

Parris N. Glendening Governor

October 25, 2000

James W. Peck Director

Mr. Frank L. Hamons Manager, Harbor Development Maryland Port Administration, Maritime Center II 2310 Broening Highway Baltimore, MD 21224

REF: MPA Contract No. 500828, PIN No. 54020020, MES Contract No. 00-07-24: Interagency Agreement Between the MPA and MES for Environmental, Planning, Technical and Implementation Services for Poplar Island Environmental Restoration Project, as amended

REF: MES/W. Young Ltr of 4/19/00 transmitting MES Proposal No. ED-08C-00, Subj: Environmental, Planning and Implementation Services for Poplar Island Environmental Restoration Project

REF: MES/W. Young Ltr of 4/6/00 transmitting MES letter proposal for Dewatering of Upland Cell and Associated Field-Level Support (Task 18)

REF: MES/W. Young Ltr of 9/5/00, Subj: Request for Task 18 Budget and Schedule Revision

SUBJ: Request for Modifications to Scope of Work, Budget Changes and Term for Tasks 1 through 17, Poplar Proposal for Seventeen Planning and Implementation Tasks

Dear Mr. Hamons:

Enclosed is MES Proposal Number ED-03-01 requesting scope of work modifications, budget increases and term extensions for Tasks 1 through 17 in support of the MPA's role as local sponsor for the Poplar Island Environmental Restoration Project (ERP). The background and justification for these changes are presented in the proposal.

A budget increase of \$1,367,128 is requested for Tasks 1 through 17. The overall budget for these seventeen tasks would increase from \$891,844 to \$2,258,984. The budgets for Tasks 1, 15, 16 and 17 reflect an estimation of funding needs through December 31, 2001 for these tasks. Please also note that Task 17 is planned to assume site logistics and transportation support for planning and implementation services once work under Task 18 is completed in mid- to late December 2000. The budgets for Tasks 2 through 14 reflect the estimated funding needs to complete the specific work at the increased levels of effort indicated.

For your convenience, you may approve the changes requested in the attached proposal for Task 1 through 17 by signing, dating and returning the attached endorsement to me.

Please do not hesitate to call at your convenience if there are any questions or if additional information is needed to assist in your review of the combined MES and subcontractor proposal.

copy to:

MES: R. Miller, K. Wikar, C. Donovan, S. Storms, P. McDonagh, K. Howarth, N. Balenske, I. Hoffman

MPA: D. Bibo, N. Brown, J. Vasina

MPA	ENDORSEMENT on MES/W. Young letter dated October 25, 2000
FRO	: Frank L. Hamons, Manager, Harbor Development
TO:	Wayne Young, Director, Environmental Dredging
SUB	Task Authorizations
1.	MES Proposal ED-03-00 is accepted.
2.	This endorsement constitutes the MPA's notice to continue services for Poplar Island Invironmental Restoration Project Tasks 1 through 17 through December 31, 2001, or until individual tasks are completed, whichever occurs first.
3.	an overall budget increase of \$ is approved for Poplar Island ERP asks 1 through 17.
	Frank L. Hamons (date)
	Manager, Harbor Development

MARYLAND ENVIRONMENTAL SERVICE

ENVIRONMENTAL DREDGING DIVISION PROPOSAL NUMBER ED-03-01

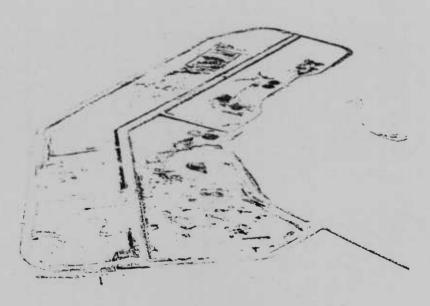
Environmental, Planning and Implementation Services for Poplar Island Environmental Restoration Project

REQUEST FOR MODIFICATIONS TO SCOPE OF WORK, BUDGET CHANGES AND TERM

Prepared for:
Maryland Port Administration

MPA Contract Number: 500828 MPA PIN Number: 54020020 MES Contract Number 00-07-24

October 25, 2000



Proposed Service Providers

Maryland Environmental Service (MES)

MES Subcontractors and Subcontractor Subconsultants

Moffat and Nichol Engineers (M&N)
Gahagan & Bryant Associates, Inc. (GBA)

Earth Engineering and Science, Inc. (E2Si)

Engineering, Consultation, Construction and Remediation, Inc (E2CR) Environmental Concern, Inc. (ECI)

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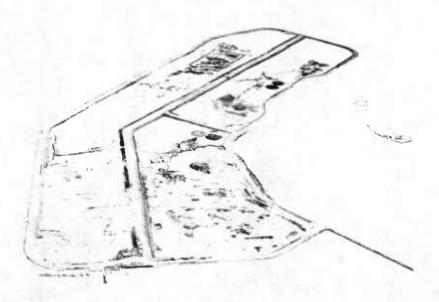
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MES PROPOSAL ED-03-01 October 25, 2000

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For your convenience, you may approve the changes requested in the attached proposal for Task 1 through 17 by signing, dating and returning the attached endorsement to me.

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FRC	M: Frank L. Hamons, Manager, Harbor Development
TO:	Wayne Young, Director, Environmental Dredging
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	Frank L. Hamons (date) Manager, Harbor Development

MARYLAND ENVIRONMENTAL SERVICE

ENVIRONMENTAL DREDGING DIVISION PROPOSAL NUMBER ED-03-01

Scope of Work, Budget and Schedule Modifications for Environmental, Planning and Implementation Services for Poplar Island Environmental Restoration Project

> Prepared for: Maryland Port Administration MPA Contract Number: 500828 MPA PIN Number: 54020020 MES Contract Number 00-07-24

> > October 25, 2000

1.0 PURPOSE

- 1.1 This proposal was developed by the Maryland Environmental Service (MES) to request scope of work modifications, budget increases, and schedule changes consistent with changed work requirements, conditions and level of effort requirements presented to and coordinated with the Maryland Port Administration (MPA) and the U.S. Army Corps of Engineers, Baltimore District (CENAB) in monthly status reports and at Poplar Island Environmental Restoration Project (ERP) joint team meetings.
- 1.2 The purpose of the modified tasks and budget increases contained in this proposal is to continue assistance to the MPA, as local sponsor for the Poplar Island ERP, in providing support needed by the MPA and CENAB for activating and managing the Poplar Island project.
- 1.3 MES and MES subcontracted services will be provided to the Poplar Island ERP through the MPA in coordination with services provide by other agencies and their subcontractors that are providing services to the project sponsors, either directly or under subcontract to the MPA, MES or CENAB.

2.0 BACKGROUND.

MES and MES Subcontractors have been providing the MPA and CENAB (through the MPA) with environmental, technical, operational planning support and associated implementation services to enable activation of the Poplar Island ERP in time for the first scheduled inflow of dredged material, now anticipated during Winter 2000. During the course of providing services, additional planning and implementation services and increased levels of effort have been

required to accommodate unanticipated site-specific conditions, gaps in essential data, modification of implementation concepts resulting from planning and design to date, extension of the time frame for underdrain installation and dike raising and associated Quality Assurance/Quality Control (QA/QC) technical support to project sponsors, and other factors. A need to continue planning and implementation services and to provide logistic and transportation support for these services through initial inflow period and establishment of a wetland habitat test cell on site have also been identified.

The duration of the planning and implementation need is indefinite in view of changes to the implementation requirements and schedule, uncertainty over funding issues and credits for the local sponsor, and other considerations. For budget planning purposes, December 31, 2001 is used in the budgets accompanying this proposal. Additional planning and implementation services and associated logistics and transportation support that may be needed beyond that indicated in this proposal in order to fully implement Phase I of the project, including habitat development, will be coordinated with the MPA as needs become apparent through continuing planning and implementation activities. These additional needs will be addressed by subsequent coordination with the MPA as the situation develops.

3.0 TASK DESCRIPTION

Tasks 1 through 17 were presented in MES Proposal ED-08C-00, which is incorporated by reference. A summary of requested changes by task is listed below, and presented in Attachment 1 with supporting detail and justification as appropriate.

- 3.1 TASK 1 PROJECT PLANNING, TECHNICAL, ENVIRONMENTAL AND IMPLEMENTATION SERVICES. No change in scope of work. Services will continue be provided by MES and MES subcontractors. See Attachments 2, 2A and 3 for requested budget increases to extend services through December 31, 2001.
- 3.2 TASK 2 LONG-TERM MONITORING (CENAB Item 1.4). No change in scope of work. Services will continue to be provided by MES. See Attachments 2 and 3 for requested budget increases to complete task.
- 3.3 TASK 3 (CENAB Item 2.1.2) DEWATERING PLAN, UNDERDRAIN AND PUMPING SYSTEM, AND DIKE RAISING. Increased level of effort for design and QA/QC technical support services to be provided by Gahagan and Bryant Associates (GBA) and GBA subcontractors under subcontract to MES. See Attachments 2, 2A, and 3 for requested budget increases to complete task.
- 3.4 TASK 4 (CENAB Item 2.1.4) WETLAND FIELD DATA. No change. Task completed. See Attachments 2 and 3 for continuity purposes.
- 3.5 TASK 5 (CENAB Item 2.1.5) BASELINE PSDDF MODELING AND CELL CAPACITIES. Increased level of effort for PSDDF modeling by GBA under

- subcontract to MES. See Attachments 2, 2A and 3 for requested budget increases to complete task.
- 3.6 TASK 6 (CENAB Item 2.1.6) PLAN AND DESIGN MARSH. Increased level of effort for PSDDF modeling by GBA and GBA Subcontractors under subcontract to MES. See Attachments 2, 2A and 3 for requested budget increases to complete task.
- 3.7 TASK 7 (CENAB Item 2.1.7) MATERIAL MANAGEMENT PLAN FOR FIRST DREDGING CYCLE. Increased level of effort by GBA under subcontract to MES. See Attachments 2, 2A and 3 for requested budget increases to complete task.
- 3.8 TASK 8 (CENAB Item 2.1.8) FILLING SCHEDULE AND QUANTITIES FOR FIRST PLACEMENT CYCLE. Increased level of effort for PSDDF modeling by GBA under subcontract to MES. See Attachments 2, 2A and 3 for requested budget increases to complete task.
- 3.9 TASK 9 TECHNICAL ASSISTANCE FOR PLANS, SPECIFICATIONS AND OTHER REQUIREMENTS FOR FIRST PLACEMENT CYCLE. Increased level of effort by MES and MES Subcontractors under subcontract to MES. See Attachments 2, 2A and 3 for requested budget increases to complete task.
- 3.10 TASK 10 (CENAB Item 2.2) SITE SUPPORT AND LOGISTICS. No change in scope of work by MES and MES Subcontractors. Initial work performed in conjunction with and through Task 18. Extended schedule only. See Attachments 2, 2A and 3 for continuity purposes.
- 3.11 TASK 11 (CENAB Item 2.3.5) DESIGN CRUST MANAGEMENT PLAN.
 Provided by MES and MES subcontractors. No change in scope. See Attachments 2,
 2A and 3 for minor budget changes.
- 3.12 TASK 12 (CENAB Item 3.0) HABITAT DEVELOPMENT PLAN. No change. See Attachments 2, 2A and 3 for continuity purposes.
- 3.13 TASK 13 (CENAB Item 3.2) VEGETATIVE MANAGEMENT TECHNICAL ANALYSIS. Increased level of effort for analytical services to be provided by GBA and GBA subcontractors under subcontract to MES. See Attachments 2, 2A, and 3 for requested budget increases to complete task.
- 3.14 TASK 14 (CENAB Item 3.3) VEGETATIVE PLANNING. Increased level of effort for vegetative planning by GBA and GBA Subcontractors under subcontract to MES. See Attachments 2, 2A and 3 for requested budget increases to complete task.
- 3.15 TASK 15 (CENAB Item 5.2.1) TECHNICAL AND MEETING SUPPORT. No change. See Attachments 2, 2A and 3 for continuity purposes.

- 3.16 TASK 16 (CENAB ITEM 5.4) INTERORGANIZATIONAL SUPPORT. No change. See Attachments 2, 2A and 3 for continuity purposes.
- 3.17 TASK 17 PLANNING AND IMPLEMENTATION LOGISTICS AND GENERAL SUPPORT. Increase in scope of work to include other logistics support and specialized equipment. Services will be provided by or through MES. See Attachments 2, 2A and 3 for requested budget increases to extend services through December 31, 2001.

4.0 SCOPE OF WORK.

- 4.1 MES and MES subcontractors will provide the services specified in the MES Scope of Work (Attachment 1) and Subcontractor Scope of Work (Attachment 1A) of MES Proposal ED-08C-00, previously approved by the MPA, and incorporated by reference.
- 4.2 MES and MES subcontractors will provide the additional services specified in MES Supplemental Scope of Work (Attachment 1) and MES Subcontractor Scope of Work (Attachment 1A) of this proposal.
- 4.3 It is anticipated that work on tasks and subtasks may be refined from that indicated in the Scope of Work based upon guidance received from the MPA and CENAB in support of the joint planning process, advice from advisory groups, and availability of supporting materials from other sources relative to activation of the Poplar Island ERP.
- 4.4 MES will advise of the need for and accept requests for modification of task elements for approved tasks, within the task scope of work and available budget, from the Manager, Harbor Development or the MPA task manager designated by the Manager, Harbor Development.
- 4.5 MES will accept requests for the preparation of additional task scopes of work from the Manager, Harbor Development or the MPA project managers designated by the Manager, Harbor Development. Work on accepted tasks will begin upon concurrence of the Manger, Harbor Development.

5.0 STAFFING

5.1 Principals.

5.1.1 The Director, Maryland Environmental Service, and the Director, Environmental Services and Waste Management (ES&WM) Program, will provide executive-level policy and coordination services at no direct cost to the MPA.

5.1.2 Technical services provided by agency principals are not anticipated. Should technical services by the Director, ES&WM Program, become necessary, they would be charged at the labor rate for the Director's services.

5.2 Project, Task and Contract Management.

- 5.2.1 Dr. Stephen Storms, Ph.D, will serve as the overall MES Project Manager, replacing Mr. Kevin Wikar, who has completed services with MES. Dr. Storms will also manage selected tasks and provide technical services. Project management assistance will be provided by various staff to track work performed, budgets, and invoices and to prepare documentation.
- 5.2.2 Mr. Wayne Young, Director, Environmental Dredging Division, will serve as the MES principal administrative contact for work performed under the Interagency Agreement by MES and MES subcontractors. He will also provide senior planning, technical and review services.
- 5.2.3 Dr. Stephen Storms will continue to coordinate environmental aspects of work under this proposal on an interim basis and will be assisted by various members of the MES professional staff.
- 5.2.4 Qualified members of the MES professional, technical and field staffs will assist in the management and performance of various task elements and subcontracted services.

5.3 Planning and Technical Services.

- 5.3.1 Primary services will be provided by the Environmental Dredging Division and the Engineering and Program Development Division professional and technical staffs of the Environmental Services and Waste Management Program. MES services will be provided on a cost reimbursable basis.
- 5.3.2 Environmental, technical and planning support will be provided on an as needed basis by other members of the MES professional, technical and field staffs.
- 5.3.2 Supplemental planning, technical and implementation services may provided by qualified subcontractors upon concurrence of the MPA.

5.4 Subcontracted Work.

5.4.1 MES will seek the concurrence of the MPA for subcontracted services not included with this submission.

- 5.4.2 Subcontracted work will be provided on a fixed price basis, with certain of this work performed on an indefinite delivery basis to accommodate variable conditions. Prospective subcontractors will be required to provide supporting materials as needed to enable an assessment of their cost estimates and to establish a basis for tracking performance and deliverables. Principal contractors will be requested to provide payroll burden and overhead rate billing documentation requested by Mr. Hamons letter to MES dated October 5, 2000.
- 5.4.3 Subcontracted services currently needed are included in the attached cost estimate.
- 5.4.4 Subcontractor cost estimates for work not included in this proposal will be obtained from qualified venders and provided to the MPA for approval.

6.0 SCHEDULE

- **6.1 Duration**. The initial tasks under the interagency agreement are proposed to commence for record purposes on January 1, 2000, and to run concurrently with Interagency Agreement between the MPA and MES unless completed earlier.
- **6.2** Schedule. The time frame for subtasks may change based on the availability of supporting materials from other providers, changes in project sponsor planning needs, the results of planning activities, and other related factors.

7.0 DELIVERABLES

- 7.1 Deliverables Required by Interagency Agreement. MES will provide the MPA with financial documentation specified by the Interagency Agreement.
- 7.2 Task Deliverables. MES and MES subcontractors will provide deliverables specified in the attached Scope of Work and additional deliverables that are agreed to by the MPA and MES.

8.0 ACCEPTANCE

8.1 Upon acceptance of this proposal by the MPA, MES will assume responsibility for and undertake the scope of work detailed in this proposal. The MPA will assume responsibility for funding.

9.0 BUDGET.

9.1 Budget.

- 9.1.1 A budget increase of \$1,367,128 is requested for Tasks 1 through 17. The overall budget for these tasks would be increased from \$891,844 to \$2,258,984 as delineated in Attachments 2, 2A and 3.
- 9.1.2 This budget is a planning estimate. Actual level of effort will depend upon the level of services required by the MPA. Changes in the scope of work, including field-level services, and unanticipated conditions would necessitate changes in the cost estimates presented in this proposal.
- 9.1.3 A detailed cost estimate comparison is included as Attachment 3. Cost estimates provided by subcontractors as part of fixed price estimates are included as Attachment 2A.
- 9.1.4 Rental Charges for Certain Resources.
 - 9.1.4.1 The budget includes rental charges for certain equipment that is recorded on MPA capital equipment lists and for which MES holds custodial title for use on MPA-funded projects. The equipment includes vehicles, boats and specialized that would be temporarily reassigned, with MPA concurrence, to support initial implementation of the Poplar Island project.
 - 9.1.4.2 Rental charges cover routine maintenance and repair as well as normal wear on the equipment and are intended to establish the value of services provided by the local sponsor to planning and implementation of the Poplar Island ERP.
 - 9.1.4.3 For planning purposes, rental charges (less direct maintenance and repair at normal rates of wear and fuel expenses) will be charged to the Poplar Island ERP and credited to the MPA project from which the equipment was obtained. For planning purposes, 50 percent of rental rates are allocated to operations, maintenance and repair and will be retained in the Poplar Island ERP budget. The remaining 50 percent will be credited to the MPA source project which funded procurement of the equipment. Equipment assigned to Poplar Island is experiencing abnormal wear due to site specific conditions. High-cost replacement items which are wear dependent and which are experiencing abnormally high wear due to site-specific conditions will be charged as a direct cost to the project rather than as a component of rental rates.
- 9.2 MES Labor. The cost estimate for MES labor is presented in Attachment 3.
 - 9.2.1 An MES overhead rate of 45%, representing the estimated average step-down overhead rate for MPA in FY 2000, is used for planning purposes only to

establish the approximate cost of MES labor for this task. The rate is subject to change based on cost recovery arrangements between the MPA and MES.

- 9.2.2 A fringe rate of 44.1% is applied for indirect costs in FY 01.
- 9.3 MES Labor for Subsequent Outyears, if needed. Cost estimates and budget requests for outyears will be coordinated with the MPA and provided to the MPA for review and approval in advance of need.

9.3 Subcontracted Services.

- 9.3.1 Subcontracted work will be performed on a fixed price basis. MES will obtain negotiated price estimates with supporting backup from qualified contractors.
- 9.3.2 MES will provide the Service's recommendation to the MPA to support evaluation and authorization of requested subcontracted work.

10.0 MODIFICATIONS

10.1 Should unforeseen conditions arise which necessitate work outside the scope of work or budget presented in this proposal, MES will detail those changes to the MPA with an estimate of any additional costs, as necessary and appropriate. Changes to the original scope of work and budget will be documented through correspondence between the MPA and MES and will become part of task and contract documentation.

ATTACHMENT 1

MES SUPPLEMENTAL SCOPE OF WORK WITH JUSTIFICATIONS FOR TASK AMENBMENT #1 FOR TASKS 1 TO 17

ATTACHMENT 1
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Task Amendment Number 1 SUPPLEMENTAL SCOPE OF WORK WITH JUSTIFICATIONS

ENVIRONMENTAL, PLANNING, TECHNICAL AND IMPLEMENTATION SERVICES FOR POPLAR ISLAND ENVIRONMENTAL RESTORATION PROJECT

October 25, 2000

Summary of Previously Authorized Services: The Maryland Environmental Service (MES) and MES subcontractors will continue to provide environmental, planning, technical and implementation services to the federal and local project sponsors of the Poplar Island Environmental Restoration Project (ERP) in support of planning and implementation of the project, habitat development, and subsequent site operations. Services will be those that are mutually agreed to by the MPA (in consultation with the Baltimore District, U.S. Army Corps of Engineers [CENAB]) and MES, and will be provided to the project sponsors through the Maryland Port Administration (MPA).

