele and the general public.
- 1.2 Such a plan(s) will take a multi-hazard approach to cover natural disasters, fire, industrial accidents, criminal activities, health epidemics, riots and similar situations which require the orderly management of resources and processes to protect life and property.

2. UNDERLYING PRINCIPLES

In the development of an emergency management plan(s), the following underlying principles must apply:

- 2.1 The protection of human health and safety is of the utmost importance.
- 2.2 System property and other resources must be protected and preserved wherever possible, consistent with the primacy of human health and safety.
- 2.3 The system will, when possible, assist federal, state and local governments, emergency management and relief agencies, etc., and may allocate facilities, equipment and personnel to assist in the event of disasters away from system property.
- 2.4 The system will cooperate with federal, state and local disaster management and law enforcement agencies with respect to any emergency occurring on system property and/or involving system personnel or students.

- 2.5 The plan(s) must provide for the coordination of appropriate member employees and external partners in the areas of facilities, campus security, student affairs, health services, etc., and include a description of their roles and responsibilities during emergency situations.
- 2.6 Members must designate in the plan(s) a single individual or committee that is responsible for emergency planning and coordination.
- 2.7 The plan(s) must comply with all applicable regulations set forth by the U.S. Department of Education and other governing authorities concerning procedures for emergency response, evacuation, notification, training, and testing.
- 2.8 The System Office of General Counsel will be consulted in cases where the legal responsibilities of the system are unclear.

3. COMMUNICATIONS

- 3.1 Communications will be from the chancellor or designee with respect to emergencies affecting the SO or the system as a whole and from the respective CEO or designee with respect to emergencies affecting a specific member.
- 3.2 The CEO must inform the chancellor and the executive director, Board of Regents (board), of any emergency that has occurred or that is threatening life, health or system property and give periodic status reports as information is available. The board's executive director will, in turn, keep board members properly informed.
- 3.3 The plan(s) must provide for an effective means of communication with employees, students, clientele and the general public and include a system of mass notification that meets the requirements set forth in state law.

Related Statutes, Policies, or Requirements

[Tex. Educ. Code §§ 51.217, 51.218](#)

[20 U.S.C. § 1092](#)

[34 Code of Federal Regulations 668.46](#)

[Texas Governor's Executive Order RP40](#)

[Homeland Security Presidential Directive/HSPD-5: *Directive on Management of Domestic Incidents*](#)

[Homeland Security Presidential Policy Directive/PPD-8: *National Preparedness*](#)

[National Incident Management System \(NIMS\)](#)

Texas Division of Emergency Management – Local Emergency Management Planning Guide (TDEM-10), January 2008

National Fire Protection Association (NFPA) 1600 – Standard on Disaster/Emergency Management and Business Continuity/Continuity of Operations Programs, 2016

FEMA (CPG) 101: Developing and Maintaining Emergency Operations Plans, Version 2

Member Rule Requirements

A rule is not required to supplement this policy.

Contact Office

System Office of Risk Management
(979) 458-6330

PRAIRIE VIEW A&M UNIVERSITY
RECOMMENDATIONS FOR TENURE
TENURE LIST NO. 18-04

<u>Name</u>	<u>Present Rank</u> <u>Department</u>	<u>Yrs. Towards</u> <u>Tenure*</u>	<u>Univ.</u>	<u>Other Inst.</u>	<u>Effective</u> <u>Date/Tenure</u>	<u>Education</u>	<u>Employment</u> <u>Towards Tenure</u>
COLLEGE OF AGRICULTURE AND HUMAN SCIENCES							
Dr. Gerald E. D'Souza	Professor Agriculture and Human Sciences	0		>15	Upon Approval by the Board and Faculty Arrival	Ph.D. (1983) Mississippi State University	Fa 1986 – Sp 1992 Assistant Professor West Virginia University Fa 1992 – Sp 1999 Associate Professor (Tenured 1992) West Virginia University Fa 1999 – Sp 2018 Professor West Virginia University Su 2018 Professor Prairie View A&M University

* Each university determines, through a review process, the number of years each faculty member will be awarded tenure based on his/her dossier.

