

**GULF COAST
COOPERATIVE ECOSYSTEM STUDIES UNIT**

**AMENDMENT NINE to
COOPERATIVE and JOINT VENTURE AGREEMENT**

between

**U.S. DEPARTMENT OF THE INTERIOR
Bureau of Land Management
U.S. Geological Survey
National Park Service
U.S. Fish and Wildlife Service
Bureau of Ocean Energy Management**

**U.S. DEPARTMENT OF AGRICULTURE
U.S. Forest Service, Southern Research Station
Natural Resources Conservation Service**

**U.S. DEPARTMENT OF DEFENSE
Office of the Deputy Under Secretary of Defense
(Installations and Environment)
U.S. Army Corps of Engineers – Civil Works**

**U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration**

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

and

**TEXAS A&M UNIVERSITY SYSTEM (Host)
Texas A&M AgriLife Research, Institute of Renewable Natural Resources - Host
administrative lead
(Texas A&M AgriLife Extension,
Texas A&M University - College Station,
Texas A&M University – Corpus Christi,
Texas A&M University – Galveston,
Texas A&M University – Kingsville,
Tarleton State University)**

Auburn University

**Louisiana State University
Mississippi State University
Troy University
University of Central Florida
University of Florida
University of Georgia Research Foundation, Inc.
University of Louisiana at Lafayette
University of Texas - Austin
The Nature Conservancy
Stephen F. Austin State University
University of New Orleans
The University of West Florida
Sul Ross State University
University of Arkansas at Monticello
University of Arkansas, Division of Agriculture
Houston Advanced Research Center (HARC)
Southern University and A&M College
Bat Conservation International
Florida State University
University of Arkansas at Pine Bluff
Valdosta State University
Dauphin Island Sea Lab
Columbus State University
University of South Florida
University of South Alabama
Gulf Coast Bird Observatory
Louisiana State University Agricultural Center
Lamar University
Louisiana Department of Wildlife and Fisheries (LDWF)
The University of Alabama
Tulane University
University of Mississippi
University of Texas at Tyler
The University of Texas Rio Grande Valley (formerly University of Texas at
Brownsville and University of Texas – Pan American)**

With the exception of the changes below, all terms and conditions of the Gulf Coast CESU agreement apply to this Amendment, and this Amendment is hereby made part of the agreement. This Agreement is hereby revised to include administrative clarifications for the Texas A&M University System and to replace each use of the name “The University of Texas – Pan American” or “The University of Texas at Brownsville” with the name “The University of Texas Rio Grande Valley.”

ARTICLE I. ARTICLE I. BACKGROUND AND OBJECTIVES

N. The Texas A&M University System (TAMUS) participates in the Gulf Coast CESU. The following TAMUS institutions and agencies are participants under this Master Cooperative and Joint Venture Agreement: Texas A&M University – College Station, Texas A&M University – Corpus Christi, Texas A&M University – Galveston, Texas A&M University – Kingsville, Tarleton State University, and Texas A&M AgriLife Extension Service. Texas A&M AgriLife Research will serve as the Host member of the Texas A&M University System with the Texas A&M Institute of Renewable Natural Resources (IRNR) acting as the Host member administrative lead. AgriLife Research is dedicated to the discovery, development, communication, and application of knowledge in a wide range of academic and professional fields. Its mission of providing the highest quality undergraduate and graduate programs is inseparable from its mission of developing new understandings through research and creativity. It prepares students to assume roles of leadership, responsibility, and service to society. It welcomes and seeks to serve persons of all racial, ethnic, and geographic groups, women and men alike, as it addresses the needs of an increasingly diverse population and a global economy. IRNR is an organizational component of the Agricultural Program of the Texas A&M University System. Its purpose is to coordinate, strengthen, and integrate inter- and multi-disciplinary approaches to renewable natural resource issues by providing a forum for quality research, teaching, and extension programs to explore the structure, function, and sustainable use of renewable natural resources in Texas, the nation, and the world. IRNR has been administrative lead for the GC-CESU since its inception.

ARTICLE III. TERM OF AGREEMENT

- A.1. The effective date of the Gulf Coast CESU Cooperative and Joint Venture Agreement is 02 August 2012.
- A.2. The effective date of this amendment to the Gulf Coast CESU Cooperative and Joint Venture Agreement shall be determined from the date of the last signature.