Sixteen initial tasks (Tasks 1 through 16) and a logistics/general support task in support of planning and implementation activities (Task 17) were included in MES Proposal Number ED-08C-00 dated April 19, 2000, are incorporated by reference. Tasks 1 through 17 were approved by the MPA and initiated under the Interagency Agreement between the MPA and MES. The General Coordinating and Special Instructions contained in MES Proposal No. ED-08C-00 are also incorporated by reference.

MES proposes to continue Tasks 1 through 17 at the increased levels of effort and funding proposed in Attachment 2 and 2A to MES Proposal Number ED-03-01 dated October 25, 2000. MES proposes modifications to the scope of work for selected tasks as presented in this attachment. All seventeen tasks are presented for continuity purposes.

MES services will continue to be provided on a cost recovery basis in accordance with the agreement between the MPA and MES. MES subcontracted services will be provided on a fixed price basis, including certain tasks or portions thereof that may be performed on an indefinite delivery basis not to exceed task budgets authorized by the MPA.

TASK 1 PROJECT PLANNING, TECHNICAL, ENVIRONMENTAL AND ADMINISTRATIVE SERVICES.

Summary of Previously Authorized Services: MES and MES subcontractors will provide qualified staff to assist in the scoping and planning of implementation needs, participate in Poplar Island ERP Joint Planning Team meetings, and to report on the status of tasks for which MES and its subcontractors are providing services. MES and MES subcontractors will provide supplemental planning, environmental, engineering and technical services on request to assist with implementation of the Poplar Island ERP. Subcontracted services, when requested, will be provided on an indefinite delivery basis not to exceed the budget specified for this task.

Requested Modifications:

Subtask 1.1 Joint Planning Team Support.

- Subtask Scope of Work. No change to subtask scope of work.
- <u>Level of Effort</u>: Additional funding is requested for MES and MES subcontractor services through December 31, 2001 per Attachment 2 and 2A. The level of effort required thereafter will be determined at a later date in consultation with the MPA.
- <u>Justification</u>: Planning and implementation for Phase One will need to be extended through the initial inflow; evaluation of underdrain performance; development and evaluation of the wetland test cell; development and refinement of operations, site maintenance, and crust management plans tailored for the facility; planning for wetland cell development; and long-term logistics planning and implementation. Continuing funding is needed for a combination of contract management meetings for the MPA-sponsored MES and MES subcontractor planning and implementation team and for joint team meetings with CENAB. Approximately one meeting per week with preparation time is included for planning purposes for MES and GBA plus one contract management meeting per month with the MPA.

Subtask 1.2 Supplemental Planning, Environmental, Engineering, Technical and Implementation Services.

• <u>Subtask Scope of Work</u>. *NEW PROJECT DOCUMENTATION***REQUIREMENT* requested by the MPA. MES will assemble documentation required by the MPA to support MPA requests for credit for services provided to the project. MES will provide staff as required to support the requested

ATTACHMENT 1
MES Proposal No. ED-03-01
October 25, 2000
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documentation.

- Level of Effort: Additional funding is requested for MES and MES subcontractor services through December 31, 2001 per Attachment 2 and 2A. The level of effort required thereafter will be determined at a later date in consultation with the MPA.
- <u>Justification</u>: Supplemental services not specifically covered by the task scopes of work have been needed in order to respond to unique site-specific conditions and issues and are anticipated to continue to be needed on as needed basis. Modest funding is requested for these contingent items, which will be coordinated with the MPA for concurrence. Also, the MPA has requested additional documentation support from MES to assist in assembling financial information needed by the MPA to obtain credit for MPA-sponsored services for planning and implementation and other project support.

Subtask 1.3 Planning and Task Management for MES Task 1.

- Subtask Scope of Work. No change to subtask scope of work.
- <u>Level of Effort</u>: Additional funding is requested for MES and MES subcontractor services through December 31, 2001 per Attachment 2 and 2A. The level of effort required thereafter will be determined at a later date in consultation with the MPA.
- <u>Justification</u>: Monthly documentation will be required corresponding to reporting requirements to the MPA.

TASK 2 LONG-TERM MONITORING (CENAB Item 1.4)

Summary of Previously Authorized Services: MES will provide long-term monitoring planning and water quality certification support.

Requested Modifications:

Subtask 2.1 CENAB Item 1.4.1 - Long Term Monitoring Framework:

- Subtask Scope of Work. No change to subtask scope of work.
- <u>Level of Effort</u>: Additional funding is requested for completion of MES services.
- <u>Justification</u>: More extensive coordination has been required that was originally projected in order to obtain regulatory agency and resource agency agreement with the monitoring framework.

Subtask 2.2 CENAB Item 1.4.2 - Water Quality.

- Subtask Scope of Work. No change to subtask scope of work.
- Level of Effort: Additional funding is requested for MES per Attachment 2.
- <u>Justification</u>: More extensive coordination has been required that was originally projected in order to obtain regulatory agency approvals for effluent discharge issues.

Subtask 2.3 Planning and Management for MES Task 2/CENAB Item 1.4.

- Subtask Scope of Work. No change to subtask scope of work.
- <u>Level of Effort</u>: Additional funding is requested for MES and MES subcontractor services through December 31, 2001 per Attachment 2.
- <u>Justification</u>: Monthly documentation will be required corresponding to reporting requirements to the MPA.

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TASK 3 DEWATERING, UNDERDRAIN AND PUMPING SYSTEM AND DIKE RAISING PLANNING AND DESIGN (CENAB Item 2.1.2).

Summary of Previously Authorized Services. MES will use Gahagan & Bryant Associates, Inc. (GBA) to prepare a dewatering plan, and to plan and design an underdrain and pumping system and dike raising for Upland Cell Number 2. GBA will utilize existing field data and site-specific knowledge of dewatering and construction activities during construction of Phase One of the Poplar Island ERP to prepare alternative plans, cost estimates, design drawings and specifications needed for dike raising along Upland Cell Number 2 and for an underdrain and pumping system in Upland Cell Number 2 to expedite cell dewatering, enhance consolidation of placed sediment, and optimize cell capacity.

Requested Modifications: GBA will provide additional planning and design services to accommodate alternative schedules, plans, cost estimates, drawings and specifications, and other engineering documents needed for the modified dike raising along Upland Cell Number 2 and for an underdrain and pumping system in Upland Cell Number 2. GBA and GBA subcontractor E2Si will also provide on-site technical support requested by the MPA and CENAB for the dike raising and underdrain installation.

Summary of GBA Subtask Modifications. Please refer to Attachment 1A for requested subcontractor scope of work modifications.

GBA Subtask Scope of Work:

GBA Subtask 2.1.2.a (Data review). No change to subtask scope of work. No budget increase required.

GBA Subtask 2.1.2.b (Planning Studies). No change to subtask scope of work. Additional effort and funding required for dike modifications, access ramps.

GBA Subtask 2.1.2.c (Pumping Systems). No change to subtask scope of work. No additional funding.

GBA Subtask 2.1.2.d (Scheduling). No change to subtask scope of work. Additional effort and funding is needed because of the various modifications in the methods and timing of the underdrain and dike raising activity.

GBA Subtask 2.1.2.e (Design). No change to subtask scope of work. Additional effort and funding needed because of changed dike designs.

GBA Subtask 2.1.2.f (Cost Estimates for Dewatering, Underdrain System and

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Dike Raising). No change to subtask scope of work. No additional funding.

GBA Subtask 2.1.2.g (Plans and Specifications for Dike Raising and Underdrain System). No change to subtask scope of work. No additional funding.

GBA Subtask 2.1.2.h (On-Site Planning & Design Visits and Meetings for Underdrain Installation and Dike Raising). No change to subtask scope of work. Additional level of effort and funding required to provide technical support requested by the MPA and CENAB.

GBA Subtask 2.1.2.i (Task 2.1.2 Planning and Task Management). No change to subtask scope of work. Monthly documentation will be required corresponding to reporting requirements to MES.

<u>Level of Effort</u>: Additional funding is requested for MES, GBA and GBA subcontractor services through December 31, 2001 per Attachment 2 and 2A.

Planning and Task Management for MES Task 3/CENAB Item 2.1.2.

- Subtask Scope of Work. No change to subtask scope of work.
- Level of Effort: Additional funding is requested for MES and MES subcontractor services through December 31, 2001 per Attachment 2 and 2A.
- <u>Justification</u>: Monthly documentation will be required corresponding to reporting requirements to the MPA.

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TASK 4 WETLAND FIELD DATA (CENAB Item 2.1.4)

Summary of Previously Authorized Services. MES will use Gahagan & Bryant Associates, Inc. (GBA) to develop wetland field data. GBA will procure a qualified geotechnical subcontractor and, prior to the first filling operation, collect and analyze geotechnical data from Poplar Island ERP Wetland Cells 1 and 3 and from borrow areas where unsuitable materials were placed during Phase One construction.

Requested Modifications: None.

Summary of GBA Subtask Modifications. None.

TASK 5 BASELINE PSDDF MODELING AND CELL CAPACITIES (CENAB Item 2.1.5)

Summary of Previously Authorized Services. MES will use Gahagan & Bryant Associates, Inc. (GBA) for baseline PSDDF modeling to estimate cell capacities. GBA will use first-hand knowledge of site-specific unique conditions, existing data, and new field data to perform PSDDF modeling to develop and analyze alternative placement procedures.

Requested Modifications: GBA will use first-hand knowledge of site-specific unique conditions, existing data, and new field data to perform additional PSDDF modeling to develop and analyze alternative placement procedures based on changed site scheduling, design and other site modifications. MES will provide additional planning and task management services.

Summary of GBA Subtask Modifications. Please refer to Attachment 1A for requested subcontractor scope of work modifications.

GBA Subtask Scope of Work:

GBA Subtask 2.1.5.a (PSDDF Modeling Plan). No change to subtask scope of work. No additional funding.

GBA Subtask 2.1.5.b (PSDDF Modeling). No change to subtask scope of work. Additional effort and funding required corresponding with changes to CENAB dredging projects for first inflow into Phase I cells.

GBA Subtask 2.1.5.c (Assessment of Dredged Material Elevations). No change to subtask scope of work. Additional effort and funding required to apply PSDDF modeling data.

GBA Subtask 2.1.5.d (Phase One Cell Volume and Capacity Tables). No change to subtask scope of work. Additional effort and funding required to reflect changes to cell volume and capacity.

GBA Subtask 2.1.5.e (Elevations Modeling Report). No change to subtask scope of work. Additional effort and funding required to revise Elevations Modeling Report.

GBA Subtask 2.1.5.f (Task 2.1.5 Planning and Task Management). No change to subtask scope of work. Monthly documentation will be required corresponding to reporting requirements to MES.

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<u>Level of Effort</u>: Additional funding is requested for MES, GBA and GBA subcontractor services through December 31, 2001 per Attachment 2 and 2A.

Planning and Task Management for MES Task 5/CENAB Item 2.1.5.

- Subtask Scope of Work. No change to subtask scope of work.
- <u>Level of Effort</u>: Additional funding is requested for MES and MES subcontractor services through December 31, 2001 per Attachment 2 and 2A.
- <u>Justification</u>: Monthly documentation will be required corresponding to reporting requirements to the MPA.

TASK 6 PLAN AND DESIGN MARSH (CENAB Item 2.1.6)

Summary of Previously Authorized Services. MES will use Gahagan & Bryant Associates, Inc. (GBA) to plan and design Phase One wetland habitat. GBA will use and integrate knowledge of site-specific unique and undocumented as-built conditions, existing data, new field data, and modeling results to develop and analyze alternative placement procedures and their effect on the development of site habitats and site capacity, balancing environmental objectives with engineering capabilities and techniques. GBA will prepare a conceptual habitat construction plan and an evaluative report with analysis and recommendations to guide the development of a Material Placement Plan for the first dredged material placement cycle at the Poplar Island EPR.

Requested Modifications:

• <u>Subtask Scope of Work</u>. No change to subtask scope of work. MES will provide additional coordination and review services and technical support for the below listed subtasks.

GBA Subtask 2.1.6.a (Marsh Construction and Technical Analysis)
GBA Subtask 2.1.6.b(Water Level Control and Effluent Quality Techniques)
GBA Subtask 2.1.6.c (Concept Plan for Marsh Construction)

- <u>Level of Effort</u>: Additional funding is requested for MES services per Attachment 2 and 2A.
- <u>Justification</u>: The uncertainty associated with marsh development and water level control issues and wetland spillway deficiencies resulted in a need for MES technical, coordination and review support above originally estimated levels of effort.

Summary of GBA Subtask Modifications. None. Sufficient funds remain to complete task based on current estimates.

Planning and Task Management for MES Task 6/CENAB Item 2.1.6.

- Subtask Scope of Work. No change to subtask scope of work.
- <u>Level of Effort</u>: Additional funding is requested for MES services per Attachment 2 and 2A.
- <u>Justification</u>: Monthly documentation will be required corresponding to reporting requirements to the MPA.

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TASK 7 MATERIAL MANAGEMENT PLAN FOR FIRST DREDGING CYCLE (CENAB Item 2.1.7)

Summary of Previously Authorized Services. MES will use Gahagan & Bryant Associates, Inc. (GBA) to develop a material management plan for the first dredging cycle. GBA will prepare a material management plan for the first dredged material placement cycle at the Poplar Island ERP.

Requested Modifications: GBA will perform additional planning and design, as requested, for the Material Management Plan for the first dredged material placement cycle at the Poplar Island ERP. This information will be designed to provide the resource needed to facilitate tracking, review and revision of placement plans during placement.

Summary of GBA Subtask Modifications. Please refer to Attachment 1A for requested subcontractor scope of work modifications.

GBA Subtask Scope of Work:

GBA Subtask 2.1.7.a (Placement Methods). No change.

GBA Subtask 2.1.7.b (Phase One Cell Volume and Potential Capacity). No change.

GBA Subtask 2.1.7.c (Wetland Cell Filling Procedures). No change.

GBA Subtask 2.1.7.d (Upland Cell Filling Procedures)

GBA Subtask 2.1.7.e (Material Placement Plan for Dredged Material Placement Cycle). No change.

GBA Subtask 2.1.7.f (Plan and Design Dredged Material Fill Area for Future Use as a Test Plot)

- Subtask Scope of Work. No change to subtask scope of work. GBA will develop a revised placement methodology based on results of GBA Subtasks 2.1.3 through 2.1.6.
- <u>Level of Effort</u>: Additional funding is requested for MES and MES subcontractor services through December 31, 2001 per Attachment 2 and 2A.
- <u>Justification</u>: Changed dredging and placement schedules necessitated revisions to initial deliverables.

GBA Subtask 2.1.7.g (Task 2.1.7 Planning and Task Management). No change to subtask scope of work. Monthly documentation will be required corresponding to reporting requirements to MES.

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<u>Level of Effort</u>: Additional funding is requested for MES, GBA and GBA subcontractor services through December 31, 2001 per Attachment 2 and 2A.

Planning and Task Management for MES Task 7/CENAB Item 2.1.7.

- Subtask Scope of Work. No change to subtask scope of work.
- <u>Level of Effort</u>: Additional funding is requested for MES and MES subcontractor services through December 31, 2001 per Attachment 2 and 2A.
- <u>Justification</u>: Monthly documentation will be required corresponding to reporting requirements to the MPA.

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TASK 8 FILLING SCHEDULE AND QUANTITIES FOR FIRST PLACEMENT CYCLE (CENAB Item 2.1.8)

Summary of Previously Authorized Services: MES will use Gahagan & Bryant Associates, Inc. (GBA) to develop a filling schedule and quantities for the first placement cycle. GBA will obtain and analyze dredging volume data for prospective dredging activity and prepare a filling schedule and quantities estimate that adapts the material management plan from CENAB Task 2.1.7 to receive expected sediment quantities, including overdepth and excess dredging volumes.

Requested Modifications: None.

Summary of GBA Subtask Modifications. None.

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TASK 9 TECHNICAL ASSISTANCE FOR PLANNING FIRST PLACEMENT CYCLE (Time-critical subtasks selected from CENAB Items 2.1 and 2.3)

Summary of Previously Authorized Services: MES and MES subcontractors will provide technical assistance for plans and specifications for the first placement cycle as indicated in the following subtasks.

Requested Modifications: None.

Summary of GBA Subtask Modifications. None.

Summary of MES Requested Modifications:

Subtask 9.1 CENAB Item 2.1.9 – Technical Assistance for Plans and Specifications for Dredging. No change.

Subtask 9.2 CENAB Item 2.1.11 - Water Quality Monitoring.

- Subtask Scope of Work. No change to subtask scope of work.
- <u>Level of Effort</u>: Additional funding is requested for completion of MES services per Attachment 2.
- <u>Justification</u>: Additional effort required to address issues associated with monitoring requirements specified by MDE.

Subtask 9.3 CENAB Item 2.3.15 - Rules and Regulations for Dredging Contractors.

- Subtask Scope of Work. No change to subtask scope of work.
- <u>Level of Effort</u>: Additional funding is requested for completion of MES services per Attachment 2.
- <u>Justification</u>: Additional effort required over that originally estimated to address site-specific issues.

Subtask 9.4 CENAB item 2.3.16 - Unexploded Ordnance Polices and Procedures.

• Subtask Scope of Work. No change to subtask scope of work.

- <u>Level of Effort</u>: Additional funding is requested for completion of MES services per Attachment 2.
- <u>Justification</u>: Additional effort required to respond to requests for CENAB requested modifications of deliverable.

Subtask 9.5 CENAB Item 2.3.17 - Reports and Documentation Assessment.

- Subtask Scope of Work. No change to subtask scope of work.
- <u>Level of Effort</u>: Additional funding is requested for completion of MES services per Attachment 2.
- <u>Justification</u>: Additional effort beyond that originally estimated will be needed to complete the task.

Subtask 9.6 Water Appropriation Permit (no CENAB Item Number).

- Subtask Scope of Work. No change to subtask scope of work.
- <u>Level of Effort</u>: Additional funding is requested for completion of MES services per Attachment 2.
- <u>Justification</u>: Additional effort beyond that originally estimated will be needed to complete the task.

Subtask 9.7 Planning and Task Management for MES Task 9

- Subtask Scope of Work. No change to subtask scope of work.
- <u>Level of Effort</u>: Additional funding is requested for MES and MES subcontractor services through December 31, 2001 per Attachment 2 and 2A.
- <u>Justification</u>: Monthly documentation will be required corresponding to reporting requirements to the MPA.

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TASK 10 SITE SUPPORT AND LOGISTICS (CENAB Item 2.2)

Summary of Previously Authorized Services. MES will provide various site support and logistics planning services.

Requested Modifications: None for the following MES subtasks.

Subtask 10.1 CENAB Item 2.2.1 - Buildings.

Subtask 10.2 CENAB Item 2.2.2 - Offloading Dock.

Subtask 10.3 CENAB Item 2.2.3 - Public Observation Structure

Subtask 10.4 CENAB Item 2.2.3 - Phone/Power

Subtask 10.5 CENAB ITEM 2.2.6 - Navigation Aids

Subtask 10.6 CENAB Item 2.2.7 - Fuel Supply

Subtask 10.7 CENAB Item 2.2.8 - Transportation

Subtask 10.8 CENAB Item 2.2.9 - Communications Plan

Subtask 10.9 CENAB Item 2.2.10 - Land Base

Subtask 10.10 Planning and Task Management for MES Task 10

Summary of GBA Subtask Modifications. None.

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TASK 11 CENAB Item 2.3.5 - DESIGN CRUST MANAGEMENT PLAN

Summary of Previously Authorized Services. MES will prepare a comprehensive concept plan for crust management of the upland cells of the Poplar Island ERP. The concept plan will be designed to provide the framework for the preparation of individual crust management plans that will be needed for each dredging cycle to address site-specific needs relative to planned placement activity.

Requested Modifications:

Subtask 11.1 Crust Management Concept Plan for Long-Term Site Operations. No change to scope of work or budget.

Subtask 11.2 Operations Planning and Documentation.

- <u>Subtask Scope of Work</u>. NEW SUBTASK for operations planning and documentation support requested by the MPA to include an outline for an operations plan/manual, and development of a plan or manual, if requested.
- <u>Level of Effort</u>: Additional funding is requested for MES and MES subcontractor services through December 31, 2001 per Attachment 2.
- <u>Justification</u>: Additional operations planning services requested by the MPA.

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TASK 12 PHRAGMITES CONTROL (CENAB Item 3.1)

Summary of Previously Authorized Services. MES will monitor and report on the growth of Phragmites and, if requested, other invasive species. MES will, upon request provide Phragmites eradication services using MES and subcontracted services. Services will be provided by MES and MES subcontractors on an indefinite delivery basis not to exceed the budget specified for this task in order to accommodate uncertainty associated with the voluntary growth and eradication of invasive species. Actual services may vary from those indicated by mutual agreement in coordination with project sponsors in response to variable on-site conditions. Cost estimates may be revised as may be necessary to reflect these uncertainties before work begins on individual subtasks.