TARLETON STATE UNIVERSITY
RECOMMENDATIONS FOR TENURE
TENURE LIST NO. 18-04

<u>Name</u>	<u>Present Rank</u>	<u>Yrs. Towards Tenure*</u>		<u>Effective</u>	<u>Education</u>	<u>Employment</u>
	<u>Department</u>	<u>Univ.</u>	<u>Other Inst.</u>	<u>Date/Tenure</u>		<u>Towards Tenure</u>
COLLEGE OF EDUCATIONAL LEADERSHIP AND TECHNOLOGY						
Dr. Randall G. Bowden	Professor Educational Leadership and Technology	1	17	Upon Approval by the Board and Faculty Arrival	Ph.D. (2000) University of Denver	Fa 2000 – Sp 2003 Assistant Professor University of the Incarnate Word Fa 2005 – Sp 2007 Associate Professor University of North Dakota Fa 2010 – Sp 2017 Associate Professor (Tenured 2012) Texas A&M University-Corpus Christi Fa 2017 Professor Tarleton State University

COLLEGE OF SCIENCE AND TECHNOLOGY

Dr. Mark C. Morvant	Professor Chemistry, Geosciences and Physics	0	>15	Upon Approval by the Board and Faculty Arrival	Ph.D. (1996) University of Oklahoma	Fa 1998 – Su 2003 Assistant Professor Texas A&M University-Corpus Christi Fa 2003 – Su 2005 Associate Professor (Tenured 2003) Texas A&M University-Corpus Christi Fa 2005 – Su 2006 Assistant Professor Georgia Southern University Fa 2006 – Su 2012 Associate Professor (Tenured 2010) University of Oklahoma Fa 2012 – Sp 2018 Professor University of Oklahoma Su 2018 Professor Tarleton State University
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COLLEGE OF AGRICULTURAL AND ENVIRONMENTAL SCIENCES

Dr. Kim C. McCuiston	Professor Animal Science and Veterinary Technology	0	11	Upon Approval by the Board and Faculty Arrival	Ph.D. (2006) West Texas A&M University	Fa 2006 – Su 2013 Assistant Professor Texas A&M University-Kingsville Fa 2013 – Su 2017 (Tenured 2013) Associate Professor Texas A&M University-Kingsville Fa 2017 – Sp 2018 Professor Texas A&M University-Kingsville Fa 2018 Professor Tarleton State University
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* Each university determines, through a review process, the number of years each faculty member will be awarded tenure based on his/her dossier.

TEXAS A&M UNIVERSITY
RECOMMENDATIONS FOR TENURE
TENURE LIST NO. 18-04

<u>Name</u>	<u>Present Rank</u> <u>Department</u>	<u>Yrs. Towards</u> <u>Tenure*</u>		<u>Effective</u> <u>Date/Tenure</u>	<u>Education</u>	<u>Employment</u> <u>Towards Tenure</u>
		<u>Univ.</u>	<u>Other Inst.</u>			
COLLEGE OF ARCHITECTURE						
Dr. H. David Jeong	Professor Construction Science	0	13	Upon Approval by the Board and Faculty Arrival	Ph.D. (2005) Purdue University	Fa 2005 – Su 2011 Assistant Professor Oklahoma State University Fa 2011 – Su 2012 Associate Professor (Tenured 2011) Oklahoma State University Fa 2012 – Su 2018 Associate Professor (Tenured 2012) Iowa State University Fa 2018 Professor Texas A&M University

COLLEGE OF ENGINEERING

Dr. James Edward Hubbard, Jr.	Professor Mechanical Engineering	0	>15	Upon Approval by the Board and Faculty Arrival	Ph.D. (1982) Massachusetts Institute of Technology	Fa 1981 – Sp 1985 Assistant Professor Massachusetts Institute of Technology 1985 – 2004 Industry Experience Fa 2004 – Fa 2017 Professor (Tenured 2004) University of Maryland Sp 2018 Professor Texas A&M University
Dr. Jeff Spath	Professor Petroleum Engineering	0	>15	Upon Approval by the Board and Faculty Arrival	Ph.D. (1996) Mining University of Leoben, Austria	2006 – 2013 President Schlumberger 2013 – 2015 Vice President Schlumberger Limited 2015 – 2018 CEO Texas Oil and Gas Institute Sp 2018 Professor Texas A&M University

COLLEGE OF LIBERAL ARTS

Dr. Jennifer L. Doleac	Associate Professor Economics	0	6	Upon Approval by the Board and Faculty Arrival	Ph.D (2012) Stanford University	Fa 2012 – Sp 2018 Assistant Professor University of Virginia Fa 2018 Associate Professor Texas A&M University
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COLLEGE OF SCIENCE