ARTICLE XIV. AMENDMENT AUTHORIZING SIGNATURES

The following authorizing signatures are attached:

U.S. DEPARTMENT OF THE INTERIOR

- A. Bureau of Land Management
- B. U.S. Geological Survey
- C. National Park Service
- D. U.S. Fish and Wildlife Service
- E. Bureau of Ocean Energy Management

U.S. DEPARTMENT OF AGRICULTURE

- F. U.S. Forest Service
- G. Natural Resources Conservation Service

U.S. DEPARTMENT OF DEFENSE

- H. Office of the Deputy Under Secretary of Defense (Installations and Environment)
- I. U.S. Army Corps of Engineers – Civil Works

U.S. DEPARTMENT OF COMMERCE

- J. National Oceanic and Atmospheric Administration

- K. National Aeronautics and Space Administration

- L. Texas A&M University System, Texas A&M AgriLife Research (Host)

- M. Auburn University

- N. Louisiana State University

- O. Mississippi State University

- P. Texas A&M University – College Station

- Q. Texas A&M University – Corpus Christi

- R. Texas A&M University at Galveston

- S. Texas A&M University at Kingsville

- T. Troy University

- U. University of Central Florida

- V. University of Florida

- W. University of Georgia Research Foundation, Inc.

- X. University of Louisiana at Lafayette

- Y. University of Texas - Austin

- Z. The Nature Conservancy

- AA. Stephen F. Austin State University

- BB. University of New Orleans

- CC. The University of West Florida

- DD. Tarleton State University

- EE. Sul Ross State University

- FF. University of Arkansas at Monticello

- GG. University of Arkansas, Division of Agriculture

- HH. Houston Advanced Research Center (HARC)

- II. Southern University and A&M College

- JJ. Bat Conservation International

- KK. Florida State University

- LL. University of Arkansas at Pine Bluff

- MM. Texas A&M AgriLife Extension

- NN. Valdosta State University

- OO. Dauphin Island Sea Lab

- PP. Columbus State University


- QQ. University of South Florida

- RR. University of South Alabama

- SS. Gulf Coast Bird Observatory
- TT. Louisiana State University Agricultural Center
- UU. Lamar University
- VV. Louisiana Department of Wildlife and Fisheries (LDWF)
- WW. The University of Alabama
- XX. Tulane University
- YY. University of Mississippi
- ZZ. University of Texas at Tyler
- AAA. The University of Texas Rio Grande Valley (formerly University of Texas at Brownsville and University of Texas – Pan American)**

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

A. Bureau of Land Management



John F. Ruhs
State Director, Eastern States Office


7 October 2015
Date

Lisa Clayton
Grants Management Officer

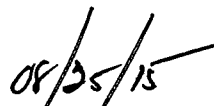
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

B. U.S. Geological Survey



Sherri Ly Bredesen
Contracting Officer



Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

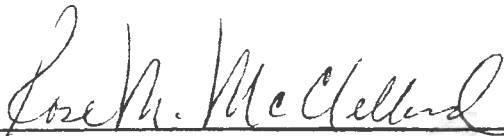
C. National Park Service



Stanley Austin
Regional Director

9-9-15

Date



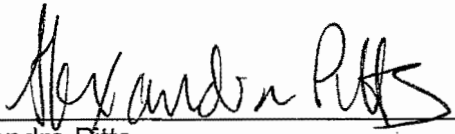
Rose M. McClelland
Contracting Officer

1-1-15

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

D. U.S. Fish and Wildlife Service



Alexandra Pitts
Deputy Regional Director

9.30.15
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

E. Bureau of Ocean Energy Management



Rodney Cluck
Chief, Division of Environmental Sciences

8/24/2015

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

F. U.S. Forest Service

Robert L. Doudrick
Robert L. Doudrick, Ph.D.
Station Director

08/25/2015
Date

The authority and format of this instrument has been reviewed and approved for award.