Requested Modifications: None to scope of work or budget.

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TASK 13 VEGETATIVE MANAGEMENT TECHNICAL ANALYSIS (CENAB Item 3.2)

Summary of Previously Authorized Services. MES will use Gahagan & Bryant Associates, Inc. (GBA) and GBA subcontractors to prepare and provide a vegetative management technical analysis. The analysis will review time-critical vegetation issues that need to be addressed prior to the first filling cycle in order to develop related filling guidelines. MES will modify the preliminary Habitat Development Framework Guidance Document that was previously prepared to incorporate existing site conditions. The results will be utilized in support of CENAB Task Items 2.1.7 and 2.1.9. MES will also provide technical review services and coordination with working groups in support of this task.

Requested Modifications: GBA will provide additional vegetative management technical analysis. The analysis will review time-critical vegetation issues that need to be addressed prior to the first filling cycle in order to develop related filling guidelines. The results will be utilized in support of CENAB Items 2.1.7 and 2.1.9. Additional coordination and review required by MES.

Summary of GBA Subtask Modifications:

GBA Subtask Scope of Work:

Subtask 13.1 CENAB item 3.2.1 - Preliminary Vegetative Management Analysis. No change to subtask scope of work or budget.

Subtask 13.2 CENAB 3.2.2 – Hydraulic Analysis for Flow and Channel Geometry for Wetland Development.

- Subtask Scope of Work. EXPANDED TASK. GBA will provide additional hydraulic analysis for flow and channel geometry for wetland development per Attachment 1A.
- <u>Level of Effort</u>: Additional funding is requested for MES and GBA technical, analytical and review services through December 31, 2001 per Attachment 2 and 2A.
- <u>Justification</u>: Modification to wetland development cell necessitate substantially revised hydraulic analysis.

Subtask 13.3 Planning, Technical Review, and Task Management for MES Task 13/CENAB item 3.2.

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- Subtask Scope of Work. No change to subtask scope of work.
- <u>Level of Effort</u>: Additional funding is requested for MES and MES subcontractor services through December 31, 2001 per Attachment 2 and 2A.
- <u>Justification</u>: Monthly documentation will be required corresponding to reporting requirements to the MPA.

Subtask 13.4 Habitat Development Framework.

- <u>Subtask Scope of Work</u>. No change to scope of work. MES will provide additional technical development services requested by project sponsors.
- <u>Level of Effort</u>: Additional funding is requested for MES technical services per Attachment 2.
- <u>Justification</u>: Needed to complete tasks with revisions per requests from project sponsors.

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TASK 14 VEGETATIVE PLANNING (CENAB Item 3.3)

Summary of Previously Authorized Services. MES will use Gahagan & Bryant Associates, Inc. (GBA) and qualified subcontractors to provide technical support to the project sponsors to assist in vegetative planning for site-specific conditions. The objective of this task is to establish vegetation testing criteria and design parameters for the future development wetland habitat in the wetland cells, drawing on first-hand knowledge of undocumented as-built and other site-specific conditions, habitat objectives for the project, and associated technical advice from pertinent advisory groups and technical experts. MES will provide technical review services and coordination with working groups in support of this task.

Requested Modifications: GBA will provide additional technical support to the project sponsors through MES to assist in vegetative planning for site-specific conditions. The objective of this task is to establish vegetation testing criteria and design parameters for the future development of wetland habitat in the wetland cells, drawing on first-hand knowledge of undocumented as-built and other site-specific conditions. MES will provide additional technical support, review and task management services.

Summary of GBA Subtask Modifications. Please refer to Attachment 1A for requested subcontractor scope of work modifications.

GBA Subtask Scope of Work:

GBA Subtask 3.1.1 - CENAB Item 3.3.1 (Design Test Plant Zones). No change to subtask scope of work or budget.

GBA Subtask 3.3.2 - CENAB Item 3.3.2 (Review, Plan and Design Nursery). No change to scope of work. Additional effort needed per Attachment 1A.

GBA Subtask 3.3.3 - CENAB Item 3.3.3 (Preliminary Vegetation Design). No change to scope of work. Additional effort required to address site-specific and area-specific issues.

<u>Level of Effort</u>: Additional funding is requested for MES, GBA and GBA subcontractor services through December 31, 2001 per Attachment 2 and 2A.

Subtask 14.4 Planning, Technical Review, and Task Management for MES Task 14/CENAB Item 3.3.

• Subtask Scope of Work. No change to subtask scope of work.

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- Level of Effort: Additional funding is requested for MES and MES subcontractor services through December 31, 2001 per Attachment 2 and 2A.
- <u>Justification</u>: Monthly documentation will be required corresponding to reporting requirements to the MPA.

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TASK 15 CENAB Item 5.2 – PUBLIC MEETINGS TECHNICAL AND MEETING SUPPORT

Summary or Previously Authorized Services. MES will, upon request, provide qualified staff to provide public relations support that is mutually agreeable to the MPA and MES in response to requests for these services from the MPA on behalf of the project sponsors.

Requested Modifications:

Subtask 15.1 Public Meetings Technical and Meeting Support - CENAB Item 5.2.

- Subtask Scope of Work. No change to subtask scope of work.
- <u>Level of Effort</u>: Additional funding is requested for MES and MES subcontractor services through December 31, 2001 per Attachment 2. The level of effort required thereafter will be determined at a later date in consultation with the MPA.
- <u>Justification</u>: Additional support as required to support project sponsors public involvement and information activities for the project.

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TASK 16 INTERORGANIZATIONAL SUPPORT (CENAB Item 5.4)

Summary of Previously Authorized Services: MES will, upon request, provide qualified staff to provide inteogranizational support that is mutually agreeable to the MPA and MES in response to requests for these services from the MPA on behalf of the project sponsors.

Requested Modifications:

Subtask 16.1 CENAB Item 5.4.1 - Poplar Island Habitat Sub-Group.

- Subtask Scope of Work. No change to subtask scope of work.
- <u>Level of Effort</u>: Additional funding is requested for MES services through December 31, 2001 per Attachment 2. The level of effort required thereafter will be determined at a later date in consultation with the MPA.
- <u>Justification</u>: Additional support as required to support interorganizational coordination in support of project implementation by project sponsors.

Subtask 16.2 CENAB Item 5.4.2 - Poplar Island Monitoring Sub-Group.

- Subtask Scope of Work. No change to subtask scope of work.
- <u>Level of Effort</u>: Additional funding is requested for MES and MES subcontractor services through December 31, 2001 per Attachment 2. The level of effort required thereafter will be determined at a later date in consultation with the MPA.
- <u>Justification</u>: Additional support as required to support interorganizational coordination in support of project implementation by project sponsors.

Subtask 16.3 CENAB Item 5.4.3 - Poplar Island Working Group.

- Subtask Scope of Work. No change to subtask scope of work.
- <u>Level of Effort</u>: Additional funding is requested for MES and MES subcontractor services through December 31, 2001 per Attachment 2. The level of effort required thereafter will be determined at a later date in consultation with the MPA.

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• <u>Justification</u>: Additional support as required to support interorganizational coordination in support of project implementation by project sponsors.

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TASK 17 PLANNING AND IMPLEMENTATION LOGISTICS AND GENERAL SUPPORT (No CENAB Item Number)

Summary of Previously Authorized Services. MES may provide logistics and general support from MES resources and contracted services as may be necessary and appropriate to support the performance of environmental, planning, technical and implementation services included in this Scope of Work. These services may by primary or supplemental in nature, and may include but are not necessarily limited to:

Requested Modifications:

Subtask 17.1 Vehicle Lease/Rental Service

- Subtask Scope of Work. No change to subtask scope of work.
- Level of Effort: As required. Additional funding is requested for MES and MES subcontractor services through December 31, 2001 per Attachment 2. The level of effort required thereafter will be determined at a later date in consultation with the MPA.
- <u>Justification</u>: Continuing vehicle support for logistics support and on-site transportation will be required to support continuing planning and implementation services and Quality Assurance/Quality Control (QA/QC) technical support to Poplar Island ERP Phase II construction by the MPA, MES and MES subcontractors. The logistics support may also be provided on a cost recovery basis in support of MES and MES subcontractors providing spillway operations, environmental monitoring and other support to the MPA and CENAB for the initiation of cell filling.

Subtask 17.2 Boat Service/Rental

- Subtask Scope of Work. No change to subtask scope of work.
- <u>Level of Effort</u>: As required. Additional funding is requested for MES and MES subcontractor services through December 31, 2001 per Attachment 2. The level of effort required thereafter will be determined at a later date in consultation with the MPA.
- <u>Justification</u>: Continuing marine access services will be required to support continuing planning and implementation services and Quality Assurance/Quality Control (QA/QC) technical support to Poplar Island ERP Phase II construction by

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the MPA, MES and MES subcontractors. The marine access support may also be provided on a cost recovery basis in support of MES and MES subcontractors providing spillway operations, environmental monitoring and other support to the MPA and CENAB for the initiation of cell filling.

Subtask 17.3 Other Logistics Support

- <u>Subtask Scope of Work. NEW SUBTASK REQUESTED</u> in order to provide continuing logistics, land base, and other logistics support in conjunction with the phase out and completion of Task 18 through which these services have been primarily provided to date.
- <u>Level of Effort</u>: As required from MES and MES subcontractors through December 31, 2001 per planning estimate contained in Attachment 2. The level of effort required thereafter will be determined at a later date in consultation with the MPA.
- <u>Justification</u>: Continuing logistics services will be required to support continuing planning and implementation services and Quality Assurance/Quality Control (QA/QC) technical support to Poplar Island ERP Phase II construction. The logistics support may also be provided on a cost recovery basis in support of MES and MES subcontractors providing spillway operations, environmental monitoring and other support to the MPA and CENAB for the initiation of cell filling.

Subtask 17.4 Special Equipment

- Subtask Scope of Work. NEW SUBTASK REQUESTED in order to provide support from special equipment following the phase out and completion of Task 18 through which these services have been primarily provided to date.
- Level of Effort: Additional funding is requested for MES and MES subcontractor services through December 31, 2001 per Attachment 2. The level of effort required thereafter will be determined at a later date in consultation with the MPA.
- <u>Justification</u>: Use of specialized equipment maintained for MPA dredged material management projects by MES and other specialized equipment is anticipated to support wetland development testing, dike maintenance and repair, and other planning and implementation activities. Special equipment needs are also anticipated in support of MES and MES subcontractors providing spillway operations, environmental monitoring and other support to the MPA and CENAB

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for the initiation of cell filling. Support for these latter activities would be on a cost recovery basis.

Subtask 17.5 vacant (reserved for future needs)

ATTACHMENT 1A

MES SUBCONTRACTOR SUPPLEMENTAL SCOPE OF WORK

October 12, 2000

Mr. Wayne Young Maryland Environmental Service 2011 Commerce Park Drive Annapolis, MD 21401

Re: Poplar Island Restoration Project Site Development Plan MES Proposal No. ED-08B-00
Request for Additional Budget for the ("First Stage Additional Budget")
Period June 1, 2000 through December 31, 2001.

Dear Mr. Young:

Please find attached herewith our documentation of requested additional work and request for additional budget for the above referenced work, to continue to provide engineering and technical planning services for existing tasks through 2001.

A significant addition level of effort for general and specific tasks for planning has been requested by MES, MPA and CENAB. The attached text describes the additional requested work and justification, by task and sub task. The attached budget estimates outline the existing tasks, which required additional effort to date, and projections through December 31, 2001.

In the interim we do hereby request to reprogram available budget line items to allow for actual billings to date.

If you have any questions regarding this request, please feel free to contact me.

Very Truly Yours, GAHAGAN & BRYANT ASSOCIATES, INC.

Dennis C. Urso, P.E. Vice President.

GBA TASK 1: PROJECT PLANNING SERVICES

SUMMARY: Addition level of effort for planning has been requested by MES, MPA and CENAB. In order to perform additional requested work GBA will provide additional qualified staff to assist in the scoping and planning of implementation needs, participate in Poplar Island ERP Joint Planning Team meetings and to report on the status of tasks for which GBA and GBA subcontractors are providing services.

Task 1.1 Additional Joint Planning Team Support. GBA will, attend additional Pre Joint Planning Team meetings, CENAB Joint Planning meetings and other planning meetings (Approximately 60 additional meetings). GBA will, attended additional Pre Joint Planning Team Site Visits (Approximately 15 additional site visits).

GBA will prepare additional documentation, to include: Agenda, schedules, attendance, minutes, revisions to minutes, distribution of minutes, plan drawings, power point presentations, and other documents for Joint Planning Team meetings.

Task 1.2 Supplemental Engineering and Technical Services. Because of the unique and dynamic nature of Poplar Island site conditions and implementation needs, it is anticipated that additional tasks will be developed and requested on an as needed basis. In order to accommodate these prospective needs, GBA and GBA subcontractors, will, upon request, provide additional engineering and technical services and work products for work not forecasted at the time this scope of work was prepared. Certain logistics support for field-level engineering planning and implementation activities may also be provided through this subtask to the extent not otherwise available through other tasks and subtasks or from other sources associated with various Poplar Island ERP activities.

Task 1.3 Planning and Task Management.

GBA will provide additional task management documents and justifications. GBA will attend additional task management meetings with MPA, MES and CENAB as requested (approximately 8 additional meetings).

DELIVERABLES: GBA will provide:

- Agendas and minutes for Joint Planning meetings.
- Qualified staff to attend Joint Planning Team meetings and site visits.
- Summary documentation of meetings and site visits, if requested.
- Cost estimates for supplemental engineering and technical services.
- Supplemental engineering and technical service work products.
- Monthly Summary Progress Reports concurrently with invoices.
- Supporting Documentation as requested.



GBA Task 2.2.1: DEWATERING, UNDERDRAIN AND PUMPING SYSTEM AND DIKE RAISING PLANNING AND DESIGN

SUMMARY: GBA will provide additional planning and design services to accommodate alternative schedules, plans, cost estimates, drawings and specifications, and other engineering documents needed for the modified dike raising along Upland Cell Number 2 and for an underdrain and pumping system in Upland Cell Number 2.

Subtask 2.1.2.b Planning Studies. GBA will provide planning and technical assistance, including drawings, sections and area volume calculations, for the following:

- o Raised dike modifications at and around the existing and future/modified spillways for upland cell no. 2.
- o Access ramps to the raised dike to spillways and to the interior 12ft bench along upland cell no. 2.
- O Drainage swale along the exterior toe of the raised dike section at elevation +10.

GBA will prepare plan drawings outlining the above. GBA will prepare and coordinate dike profiles and cross sections to document as built conditions of the raised dike.

Subtask 2.1.2.d Scheduling. Because of the various modifications in the methods and timming for this work, additional production estimates, scheduling and project schedules were prepared. GBA and GBA sub consultants will prepare and provide additional schedules and updates of scedules in Microsoft Project compatible with MPA, MES and CENAB software for underdrain and dewatering system, dike raising, and forecasted dredged material placement.

Subtask 2.1.2.e Design. Because of changed raised dike designs, additional cross sections, area and volume computations for cut and fill quantities, material balances, and plan drawings for the various dike raising alternatives will be prepared.

Subtask 2.1.2.h GBA Task 2.1.2 Planning On Site Meetings and Design Meetings Because of changed schedules, methods and critical timming, GBA and GBA sub consultants will provide additional on site staff for meetings and visits for underdrain and pumping system and dike raising (GBA approximately 10 meetings, and 10 site visits) (Sub consultants 20 days over 5 months about 1 day per week).

Subtask 2.1.2.i Planning and Task Management. GBA will document task status in sufficient detail to substantiate services provided and associated charges. This will normally be accomplished through monthly progress reports. The progress report shall consist of a standardized format that reports percentage completion for subtasks and deliverables. Supporting materials will be provided upon request to MES if necessary to satisfy MES and MPA task performance and accounting requirements.

DELIVERABLES: GBA will provide:

- By Weekly Schedule Updates with all significant activities
- Profiles, plans and cross sections for dike raising (report)
- Meeting Summaries and Site Visit Summary Reports (memo)

GBA Task 2.1.5: BASELINE PSDDF AND CELL CAPACITIES

SUMMARY: GBA will use first-hand knowledge of site-specific unique conditions, existing data, and new field data to perform Additional PSDDF modeling to develop and analyze alternative placement procedures based on changed site scheduling, design and other site modifications.

Subtask 2.1.5.b PSDDF Modeling. GBA will perform additional PSDDF modeling according to the revised PSDDF modeling plan for various dredged material lifts for two specific material sources (Tolchester and Brewerton dredging projects) as well as runs associated with having just Brewerton material placed. Additional model runs to analyze bulking and shrinkage characteristics of maintenance materials as requested by CENAB. Additional model runs will be performed, as requested to:

- 1) Simulate higher solids content at decant (as observed at other sites)
- 2) Simulate the effect of underdrains in cells 2S and 2M
- 3) Allow for the change in geometry and location of the 3D development cell
- 4) Allow for the removal of bird island(s) within 3D
- 5) Allow for the various changed dike raising geometries
- 6) Allow for unsuitable excavation material to be placed in cell 3.

Dr Znidarcic, with the University of Colorado, was requested to perform additional laboratory consolidation testing on various channel materials to assess various solids content at decant. Further, Dr Znidarcic was requested to perform peer review model runs using CONDESO to compare to random PSDDF runs, as well as a quality control check on the underdrains run for cells 2S and 2M.

Subtask 2.1.5.c Assessment of Dredged Material Elevations. GBA will use the additional data from PSDDF modeling and existing bottom contours of each cell to project and estimate material elevations (for various alternatives and various percentage of low and high marsh) using Terromodel TIN modeling software.

Subtask 2.1.5.d Phase One Cell Volume and Capacity Tables. GBA will prepare additional cell volume and capacity tables that integrate and use bathymetry, topographic data, and aerial photography to compute cell volumes and project cell capacities, based on the above stated changes.

Subtask 2.1.5.e Elevations Modeling Report. GBA will prepare revise the letter report documenting the results of PSDDF modeling and the assessment of dredged material elevations, including cell volume and capacity tables, evaluations, analysis and recommendations, based on above stated changes.

Subtask 2.1.5.f GBA Task 2.1.5 Planning and Task Management.

• GBA will provide additional task status in sufficient detail to substantiate services provided and associated charges. This will normally be accomplished through monthly progress reports. The progress report shall consist of a standardized format that reports percentage completion for subtasks and deliverables. Supporting materials will be provided upon MES request if necessary to satisfy MES and MPA task performance and accounting requirements.

DELIVERABLES: GBA will provide the following

- Revised Cell Volume and Capacity Tables (memo)
- Revised Letter Report for Elevations Modeling (report)
- Additional Meeting Summaries (memo)

GBA will provide the following directly to MES:

- Monthly Summary Progress Reports concurrently with invoices.
- Supporting Documentation, if requested.

GBA Task 2.1.7: MATERIAL MANAGEMENT PLAN FOR FIRST DREDGING CYCLE

SUMMARY: GBA will perform additional planning and design, as requested, for the Material Management Plan for the first dredged material placement cycle at the Poplar Island ERP. This information will be designed to provide the resource needed to facilitate tracking, review and revision of placement plans during placement.

Subtask 2.1.7.f Plan and Design Dredged Material Fill Area for Future Use as a Test Plot. GBA will use the additional and revised results of CENAB Items 2.1.3 through 2.1.6 to identify revised placement methodology that is suitable for inflows projected by the MPA and CENAB which supports habitat development objectives to the maximum extent practicable, including the potential need for multiple filling cycles for the wetland cells to achieve desired elevations. To this end, GBA will identify the revised fill areas for future use as a development cell. The dredged material fill area will be designed to accommodate circulation of water needed to support growth of wetland plants in the development cell.

Subtask 2.1.7.g GBA Task 2.1.7 Planning and Task Management.

GBA will provide additional task status in sufficient detail to substantiate services provided and associated charges. This will normally be accomplished through monthly progress reports. The progress report shall consist of a standardized format that reports percentage completion for subtasks and deliverables. Supporting materials will be provided upon MES request if necessary to satisfy MES and MPA task performance and accounting requirements.

DELIVERABLES: GBA will provide the following deliverables concurrently to MES, the MPA and CENAB in order to facilitate action for this subtask. Final reports and materials containing drawings will be provided in written form. Unless otherwise directed, other materials may be provided electronically as electronic files attached to email.

- Graphs and Tables of Cell Volume and Capacity Projections (memo)
- Material Placement Plan for First Placement Cycle Including Cell Filling Procedures (memo)
- Plan and Design for Development Cell (memo and drawings)
- Meeting Summaries and Site Visit Reports



GBA Subtask 3.2: VEGETATIVE MANAGEMENT TECHNICAL ANALYSIS

SUMMARY: GBA will provide additional vegetative management technical analysis. The analysis will review time-critical vegetation issues that need to be addressed prior to the first filling cycle in order to develop related filling guidelines. The results will be utilized in support of CENAB Items 2.1.7 and 2.1.9.