Dr. Tanya P. Garcia	Associate Professor Statistics	7	0	Upon Approval by the Board	Ph.D (2011) Texas A&M University	Su 2011 – Fa 2012 Research Assistant Professor Texas A&M University Sp 2013 – Su 2018 Assistant Professor Texas A&M University Fa 2018 Associate Professor Texas A&M University
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SCHOOL OF LAW

Mr. Robert B. Ahdieh	Professor School of Law	0	>15	Upon Approval by the Board and Faculty Arrival	J.D. (1997) Yale Law School	Fa 2000 – Sp 2003 Assistant Professor Emory University School of Law Fa 2003 – Sp 2005 Associate Professor Emory University School of Law Fa 2005 – Sp 2007 Associate Professor (Tenured 2005) Emory University School of Law Fa 2007 – Sp 2018 Professor Emory University School of Law Su 2018 Professor Texas A&M University
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* Each university determines, through a review process, the number of years each faculty member will be awarded tenure based on his/her dossier.

TEXAS A&M UNIVERSITY-COMMERCE
RECOMMENDATIONS FOR TENURE
TENURE LIST NO. 18-04

<u>Name</u>	<u>Present Rank</u> <u>Department</u>	<u>Yrs. Towards Tenure*</u>		<u>Effective Date/Tenure</u>	<u>Education</u>	<u>Employment Towards Tenure</u>
		<u>Univ.</u>	<u>Other Inst.</u>			
COLLEGE OF EDUCATION AND HUMAN SERVICES						
Dr. Zaidy MohdZain	Professor Counseling	0	>15	Upon Approval by the Board and Faculty Arrival	Ph.D. (1995) Kent State University	Fa 1993 – Sp 1996 Assistant Professor Delta State University Fa 1996 – Sp 1997 Associate Professor (Tenured 1996) Delta State University Fa 1997 – Sp 2001 Assistant Professor Southeast Missouri State Fa 2001 – Sp 2008 Associate Professor (Tenured 2001) Southeast Missouri State Fa 2008 – Sp 2018 Professor Southern Arkansas University Fa 2018 Professor Texas A&M University-Commerce

*Each university determines, through a review process, the number of years each faculty member will be awarded tenure based on his/her dossier.

Resolution

Board of Regents
The Texas A&M University System

WHEREAS, the Texas A&M University-Kingsville Beach Volleyball Team distinguished itself by winning the 2018 American Volleyball Coaches Association (AVCA) National Championship defeating Eckerd College in the final match; and

WHEREAS, this was the first-ever national championship by a women's team for Texas A&M University-Kingsville; and

WHEREAS, the squad also received votes in DiG Magazine's Collegiate Beach Volleyball poll for the first time in program history; and

WHEREAS, the pairing of Tenley Housler and Erin Umbel earned recognition with the AVCA's Top Flight Award after compiling a record of 23-7 during their freshman season; and

WHEREAS, the roster for the beach volleyball team consisted of Kadi Shipman, Kyra Henderson, Maelee Sowa, Macy Berg, Kylexus Block, Madison Brabham, Haley Hutchinson, Loren Washington, Tenley Housler, Sarah Miller, Whitney Walker, Madeline Sims, Shelby Tate, Erin Umbel, and Gabby Atchley; and

WHEREAS, The Texas A&M University-Kingsville coaching staff consisted of Head Coach Tanya Allen, Assistant Coach Gary Payne and Graduate Assistant Stephanie Johns. The team also received support from Graduate Assistant Athletic Trainer Kristin Weller; and

WHEREAS, this is the university's first team title since 1979, now, therefore, be it

RESOLVED, that we, the members of the Board of Regents of The Texas A&M University System, desire to express hearty congratulations to Head Coach Tanya Allen and to everyone associated with the Texas A&M University-Kingsville Beach Volleyball Team for their contributions to Texas A&M University-Kingsville; and, be it, further

RESOLVED, that this resolution be included in the minutes, and official copies thereof be signed by the Chairman of the Board of Regents of The Texas A&M University System, and be presented to Coach Tanya Allen, to the assistant coaches and support staff and to each member of the Texas A&M University-Kingsville Beach Volleyball Team, and to the Archives of Texas A&M University-Kingsville, as a permanent mark of this Board's appreciation and gratitude to all these individuals for a job well done.

ADOPTED, this 16th day of August 2018.

