

DEP Contract Review Form										DEP Contract No.: SP631	Original Contract:	Funding Increment Increase No.: 1							
										Change Order No.									
CONTRACTOR INFORMATION										Type:	Services	X	Grant	Commodities	Concession	Other			
Name (Primary):	Louisiana State University									DMS Class/Group:	991-915	Procurement Method:	Exempt - Government Entity						
Mailing Address:	Wetland Biogeochemistry Institute School of the Coast & Environment																		
City/State/Zip	Baton Rouge, LA 70803																		
Contact Person:	Dr. Irving A. Mendelsohn																		
Phone Number:	225-578-6425																		
Contractor Fiscal Yr. End:																			
FEID No.:	72-6000848																		
Name (Secondary):	Louisiana State University																		
Mailing Address:	Wetland Biogeochemistry Institute School of the Coast & Environment																		
City/State/Zip	Baton Rouge, LA 70803																		
Contact Person:	Dr. Robert P. Gambrell, Director																		
Phone Number:	225-578-6426																		
Contractor Fiscal Yr. End:																			
FEID No.:	72-6000848																		
Funding Information:										Specify County where work is being performed:									
Ceiling Amount:	\$317,335 (\$123,152 increase)	Current Funding Amt:	\$165,993 (\$12,516 increase)								Journal Transfer Information (29 digit account code, if applicable):								
Org Code	EO	Fund/FID	L2	Category	YR	GAA LI	Obj Code	CSFA #	Rec Type	Activ Code	Grant No.	Module	Project No.	Amount					
3725 02 01 002		050001	030000	04/05			132600					8567		\$12,516					
Contract Management Information:										Division/District:		Resource Assessment & Mgmt			Bureau/Office:		Mercury and Applied Sciences		
										Contract/Project Manager:		Donald Axelrad, Ph.D.			Telephone No. of Manager:		850-245-8305		
										Approved By - Signature		Date Approved			Identify Delegation of Authority for Person Executing Contract:				
										<i>Patricia B. McPhaul</i> Patricia B. McPhaul			3/7/05			Reviewer Comments: MFMP Registered Vendor Relationship - checklist in file.			
										<i>Thomas O. Anderson</i> Thomas O. Anderson			3/7/05						
										N/A			N/A						
										<i>Aubrey Heggen</i> Aubrey Heggen			3/4/05						
										N/A			N/A						
										<i>Aubrey Heggen</i> Aubrey Heggen			3/4/05			N/A			
										N/A			N/A			N/A			
										N/A			N/A			N/A			
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										N/A			N/A			N/A			

IMPORTANT!!! IMPORTANT!!! IMPORTANT!!!

Separation of Duties Notice

DEP Contract No: SP631 Amendment No. 1
DEP Contract Manager: Don Axelrad

The attached contract/contract amendment is being routed for review and execution by the Department. Adequate separation of duty is required in the procurement of goods and services by the Department. Please be advised that the subject contract/contract amendment must be executed by a reviewing authority for the DEP Contract Manager who is authorized to execute contracts on behalf of the Department. If the DEP Contract Manager happens to have the delegated authority to execute contracts on behalf of the Department, the DEP Contract Manager *must not execute* the attached contract/contract amendment.

Separation of duties, which is also referred to as segregation of duties, "involves ensuring that individuals do not perform incompatible duties. Duties are considered incompatible from a control standpoint when it is possible for an individual to commit an error or irregularity and then be in a position to conceal it in the normal course of his or her duties."¹

¹Boynton, William C. and Kell, Walter G., *Modern Auditing*, 6th ed., New York: John Wiley & Sons, Inc.,

If you have any questions regarding this notice, please contact the Contracts Office representative identified below for assistance.

Contracts Office Rep: Shelly Kelley 	Phone: 850/245-2351
Date: March 2, 2005	SunCom: 205-2351

NOTE: This Notice is to be maintained in DEP Contract Manager's file.