Joyce M. Gorgas
Joyce M. Gorgas
Lead Grants Management Specialist

8/25/2015
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

G. Natural Resources Conservation Service



Thomas W. Christensen
Associate Chief of Operations

1/28/2016

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

**H. Department of Defense, Office of the Deputy Under Secretary of Defense
(Installations and Environment)**

**ROBICHEAUX.TRACI.D.
1260353990**

Digitally signed by ROBICHEAUX.TRACI.D.1260353990
DN: c=US, o=U.S. Government, ou=DoD, ou=PKI,
ou=USA, cn=ROBICHEAUX.TRACI.D.1260353990
Date: 2015.08.25 10:35:59 -05'00'

Traci Robicheaux
Grants Officer (Representing ODUSD (I&E))

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

I. U.S. Army Corps of Engineers – Civil Works

**MCGUFFIE.JERI.
H.1230779046**

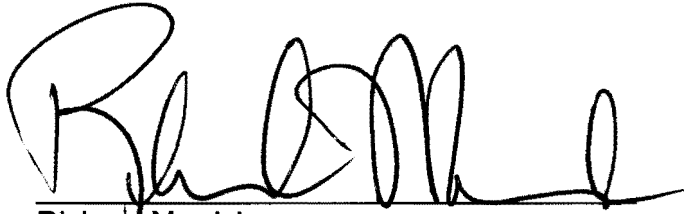
Digitally signed by
MCGUFFIE.JERI.H.1230779046
DN: c=US, o=U.S. Government, ou=DoD,
ou=PKI, ou=USA,
cn=MCGUFFIE.JERI.H.1230779046
Date: 2015.08.27 15:46:47 -05'00'

Jeri McGuffie
Grants Officer

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

J. National Oceanic and Atmospheric Administration

A handwritten signature in black ink, appearing to read 'Richard Merrick', written over a horizontal line.

Richard Merrick
Director of Scientific Programs & Chief Science Advisor
National Oceanic and Atmospheric Administration CESU Lead

29 SEPT 15

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

K. National Aeronautics and Space Administration



Kenneth M. Kumor
Natural Resources Program Manager

October 20, 2015
date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

**L. Texas A&M AgriLife Research, on behalf of Texas A&M University System
(Host)**



Craig L. Nessler
Director

7/31/2015
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

M. Auburn University



Gene Taylor
Associate Director, Office of Sponsored Programs



Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

N. Louisiana State University



Winona L. Ward
Executive Director, Sponsored Programs

8/27/15
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

O. Mississippi State University



Jennifer Easley
Director of Sponsored Programs Administration



Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

P. Texas A&M University – College Station

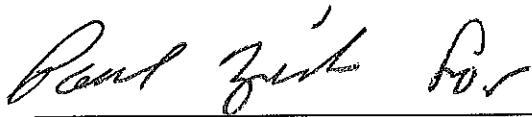


Carol J. Cantrell
Senior Associate Vice President for Research
Administration

8-20-15
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

Q. Texas A&M University – Corpus Christi

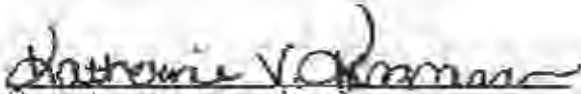


Dr. Luis A. Cifuentes
Vice President of Research, Commercialization & Outreach

4 Aug 2015
Date


ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

R. Texas A&M University at Galveston


Katherine Kissmann (SU)
Director, Contracts and Grants

8-7-15
Date

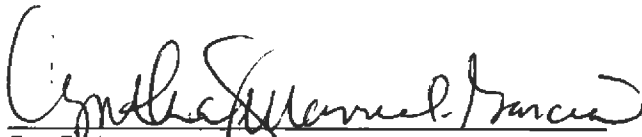
Recommended for Approval:


Dr. Antonietta Quigg
Associate Vice President for Research and Graduate Studies
Texas A&M University Galveston

7-27-2015
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

S. Texas A&M University at Kingsville



Dr. Rebecca A. Davis
Interim Director, ORSP

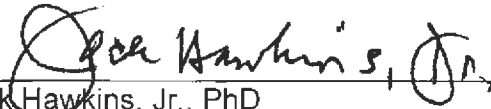
Cynthia Villarreal-Garcia for Rebecca A. Davis

8/23/15

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

T. Troy University



Jack Hawkins, Jr., PhD
Chancellor

8-25-2015
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

U. University of Central Florida

Tamara E. Gabrus
Tamara E. Gabrus
Sr. Contract Manager

Date 8/28/15.