Subtask 3.2.1 Additional Vegetative Management Analysis.

GBA will revise the vegetation management report. GBA will define the biologically derived target marsh elevations, utilizing high precision GPS surveys. Surveys will include examining several reference sites used as reference wetlands used by the USFWS. GBA will prepare a letter report providing the elevation survey data and the analysis leading to the determination of the target elevation for the Poplar Island wetland cells.

GBA will further examine the effects of drying dredged materials on vegetation success, and will include an additional literature review as well as coordinate with qualified soils scientists.

Subtask 3.2.2 Additional Hydraulic Analysis for Flow and Channel Geometry for Wetland Development. GBA will provide hydrologic planning for the wetland development cell, addressing changes in cross dike alignment, changes to the surface TIN based on revised PSDDF runs, biologically determined target elevations, datum issues, consideration of spillway discharge during crust management, and removal of and changes of slope to bird islands within the development cell. GBA will address the changing inflow material and its impacts on channel flow and geometry design and sedimentation. GBA will also provide biological review of the proposed channel geometry.

Subtask 3.2.3 GBA Task 3.2.3 Planning and Task Management.

• GBA will provide additional task status in sufficient detail to substantiate services provided and associated charges. This will normally be accomplished through monthly progress reports. The progress report shall consist of a standardized spreadsheet in cost estimate format that documents the data and calculations used to determine invoice charges. Supporting materials will be provided upon MES request if necessary to satisfy MES and MPA task performance and accounting requirements.



DELIVERABLES: GBA will provide the following deliverables concurrently to MES, the MPA and CENAB in order to facilitate action for this subtask. Final reports and materials containing drawings will be provided in written form. Unless otherwise directed, other materials may be provided electronically as electronic files attached to email.

- Revised Vegetative Management Analysis (letter report)
- Additional Meeting Summaries (memo)
- Revised Hydraulic modeling plan (memo)
- Revised Model calibration memo (memo)
- Revised Hydraulic Modeling Report (letter report)

GBA will provide the following directly to MES:

- Monthly Summary Progress Reports concurrently with invoices.
- Supporting Documentation, if requested.

GBA Task 3.3: VEGETATIVE PLANNING

SUMMARY: GBA will provide additional technical support to the project sponsors through MES to assist in vegetative planning for site-specific conditions. The objective of this task is to establish vegetation testing criteria and design parameters for the future development of wetland habitat in the wetland cells, drawing on first-hand knowledge of undocumented as-built and other site-specific conditions.

Subtask 3.3.3 Preliminary Vegetation Planning. Additional planning will incorporate the new definition of marsh elevations based on benchmark surveys, Additional coordination with GPI to address unresolved tidal datum and its impacts on the benchmark marsh survey will be required. Attendance at additional meeting by GBA staff and qualified subcontractors to address target elevations, analysis of tidal exchange and water circulation channels and planting design for the development cell will be required. An examination of the use of seeding as a method for establishing Spartina alterniflora shortly after the first inflow will be examined. Implication of selecting seeding as a planting method on acquiring plant stock, including the time window(s) for collection, will be addressed. An analysis of the ratio of water to marsh in salt marshes of the Chesapeake Bay will be conducted using image analysis of aerial photography. The resulting water to marsh ratios will be incorporated into the preliminary marsh plan and water circulation/channel geometry plan.

Subtask 3.3.4 GBA Task 3.3 Planning and Task Management.

• GBA will provide additional task status in sufficient detail to substantiate services provided and associated charges. This will normally be accomplished through monthly progress reports. The progress report shall consist of a standardized spreadsheet in cost estimate format that documents the data and calculations used to determine invoice charges. Supporting materials will be provided upon MES request if necessary to satisfy MES and MPA task performance and accounting requirements.

DELIVERABLES: GBA will provide the following deliverables concurrently to MES, the MPA and CENAB in order to facilitate action for this subtask. The list of deliverables is included for planning purposes and is subject to change based on the work that is authorized by the MPA on behalf of project sponsors. Final reports and materials containing drawings will be provided in written form. Unless otherwise directed, other materials may be provided electronically as electronic files attached to email.

- Additional Revised Development Cell Report (letter report)
- Revised Vegetation Preliminary Report (report)
- Additional Meeting Summaries (memo)



ATTACHMENT 2

MES COST ESTIMATE FOR TASK AMENDMENT #1 FOR TASKS 1 TO 17

ENVIRONMENTAL, PLANNING, TECHNICAL AND IMPLEMENTATION SERVICES FOR POPLAR ISLAND ENVIRONMENTAL RESTORATION PROJECT

Requested Budget Increase for Tasks 1 - 17 through December 31, 2001

									ES LABOR											Work Performed
Catagoni	Employee	TASK 1	TASK 2	TASK 3	TASK 4	TASK 5	TASK 6	TASK 7	TASK 6	TASK 9	TASK 10	TASK 11	TASK 12	TASK 13	TASK 14	TASK 15	TASK 16	TASK 17	Cost	
Category	Employee	i ASK I	1231.2	1200.3	1721,4	-120113-	-17000	1,201.												
Project Director/Senior Planner	Wayne Young	\$24,298	\$259	\$889	\$0	\$74	\$185	\$370	\$0	\$815	\$0	\$1,482	\$0	\$74	\$222	\$889	\$0	\$444		Project/Operations Planning, Contract Oversight, Tech. Review
	see note at right	\$34,139	\$499	\$1,219	\$0	\$443	\$720	\$554	\$0	\$1,358	\$0:	\$222	\$0 \$0	\$443	\$610	\$1,108	\$778	\$2,438		Project Management, Ops Planning, Geotech Eng.
	Cecetie Donovan	\$2,339	\$3,509	\$0	\$0	sol	\$1,170	\$0	\$0	\$936	\$0	\$234		\$1,170	\$1,170	\$2,339	\$4,912	20		Environmental Science/Monitoring
Environmental Scientist	Tammy Banta	\$626	\$0	\$0	so	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	201	\$620	Environmental Science/Monitoring
!		l i	- 1	!	1	1	ŀ			- 1		1	- 1		- 1	i	-	li li		Atternate Project Manager, Environmental Science. Position will be backfilled or
, n a		\$9,745	\$1,989	so	920	so	\$994	so	\$0	\$895	\$o	\$398	so	\$398	\$597	\$1,989	\$3,083	\$398	\$20,485	hours reprogrammed to others upon assignment as project manager.
Alt. Project Manager/ Env. Scientist	Steve Storms	35,740	\$1,000	•	~	~	••••	~	· 1					- 1	i					Contracting Planning and Documentation and Mgt. Support; Note: Position being
Project Management Specialist	see note at right	\$14,188	so	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,312	\$17,480	
	Melissa Slatnik	\$2,830	\$2,461	\$369	\$0	\$123	\$615	\$248	SO.	\$369	\$0	\$0	\$0	\$738	\$369	\$369	\$2,153	\$369		Task Mgt.Support/Env. Science/Geology
Environmental Specialist	Sue Kelly	\$390	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	- \$0	\$0	\$0	\$0	\$0	\$0	3011		Environmental Science/Biology Environmental Technical/Inspection, Phragmites Control
Environmental Specialist	Tom Humbles	\$669	\$268	\$0	so	\$0	\$0	\$0	\$0	\$134	\$0	\$0	\$0	\$0	\$0	\$0	\$0	20		Environmental Technical Environmental Technical
Environmental Specialist	Erika Kehne	\$298	\$0	\$0	· \$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0 \$0	30		Environmental Technical/Inspection
Environmental Specialist	Doug Taylor	\$327	\$218	\$0j	\$0	\$0	\$0	\$0	\$0	\$109	\$0	\$0	\$0	\$0	\$0	\$0	\$1,936	30		Environmental Technical
Environmental Specialist	Gwen Neets	\$332	\$553	\$0	\$0	\$0	\$553	\$0	\$0	\$0	\$0	SO	\$0	\$664	\$553 \$0	\$332 \$0	\$1,930	30 \$0		Engineering Planning and Review
	William Chicca	\$3,956	\$0	\$2,435	\$0	\$0	\$0	\$0	\$0	\$0 \$0	\$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0	sol	so		Construction Planning
	Larry Watsh	\$712	\$0	\$0	20	\$0	\$0	\$0	\$0	201	\$0 \$0	\$0 \$0	50	50	301	\$0	so	sol		Engineering Design Evaulation, Cost Estimates
Engineer, Civil	David Foster	\$471	\$0	\$0	20	\$0	\$0	\$0	\$0	20	20	30	30	30	30	•0	- 1	•		Civil and Dredging Engineering, Surveys, Nota: S. Moore until 11/16; position
Engineer, Civil	see note at right	\$14,163	so	\$1,295	5 0	\$173	\$345	\$3 45	so	\$173	so	\$518	\$o	so	\$0	\$173	so	\$864		being filled
	Les Shaw	\$475	\$0	\$0	20	So	\$0	SO	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		Engineering Design Evaulation, Cost Estimates
Engineer, Civil	Charles Peng	\$385	\$0	so	so	so	\$0	\$0	\$0:	so	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		Engineering Design Evaulation, Cost Estimates
	Ellis Heath	\$767	\$0	so	\$0	\$0	02	so	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		Construction Engineering
Operations Field Supervisor	Allen West	\$728	\$0	sol	\$0	\$0	\$0	sol	\$0	\$0	\$0	. \$146	\$0	\$0	\$0	\$0	\$0	\$0		Field Operations Planning
Environmental Oredging Tech	James Tracy	\$1,848	loz	sol	\$0	sol	\$0	sol	\$0	\$0	\$0	\$123	\$0	\$0	\$0	\$0	\$0	\$ 618		Environmental Technical Support
	Chris Norris	\$846	\$212	\$0	SO	\$0	s oi	\$0	\$0	\$85	\$0	\$0	\$0	\$338	\$0	\$169	\$212	\$0		CAD Drawings, Document Preparation
	Mark Cohoon	\$798	\$0	so	\$0	\$0	so	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$180	\$160	\$0		CAD Drawings, Document Preparation
Marine Operations Specialist	Jeffrey Pitts	\$930	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		Marine Operations, Construction Inspection
Co-op	Brian Wolff	\$0	· sol	\$0	\$0	\$0	\$0	so	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Engineering Technical Support Boat/Equipment Operation. Service by various field personnel.
Boat/Equipment Operator	various	\$600	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	SO.		\$0	\$0	\$01	\$7,528	\$180 \$13,411	\$57,600 \$66,041	\$56,360 \$242,248	BoarEquipment Operation. Service by various new personner.
Labor Sub-Total		\$116,840	\$9,967	\$6,207	S O	\$813	\$4,584	\$1,516	\$0	\$4,872	\$0	\$3,122	\$0	\$3,825	\$3,520	\$1,528	313.411	300,041]]	3242,240	
	,													£4.607	\$1,553	\$3,320	\$5,914	\$29,124	\$106,831	
Fringe @ 44.1% of labor (FY01 rate)		\$51,527	\$4,395	\$2,737	\$0	\$359	\$2,021	\$669	\$0	\$2,149	\$0			\$1,687 \$1,721	\$1,584	\$3,388	\$6,035	\$29,719	\$109,012	·
Overhead @ 45% of labor		\$52,578	\$4,485	\$2,793	\$0 \$0	\$366 \$1,538	\$2,063 \$8.667	\$682 \$2,867	\$0 \$0	\$2,193 \$9,214	\$0 \$0		\$0		\$6.657	\$14,235		\$124,884	\$458,091	
Total Losded Labor	1	\$220,945	\$18,847	\$11,738	201	\$1,538	36,007	\$2,507]	301	35,2141	401	\$5,504		37,201	30,0071	•13.6551				
DIOCOT COST	·													-						
DIRECT COST	ļ	\$1,848	\$209	\$183	so	\$23	so	\$23	\$0	sol.	\$ 0	\$70	so	\$47	\$47	\$186	\$163	\$0	\$2,778	
Mileage	1	\$1,848 \$2,000	\$209	\$183	\$0	\$23	\$0 \$0	\$0	02	5 0	\$0	\$0	so	so	\$0	\$0	\$0	\$36,000	\$38,000	
Travel, Lodging, Per Diem Supplies and Materials		\$6,750	\$120	\$10	02	\$10	\$10	so	sol	50	\$0	\$10	so	\$35	\$25	\$150	\$75	so	\$7,195	
Printing & Reproduction		\$1,250	\$0	so	20	\$0	\$0	\$0	so	\$0	\$0	\$25	so	\$100	\$100	\$300	\$125	\$ 0	\$1,900	
Postage		\$1,260	\$60	\$10	ŝo	\$10	\$10	so	\$0	\$0I	\$0	\$10	\$0	\$35	\$35	\$25	\$35	\$ 0	\$1,490	
Telephone, Communications		\$180	\$30	\$10	\$0	\$10	\$10	\$0	\$0	\$0	\$0	\$10	\$0	\$20	\$20	\$10	\$35	\$0	\$335	lana i a i i i i i i i i i i i i i i i i
MES CAD Burden Rate		\$576	\$180	\$0	\$0	so	\$0	\$0	\$0	\$108	\$0	\$0	\$0	\$288	\$0	\$288	\$324	\$0		CAD Service Center charges which are not in MES overhead
Vehicle Service/Rental	1	so	so	\$0	\$0	\$0	\$0	. \$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$81,000	\$61,000	Includes charges for staging vehicles on-island
Boat Service/Rental	}	. \$0	so	\$0	sol	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$151,500		Includes combination of small crewboat and chartered service
Special Equipment		\$0	\$0	\$0	\$0	\$0	\$0	so	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$60,000	\$60,000	
Other		\$0	\$70	\$0	\$0	\$0	\$o	so	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$226,200	\$226,270	
Contracted Services (GBA)	Į į	\$186,877	\$0	\$69,827	\$0	\$30,148	\$0	\$9,738	\$0	\$0	\$0	\$0	\$0	\$24,818	\$11,901	\$0	\$0	\$0	\$333,305	Dredging Engineering Planning and Technical Services Engineering/Dredged Matl. Mgt. Planning, Cost Estimates
Contracted Services (Dolinar)	1 .	\$2,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$ 0	\$0	\$1,500	\$0	\$0	\$0	\$0	\$0	\$0		Coastal and Civil Engineering Support
Contracted Services (Moffat & Nichol)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0 \$0	20		Electrical Layout Planning and Design
Contracted Services (consultant)	1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	so	\$0	\$0		Aerial Spraying and Burning Services
Contracted Services	1	\$0	\$0	\$0	\$0	\$0	\$0	\$ 0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	30	\$0	India spraying and during services
Contracted Services		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	20	20	20	
				272.00						6100		\$1,625	soi	\$25,341	\$12,128	\$959	\$757	\$554,700	\$909,037	· · · · · · · · · · · · · · · · · · ·
Total Direct Costs	L	\$202,741	\$669	\$70,020	\$0	\$30,199	\$30	\$9,781	\$0	\$108	30	31,025	201	323,341]	312,120]	2005	2.5/1			•
SUBTOTAL (Labor and Direct Cos		\$423,685	\$19,516	\$81,758		\$31,737	\$8,697	\$12,628	02	\$9,322	\$0	\$7.528	\$0	\$32,574	\$18,785	\$15,194	\$26,118	\$679,584	\$1,367,128	ì .

MES Subsidiary	
0301	Task 1: Project Planning, Technical, Environmental and Implementation Services
0302	Task 2: Long-Term Monitoring (CENAB Item 1.4)
0303	Task 3: Dewatering Plan and Underdrain and Pumping System (CENAB item 2.1.2)
0304	Task 4: Wetland Field Data (CENAB Item 2.1.4)
0305	Task 5: Baseline PSDDF Modeling and Cell Capacities (CENAB Item 2.1.5)
0306	Task 8: Plan and Design Marsh (CENAB Item 2.1.6)
0307	Task 7: Material Management Plan for First Dredging Cycla (CENAB ttem 2.1.7)
0308	Task 8: Filling Schedule and Quantitities for First Placement Cycle (CENAB Item 2.1.8)
0309	Task 9: Technical Assistance for Planning First Placement Cycle (CENAB items 2.1 and 2.3)
0310	Task 10: Site Support and Logistics (CENAB Item 2.2)
0311	Task 11: Design Crust Management Plan (Initial concept plan)
0312	Task 12: Phragmites Control (CENAB ttem 3.1)
0313	Task 13: Vegetative Management Technical Analysis (CENAB Item 3.2)
0314	Task 14: Vegetative Planning (CENAB Item 3.3)
0315	Task 15: Public Meetings Technical and Meeting Support (CENAB Item 5.2)
0316	Task 16: Interorganizational Support (CENAB Item 5.4)
0317	Task 17: Planning and Implementation Logistics and General Support (no CENAB Item Number; provides field-level support for planning are related activities

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ASK 1 - PROJECT PLANNING, TECHNICA	L, ENVIRONMENT	AL AND IMPL	EMENIA	ION SEF	RVICES			 		 		
equested Buget Increase for Task	1 through Dece	ember 31, 2	001									
	:							-	1		K TOTALS	West Bedamed
MES LA	ABOR	,	FY01	Su	btask 1.1	Su	btask 1.2	SL	ibtask 1.3	IAS	KIDIALS	Work Performed
Category	Employee	FY00 Hourly Rate	Hourty	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	
roject Director/Senior Planner	Wayne Young	\$35.61	\$37.04	288	\$10,668	80	\$2,963	288	\$10,668	656	\$24,298	Project/Operations Planning, Contract Oversight, Tech. Review
											******	Project Management, Ops Planning. Note: K. Wikar thru 10/20/00; S.
roject Manager	see note at right	\$24.31	\$27.71	576	\$15,961	80 80	\$2,217 \$2,339	576	\$15,961 \$0	1,232 80		Storms from 10/20 Environmental Science/Monitoring
enior Environmental Scientist nvironmental Scientist	Cecelia Donovan Tammy Banta	\$28.12 \$25.06		-	\$0 \$0	24			\$0	24		Environmental Science/Monitoring
It. Project Manager/ Env. Scientist	Steve Storms	\$23.09		288	\$7,160	80		24		392		Alternate Project Manager, Environmental Science
			***		••••		****	422	£ 0.036	616	£4.4.460	Contracting Planning and Documentation and Mgt. Support; Note: Position being filled
roject Management Specialist nvironmental Specialist	see note at right Melissa Slatnik	\$0.00 \$14.87	\$23.00 \$15.38	144	\$3,312 \$0	40 40	\$920 \$615	432 144	\$9,936 \$2,215	184		Contract Mgt.Support/Env. Science/Geology
nvironmental Specialist	Sue Kelly	\$14.22			\$0	24			\$0	24		Environmental Science/Biology
nvironmental Specialist	Tom Humbles	\$16.23			\$0	40	\$669		\$0	40		Environmental Technical/Inspection, Phragmites Control
nvironmental Specialist	Enka Kehne	\$11.58			\$0	24			\$0	24		Environmetal Technical
nvironmental Specialist	Doug Taylor	\$13.35			\$0	24			\$0	24		Environmental Technical/Inspection
nvironmental Specialist	Gwen Neate William Chicca	\$0.00 \$36.48		80	\$0 \$3,043	24 24			\$0 \$0	104	\$332 \$3,956	Engineering Planning and Review .
enior Engineer Ingineer, Civil	Larry Walsh	\$30.40	\$29.68	80	\$3,043 \$0	24			\$0	24		Construction Planning
ngineer, Civil	David Foster	\$28.29	\$29.42		\$0	16			\$0			Engineering Design Evaulation, Cost Estimates
												Civil and Dredging Engineering, Surveys, progress/team mtgs, field
ngineer, Civil	see note at right	\$19.30	\$21.59	576	\$12,436	80	\$1,727		\$0	656		technical support. Note: S. Moore until 11/16; position being filled
ngineer, Civil	Les Shaw	\$28.53 \$23.13	\$29.68 \$24.06		\$0 \$0	16 16			\$0 \$0	16 16		Engineering Design Evaulation, Cost Estimates Engineering Design Evaulation, Cost Estimates
ngineer, Civil ngineer, Construction	Charles Peng Ellis Heath	\$18.61	\$19.17		\$0	40	\$767		\$0			Construction Engineering
perations Field Supervisor	Allen West	\$17.08		0		40	\$728		\$0	40		Field Operations Planning
nvironmental Dredging Tech	James Tracy	\$13.44	\$15.40		\$0	120	\$1,848		\$0	120		Environmental Operations/Inspection Planning. Services may be provided James Tracy or other qualified field personnel in equivalent service.
AD Technician	Chris Norris	\$20.54			\$0	40	\$846		\$0	40		CAD Drawings, Document Preparation
AD Technician	Mark Cohoon	16.46			\$0	40	\$798		\$0			CAD Drawings, Document Preparation
Marine Operations Specialist	Jeffrey Pitts	\$22.44 \$10.54	\$23.25 \$10.54		\$0 \$0	40	\$930 \$0		\$0 \$0	40		Marine Operations, Construction Inspection Engineering Technical Support
co-op loat/Equipment Operator	Brian Wolff various	\$15.00			\$0	40	\$600		\$0	40		Boat/Equipment Operation (Contingent Item)
abor Sub-Total		V.S.SS		1,952	\$52,579		\$24,885	1,464	\$39,376	4,512	\$116,840	
	<u> </u>											
ringe @ 44.1% of labor (FY01 rate)				i	\$23,187		\$10,974		\$17,365		\$5 1,526.55	
verhead @ 45% of labor	,				\$23,661		\$11,198	<u> </u>	\$17,719		\$52,578	
Total Loaded Labor	ļ		L		\$99,427	<u> </u>	\$47,058		\$74,460		\$220,945	
IRECT COST	: 	<u> </u>		i [!				 		
fileage			0.31	1980	\$614	2000	\$620	1980	\$614	-	\$1,848	
ravel, Lodging, Per Diern							\$2,000				\$2,000	
upplies and Materials					\$1,350		\$3,600		\$1,800		\$6,750	
rinting & Reproduction							\$1,250				\$1,250	
ostage					\$450		\$450		\$360 \$180	 	\$1,260 \$180	
elephone, Communications IES CAD Burden Rate	···		\$18.00		\$0	32	\$576		\$100		\$576	
ehicle Service/Rental			\$10.00		•	— <u>—</u>	\$2.0				\$0	
oat Service/Rental											\$0	
pecial Equipment											\$0	
Other '				<u> </u>	211215				***	 	\$0	Dredging Engineering Planning and Technical Services
contracted Services (GBA) contracted Services (Dolinar)					\$143,158 \$500		\$25,008 \$500		\$18,711 \$1,000			Engineering/Dredged Matl. Mgt. Planning, Cost Estimates
Contracted Services (Moffat & Nichol)			-		\$0		\$0		\$0			Coastal Engineering Services
ontracted Services											\$0	
ontracted Services											\$0	
Contracted Services		-		ļ		ļ		ļ. <u> </u>	<u> </u>	├	\$0	
Total Direct Costs			-	-	\$146,072		\$34,004	-	\$22,665	├──┤	\$202,741	
total Direct Costs					\$ 140,U/Z		334,004		∌ ∠∠,005		###Z,171	
ASK 1 SUBTOTAL (Labor and Direct Cost	:s)	<u>:</u>	!	 - 	\$245,499	-	\$81,062	-	\$97,125	 _ 	\$423,68 5	
	!								20.7.20			
ubtask 1.1: Joint Planning Team Support ubtask 1.2: Supplemental Planning, Environ		Toobalas' -	nd lengte	notation (Con door		<u></u>			├ ──-		
INTER 1.2 SUNDIGHTONISI MANNING FAVIRAN	wental endineenno	ı. Texanlıcal al	na mibiem	calication 3	DEIVICES	i	ı	1	ı !	. !		•