Resolution

Board of Regents
The Texas A&M University System

WHEREAS, the Men's Track and Field Team at Texas A&M University-Kingsville won the 2018 NCAA Men's Outdoor Track and Field National Championships, beating the nearest competitor by 14 points; and

WHEREAS, this was the second national championship in 2018 for Texas A&M University-Kingsville, after the Beach Volleyball Team also won the national championship; and

WHEREAS, this is the first men's team title for Texas A&M University-Kingsville since 1979: and

WHEREAS, Charles Greaves was national champion in the triple jump and the 4x100 meter relay and second in the long jump, earning First Team All-American honors and Field Athlete of the Year by the United States Track and Field and Cross Country Coaches Association; and

WHEREAS, Javier Lopez, placed first in the 100 meter hurdles and the 4x100 meter relay, earning First Team All-American honors and Outdoor Male Track Athlete of the Year by the Lone Star Conference; and

WHEREAS, Richard Cervantes placed first in the shot put, earning First Team All-American honors; and

WHEREAS, Deon Hope and Todd Nicholas made up the remaining two spots on the first place-winning 4x100 meter relay, earning First Team All-American honors; and

WHEREAS, others named First Team All-American were Johnathon Harper, seventh place, decathlon; Robert Downs, sixth place, 800 meter run; and Vitaly Zhgun, third place, javelin throw; and

WHEREAS, Head Coach Ryan Dall was named Coach of the Year by the United States Track and Field and Cross Country Coaches Association and is to be highly commended for providing outstanding leadership in guiding the team to the championships and national recognition while in his eighth season as head coach at Texas A&M University-Kingsville; and

WHEREAS, Coach Dall received valuable support from Assistant Coaches Aared Sampson and Tim Miller, Graduate Assistant Coach Amber Perry, and Athletic Trainer Brent McKinsey; now, therefore, be it

RESOLVED, that we, the members of the Board of Regents of The Texas A&M University System, desire to express hearty congratulations to Head Coach Ryan Dall and to everyone associated with the Texas A&M University-Kingsville's Men's Track and Field Team for their contributions to Texas A&M University-Kingsville; and, be it, further

RESOLVED, that this resolution be included in the minutes, and official copies thereof be signed by the Chairman of the Board of Regents of The Texas A&M University System, and be presented to Coach Ryan Dall, to the assistant coaches and support staff, and to each member of the Texas A&M University-Kingsville Men's Track and Field Team, and to the Archives of Texas A&M University-Kingsville, as a permanent mark of this Board's appreciation and gratitude to all these individuals for a job well done.

ADOPTED, this 16th day of August 2018.

TEXAS A&M UNIVERSITY-SAN ANTONIO
RECOMMENDATIONS FOR TENURE
TENURE LIST NO. 18-04

<u>Name</u>	<u>Present Rank</u> <u>Department</u>	<u>Yrs. Towards Tenure*</u>		<u>Effective</u> <u>Date/Tenure</u>	<u>Education</u>	<u>Employment</u> <u>Towards Tenure</u>
		<u>Univ.</u>	<u>Other Inst.</u>			
COLLEGE OF BUSINESS						
Dr. Young Lee	Associate Professor Computing and Cyber Security	0	10	Upon Approval by the Board and Faculty Arrival	Ph.D. (2007) Auburn University	Sp 2008 – Su 2014 Assistant Professor Texas A&M University-Kingsville Fa 2014- Su 2018 Associate Professor (Tenured 2014) Texas A&M University-Kingsville Fa 2018 Associate Professor Texas A&M University-San Antonio
COLLEGE OF EDUCATION AND HUMAN DEVELOPMENT						
Dr. Michael Shufelt Moyer	Associate Professor Counseling, Health and Kinesiology	0	11	Upon Approval by the Board and Faculty Arrival	Ph.D. (2005) Texas A&M University- Corpus Christi	Fa 2006 – Su 2012 Assistant Professor University of Texas at San Antonio Fa 2012 – Sp 2018 Associate Professor (Tenured 2012) University of Texas at San Antonio Fa 2018 Associate Professor Texas A&M University-San Antonio

* Each university determines, through a review process, the number of years each faculty member will be awarded tenure based on his/her dossier.