Approved as to Form and Legality
R / 8-28-15

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

V. University of Florida



Brian Prindle
Associate Director of Research



Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

W. University of Georgia Research Foundation, Inc.

**Erika
Schwabe**

Digitally signed by Erika Schwabe
DN: cn=Erika Schwabe,
o=University of Georgia, ou=Office
of Sponsored Programs,
email=schwabe@uga.edu, c=US
Date: 2015.08.25 13:51:42 -04'00'

08/25/2015

Erika Schwabe
Senior Grants Officer


Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

X. University of Louisiana at Lafayette



James Henderson
Provost & Vice President for Academic Affairs



Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

Y. University of Texas – Austin




David K. Hawkins
Associate Director
Office of Sponsored Projects

9.30.15

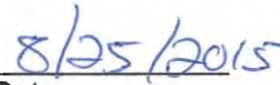
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

Z. The Nature Conservancy



John S. C. Herron
Texas Sr. Director of Conservation Programs



Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

AA. Stephen F. Austin State University



Baker Pattillo
President

9-10-15
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

BB. University of New Orleans



Greg Lassen
Vice President for Business Affairs

9/2/15
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

CC. The University of West Florida
for and on behalf of its Board of Trustees



Digitally signed by Richard K. Harper, PhD
DN: cn=Richard K. Harper, PhD, o=The
University of West Florida, ou=Center for
Research and Economic Opportunity,
email=rharper@uwf.edu, c=US
Date: 2015.10.09 11:28:07 -05'00'

10/07/15

Date

~~Richard S. Podemski, PhD~~
~~Associate Vice President for Research~~
Richard K. Harper, PhD
Associate Vice President for
Center for Research and Economic Opportunity

Approved for form and legality.

Approved via e-mail by Patricia D. Lott, Esc.

Office of University Counsel

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

DD. Tarleton State University

F. Dominic Dottavio

president@tarleton.edu

F. Dominic Dottavio
President

07/21/2015

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

EE. Sul Ross State University

A handwritten signature in blue ink that reads "Bill Kibler". The signature is written in a cursive style and is positioned above a horizontal line.

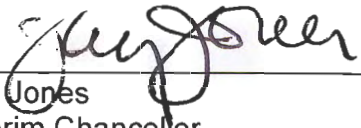
Bill Kibler
President

Date

A handwritten date "10/6/15" in blue ink, positioned above a horizontal line.

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

FF.University of Arkansas at Monticello



Jay Jones
Interim Chancellor

8/26/2015

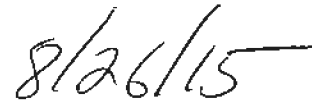
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

GG. University of Arkansas, Division of Agriculture

A handwritten signature in cursive script that reads "C. E. Watson". The signature is written in black ink and is positioned above a horizontal line.

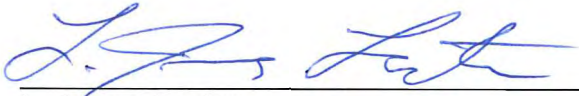
Clarence Watson
Associate VP for Agriculture

A handwritten date "8/26/15" in cursive script, written in black ink above a horizontal line.

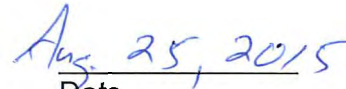
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

HH. Houston Advanced Research Center (HARC)




L. James Lester
President



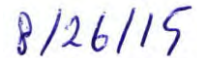
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ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

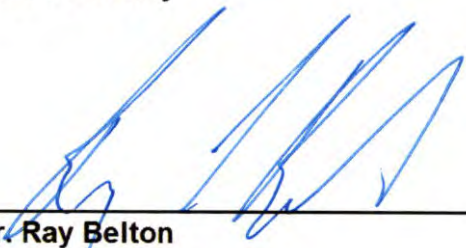
II. Southern University and A&M College




Kamran Abdollahi, Ph.D.
Program Leader and Graduate Director
Urban Forestry



Date




Dr. Ray Belton
Chancellor



Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

JJ. Bat Conservation International

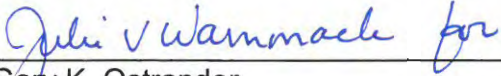


Mylea Bayless
Director Conservation

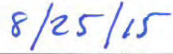
8/28/2015
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