Attachment 2 MES Proposal ED-03-01 October 25, 2000 Page 2

TASK 2 - LONG-TERM MONITORING

Requested Budget Increase for Task 2 through December 31, 2001

MES LABO)R			Sub	otask 2.1	Su	btask 2.2	Su	btask 2.3	TAS	K TOTALS	Work Performed
		FY00	FY01				I		I			
		Hourty	Hourty				1		į			·
Category	Employee	Rate	Rate	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	
Project Director/Senior Planner	Mars Vaus	625.64	#27.04				~ .			_	***	
Toject Director/Senior Planner	Wayne Young	\$35.61	\$37.04	2	\$74	2	\$74	3	\$111	7	\$259	Project/Operations Planning, Contract Oversight, Tech. Review
roject Manager .	see note at right	\$24.31	\$2 7 .71	8	6222	0		40		ا م	£400	Project Management, Ops Planning. Note: K. Wikar thru 10/20/00; S.
Senior Environmental Scientist	Cecelia Donovan			50	\$222 \$1,462	60	\$0	10 10	\$277	18	_	Storms from 10/20
nvironmental Scientist				50		60		10	\$292	120		Environmental Science/Monitoring
	Tammy Banta	\$25.06	\$26.07		\$0		\$0		\$0	이	\$0	Environmental Science/Monitoring
			i						l			Alternate Project Manager, Environmental Science. Position will be
It Design Manager Care Scientist	Ctore Ctores	****		ا ا		:	••••		[backfilled or hours reprogrammed to others upon assignment as proje
It. Project Manager/ Env. Scientist	Steve Storms	\$23.09	\$24.86	40	\$994	40	\$994	0	\$0	80	\$1,989	manager.
roject Management Specialist	see note at right	\$0.00	\$23.00		\$0		\$0		\$0	ا ا	en	Contracting Planning and Documentation and Mgt. Support; Note: Post being filled
invironmental Specialist	Melissa Slatnik	\$14.87	\$15.38	60	\$923	60	\$923	40		160		Task Mgt.Support/Env. Science/Geology
nvironmental Specialist	Sue Kelly	\$14.22		80	\$923 \$0	60	\$923 \$0	40	\$615			Environmental Science/Biology
invironmental Specialist	Tom Humbles	\$16.23				8			\$0	0		
nvironmental Specialist	Erika Kehne			8	\$134	°	\$134		\$0	16		Environmental Technical/Inspection, Phragmites Control
•	1	\$11.58	\$12.40	0 8	\$0		\$0	- 1	\$0 \$0	0		Environmetal Technical
nvironmental Specialist	Doug Taylor	\$13.35	\$13.62		\$109	8	\$109	1	\$0	16		Environmental Technical/Inspection
nvironmental Specialist	Gwen Neate	\$0.00	\$13.83	20	\$277	20	\$277		\$0	40		Environmental Technical
enior Engineer	William Chicca	\$36.48	\$38.04	į.	\$0		\$0		\$0	0		Engineering Planning and Review
=	Larry Walsh	\$28.53	\$29.68		\$0		\$0		\$0			Construction Planning
ngineer, Civil	David Foster	\$28.29	\$29.42		\$0		\$0		\$0	0	\$0	Engineering Design Evaulation, Cost Estimates
		l i		ļ				1	- 1	l [Civil and Dredging Engineering, Surveys. Note: S. Moore until 11/16;
	see note at right	\$19.30	\$21.59	- 1	\$0		\$0	l	\$0 \$0	0	-	position being filled
	Les Shaw	\$28.53	\$29.68	ĺ	\$0		\$0	1	\$0	0	\$0	Engineering Design Evaulation, Cost Estimates
	Charles Peng	\$23.13	\$24.06		. \$0	- 1	\$0	- 1	\$0		\$0	Engineering Design Evaulation, Cost Estimates
	Ellis Heath	\$18.61	\$19.17		\$0	1	\$0	- 1	\$0	l ol	\$0	Construction Engineering
	Allen West	\$17.08	\$18.21	- 1	\$0		\$0	- 1	\$0	l of	\$0	Field Operations Planning
nvironmental Dredging Tech	James Tracy	\$13.44	\$15.40		\$0		\$0	- 1	\$0	l oi	\$0	Environmental Technical Support
AD Technician	Chris Nomis	\$20.54	\$21.15	4	\$85	6	\$127	- 1	\$0	l 10ĺ		CAD Drawings, Document Preparation
AD Technician	Mark Cohoon	16.46	19.96	- 1	\$0	- 1	\$0		\$0	اه ا		CAD Drawings, Document Preparation
Marine Operations Specialist	Jeffrey Pitts	\$22.44	\$23.25	1	\$0	- 1	\$0		\$0	اه ا		Marine Operations, Construction Inspection
Co-op	Brian Wolff	10.54	10.54	- 1	\$0	ŀ	\$0	- 1	\$0	ا ما		Engineering Technical Support
Soat/Equipment Operator	various	\$15.00	\$15.00		\$0		\$0	- 1	\$0	ا ا		Boat/Equipment Operation
abor Sub-Total				200	\$4,279	204	\$4,392	63	\$1,296	467	\$9,967	
· · ·												•
ringe @ 44.1% of labor					\$1,886.99	T	\$1,936.83	- T	\$571.46		\$4,395.27	
overhead @ 45% of labor					\$1,925		\$1,976		\$583		\$4,485	
Total Loaded Labor		1			\$8,091		\$8,305		\$2,450		\$18,847	
IRECT COST												
- 1		l	0.31	300	\$93	300	. \$93	75	\$23		\$209	
ravel, Lodging, Per Diem upplies and Materials]	I	- 1			- 1					\$0	-
	1	I	i	1	\$50	i	\$50	- 1	\$20	[\$120	
rinting & Reproduction	1	ł		- 1		- 1		- 1	[]		\$0	
ostage	İ	1	- 1	i	\$25	ŀ	\$25	- 1	\$10		\$60	
elephone, Communications	1	l			\$10		\$10	İ	\$10	i 1	\$30	
ES CAD Burden Rate	1	l	\$18.00	4	\$72	6	\$108		\$0		\$180	
ehicle Service/Rental		- 1	I	1	!			ļ	- !!		\$0	
oat Service/Rental ·	İ	- 1	ļ	ĺ	į.	. !]	1	H		\$0	
pecial Equipment	l	l	1		ſ	- 1	- 1		[]		\$0	
ther (e.g. film processing)		i	- 1		\$35		\$35		il.		\$70	
ontracted Services (GBA)	1	I	- 1	1	\$0	- 1	\$0	- 1	\$0			Dredging Engineering Planning and Technical Services
ontracted Services (Dolinar)	ŀ	- 1	!	- 1	\$0		\$0	J	\$0		\$0	
ontracted Services (Moffat & Nichol)	l	1			\$0	i	\$0		sol		\$0	
ontracted Services	J	ı	ļ	- 1	•		~	- 1	• • • • • • • • • • • • • • • • • • • •		\$0	
ontracted Services	į	1	1	- 1	1	1	1	- 1			\$0	
	l		1	- 1		i	1		ll ll		\$0	
ontracted Services												
ntracted Services Total Direct Costs					\$285		\$321		\$63		\$669	

Subtask 2.1: CENAB Item 1.4.1 - Long-Term Monitoring Framework Subtask 2.2: CENAB Item 1.4.2 - Water Quality Subtask 2.3: Planning and Task management for MES Task 2

TASK 3 - DEWATERING PLAN AND UNDERDRAIN AND PUMPING SYSTEM (CENAB Itam 2.1.2)

Requested Budget Increase for Task 3 through December 31, 2001

MES I	LABOR				sk 3.1 (GBA ask 2.1.2.a)		2 (GBA Subtask 2.1.2.b)		sk 3.3 (GBA sk 2.1.2.c)		k 3.4 (GBA sk 2.1.2.d)	Subtask 3.5	(GBA Subtask 2.e)		sk 3.6 (GBA ssk 2.1.2.1)		sk 3.7 (GBA ask 2.1.2.g)		sk 3.8 (GBA sk 2.1.2.h)		k 3.9 (GBA sk 2.1.2.i)	TAS	SK TOTALS	, Work Performed
Category	Employee	FY00 Hourly Rate	FY01 Hourly Rate	Hours		Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours		lours	Cost	Hours	Cost	Hours	Cost	Work thomas
roject Director/Senior Planner	Wayne Young	\$35.61	\$37.04	0	\$0		2 \$74	0	02	2	\$74		\$0	2	\$74		\$74	12	\$444	4	\$148	24		Project/Operations Planning, Contract Oversight, Tech. Review
								1 1				}	,	-1		1 1	1			i	i	-		Project Management, Ops Planning. Note: K. Wikar thru 10/20/00; S. Storms fro
roject Manager enior Environmental Scientist	see note at right Cecelia Donovan	\$24.31 \$28.12	\$27.71	이	\$0		8 \$222	이	\$0	8	\$222		\$0	2	\$55		\$55	12	\$333	12	\$333	44	\$1,219	
vironmental Scientist	Tammy Banta	\$25.06	\$29.24 \$26.07		\$0 \$0		\$0 \$0		\$0 \$0		\$0 \$0		\$0		. \$0 . \$0		\$0 \$0		\$0 \$0		\$0 \$0			Environmental Science/Monitoring Environmental Science/Monitoring
	,, <u></u>	120.00	\$20.07		**		•	1 1	•0		30	نہ ا	30		30	1 1	30		•0	1	30	ľ	. ***	_
t. Project Manager/ Env. Scientist	Steve Storms	\$23.09	\$24.86		\$0		\$o		\$0		\$0		\$0	-	\$0		\$0		\$o		so	0	\$0	Alternate Project Manager, Environmental Science. Position will be backfilled of hours reprogrammed to others upon assignment as project manager. Lontracting Hanning and Locumentation and Mgt. Support; Note: Position ber
	see note at right	\$0.00		1	\$0		\$0		\$0		\$0	ľ	\$0		\$0	1 1	\$0	1	\$0		\$0	0	\$0	filled
	Melissa Slatnik	\$14.87			\$0	ł	\$0		\$0		\$0.	l	\$0		\$0		\$0	i	\$0	24	\$369	24	\$369	Task Mgt.Support/Env. Science/Geology
vironmental Specialist vironmental Specialist	Sue Kelly Tom Humbles	\$14.22			\$0		\$0	1	\$0		\$0 \$0		\$0	l	\$0		\$0	1	\$0		\$0	0		Environmental Science/Biology
vironmental Specialist	Erika Kehne	\$16.23 \$11.58			\$0 \$0		\$0	İ	\$0 \$0		\$0	1	\$0		\$0		\$0	·	\$0 \$0		\$0 \$0	0		Environmental Technical/Inspection, Phragmites Control Environmetal Technical
	Doug Taylor	\$13.35		l i	\$0		\$0		\$0	1	\$0 \$0		02		\$0 \$0		\$0 \$0	ł	\$0		\$0			Environmental Technical/Inspection
	Gwen Neate	\$0.00		li	\$0		\$0		\$0		\$0		\$0		\$0 \$0		\$0		\$0		SO.			Environmental Technical
nior Engineer	William Chicca	\$36.48	\$38.04		\$0		\$0		so		so so		\$0	16	\$609			24	\$913	24	\$913			Engineering Planning and Review
gineer, Civil	Larry Walsh	\$28.53	\$29.68		\$0		\$0	1	\$0		\$0		\$0	[\$0		\$0 \$0		\$0	_	\$0 \$0	0		Construction Planning
	David Foster	\$28.29			\$0	ł	\$0		\$0		\$0		\$0		\$0		\$0		\$0		i			Engineering Design Evaulation, Cost Estimates Civil and Dredging Engineering, Surveys. Note: S. Moore until 11/16; position
	see note at right	\$19.30	\$21.59		\$0	!	\$0		\$0		\$0		\$0		\$0		\$0	60	\$1,295		\$0	60	\$1,295	
gineer, Civil	Les Shaw	\$28.53	\$29.68		\$0		\$0		so	- 1	\$0		\$0		\$0		\$0	- 1	\$0		\$0 \$0 \$0 \$0	0	\$0	Engineering Design Evaulation, Cost Estimates
gineer, Civil gineer, Construction	Charles Peng Ellis Heath	\$23.13 \$18.61	\$24.06 \$19.17		\$0		02 02		\$0		\$0 \$0		\$0		\$0		\$0]	\$0 \$0		20	9		Engineering Design Evaulation, Cost Estimates
	Allen West	\$17.08	\$18.21		\$0 \$0	1	\$0	1	\$0 \$0		\$0 \$0		02 02		\$0 \$0		\$0 \$0	İ	\$0 \$0		30	0		Construction Engineering Field Operations Planning
vironmental Dredging Tech	James Tracy	\$13.44	\$15.40		\$0	}	02		SO		. \$0		\$0		\$0 \$0	1	SO	- 1	\$0		\$0	0		Environmental Technical Support
D Technician	Chris Norris	\$20.54	\$21.15		\$0		\$0		so		so so		\$0		\$0		\$0		\$0		so	0		CAD Drawings, Document Preparation
	Mark Cohoon	16.46	19.96		\$0		\$0	1	\$0	- 1	\$0		\$0	J	\$0		\$0		\$0		\$0 \$0 \$0	0	\$0	CAD Drawings, Document Preparation
arine Operations Specialist	Jeffrey Pitts	\$22.44	\$23.25	İ	\$0		\$0		\$0		\$0		\$0	i	\$0		\$0		\$0		\$0	0		Manne Operations, Construction Inspection
	Brian Wolff various	10.54 \$15.00	10.54 \$15.00		\$0 \$0		\$0		\$0		\$0		\$0	- 1	\$0:	ł	\$0		\$0	i	\$0 \$0	0	\$0	Engineering Technical Support
abor Sub-Total	Various	\$15.00	\$15.00		102	10	\$296		02	10	\$0 \$296		02	20	\$0 \$738		\$0 \$130	108	\$2,985	64		216	\$6,207	4
					991						92.00	<u>~</u>					0.50	1001	62,550]	,				
nge @ 44.1% of labor					\$0		\$130		\$0		\$130		\$0		\$326		\$57 \$58	-T	\$1,317		\$777		\$2,737	
erhead @ 45% of labor Total Loaded Labor					102		\$133		\$0		\$133		\$0		\$332		\$58		\$1,343		\$793		\$2,793 \$11,738	
	<u> </u>				201	<u> </u>	\$559		<u>\$0 </u>	1	\$559		\$0		\$1,396	<u> </u>	\$245	<u>}</u>	\$5,645	1	\$3,333	1	\$11,738	
RECT COST eage		0.31	0.31		\$0		50		\$o	1	so		\$0		\$0		\$0	300	\$93	225	\$70		\$163	2 trips to Baltimore, 1 site visit by MES task manager
ivel, Lodging, Per Diem		'			-0		1 30	1	**/		**		•	-	3 0		•	است	*33		•••		\$0	
pplies and Materials	1		1	- 1	1		1							- !			1		l		\$10		\$10	
nting & Reproduction	1		-	l			1 1	l		-											\$0		\$0	4
stage	1 .			1	l		1	-	i	j								Ì	i		\$10		\$10	
ephone, Communications S CAD Burden Rate		F40 CA		l	ا۔۔		1	1		ŀ							[1			\$10		\$10 \$0	
hicle Service/Rental	1	⇒ 18.00	\$18.00		201		1 20]	\$0	ŀ	\$0	İ	\$0		\$0		\$0	1	30		\$0		, to	
at Service/Rental	1	l	l	Į	Ī] }			ļ							l		1	ļ	.\$0 \$0		\$0	Boat service for 1 site visit by MES task manager
cial Equipment				ļ				- 1	1	1								- 1	l	l	\$0 \$0		\$0	The state of the state of the state transfer
ner	1			- 1			1	- 1	1	- 1							ĺ		l		\$0 \$0	1	so	
ntracted Services (GBA, E2Si, Kiezer)	er)	ļ]	- 1	\$0		\$17,586	- 1	\$0	- 1	\$3,444		\$5,404	- 1	\$0		\$o	1	\$39,388		\$4,005		\$69,827	Dredging Engineering Planning and Technical Services
ntracted Services (Dolinar)	1	ı	I	l	\$0		\$0	1	\$0	l	\$0		\$0	- 1	\$0		\$0	- 1	\$0	l	\$0	1	\$0	1
	1	l	j	ļ	\$0		\$0	1	\$0	- 1	\$0	i	\$0		\$0		\$0		\$0		\$0 \$0 \$0 \$0	1	\$0	·
			l	- 1	20		\$0	1	\$0	ŀ	\$0		\$0		\$0		\$0	ı	\$0		\$0	1	\$0	
ntracted Services							, 201	1	501		\$0		\$0		\$0		\$0		\$0		20	1	\$0	
ntracted Services (Moffat & Nichol) Intracted Services Intracted Services Intracted Services		J	ļ		•		1	1	**	j	60		eni		ev.						EU.	1 1	02	it and the second secon
tracted Services tracted Services tracted Services											\$0		\$0		\$0		\$0		•••			1		
racted Services racted Services					\$0		\$17,586		\$0		\$0 \$3,444		\$0 \$5,404		\$0		\$0]		\$39,481		\$0 \$4,105	1	\$0 \$70,020	

Subtask 3.1: GBA Subtask 2.1.2a - Data Review
Subtask 3.2: GBA Subtask 2.1.2b - Planning Studies
Subtask 3.3: GBA Subtask 2.1.2c - Pumping Systems
Subtask 3.4: GBA Subtask 2.1.2c - Scheduling
Subtask 3.5: GBA Subtask 2.1.2e - Design for Underdrain, Pumping System and Dike Raising
Subtask 3.6: GBA Subtask 2.1.2e - Design for Underdrain, Underdrain System, and Dike Raising
Subtask 3.7: GBA Subtask 2.1.2f - Cost Estimates for Dewatering, Underdrain System, and Dike Raising
Subtask 3.7: GBA Subtask 2.1.2e - Plans and Specifications for Dike Raising and Underdrain System
Subtask 3.8: GBA Subtask 2.1.2h - On-Site Planning & Design Visits and Meetings for Underdrain Installation and Dike Raising
Subtask 3.9: GBA Subtask 2.1.2h - Planning and Task Management