FACULTY DEVELOPMENT LEAVE LIST
FY 2019
WEST TEXAS A&M UNIVERSITY

Name/ Title/ Department	Years of WTAMU Tenured, Tenure-Track Service	Semester of Leave	Location and Brief Description of Leave
PAUL ENGLER COLLEGE OF AGRICULTURE AND NATURAL SCIENCES			
Shiquan Tao Associate Professor Chemistry	10	Spring 2019	Leave will be spent at Old Dominion University in Norfolk, Virginia, working with Dr. G. Cutter, an international leader in marine geo/environmental chemistry. Drs. Tao and Cutter are developing a new simple and low-cost approach for analyzing chemical species' spatial distribution in natural water systems. Dr. Tao will build collaborative relationships to submit grant proposals supporting research at WTAMU. The university and students will benefit from the anticipated purchase of an NSF laser ablation system and enriching the content of courses as well as the development of new courses.
SYBIL B. HARRINGTON COLLEGE OF FINE ARTS AND HUMANITIES			
Emily Kinsky Associate Professor Communication	6	Spring 2019	Dr. Kinsky was named to the Fulbright Specialist Program List and will be collaborating with Sarah Jones, Head of the School of Media, Birmingham City University, in the United Kingdom, to learn about emerging technologies and specifically about immersive experiential films. Dr. Kinsky will also work with Routledge Publishing to produce an edited volume regarding media portrayals of public relations practitioners and will organize and publish an issue of the <i>Journal of Public Relations Education</i> . These activities will increase her knowledge, skills and experience with emerging technology and assist with developing a network to help students as they seek employment. The university will benefit from the distinction associated with Fulbright, Routledge, and an academic journal of the Association for Education in Journalism and Mass Communication.
Bonney MacDonald Professor English	9	Spring 2019	Leave will be spent at the Huntington Manuscript Collection in San Marino, California, examining the papers of Frederick Jackson Turner. Dr. MacDonald will write the research and organize a panel presentation on Turner at the Western Literature Association, present a paper on Turner's West at the 2020 Western History Association, and submit a chapter for a proposed essay collection on Turner's influences with Texas A&M University Press. The proposed research will enhance her teaching, allow her to develop a graduate course and distribute her research with other scholars interested in Western Studies through the Brown Bag Lunch Lecture Series at WTAMU.

Resolution

Board of Regents
The Texas A&M University System

WHEREAS, the West Texas A&M University Women's Basketball Team made its fifth-straight appearance in the NCAA Division II Postseason, finishing 29-5 overall as it advanced to the South Central Region Title Game; and

WHEREAS, third year Head Coach Kristen Mattio was named the Lone Star Conference (LSC) Coach of the Year; and

WHEREAS, sophomore Lexy Hightower was named a Women's Basketball Coaches Association Honorable Mention All-American; and

WHEREAS, the Lady Buffs claimed the program's 16th LSC Regular Season Championship and its 14th LSC Tournament Championship; now, therefore, be it

RESOLVED, that we, the members of the Board of Regents of The Texas A&M University System, gratefully recognize the accomplishments of the West Texas A&M University Women's Basketball Team on its outstanding season; and, be it, further

RESOLVED, that this resolution be included in the minutes, and official copies thereof be signed by the Chairman of the Board of Regents of The Texas A&M University System, and be presented to the West Texas A&M University Women's Basketball Team and to the Archives of West Texas A&M University as an expression of appreciation and respect for this team.

ADOPTED, this 16th day of August 2018.

Resolution

Board of Regents
The Texas A&M University System

WHEREAS, the West Texas A&M University Women's Track & Field Team won its fifth-straight Lone Star Conference (LSC) Indoor Championship and claimed the program's first Indoor Track & Field National Championship; and

WHEREAS, during the indoor season Head Coach Matt Stewart was named LSC Coach of the Year and the U.S. Track & Field and Cross Country Coaches Association South Central Region Women's Coach of the Year, while sophomore Fatim Affessi was named the South Central Region Field Athlete of the Year; and

WHEREAS, the Lady Buffs claimed a pair of individual national championships; Ms. Affessi claimed the indoor triple jump championship, while senior Rellie Kaputin claimed the long jump national championship leading her to win her third career title; and

WHEREAS, the Women's Track & Field Team had eight student-athletes selected for the national indoor championship, and the Team had 12 All-American performances; now, therefore, be it

RESOLVED, that we, the members of the Board of Regents of The Texas A&M University System, gratefully recognize the accomplishments of the West Texas A&M University Women's Track & Field Team on its outstanding season; and, be it, further

RESOLVED, that this resolution be included in the minutes, and official copies thereof be signed by the Chairman of the Board of Regents of The Texas A&M University System, and be presented to the West Texas A&M University Women's Track & Field Team and to the Archives of West Texas A&M University as an expression of appreciation and respect for this team.