DEP CONTRACT NO. SP631
AMENDMENT NO. 1

THIS CONTRACT as entered into on the 14th day of November, 2003, between the STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (hereinafter referred to as the "Department") and THE BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND A&M COLLEGE (hereinafter referred to as the "Contractor") is hereby amended.

WHEREAS, sampling was unable to be conducted in the summer of 2004 due to drought conditions in the Everglades; and,

WHEREAS, the USGS was unable to supply airboat support as originally planned due to budget cuts; and,

WHEREAS, the frequency of certain measurements will need to be increased based on preliminary findings; and,

WHEREAS, due to the circumstances named above, which are beyond the control of the Contractor, the Contract can not be completed prior to the current completion date; and,

WHEREAS, the Department desires to renew the Contract to allow for the inclusion of additional time and funding needed to complete the revised scope of services.

NOW, THEREFORE, the parties hereto agree as follows:

- In order to provide for the additional services being included in the Scope of Services for this Contract, Paragraph No. 4.A. is hereby revised as follows:
 - The maximum compensation amount of the Contract is hereby increased from \$194,183 to \$317,335 (an increase of \$123,152).
 - The authorized funding increment amount of the Contract is hereby increased from \$153,477 to \$165,993 (an increase of \$12,516).
- In accordance with Paragraph No. 5, which provides for three one-year renewal periods, the first one-year renewal option is hereby exercised and the completion date of the Contract is hereby changed from May 13, 2006 to May 13, 2007. However, it is hereby understood and agreed that the services outlined in Attachment A, as revised by this amendment, shall be completed no later than December 31, 2006.
- Attachment A, Scope of Services, is hereby revised as follows:
 - The OBJECTIVES AND HYPOTHESES section, second paragraph is hereby revised to read as follows:

The Contractor hypothesizes that:

 1. Sulfate loading will have no significant effect on plant response.

Two alternate hypotheses are:

 2. Sulfate loading will affect *Cladium* more than *Typha*.
 3. Sulfate loading will affect both species equally.
 - The MATERIALS AND METHODS section, Plant Responses subsection, first paragraph is hereby revised to read as follows:

The following measurements of plant response will be conducted in each of the experimental units (mesocosms and controls) subjected to the previously described treatment-levels. Field trips to the study site will be based on the schedule presented in Revised Table 1.
 - The MATERIALS AND METHODS section, Plant Responses subsection, Growth Estimates of Plant Responses, Plant Tissue Sulfur, is hereby revised to read as follows:

Plant Tissue Sulfur. Once each year, plant samples will be collected to measure total sulfur concentration. Leaf tissue will be digested with concentrated nitric and sulfuric acid, and the total sulfur in the digest measured with an inductively coupled plasma emission spectrometer.

- The SCHEDULE section is hereby revised to read as follows:

The research is proposed for the period beginning October 1, 2003 and ending December 31, 2006. Sampling trips will follow the schedule provided in Revised Table 1.

- The DELIVERABLES section is hereby revised to read as follows:

Quarterly progress reports will be delivered to the Department every three months (see Table 2). Yearly data reports, summarizing the findings for that year, will also be presented at the end of each fiscal year, and a final report will be submitted one month prior to the termination of the contract. The Final Report will be submitted to the Department within 45 days of submission of the Draft Report. The final report will be in the form of a research manuscript that can be rapidly disseminated to both the scientific and resource management community.

- Table 1 is hereby deleted in its entirety and replaced with Revised Table 1, attached hereto and made a part of the Contract. All references in the Contract to Table 1 shall hereinafter refer to Revised Table 1, as appropriate.
- Table 2, Target Activities for Quarterly Budget Periods, attached hereto, is hereby added to Attachment A, Scope of Services. Attachment A is hereby revised to change the page count from 6 pages to 7 pages.

In all other respects, the Contract of which this is an Amendment, and attachments relative thereto, shall remain in full force and effect.

IN WITNESS WHEREOF, the parties have caused this Amendment to be duly executed the day and year last written below.