TASK 4 - WETLAND FIELD DATA (CENAB Item 2.1.4)

Requested Budget Increase for Task 4 through December 31, 2001

Mes	LABOR				sk 4.1 (GBA sk 2.1.4.a)		sk 4.2 (GBA isk 2.1.4.b)		sk 4.3 (GBA sk 2.1.4.c)		sk 4.4 (GBA isk 2.1.4.d)		sk 4.5 (GBA ask 2.1.4.e)		sk 4.6 (GBA ask 2.1.4.f)		sk 4.7 (GBA sk 2.1.4.g)	TAS	TOTALS	Work Performed
		FY00 Hourty	FY01 Hourty																	,
Category	Employee	Rate	Rate	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	-
ject Director/Senior Planner	Wayne Young	\$35.61	\$37.04		\$0		\$0		\$0		\$0		\$0		\$0	0	\$0	•	. s	Project/Operations Planning, Contract Oversight, Tech. Review Project Management, Ops Planning, Note: K. Wikar thru 10/20/00; S. Storms fr
ject Manager	see note at right	\$24.31	\$27.71		\$0		\$0		\$0		\$0		· .so		\$0		\$0			0 10/20
nior Environmental Scientist	Cecelia Donovan	\$28.12	\$29.24		\$0		\$0		\$0		\$0	ıll	\$0		\$0		\$0			0 Environmental Science/Monitoring
vironmental Scientist	Tammy Banta	\$25.06	\$26.07		\$0		\$0		\$ 0		\$0	'l I	\$0		\$0		\$0	0	S	Environmental Science/Monitoring Alternate Project Manager, Environmental Science. Position will be backfilled of
Project Manager/ Env. Scientist	Steve Storms	\$23.09	\$24.86		\$0		\$0		\$0		\$0		\$ 0		\$0		\$0	0	s.	reprogrammed to others upon assignment as project manager.
ject Management Specialist	see note at right	\$0.00	\$23.00		\$0		\$0] [\$0		\$0	J	\$0		\$0		•0	١ ،		OContracting Planning and Documentation and Mgt. Support, Note: Position bei
rironmental Specialist	Melissa Slatnik	\$14.87	\$15.38		\$0		\$0 \$0		\$0		\$0		\$0		\$0		\$0 \$0	٥		0 Task Mgt.Support/Env. Science/Geology
vironmental Specialist	Sue Kelly	\$14.22	\$16.27		\$0		\$0		\$0		\$0	1 1	\$0 \$0		\$0	i I	\$0	0		0 Environmental Science/Biology
vironmental Specialist	Tom Humbles	\$16.23	\$16.72		\$0		\$0		\$0		\$0 \$0		\$0 \$0		\$0		\$0	0		0 Environmental Technical/Inspection, Phragmites Control
vironmental Specialist	Erika Kehne	\$11.58	\$12.40		\$0		\$0		\$0		\$0		\$0		\$0		\$0	0		0 Environmetal Technical
vironmental Specialist	Doug Taylor	\$13.35	\$13.62 \$13.83	1	\$0		\$0		\$0	l	\$0		\$0 \$0		\$0 \$0		\$0 \$0	0		0 Environmental Technical/Inspection 0 Environmental Technical
vironmental Specialist nior Engineer	Gwen Neate William Chicca	\$0.00 \$36.48	\$13.83 \$38.04	J	\$0 \$0		\$0 \$0		\$0 \$0	l	\$0 \$0 \$0		\$0 \$0		i \$0 i \$0		\$0 \$0	"		O Engineering Planning and Review
gineer, Civil	Larry Walsh	\$28.53	\$29.68	- 1	\$0 \$0		\$0 \$0		\$0 \$0		\$0 \$0]	\$0 \$0		\$0		\$0	0		O Construction Planning
gineer, Civil	David Foster	\$28.29	\$29.42	i	\$0		\$0		\$0		\$0		\$0		\$0		\$0	0	l s	0 Engineering Design Evaulation, Cost Estimates
																1 1	_			Civil and Dredging Engineering, Surveys. Note: S. Moore until 11/16; position
gineer, Civil	see note at right	\$19.30	\$21.59		\$0	ļ	\$0		\$0	- [\$0	1	\$0		\$0		\$0	0		0 filled 0 Engineering Design Evaulation, Cost Estimates
gineer, Civil	Les Shaw	\$28.53	\$29.68		\$0		\$0		\$0 \$0		. \$0		\$0 \$0		\$0 \$0		\$0 \$0	1 0		0 Engineering Design Evaulation, Cost Estimates 0 Engineering Design Evaulation, Cost Estimates
pineer, Civil pineer, Construction	Charles Peng Ellis Heath	\$23.13 \$18.61	\$24.06 \$19.17		\$0: \$0:		\$0 \$0		\$0 \$0	Į	· \$0 \$0	1 !	\$0 \$0		· \$0		\$0 \$0			O Construction Engineering
erations Field Supervisor	Allen West	\$17.08	\$18.21		\$0		\$0 \$0		sol	ĺ	\$0		\$0		so		\$0			0 Field Operations Planning
vironmental Dredging Tech	James Tracy	\$13.44	\$15.40	İ	\$0		\$0		\$0	1	\$0 \$0		\$0		\$0		\$0	. 0		0 Environmental Technical Support
D Technician	Chris Norris	\$20.54	\$21.15		\$0		\$0	1 [\$0	1	\$0 \$0		\$0		\$0		\$0	0		0 CAD Drawings, Document Preparation
D Technician	Mark Cohoon	16.46	19.96		\$0		\$0		\$0	- 1	\$0	4	\$0		\$0		\$0	٥		0 CAD Drawings, Document Preparation
rine Operations Specialist	Jeffrey Pitts	\$22.44	\$23.25		\$0 \$0		\$0	1 I	. \$0 . \$0		\$0		\$0 \$0		\$0 \$0		\$0 \$0			0 Marine Operations, Construction Inspection 0 Engineering Technical Support
-op at/Equipment Operator	Brian Wolff various	10.54 \$15.00	10.54 \$15.00		\$0		\$0		. 30	i	\$0	1	30		30	'	•	,	1 *	O'L'I GIRECTING TECHNICAL SUPPORT
bor Sub-Total	Validus	910.00	915.00	- 0	\$0	0	\$0	- 0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$	0
	•																			· _
nge @ 44.1% of labor erhead @ 45% of labor					\$0 \$0		\$0 \$0		\$0 \$0		\$0 \$0		\$0 \$0		\$0 \$0		\$0 \$0		S	0 0
Total Loaded Labor	 				\$0		\$0		02		30		\$0		\$0		\$0			<u> </u>
											<u>`</u>				\					
RECT COST				221	\$0				\$0		•				\$0		\$0		s	
eage vel, Lodging, Per Diem	1	0.31	0.31	0.31	30		\$0		¥υ		\$0	1	\$0		\$0	Ί	30			
oplies and Materials	1			ļ						1							\$0	Ì		ō
nting & Reproduction												i								0
stage .			1)				1 1	\$0		S	
ephone, Communications				- 1								1 .]	\$0 \$0		S	
S CAD Burden Rate nicle Service/Rental		\$18.00	\$18.00	l	\$0		\$0		\$0		\$0	i	\$0		\$0	'	\$0			01
at Service/Rental																1		∥ .		ŏ
cial Equipment									1										\$	
er ·	į l								l				1						\$	·
tracted Services (GBA, E2CR, Z)	Vidarcic)	1		- 1	\$0	l	\$0		\$0		\$0		\$0		\$0		\$0		5	O Dredging Engineering Planning and Technical Services
tracted Services (Dolinar)	<u> </u>		- 1		\$0		\$0		\$0	1	\$0		\$0		\$0		\$0 \$0	l		0 0
ntracted Services (Moffat & Nichol ntracted Services	γ Ι	- 1	-		\$0		\$0		\$0	l	\$0		\$0		\$0	'	\$0	ll		-
itracted Services]		1																	0 ·
ntracted Services			l			l												li		
Total Direct Costs					\$0		\$0		. 50		02		\$0		\$0	,	\$0	 	 	00
							€n		€U I		€n									

Subtask 4.1: GBA Subtask 2.1.4.a - Geotechnical Sampling Plan Subtask 4.2: GBA Subtask 2.1.4.b - Sediment Cores Subtask 4.3: GBA Subtask 2.1.4.c - Index Properties Subtask 4.4: GBA Subtask 2.1.4.d - Foundation Consolidation Documentation Subtask 4.5: GBA Subtask 2.1.4.e - Cell Baseline Surveys Subtask 4.6: GBA Subtask 2.1.4.f - Seepage Induced Consolidation Testing Subtask 4.7: GBA Subtask 2.1.4.g - Planning and Task Management

TASK 5 - BASELINE PSDDF AND CELL CAPACITIES (CENAB Item 2.1.5)

Requested Budget Increase for Task 5 through December 31, 2001

MES	LABOR	FY00 I	FY01		sk 5.1 <i>(GBA</i> esk 2.1.5.a)		sk 5.2 (GBA ask 2.1.5.b)		sk 5.3 (GBA ask 2.1.5.c)		sk 5.4 (GBA isk 2.1.5.d)		sk 5.5 (GBA isk 2.1.5.e)		sk 5.6 (GBA ask 2.1.5.1)	TASK	TOTALS	Work Performed
Catanan		Hourly Rate	Hourly Rate	Hours	Cost	Hours	Cont	Hours	Cost	Hours	Cost		04				0-4	
Category	Employee			HOUIS			Cost			Hours		Hours	Cost	Hours	Cost	Hours	Cost	
roject Director/Senior Planner	Wayne Young	\$35.61	\$37.04		\$0		\$0		- \$0		\$0		\$0	2	\$74	. 2	\$74	Project/Operations Planning, Contract Oversight, Tech. Review Project Management, Ops Planning. Note: K. Wikar thru 10/20/00; S. Stor
	see note at right	\$24.31	\$27.71		\$0		\$0	,	\$0	- 1	\$0		\$0	16	\$443	16		from 10/20
enior Environmental Scientist	Cecelia Donovan	\$28.12	\$29.24		\$0		\$0		\$0	•	\$0		\$0		\$0	0		Environmental Science/Monitoring
nvironmental Scientist	Tammy Banta	\$25.06	\$26.07		\$0		\$0		\$0	ŀ	\$0		\$0	·	\$0	0		Environmental Science/Monitoring Alternate Project Manager, Environmental Science. Position will be
It. Project Manager/ Env. Scientist	Steve Storms	\$23.09	\$24.86		\$ 0		\$0		\$0		\$0	مند	\$0		\$o	o		backfilled or hours reprogrammed to others upon assignment as project manager.
,				1	,					1								Contracting Planning and Documentation and Mgt. Support, Note: Position
	see note at right	\$0.00	\$23.00		\$0		\$0		\$0	ļ	\$0		\$0		\$0	0	\$0	being filled
	Melissa Slatnik	\$14.87	\$15.38		\$0		\$0		\$0	- 1	\$0		\$0		\$123	8	\$123	Task Mgt.Support/Env. Science/Geology
	Sue Kelly	\$14.22	\$16.27		\$0		\$0		\$0	1	\$0	İ	\$0		\$0	0		Environmental Science/Biology
	Tom Humbles	\$16.23	\$16.72		\$0		\$0	1	\$0	ł	\$0	ŀ	\$0		\$0	이		Environmental Technical/Inspection, Phragmites Control
nvironmental Specialist	Erika Kehne	\$11.58	\$12.40		\$0		\$0		\$0		\$0		\$0		\$0	이		Environmetal Technical
	Doug Taylor	\$13.35	\$13.62		\$0		\$0		\$0	i	\$0		\$0		\$0	9		Environmental Technical/Inspection
	Gwen Neate	\$0.00	\$13.83		\$0		\$0:		\$0		\$0		\$0		\$0	0		Environmental Technical
	William Chicca	\$36.48	\$38.04		\$0		\$0		\$0		\$0		\$0		\$0	0		Engineering Planning and Review
	Larry Walsh	\$28.53	\$29.68		\$0		\$0		\$0		\$0	ŀ	\$0		\$0	0		Construction Planning
ngineer, Civil	David Foster	\$28.29	\$29.42		\$0		\$0		. \$0	- 1	\$0	j	\$0		\$0	이	\$0	Engineering Design Evaulation, Cost Estimates
animor Chil	ann anto at sight	\$19.30	\$21. 5 9	ŀ	\$0		-0		\$0	- 1	\$o	l	-		\$173		6470	Civil and Dredging Engineering, Surveys. Note: S. Moore until 11/16;
	see note at right Les Shaw	\$19.30 \$28.53	\$29.68		\$0 \$0		\$0 \$0		\$0 \$0		\$0 \$0		\$0 \$0	8	\$173 \$0	8		position being filled
	Charles Peng	\$23.13	\$24.06		\$0 \$0		30 en	j	so so		\$0 \$0		\$0 \$0		\$0	្ត		Engineering Design Evaulation, Cost Estimates Engineering Design Evaulation, Cost Estimates
	Ellis Heath	\$18.61	\$19.17		\$0		\$0 \$0		\$0 \$0		\$0		\$0	·	\$0	ŏ		Construction Engineering
	Allen West	\$17.08	\$18.21		\$0		\$0	l	\$0		so		\$0	i	\$0	ől		Field Operations Planning
nvironmental Dredging Tech	James Tracy	\$13.44	\$15.40	1	\$0		so		\$0	j	\$0		\$0	i	so	ŏl		Environmental Technical Support
	Chris Norris	\$20.54	\$21.15		\$0		\$0 \$0 \$0		\$0	j	so	1	\$0	1	sol	ŏl	SO:	CAD Drawings, Document Preparation
	Mark Cohoon	16.46	19.96		\$0		\$0		\$0	1	\$0	1	\$0		\$0	ől	\$0	CAD Drawings, Document Preparation
larine Operations Specialist	Jeffrey Pitts	\$22.44	\$23.25		\$0	}	\$o		\$0		\$0		\$0	-	\$0	o		Marine Operations, Construction Inspection
: о-ор	Bnan Wolff	10.54	10.54		\$0		\$0		\$0		\$0		\$0	- 1	\$0	0		Engineering Technical Support
oat/Equipment Operator	various	\$15.00	\$15.00		\$0		\$0		\$0		\$0		\$0		\$0		\$0	
abor Sub-Total				0	\$0	. 0	\$0	0	\$0	0	\$0	0	\$0	34	\$813	34	\$813	
innge @ 44.1% of labor		Τ			\$0		\$0		\$0		\$0	T	\$0	1	\$358.62	I	\$358.62	
overhead @ 45% of labor					\$0		\$0		\$0	- 1	\$0		\$0		\$366		\$366	
Total Loaded Labor					\$0		\$0		\$0		\$0		\$0		\$1,538		\$1,538	
DIRECT COST														—				
fileage		0.31			so		\$0		so	- 1	so	i i	so	75	\$23		\$23	
ravel, Lodging, Per Diem		0.01			•		•	1	~		•		•	۱۲۱	""		\$0	
upplies and Materials							İ		I		j			- 1	\$10	ľ	\$10	
nnting & Reproduction								i	ļ		1		1	- 1			\$0	-
ostage		. 1]	,				i	1		1	\$10	- 1	\$10	
elephone, Communications										- 1		. [\$10	i	\$10	
IES CAD Burden Rate		\$18.00			\$0	1	\$0		\$0	- 1	\$0		\$0		sol		\$0	
ehicle Service/Rental														- 1	<u> </u>		\$0	
oat Service/Rental]	1		Į.	- 1		- 1	- 11	1	\$0	
pecial Equipment						l		1	l	1	1	l	İ			i	. \$0	
Other									ĺ		į	I]		li li	j	\$0	•
ontracted Services (GBA)					\$0		\$18,769	ŀ	\$4,511		\$2,784		\$2,529		\$1,553		\$30,146	Dredging Engineering Planning and Technical Services
ontracted Services (Dolinar)					\$0		\$0		\$0	- 1	\$0		\$0		\$0		\$0	
ontracted Services (Moffat & Nichol)					\$0	1	\$0	٠	\$0		\$0		\$0	- 1	\$0	- 1	\$0	
ontracted Services									l		- 1	- 1		- 1	- 11	- 1	\$0	
Contracted Services	•				·	J	. [- 1		į	- 1	4		ll.	l l	\$0	
Contracted Services						- 1		- 1	l		ŀ	. [l			ļ	\$0	·
Total Direct Costs					\$0		\$18,769	 +	\$4,511		\$2,784		\$2,529		\$1,606		\$30,199	

Subtask 5.1: GBA Subtask 2.1.5.a - PSDDF Modeling Plan Subtask 5.2: GBA Subtask 2.1.5.b - PSDDF Modeling Subtask 5.3: GBA Subtask 2.1.5.c - Assessment of Dredged Material Elevations Subtask 5.4: GBA Subtask 2.1.5.d - Phase One Cell Volume and Capacity Tables Subtask 5.5: GBA Subtask 2.1.5.e - Elevations Modeling Report Subtask 5.6: GBA Subtask 2.1.5.f - Planning and Task Management

TASK 6 - PLAN AND DESIGN (CENAB Item 2.1.6)

Requested Budget Increase for Task 6 through December 31, 2001

MES LABO)R			sk 6.1 <i>(GBA</i> ask 2.1.6.a)		sk 6.2 (GBA ask 2.1.6.b)		sk 6.3 (GBA ask 2.1.6.c)		isk 6.4 (GBA ask 2.1.6.d)	TASK	TOTALS	Work Performed
		FY01					-						
Category	Employee	Hourly Rate	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	
oject Director/Senior Planner	Wayne Young	\$37.04		\$0	•	\$0	4	\$148	1	\$37	5	\$185	Project/Operations Planning, Contract Oversight, Tech. Review Project Management, Ops Planning, Note: K. Wikar thru 10/20/00; S.
oject Manager	see note at right	\$27.71	8	\$222	8	. \$222	8	\$222	. 2	\$55	26	\$720	Storms from 10/20
nior Environmental Scientist	Cecelia Donovan	\$29.24		\$0		\$0	40	\$1,170		\$0	40		Environmental Science/Monitoring
vironmental Scientist	Tammy Banta	\$26.07		\$0		\$0		\$0		\$0	0	\$0	Environmental Science/Monitoring Alternate Project Manager, Environmental Science. Position will be backfilled or hours reprogrammed to others upon assignment as project.
. Project Manager/ Env. Scientist	Steve Storms	\$24.86		\$0		\$0	40	\$994	0	\$0	40	\$994	manager. Contracting Planning and Documentation and Mgt. Support; Note: Posi
oject Management Specialist	see note at right	\$23.00	1	\$0		\$0		\$0	:	\$0	0		being filled
vironmental Specialist	Melissa Slatnik	\$15.38		\$0		\$0	20		20	\$308	40		Task Mgt.Support/Env. Science/Geology
vironmental Specialist	Sue Kelly	\$16.27 \$16.72		\$0		\$0		\$0 \$0		\$0	0		Environmental Science/Biology Environmental Technical/Inspection, Phragmites Control
vironmental Specialist vironmental Specialist	Tom Humbles Erika Kehne	\$10.72		\$0 \$0		\$0 \$0		\$0 \$0		\$0 \$0			Environmental Technical
ivironmental Specialist	Doug Taylor	\$12.40 \$13.62	[\$0 \$0		\$U en		\$0 \$0		\$0 \$0	"		Environmental Technical/Inspection
ivironmental Specialist	Gwen Neate	\$13.83		\$0 \$0		\$0 \$0	40	\$553		\$0 \$0	40		Environmental Technical
enior Engineer	William Chicca	\$38.04		\$0		\$0		\$0		\$0 \$0	اه ا		Engineering Planning and Review
igineer, Civil	Larry Walsh	\$29.68		\$0		\$0		\$0		\$0	l . o		Construction Planning
gineer, Civil	David Foster	\$29.42		\$0		\$0		\$0		. \$0	0	\$0	Engineering Design Evaulation, Cost Estimates Civil and Dredging Engineering, Surveys. Note: S. Moore until 11/16;
gineer, Civil	see note at right	\$21.59 \$29.68	8	\$173	8			\$0		\$0	16		position being filled
gineer, Civil gineer, Civil	Les Shaw Charles Peng	\$29.66 \$24.06		\$0 \$0		\$0 \$0		\$0 \$0 \$0 \$0:		\$0 \$0	"		Engineering Design Evaulation, Cost Estimates Engineering Design Evaulation, Cost Estimates
gineer, Covil	Ellis Heath	\$19.17		\$0		\$0.		\$0		\$0 \$0			Construction Engineering
erations Field Supervisor	Allen West	\$18.21	1	\$0		\$0 \$0		\$0		\$0	ا ما		Field Operations Planning
vironmental Dredging Tech	James Tracy	\$15.40		\$0		\$0	1	\$0		\$0	l ol		Environmental Technical Support
AD Technician	Chris Noms	\$21.15		\$0	j	\$0	-	\$0 \$0		\$0		\$0	CAD Drawings, Document Preparation
AD Technician	Mark Cohoon	19.96		\$0	Ì	\$0		\$0		\$0	0		CAD Drawings, Document Preparation
arine Operations Specialist	Jeffrey Pitts	\$23.25		\$0		\$0		\$0		\$0	j o		Marine Operations, Construction Inspection
≻ ор	Brian Wolff	10.54		\$0		\$0		\$0		\$0	0		Engineering Technical Support
at/Equipment Operator_	various	\$15.00		\$0 \$394		\$0 \$394	150	\$0		\$0	207	\$0 \$4,584	
bor Sub-Total	<u> </u>		16	\$ 394]	16	\$394]	152	\$3,395	23	\$400	207	\$4,564	
nge @ 44.1% of labor erhead @ 45% of labor				\$174 \$177		\$174 \$177		\$1,497 \$1,528		\$176 \$180		\$2,021 \$2,063	
Total Loaded Labor				\$746		\$746		\$6,419		\$757		\$8,667	
1041 204000 24501	<u> </u>			\$1401		\$1401	1	30,413		\$151		\$0,007	1
RECT COST		0.31		\$0		\$0		\$0		\$0		\$0	
ivel, Lodging, Per Diem				•		**		•		-		\$0	
pplies and Materials						- (ļ			\$10		\$10	
nting & Reproduction							ļ					\$0	
stage		1			ļ					\$10		\$10	
lephone, Communications				_ [i	_ [ĺ	İ		\$10		\$10	
S CAD Burden Rate	.	\$18.00		\$0		\$0		\$0		\$0		\$0	i e e e e e e e e e e e e e e e e e e e
hide Service/Rental at Service/Rental				İ		Į		ì				\$0 \$0	
ecial Equipment							.		İ			\$0 \$0 \$0	
ntracted Services (GBA)	Ì	i		\$0		\$0	İ	\$o	l	\$0	1		Dredging Engineering Planning and Technical Services
ntracted Services (Dolinar)]			\$0	i	\$0 \$0	ŀ	\$0 \$0		\$0]	\$0	
Intracted Services (Moffat & Nichol)]	l		so		\$0	ļ	\$o	i	so		\$0	
intracted Services	[\$0		\$0	ļ	\$0		\$0		\$0	·
ntracted Services		Ī		\$0	J	\$0		\$0	ſ	\$0]	\$0	
Intracted Services	1	İ		\$0		\$0	1	\$0		\$0		\$0	
					1		1	1					· ·
Total Direct Costs				\$0		\$0		\$0		\$30		\$30	