ADOPTED, this 16th day of August 2018.

Resolution

Board of Regents
The Texas A&M University System

WHEREAS, the West Texas A&M University Men's Baseball Team won its first outright Lone Star Conference (LSC) Regular Season Championship and hosted its first NCAA South Central Regional for the fifth-straight berth in the NCAA South Central Regional; and

WHEREAS, Head Coach Matt Vanderburg, along with Assistant Coaches Cory Hall, Shawn Neale and Trace Hansen, were named LSC Coaching Staff of the Year and Head Coach Vanderburg was named South Central Region Coach of the Year; and

WHEREAS, senior Luis Amaro was named LSC Player of the Year highlighting 11 Buffs who earned All-Conference honors, and junior Christian Loya earned LSC Academic honors and Academic All-Region accolades, along with six different players who earned All-Region honors; and

WHEREAS, the Men's Baseball Team won a school record of 40 games this season with an overall mark of 40-14, while going 20-4 in LSC games and ranking as high as No. 3 nationally during the season; now, therefore, be it

RESOLVED, that we, the members of the Board of Regents of The Texas A&M University System, gratefully recognize the accomplishments of the West Texas A&M University Men's Baseball Team on its outstanding season; and, be it, further

RESOLVED, that this resolution be included in the minutes, and official copies thereof be signed by the Chairman of the Board of Regents of The Texas A&M University System, and be presented to the West Texas A&M University Men's Baseball Team and to the Archives of West Texas A&M University as an expression of appreciation and respect for this team.

ADOPTED, this 16th day of August 2018.

Resolution

Board of Regents
The Texas A&M University System

WHEREAS, the Men's Basketball Team completed the most successful season in program history by winning its first Lone Star Conference (LSC) Regular Season Championship, the LSC Tournament Championship, and the NCAA South Central Regional, while advancing to the NCAA Division II Final Four for the first time in school history; and

WHEREAS, Head Coach Tom Brown was named LSC Coach of the Year and NCAA South Central Regional Coach of the Year, while freshman Gaige Prim was named LSC Freshman of the Year and senior Ryan Quaid was named Academic Player of the Year; and

WHEREAS, senior David Chavlovich earned multiple All-America honors and was named NCAA South Central Region Tournament Most Valuable Player while he, along with senior Jordan Evans, Ryan Quaid and Gaige Prim earned All-Conference honors; and

WHEREAS, the Men's Basketball Team won a school record of 32 games this season with an overall mark of 32-4, while going 15-3 in LSC games and ranked in the top five nationally during the season; now, therefore, be it

RESOLVED, that we, the members of the Board of Regents of The Texas A&M University System, gratefully recognize the accomplishments of the West Texas A&M University Men's Basketball Team on its outstanding season; and, be it, further

RESOLVED, that this resolution be included in the minutes, and official copies thereof be signed by the Chairman of the Board of Regents of The Texas A&M University System, and be presented to the West Texas A&M University Men's Basketball Team and to the Archives of West Texas A&M University as an expression of appreciation and respect for this team.

ADOPTED, this 16th day of August 2018.

EXHIBIT

Resolution

Board of Regents
The Texas A&M University System

WHEREAS, the Athletic Department completed another outstanding season finishing third in the National Association of Collegiate Directors of Athletics Learfield Sports Division II Directors' Cup Standings out of 312 NCAA Division II institutions; and

WHEREAS, this marked the fourth time in five years West Texas A&M University has finished in the top 15 in the final standings and has been "Best in Texas" for six straight years; and

WHEREAS, the Athletic Department won a team national championship in Women's Indoor Track, along with an additional five top 10 finishes during the season; and

WHEREAS, the Athletic Department finished second in the standings among schools with football and the Athletic Department recorded 304 points during the winter season and an additional 293 points in the spring season as points are awarded based on final finish in up to seven men's and seven women's teams per school who qualify for NCAA postseason; now, therefore, be it

RESOLVED, that we, the members of the Board of Regents of The Texas A&M University System, gratefully recognize the accomplishments of the West Texas A&M University Athletic Department on its outstanding season; and, be it, further

RESOLVED, that this resolution be included in the minutes, and official copies thereof be signed by the Chairman of the Board of Regents of The Texas A&M University System, and be presented to the West Texas A&M University Athletic Department and to the Archives of West Texas A&M University as an expression of appreciation and respect for the Athletic Department.

ADOPTED, this 16th day of August 2018.