KK. Florida State University



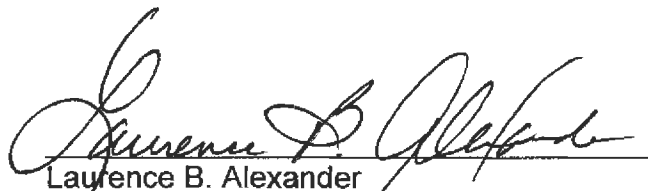
Gary K. Ostrander
Vice President for Research



Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

LL. University of Arkansas at Pine Bluff

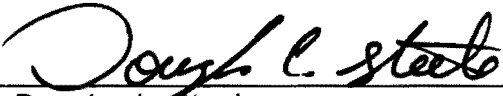


Laurence B. Alexander
Chancellor

9-29-15
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

MM. Texas A&M AgriLife Extension Service

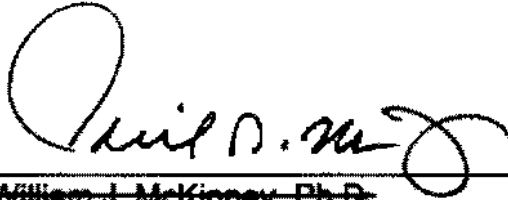


Dr. Douglas L. Steele
Director

7/23/15
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

NN. Valdosta State University




~~William J. McKinney, Ph.D.
President~~
Cecil P. Staton, Ph.D
Interim President

9/20/15
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

OO. Dauphin Island Sea Lab



David England
Director of Finance and Administration

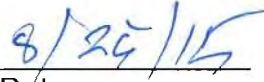
9/3/15
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

PP. Columbus State University




Dr. Tom Hackett
Provost/VPAA



Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

QQ. University of South Florida Board of Trustees, a public body corporate



Paul R. Sanberg, Ph.D., D.Sc.
Senior Vice President
Research & Innovation

9/15/15
Date

APPROVED AS TO FORM AND LEGAL SUFFICIENCY

Michele Cerullo, JD
Associate General Counsel - University of South Florida

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

RR. University of South Alabama

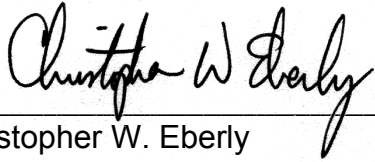


Lynne Chronister
Vice President Research and Economic Development

Aug 27, 2015
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

SS. Gulf Coast Bird Observatory



Christopher W. Eberly
Executive Director

8/25/2015

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

TT. Louisiana State University Agricultural Center



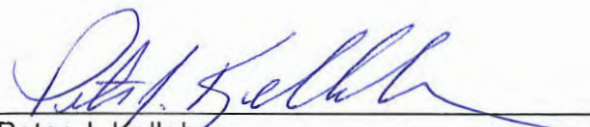
William B. Richardson
Chancellor

9/28/15

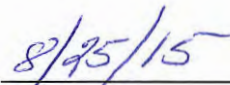
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

UU. Lamar University



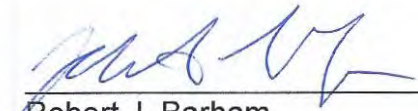
Peter J. Kelleher
Associate Provost for Research



Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

VV. Louisiana Department of Wildlife and Fisheries (LDWF)



Robert J. Barham
Secretary

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

WW. The University of Alabama

Dr. Carl A. Pinkert
Digitally signed by Dr. Carl A. Pinkert
DN: cn=Dr. Carl A. Pinkert, o=The University of
Alabama, ou=Vice President for Research and
Economic Development, email=CAP@UA.EDU, c=US
Date: 2015.08.25 10:11:16 -0500


Dr. Carl A. Pinkert
Vice President for Research

August 25, 2015

Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

XX. Tulane University


Kathleen M. Kozar
Director, Sponsored Projects Administration

8-25-15
Date


ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

YY. University of Mississippi

<u><i>Robin C. Buchannon</i></u>	<u><i>8.25-15</i></u>
Robin C. Buchannon	Date
Assistant Vice Chancellor for Research and Sponsored Programs	

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

ZZ. University of Texas at Tyler



Dr. Michael Odell
Vice President for Research & Technology Transfer

8/25/2015

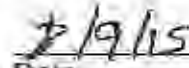
Date

ARTICLE XIV. AUTHORIZING SIGNATURES (cont.)

**AAA The University of Texas Rio Grande Valley
(formerly listed as University of Texas at Brownsville and University of
Texas – Pan American)**



Martin V. Baylor
EVP for Finance and Administration



Date