Subtask 6.1: GBA Subtask 2.1.6.a - Marsh Construction Technical Analysis
Subtask 6.2: GBA Subtask 2.1.6.b - Water Level Control and Effluent Quality Techniques
Subtask 6.3: GBA Subtask 2.1.6.c - Concept Plan for Marsh Construction
Subtask 6.4: GBA Subtask 6.1.5.d - Task 2.1.6 Planning and Task Management

TASK 7 - MATERIAL MANAGEMENT PLAN FOR FIRST DREDGING CYCLE (CENAB Item 2.1.7)

Requisted Budget Increase for Task 7 through December 31, 2001

MES	LABOR	FY00	FY01		sk 7.1 (GBA ask 2.1.7.a)			Subtask 7 Subtask		task 7.4 (GBA btask 2.1.7.d)		ask 7.5 (GBA task 2.1.7.e)		sk 7.6 (GBA esk 7.1.4.f)	Subtask 7.1 Subtask 2.		TASK	TOTALS	Work Performed
Category	Employee .	Hourty Rate	Hourty	Hours	Hours	Cost	Cost He	ours	Cost Hour	s Cost		Hours	Cost	Cost			Hours	Cost	
Project Director/Senior Planner	Wayne Young	\$35.61	\$37.04	ļ	so		\$0		\$0	\$0		\$0	8	\$296	2	\$74	10		Project/Operations Planning, Contract Oversight, Tech. Review
Project Manager	see note at right	\$24.31	\$27.71	!	so		\$o		so					•		:			Project Management, Ops Planning, Note: K. Wikar thru 10/20/00;
enior Environmental Scientist	Cecelia Donovan	\$28.12			so		\$0	ı	\$0 \$0	\$0 \$0		\$0		\$443	4	\$111	20		Storms from 10/20
nvironmental Scientist	Tammy Banta	\$25.06			l sol		\$0		\$0 \$0	\$0	ـنــ	\$0 \$0		\$0 \$0	- 1	\$0	0		Environmental Science/Monitoring
	1 '	`			"		! ~	- 1	•	30		30		. 30	- 1	\$0	۷		Environmental Science/Monitoring Alternate Project Manager, Environmental Science. Position will be
M. Barianthananad E			1 1		l				i			1 1		ŀ	ļ	.	i		backfilled or hours reprogrammed to others upon assignment as pr
It. Project Manager/ Env. Scientist	Steve Storms	\$23.09	\$24.86		\$0		\$ 0	- 1	\$0	\$0		so so		\$0	1	·so	ol		manager.
roject Management Specialist	see note at right	60.00			اما		il	- 1							- 1	·	ŀ	.	Contracting Planning and Documentation and Mgt. Support, Note: I
invironmental Specialist	Melissa Slatnik	\$0.00 \$14.87			\$0		\$0	ı	\$0	\$0		\$0		\$0	i	\$0	이		being filled
invironmental Specialist	Sue Kelly	\$14.22			\$0 \$0		\$0	1	\$0	\$0		\$0		\$0	16	\$246	16	\$246	Task Mgt.Support/Env. Science/Geology
nvironmental Specialist	Tom Humbles	\$16.23	\$16.72		so		\$0 \$0		\$0 \$0	\$0		\$0		\$0		\$0	익		Environmental Science/Biology
nvironmental Specialist	Erika Kehne	\$11.58	\$12.40		so		\$0 \$0	- 1	\$0 \$0	\$0		\$0 \$0		\$0 \$0	ļ	\$0	0		Environmental Technical/Inspection, Phragmites Control
nvironmental Specialist	Doug Taylor	\$13.35	\$13.62		\$0	ĺ	\$0	- 1	\$0 \$0	\$0 \$0		\$0		\$0 \$0	1.	\$0	o		Environmetal Technical Environmental Technical/Inspection
nvironmental Specialist	Gwen Neate	\$0.00	\$13.83	l	\$0	ļ	\$0	ĺ		so:		\$0		. \$0 \$0		\$0 \$0	Ol.		Environmental Technical/Inspection Environmental Technical
enior Engineer	William Chicca	\$36.48	\$38.04		\$0	- 1	\$0 \$0	- 1	\$0 \$0	sol		sol		\$0		\$0	ŏ		Engineering Planning and Review
ngineer, Civil	Larry Walsh	\$28.53	\$29.68		\$0	- 1	\$0	- 1	\$0	\$0		\$0		\$0		soll	ŏ		Construction Planning
ngineer, Civil	David Foster	\$28.29	\$29.42	ļ	\$0	İ	\$0		\$0	\$0		\$0		\$0		\$0	ō		Engineering Design Evaulation, Cost Estimates
ngineer, Civil	see note at night	640.20		ĺ		- 1			!]			- 1	lŧ.		lo	Civil and Dredging Engineering, Surveys. Note: S. Moore until 11/10
ngineer, Civil	Les Shaw	\$19.30 \$28.53	\$21.59 \$29.68	ļ	\$0	- 1	\$0	ı	\$0	\$0		\$0 \$0	16	\$345	- 1	\$0	16		position being filled
ngineer, Civil	Charles Peng	\$23.13	\$29.06	1	\$0 \$0	.	\$0 \$0	- 1	\$0	\$0		\$0	l	\$0	- 1	\$0 \$0	0		Engineering Design Evaulation, Cost Estimates
ngineer, Construction	Ellis Heath	\$18.61	\$19.17		\$0	- 1	\$0 \$0	- 1	\$0 \$0	\$0		\$0		\$0	i	\$0	0		Engineering Design Evaulation, Cost Estimates
perations Field Supervisor	Allen West	\$17.08	\$18.21	- !	\$0 \$0		\$0 \$0	- 1	\$0 \$0	\$0		\$0 \$0		\$0		sol	0		Construction Engineering
nvironmental Dredging Technician	James Tracy	\$13.44	\$15.40	- 1	\$0 \$0		\$0	-	. so	\$0 \$0		\$0 \$0		\$0		\$0	0		Field Operations Planning
AD Technician	Chris Norris	\$20.54	\$21.15	- 1	\$0	i	\$0	- 1	\$0	\$0		\$0	i	\$0 \$0	1	\$0 \$0			Environmental Technical Support CAD Drawings, Document Preparation
AD Technician	Mark Cohoon	16.46	19.96	- 1	\$0	- 1	so	- 1	\$0	\$0		so so		\$0	1	\$0	ă	\$010	CAD Drawings, Document Preparation
arine Operations Specialist	Jeffrey Pitts	\$22.44	\$23.25	- 1	\$0	i	\$0	- 1	\$0	\$0		sol	- 1	\$0	i	\$0	ő	sol	Marine Operations, Construction Inspection
o-op	Brian Wolff	10.54	10.54	i	\$0		\$0		\$0	sol		\$0		\$0		so	ŏ		Engineering Technical Support
pat/Equipment Operator	various	\$15.00	\$15.00		\$0		\$0		\$0	\$0		\$0		\$0	L_	\$0	0	\$0	
aud Sub-rotal	<u> </u>	ــــــــــــــــــــــــــــــــــــــ		0	\$0	_0	\$0	0	\$0	[02	0	\$0	40	\$1,085	22	\$431	62	\$1,516	
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verhead @ 45% of labor		0.45	0.45	ĺ	so	- 1	\$0		\$0	\$0 \$0	i	\$0 \$0		\$479 \$488	- 1	\$190 \$194	i	\$669 \$682	
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chicle Service/Rental nat Service/Rental necial Equipment her ntracted Services (GBA)				- 1	\$0	- 1		Į					- 1	en	1		- 1	4-1	
chicle Service/Rental lat Service/Rental lecial Equipment her intracted Services (GBA) intracted Services (Dolinar)					\$0		\$0	- 1	\$0	so	ı	\$0	ļ	30		\$0		20	
chicle Service/Rental nat Service/Rental necial Equipment her ntracted Services (GBA)					\$0 \$0		\$0 \$0		\$0 \$0	\$0		\$0		\$0		\$0		\$0 \$0	
chicle Service/Rental lat Service/Rental lecial Equipment her intracted Services (GBA) intracted Services (Dolinar) intracted Services (Moffat & Nichol)					\$0 \$0 \$0		\$0 \$0 \$0		\$0 \$0 \$0	\$0 \$0		\$0 \$0		\$0		\$0 \$0		\$0	
chicle Service/Rental lat Service/Rental lecial Equipment her intracted Services (GBA) lintracted Services (Dolinar) intracted Services (Moffat & Nichol) intracted Services					\$0 \$0 \$0 \$0		\$0 \$0 \$0 \$0		\$0 \$0 \$0 \$0	\$0 \$0 \$0		\$0 \$0 \$0		\$0 \$0		\$0 \$0 \$0		\$0 \$0	
nicle Service/Rental at Service/Rental ccial Equipment er atracted Services (GBA) atracted Services (Dolinar) atracted Services (Moffat & Nichol) atracted Services atracted Services					\$0 \$0 \$0		\$0 \$0 \$0		\$0 \$0 \$0	\$0 \$0		\$0 \$0		\$0		\$0 \$0		\$0	

Subtask 7.1: GBA Subtask 2.1.7.a - Placement Methods
Subtask 7.2: GBA Subtask 2.1.7.b - Phase I Cell Volume and Potential Capacity
Subtask 7.3: GBA Subtask 2.1.7.c - Wetland Cell Filling Procedures
Subtask 7.4: GBA Subtask 2.1.7.d - Upland Cell Filling Procedures
Subtask 7.5: GBA Subtask 2.1.7.e - Material Placement Plan for First Dredged Material Placement Cycle
Subtask 7.6: GBA Subtask 2.1.7.f - Plan and Design Dredged Material Fill Area for Future Use as a Test Plot
Subtask 7.7: GBA Subtask 2.1.7.g - Planning and Task Management

TASK 8 - FILLING SCHEDULE AND QUANTITIES FOR FIRST PLACEMENT CYCLE (CENAB Item 2.1.8)

Requested Budget Increase for Task 8 through December 31, 2001

	1 4 DOD				sk 8.1 (GBA sk 2.1.8.a)		sk 8.2 (GBA ask 2.1.8.b)		sk 8.3 (GBA ask 2.1.8.c)	TASK	TOTALS	Work Performed
MES .	LABOR	FY00	FY01	Subia	SK 2.1.0.a)	SUDIE	ISK 2. 1.0.D)	SULA	3A 2.1.0.0)	TAUN.	TOTALO	
Category	Employee	Hourly Rate	Hourly Rate	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	
Project Director/Senior Planner	Wayne Young	\$35.61	\$37.04		\$0		\$0	0	so	0	-	Project/Operations Planning, Contract Oversight, Tech. Review Project Management, Ops Planning. Note: K. Wikar thru 10/20/00; S.
Project Manager	see note at right	\$24.31	\$27.71		\$0		\$0	0	\$0	0		Storms from 10/20
Senior Environmental Scientist	Cecelia Donovan	\$28.12	\$29.24		\$0		\$0		\$0	이		Environmental Science/Monitoring
nvironmental Scientist	Tammy Banta	\$25.06	\$26.07		\$0		\$0		\$0	이	\$0	Environmental Science/Monitoring Alternate Project Manager, Environmental Science. Position will be
		l <u>1</u>										backfilled or hours reprogrammed to others upon assignment as project
It. Project Manager/ Env. Scientist	Steve Storms	\$23.09	\$24.86		\$0		\$0		\$o	0	\$0	manager. Contracting Planning and Documentation and Mgt. Support; Note: Positi
i Management Coordinate	see note at right	\$0.00	\$23.00		\$0		\$0		sol	o		being filled
roject Management Specialist nvironmental Specialist	Melissa Slatnik	\$14.87	\$15.38	l	\$0		\$0	l ol	\$0 \$0	o	\$0	Task Mgt.Support/Env. Science/Geology
nvironmental Specialist	Sue Kelly	\$14.22	\$16.27		\$0		\$0		\$0	ᅵ 이		Environmental Science/Biology
nvironmental Specialist	Tom Humbles	\$16.23	\$16.72		\$0		\$0		\$0 \$0	이		Environmental Technical/Inspection, Phragmites Control
nvironmental Specialist	Enka Kehne	\$11.58	\$12.40		\$0 \$0		\$0		\$0	0		Environmetal Technical
invironmental Specialist	Doug Taylor	\$13.35	\$13.62		\$0		\$0		\$0	0		Environmental Technical/Inspection
nvironmental Specialist	Gwen Neate	\$0.00	\$13.83		. \$0		\$0		\$0	0		Environmental Technical
enior Engineer	William Chicca	\$36.48	\$38.04		\$0		\$0		, \$0			Engineering Planning and Review Construction Planning
Ingineer, Civil	Larry Walsh	\$28.53	\$29.68		\$0		\$0 \$0		\$0 \$0	۱ ۱		Engineering Design Evaulation, Cost Estimates
ngineer, Civil	David Foster	\$28.29	\$29.42		\$0		\$0 \$0	i i	1	٥		Civil and Dredging Engineering, Surveys. Note: S. Moore until 11/16; position being filled
ngineer, Civil	see note at right Les Shaw	\$19.30 \$28.53	\$21.59 \$29.68		\$0 \$0		\$0 \$0		sol	ا ما	\$0	Engineering Design Evaulation, Cost Estimates
ngineer, Civil	Charles Peng	\$20.53	\$29.06		\$0		\$0		\$0 \$0 \$0	l ol	\$0	Engineering Design Evaulation, Cost Estimates
ngineer, Civil ngineer, Construction	Ellis Heath	\$18.61	\$19.17		so.		\$0		\$0 \$0 \$0			Construction Engineering
perations Field Supervisor	Allen West	\$17.08	\$18.21		\$0 \$0		\$0		\$0	ᅵ 이		Field Operations Planning
nvironmental Dredging Tech	James Tracy	\$13.44	\$15.40		\$0		\$0		\$0	0		Environmental Technical Support
CAD Technician	Chris Nomis	\$20.54	\$21.15		\$0		\$0		\$0	0		CAD Drawings, Document Preparation
AD Technician	Mark Cohoon	16.46	19.96		\$0		\$0		\$0	0		CAD Drawings, Document Preparation
Narine Operations Specialist	Jeffrey Pitts	\$22.44	\$23.25		\$0	[\$0		\$0			Marine Operations, Construction Inspection
Co-op ·	Brian Wolff	10.54	10.54		\$0	ł	\$0	1	\$0	1 "	30	Engineering Technical Support
Soat/Equipment Operator	vanous	\$15.00	\$15.00	o	\$0	0	\$0	0	\$0	- 0	\$0	
abor Sub-Total					30	<u> </u>						
ringe @ 44.1% of labor Overhead @ 45% of labor		0.442 0.45	0.441 0.45		\$0 \$0		\$0 \$0		\$0 \$0		\$0 \$0	
Total Loaded Labor		0.45	0.40	-	\$0		\$0		\$0		\$0	
1021 200200 200	1										-·	
NRECT COST		0.31	0.31		so.		\$0	. 0	\$o		\$0	
ravel, Lodging, Per Diem				1	ļ						\$0 \$0	-
Supplies and Materials				i	ļ	}			\$0		\$0 \$0	
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ostage	1				1		1		so so		\$0	
elephone, Communications		\$18.00	\$18.00	Ì	so so		\$0		\$0 \$0		\$0	1
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enice Service/Rental loat Service/Rental				i					\$0		\$0	
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Contracted Services (GBA)					· \$0		\$0		\$0 \$0		\$0	1 000
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Contracted Services (Moffat & Nicho)				\$0		\$0		\$0		\$0	
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Contracted Services	1				\$0		\$0		\$0		\$0 \$0	
Contracted Services	l	i			\$0		\$0	1	\$0	1	\$0 \$0	
		 			\$0	 	\$0	1	\$0		\$0	
Total Direct Costs												

Subtask 8.1: GBA Subtask 2.1.8.a - Placement Quantity Estimates Subtask 8.2: GBA Subtask 2.1.8.b - Filling Schedule and Quantities Subtask 8.3: GBA Subtask 2.1.8.c - Task 2.1.8 Planning and Task Management

TASK 9 - TECHNICAL ASSISTANCE FOR PLANNING FIRST PLACEMENT CYCLE (CENAB Items 2.1 and 2.3)