LOUISIANA STATE UNIVERSITY

By: Karen Baramonde for
Title:

JAMES L. BATES
DIRECTOR, OFFICE OF SPONSORED PROGRAMS

Date: 3/7/2005

FEID: 72-6000848

Wetland Biogeochemistry Institute
School of the Coast and Environment
Baton Rouge, LA 70803

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION

By: [Signature]
Director, Division of Resource Assessment and Management, or designee

Date: 3-7-05

[Signature]
Donald Axelrad, DEP Contract Manager

[Signature]
DEP Contracts Administrator

Approved as to form and legality

[Signature]
DEP Attorney

List of attachments/exhibits included as part of this Contract:

Attachment A, Scope of Services, Revised Table 1, Milestone Chart – Assessments of plant vigor and growth response (1 Page)
Attachment A, Scope of Services, Table 2, Target Activities for Quarterly Budget Periods (1 Page)

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Revised Table 1. Milestone Chart – Assessments of plant vigor and growth response.

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*Although the number of sampling events are fixed, the time of these events will be a function of the sampling schedule of Dr. William Orem, USGS.

Table 2. Target activities for quarterly budget periods

I. Plant Mesocosm Study

Budget Year	Quarterly Report Date	Target activities	% Completion of annual budget
Year 1, FY 03/04	January 15, 2004	Major field sampling, November; Quarterly Report	50%
	April 15, 2004	Major field sampling, March; Quarterly Report	25%
	June 15, 2004 FY final report	Sample and data analyses, FY final report	25%
Year 2, FY 04/05	October 1, 2004	Sample and data analyses; Quarterly Report.	25%
	January 1, 2005	Sample and data analyses; Quarterly Report.	25%
	April 1, 2005	Major field sampling, Feb & March; Quarterly Report.	25%
	June 1, 2005 FY final report	Sample and data analyses; FY final report	25%
Year 3, FY 05/06	October 1, 2005	Major field sampling, Aug; Quarterly Report.	25%
	January 1, 2006	Major field sampling, November; Quarterly Report.	25%
	April 1, 2006	Major field sampling, March; Quarterly Report.	25%
	June 1, 2006	Sample and data analyses; FY final report	25%
Year 4, FY 06/07	October 1, 2006	Major field sampling, Aug; Quarterly Report.	50%
	December 31, 2006	Submit final report	50%

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SUMMARY OF CONTRACTUAL SERVICES AGREEMENT/ PURCHASE ORDER

OLO/Department: 37 – Department of Environmental Protection Agency Contact: _____
 Telephone #: _____
 Contractor/Vendor/Payee: The Board of Supervisors of Louisiana Stae University and A & M College
 Total Contract/P.O. Amount: \$165993 (\$12,516 increase) Total Amount of Previous Payments: _____
 Contract/P.O. #: SP631
 Contract/P.O. Start Date: 11/14/2003 Contract/P.O. End Date: 5/13/2007
 Contract/P.O. Last Signed Date: _____
 Type of Services: Research Services
 Method of Payment:

☐ Fixed Rate ☒ Lump Sum ☐ Cost Reimbursement ☐ Cost Plus (any combination of these) ☐ Advance Funded

Deliverables Including Minimum Performance Standards	Payment Amount
Attachment A	

Method of Procurement: ☐ ITB ☐ RFP ☐ ITN ☐ SOQ Reference # _____
 Single/Sole Source Emergency Certification _____
 Other (Specify) Exempt - Governmental Entity

Management Controls:

- (a) All the above information is true and correct; the undersigned management represents that controls are in place to insure that goods/services are received and payments are made in accordance with contract terms.
- (b) All completed work will be verified in a certified statement signed by the contract manager or higher authority prior to payment. The undersigned understands that the office of the State Chief Financial Officer reserves the right to either appoint special contract monitors or to conduct periodic site post-audits of any contracts.

Management Name (please print) _____
 Management Approval Signature _____
 Management Approval Date _____

SK
 3/2/05