Requested Budget Increase for Task 9 through December 31, 2001

MES	LABOR	FY00	FY01		sk 9.1 (GBA isk 2.1.9.a)		9.2 (CENAB 2.1.11)		x 9.3 (CENAB n 2.3.15)		k 9.4 (CENAB M 2.3.16)		k 9.5 (CENAB n 2.3.17)		sk 9.6 (no B number)		sk 9.7 (GBA ask 2.1.9.b)	TASK	TOTALS	Work Performed
Category	Employee	Hourly Rate	Hourly Rate	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	
roject Director/Senior Planner	Wayne Young	\$35.61	\$ 37.04		\$0	4	\$148	8	\$296	4	\$148	4	\$148		\$0	2	\$74	22		Project/Operations Planning, Contract Oversight, Tech. Review
roject Manager enior Environmental Scientist	see note at right	\$24.31	\$27.71		\$0	16	\$44 3	12	\$333	4	\$111	8	\$222	1	\$28	8	\$222	. 49		Project Management, Ops Planning. Note: K. Wikar thru 10/20/00; Storms from 10/20
nvironmental Scientist	Cecelia Donovan Tammy Banta	\$28.12 \$25.06	\$29.24 \$26.07	į	\$0 \$0	15	\$439 \$0	8	\$234 \$0	4	\$117 \$0	4	\$117 \$0	1	\$29 \$0		\$0 \$0	32 0	\$0	Environmental Science/Monitoring Environmental Science/Monitoring Alternate Project Manager, Environmental Science. Position will be
lt. Project Manager/ Env. Scientist	Steve Storms	\$23.09	\$24.86		\$0	24	\$ 597		\$0	ĺ	\$0	4	\$99	8	\$199		\$0	36	. \$895	backfilled or hours reprogrammed to others upon assignment as primanager.
roject Management Specialist nvironmental Specialist	see note at right Melissa Slatnik	\$0.00 \$14.87	\$23.00 \$15.38		\$0 \$0		\$0 \$0		\$0 \$0		\$0 \$0	ļ	\$0 \$0		\$0 \$0	24	\$0	0	\$0	Contracting Planning and Documentation and Mgt. Support; Note: Position being filled
nvironmental Specialist nvironmental Specialist	Sue Kelly Tom Humbles	\$14.22 \$16.23	\$16.27 \$16.72	İ	\$0		\$0	İ	\$0	İ	\$0	Ì	\$0	1	\$0	24	\$369 \$0	24 0	\$0	Task Mgt.Support/Env. Science/Geology Environmental Science/Biology
invironmental Specialist	Erika Kehne	\$11.58	\$12.40		\$0 \$0	8	\$134 \$0	ļ	\$0 . \$0	1	\$0 \$0		\$0 \$0		\$0 \$0		\$0 \$0	8	\$134	Environmental Technical/Inspection, Phragmites Control Environmetal Technical
nvironmental Specialist nvironmental Specialist	Doug Taylor Gwen Neate	\$13.35 \$0.00	\$13.62 \$13.83	ĺ	\$0 \$0	8	\$109 \$0	İ	\$0 \$0		\$0 \$0		\$0		\$0		\$0	8	\$109	Environmental Technical/Inspection
enior Engineer Ingineer, Civil	William Chicca	\$36.48	\$38.04		\$0		- \$0		\$0		\$0		\$0 \$0	ĺ	\$0 \$ 0		\$0 \$0	0		Environmental Technical Engineering Planning and Review
ngineer, Civil	Larry Walsh David Foster	\$28.53 \$28.29	\$29.68 \$29.42	Ì	\$0 \$0		\$0 \$0	ĺ	- \$0 \$0		\$0 \$0		\$0 \$0		\$0 \$0	.	\$0 \$0	o	\$0	Construction Planning
ngineer, Civil	see note at right	\$19.30	\$21.59		\$0			}				ا۔	-				- 1	ŋ		Engineering Design Evaulation, Cost Estimates Civil and Dredging Engineering, Surveys. Note: S. Moore until 11/1
ngineer, Civil	Les Shaw	\$28.53	\$29.68		\$0		\$0 \$0		\$0 \$0 \$0	İ	\$0 \$0 \$0	8	\$173 \$0		\$0 \$0		\$0 \$0	8	\$173 \$0	position being filled Engineering Design Evaulation, Cost Estimates
	Charles Peng Ellis Heath	\$23.13 \$18.81	\$24.06 \$19.17		\$0 \$0	1	\$0 \$0		\$0 \$0		\$0 \$0		\$0		. \$0	ļ	\$0	ō	sol	Engineering Design Evaulation, Cost Estimates
· · · .	Allen West	\$17.08	\$18.21		\$0	1	\$0		\$0		\$0		\$0 \$0	- [\$0 - \$0		\$0 \$0	0	\$0	Construction Engineering Field Operations Planning
AD Technician	James Tracy Chris Nomis	\$13.44 \$20.54	\$15.40 \$21.15	1	\$0 \$0	4	\$0 \$85		\$0 \$0		\$0 \$0	•	\$0 \$0		\$0 \$0		\$0 \$0	٥	\$0	Environmental Technical Support
	Mark Cohoon Jeffrey Pitts	16.46 \$22.44	19.96 \$23.25		\$0 \$0		\$0		\$0	ĺ	\$0		\$0	1	\$0	- [\$0	ð	\$65 \$0	CAD Drawings, Document Preparation CAD Drawings, Document Preparation
ю-ор	Brian Wolff	10.54	10.54	İ	\$0 \$0		\$0 \$0		\$0 \$0		\$0 \$0		\$0 \$0		\$0 \$ 0		\$0 \$0	. 0	\$0	Marine Operations, Construction Inspection Engineering Technical Support
oat/Equipment Operator abor Sub-Total	various	\$15.00	\$15.00	0	\$0 \$0	79	\$0 \$1,954	28	\$0 \$863	12	\$0 \$376	28	\$0 \$759	10	\$0 \$256	34	\$0 \$665	0 191	\$0 \$4,872	
inge @ 44.1% of labor		0.442	0.441		60												3005[]	1911	\$4,072	•
verhead @ 45% of labor		0.442	0.441 0.45		\$0 \$0		\$862 \$879		\$380 \$388		\$166 \$169	.	\$335 \$342	j	\$113 \$115		\$293 \$299		\$2,149 \$2,193	
Total Loaded Labor	L]		\$0		\$3,695		\$1,631		\$711		\$1,435		\$484		\$1,257		\$9,214	
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ostage elephone, Communications	1		-		[1										-	\$0		\$0	
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at Service/Rental	1	1			ĺ				İ	ļ	ĺ	- 1					\$0 \$0		\$0 \$0	
ecial Equipment her			ļ	1			Ì										\$0	1	\$0 \$0	
intracted Services (GBA)	1	ł	1		\$0		- \$0		so		so		\$o	ı	. \$0		\$0 \$0		\$0	Dredging Engineering Planning and Technical Services
Intracted Services (Dolinar) Intracted Services (Moffat & Nichol)		.			\$0 \$0		\$0		\$0	- 1	\$0		\$0		\$0		· \$0		\$0	oroughly digitized high righting and recritical services
ontracted Services	İ	l	j		\$0		\$0 \$0		\$0 \$0		\$0 \$0		\$0 \$0		\$0 \$0	- [\$0 \$0		\$0 \$0	
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Subtask 9.1: GBA Subtask 2.1.9.a - Dredging Contract Plans and Specifications Subtask 9.2: CENAB Item 2.1.11 - Water Quality Monitoring Subtask 9.3: CENAB Item 2.3.15 - Rules and Regulations for Dredging Contractors Subtask 9.4: CENAB Item 2.3.16 - Unexploded Ordnance Polices and Proceduresd Subtask 9.5: CENAB Item 2.3.17 - Reports and Documentation Assessment Subtask 9.6: Water Appropriation Permit (no CENAB number) Subtask 9.7: MES Task 9.7/GBA Subtask 2.1.9b - Planning and Task Management

TASK 10 - SITE SUPPORT AND LOGISTICS (CENAB Item 2.2)

Requested Budget Increase for Task 10 through December 31, 2001

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Subtask 10.1: CENAB Item 2.2.1 - Buildings
Subtask 10.2: CENAB Item 2.2.2 - Offloading Dock
Subtask 10.3: CENAB Item 2.2.3 - Public Observation Structure
Subtask 10.4: CENAB Item 2.2.4 - Phone/Power
Subtask 10.5: CENAB Item 2.2.6 - Navigation Aids
Subtask 10.6: CENAB Item 2.2.7 - Fuel Supply
Subtask 10.7: CENAB Item 2.2.8 - Transportation
Subtask 10.8: CENAB Item 2.2.9 - Communications Plan
Subtask 10.9: CENAB Item 2.2.10 - Land Base
Subtask 10.10: Task 10 Planning and Task Management

TASK 11 - DESIGN CRUST MANAGEMENT PLAN AND OPERATIONS PLANNING

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roject Director/Senior Planner	Wayne Young	\$35.61	\$37.04		\$0	40	\$1,482		201	40	\$1,402	- Note: Wilder thru 10/20/00: S
1	1	ı l	1	i 1					- 11			Project Management, Ops Planning. Note: K. Wikar thru 10/20/00; S.
Imiget Manager	see note at night	\$24.31	\$27.71	l ol	\$0	8	\$222	i	\$0	8	\$222	Storms from 10/20
, a) a c , , , a , a , a , a , a , a , a , a	Cecelia Donovan	\$28.12	\$29.24		\$0	8	\$234	i	\$0	8	\$234	Environmental Science/Monitoring
Cities Entrance	Tammy Banta	\$25.06	\$26.07	1 1	\$0		\$0		\$0	. 0	\$0	Environmental Science/Monitoring
Invironmental Scientist	l'animity Danies	, 020.00			•	:	1	1	- 11			Alternate Project Manager, Environmental Science. Position will be
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Alt. Project Manager/ Env. Scientist	Steve Storms	\$23.09	\$24.86	1 1	\$0	16	\$398		\$0	16	\$398	manager.
it. Project Manager/ Env. Scientist	Gieve Gionnis	1 020.00	42		-			l	- 11			Contracting Planning and Documentation and Mgt. Support; Note: Positio
Project Management Specialist	see note at right	\$0.00	\$23.00	1 1	\$0		\$0	l l	\$0	0		being filled ·
.0,00	Melissa Slatnik	\$14.87	\$15.38		\$0		\$0		\$0	0		Task Mgt.Support/Env. Science/Geology
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Invironmental Specialist	Tom Humbles	\$16.23			\$0 \$0		\$0	1	\$0	Ō		Environmetal Technical
	Erika Kehne	\$11.58						i	\$0	0		Environmental Technical/Inspection
	Doug Taylor	\$13.35			\$0		\$0	I	\$0	0		Environmental Technical
	Gwen Neate	\$0.00			\$0] [\$0	- [\$0 \$0	Ö		Engineering Planning and Review
Senior Engineer	William Chicca	\$36.48			\$0		\$0	1	\$0 \$0	0		Construction Planning
	Larry Walsh	\$28.53	\$29.68		\$0	ļ	\$0	I	\$0 \$0	0	60	Engineering Design Evaulation, Cost Estimates
Engineer, Civil	David Foster	\$28.29	\$29.42	j ,	\$0	}	\$0		201	U	30	Civil and Dredging Engineering, Surveys. Note: S. Moore until 11/16;
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Engineer, Civil	see note at right	\$19.30	\$21.59	0	\$0	24	\$518	ľ	\$0	24	3510	position being filled Engineering Design Evaulation, Cost Estimates
Engineer, Civil	Les Shaw	\$28.53	\$29.68		\$0		\$0		\$0	0	\$0	Engineering Design Evaluation, Cost Estimates
	Charles Peng	\$23.13	\$24.06		\$0		\$0]	\$0	0	\$0	Engineering Design Evaulation, Cost Estimates
	Ellis Heath	\$18.61	\$19.17		\$0		\$0	1	\$0	0		Construction Engineering
goo., coc	Allen West	\$17.08	\$18.21		so.	8	\$146		\$0	8		Field Operations Planning
Sperations riols cape.	James Tracy	\$13.44	\$15.40		\$0	l 8	\$123		\$0	8		Environmental Technical Support
Environmental Dredging Tech	1 '	\$20.54	\$21.15		\$n		\$0	1	\$0	lo	\$0	CAD Drawings, Document Preparation
D. 10 1 00	Chris Norris			, ,	\$0 \$0] .	\$0		\$0	l o	\$0	CAD Drawings, Document Preparation
5, 12 . 555	Mark Cohoon	16.46			\$0		\$0		\$0	0	\$0	Marine Operations, Construction Inspection
Marine Operations Specialist	Jeffrey Pitts	\$22.44	\$23.25		\$0		\$0		\$0	1 0		Engineering Technical Support
•• •p	Brian Wolff	10.54	10.54		\$0		\$0	. 1	\$0	l d	so so	Boat/Equipment Operations
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Overhead @ 45% of labor Total Loaded Labor DIRECT COST Mileage		0.45	0.45	1	\$0		\$5,904				\$70	
Overhead @ 45% of labor Total Loaded Labor DIRECT COST Mileage Travel, Lodging, Per Diem		0.45	0.45	1	\$0	225	\$5,904				\$70 \$0 \$10	
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Overhead @ 45% of labor Total Loaded Labor DIRECT COST Mileage Travel, Lodging, Per Diem Supplies and Materials Printing & Reproduction		0.45	0.45	1	\$0 \$0	225	\$5,904 \$70 - \$10				\$70 \$0 \$10 \$25 \$10	
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Overhead @ 45% of labor Total Loaded Labor DIRECT COST Mileage Travel, Lodging, Per Diem Supplies and Materials Printing & Reproduction Postage Telephone, Communications		0.45	0.45	0	\$0 \$0 \$0 \$0 \$0	225	\$5,904 \$70 \$10 \$25 \$10 \$10				\$70 \$0 \$10 \$25 \$10	
Direct Cost Mileage Travel, Lodging, Per Diem Sprinting & Reproduction Postage Telephone, Communications MES CAD Burden Rate		0.45	0.45	0	\$0 \$0 \$0	225	\$5,904 \$70 \$10 \$25 \$10		\$0		\$70 \$0 \$11 \$25 \$10 \$10	
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Overhead @ 45% of labor Total Loaded Labor DIRECT COST Mileage Travel, Lodging, Per Diem Supplies and Materials Printing & Reproduction Postage Telephone, Communications MES CAD Burden Rate		0.45	0.45	0	\$0 \$0 \$0 \$0 \$0	225	\$5,904 \$70 \$10 \$25 \$10 \$10 \$0		\$0 \$0		\$70 \$0 \$11 \$25 \$10 \$10 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	
Overhead @ 45% of labor Total Loaded Labor DIRECT COST Mileage Travel, Lodging, Per Diem Supplies and Materials Printing & Reproduction Postage Telephone, Communications MES CAD Burden Rate Vehicle Service/Rental Boat Service/Rental Special Equipment Other Contracted Services (GBA)		0.45	0.45	0	\$0 \$0 \$0 \$0 \$0 \$0	225	\$5,904 \$70 \$10 \$25 \$10 \$10 \$0		\$0 \$0		\$70 \$0 \$11 \$25 \$11 \$11 \$5 \$6 \$6 \$6 \$6 \$6 \$6 \$6 \$6 \$6 \$6 \$6 \$6 \$6	Dredging Engineering Planning and Technical Services
Overhead @ 45% of labor Total Loaded Labor DIRECT COST Mileage Travel, Lodging, Per Diem Supplies and Materials Printing & Reproduction Postage Telephone, Communications MES CAD Burden Rate Vehicle Service/Rental Boat Service/Rental Special Equipment Other Contracted Services (GBA)		0.45	0.45	0	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	225	\$5,904 \$70 \$10 \$25 \$10 \$10 \$0 \$0	•	\$0 \$0 \$0 \$0		\$70 \$0 \$11 \$25 \$10 \$10 \$0 \$0 \$0 \$1,500	Dredging Engineering Planning and Technical Services Crust Management and Operations Planning Analytical Support
Overhead @ 45% of labor Total Loaded Labor DIRECT COST Mileage Travel, Lodging, Per Diem Supplies and Materials Printing & Reproduction Postage Telephone, Communications MES CAD Burden Rate Vehicle Service/Rental Boat Service/Rental Special Equipment Other Contracted Services (GBA) Contracted Services (Dolinar)		0.45	0.45	0	\$0 \$0 \$0 \$0 \$0 \$0	225	\$5,904 \$70 \$10 \$25 \$10 \$10 \$0	•	\$0 \$0		\$70 \$0 \$11 \$25 \$11 \$15 \$0 \$0 \$0 \$1,500	Dredging Engineering Planning and Technical Services Crust Management and Operations Planning Analytical Support
Overhead @ 45% of labor Total Loaded Labor DIRECT COST Mileage Travel, Lodging, Per Diem Supplies and Materials Printing & Reproduction Postage Telephone, Communications MES CAD Burden Rate Vehicle Service/Rental Boat Service/Rental Special Equipment Other Contracted Services (GBA) Contracted Services (Dolinar) Contracted Services (Moffat & Nichol)		0.45	0.45	0	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	225	\$5,904 \$70 \$10 \$25 \$10 \$10 \$0 \$0	•	\$0 \$0 \$0 \$0		\$70 \$0 \$10 \$25 \$10 \$10 \$5 \$6 \$6 \$1,500 \$1,500	Dredging Engineering Planning and Technical Services Crust Management and Operations Planning Analytical Support
Overhead @ 45% of labor Total Loaded Labor DIRECT COST Mileage Travel, Lodging, Per Diem Supplies and Materials Printing & Reproduction Postage Telephone, Communications MES CAD Burden Rate Vehicle Service/Rental Boat Service/Rental Special Equipment Other Contracted Services (GBA) Contracted Services (Moffat & Nichol) Contracted Services (Moffat & Nichol) Contracted Services		0.45	0.45	0	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	225	\$5,904 \$70 \$10 \$25 \$10 \$10 \$0 \$0	•	\$0 \$0 \$0 \$0		\$70 \$0 \$10 \$22 \$10 \$10 \$0 \$0 \$0 \$0 \$1,500 \$1,500 \$1,500	Dredging Engineering Planning and Technical Services Crust Management and Operations Planning Analytical Support
Direct @ 45% of labor Total Loaded Labor Direct COST Mileage Travel, Lodging, Per Diem Supplies and Materials Printing & Reproduction Postage Telephone, Communications MES CAD Burden Rate Vehicle Service/Rental Boat Service/Rental Boat Service/Rental Special Equipment Other Contracted Services (GBA) Contracted Services (Moffat & Nichol) Contracted Services Contracted Services Contracted Services Contracted Services		0.45	0.45	0	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	225	\$5,904 \$70 \$10 \$25 \$10 \$10 \$0 \$0	•	\$0 \$0 \$0 \$0		\$70 \$0 \$10 \$25 \$10 \$10 \$5 \$6 \$6 \$1,500 \$1,500	Dredging Engineering Planning and Technical Services Crust Management and Operations Planning Analytical Support
Directed @ 45% of labor Total Loaded Labor DIRECT COST Wileage Fravel, Lodging, Per Diem Supplies and Materials Ponting & Reproduction Postage Felephone, Communications MES CAD Burden Rate Vehicle Service/Rental Boat Service/Rental Special Equipment Other Contracted Services (GBA) Contracted Services (Moffat & Nichol) Contracted Services (Moffat & Nichol)		0.45	0.45	0	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	225	\$5,904 \$70 \$10 \$25 \$10 \$10 \$0 \$1,500 \$0		\$0 \$0 \$0 \$0 \$0		\$70 \$10 \$11 \$15 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10	Dredging Engineering Planning and Technical Services Crust Management and Operations Planning Analytical Support
IRECT COST fileage ravel, Lodging, Per Diem upplies and Materials rinting & Reproduction lostage elephone, Communications IES CAD Burden Rate lehicle Service/Rental load Service/Rental load Service/Rental contracted Services (GBA) contracted Services (Moffat & Nichol) contracted Services contracted Services		0.45	0.45	0	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	225	\$5,904 \$70 \$10 \$25 \$10 \$10 \$0 \$0		\$0 \$0 \$0 \$0		\$70 \$0 \$10 \$22 \$10 \$10 \$0 \$0 \$0 \$0 \$1,500 \$1,500 \$1,500	Dredging Engineering Planning and Technical Services Crust Management and Operations Planning Analytical Support
verhead @ 45% of labor Total Loaded Labor RECT COST ileage avel, Lodging, Per Diem upplies and Materials initing & Reproduction ostage elephone, Communications ES CAD Burden Rate ehicle Service/Rental oat Service/Rental pecial Equipment ther ontracted Services (GBA) ontracted Services (Moffat & Nichol) ontracted Services ontracted Services ontracted Services ontracted Services ontracted Services ontracted Services		0.45	0.45	0	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	225	\$5,904 \$70 \$10 \$25 \$10 \$10 \$0 \$1,500 \$0		\$0 \$0 \$0 \$0 \$0		\$70 \$10 \$11 \$15 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10	Dredging Engineering Planning and Technical Services Crust Management and Operations Planning Analytical Support

Subtask 11.1: CENAB Item 2.3.5 - Crust Management Plan for Long-Term Site Operations Subtask 11.2: Operations Planning and Documentation Subtask 11.3: Vacant

TASK 12 - PHRAGMITES CONTROL (CENAB Item 3.1)

Requested Budget Increase for Task 12 through December 31, 2001

MES L	AROR				ask 12.1 AB 3.1.1)		t 12.2 (CENAB am 3.1.2)	Subtask Ite	k 12.3 (CENAB m 3.1.3.)		12.4 (CENAB M 3.1.4)		ask 12.5 (no AB Number)	TASH	CTOTALS	Work Performed
MES L	4BUK	FY00	FY01	(CEN	AB 3.7.1)	716	111 3. 1.2)	 "			30.7.4)	<u> </u>	1		1	
		Hourty	Hourty				}				ļ			l		
Category	Employee	Rate	Rate	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	
roject Director/Senior Planner	Wayne Young	\$35.61	\$37.04		\$0		\$0		\$0		\$0	0	\$0	o	\$0	Project/Operations Planning, Contract Oversight, Tech. Review Project Management, Ops Planning, Note: K. Wikar thru 10/20/00
roject Manager	see note at right	\$24.31	\$27.71	İ	\$0		\$o		\$0	ŀ	\$o		\$0	0		Storms from 10/20
	Cecelia Donovan	\$28.12			\$0		\$0		\$0		\$0		\$0	0		Environmental Science/Monitoring
nvironmental Scientist	Tammy Banta	\$25.06	\$26.07		\$0		\$0		\$0		\$ 0		\$0	0	\$0	Environmental Science/Monitoring Atternate Project Manager, Environmental Science. Position will backfilled or hours reprogrammed to others upon assignment as
t. Project Manager/ Env. Scientist	Steve Storms	\$23.09	\$24.86	0	\$0		\$0	0	\$0	o	\$0	0	\$0	0	\$0	project manager. Contracting Planning and Documentation and Mgt. Support, Not
roject Management Specialist	see note at right	\$0.00	\$23.00		\$0		so		\$0		\$0		\$0	0	\$0	Position being filled
vironmental Specialist	Melissa Slatnik	\$14.87	\$15.38		\$0		\$0		\$0		\$0	0	\$0	o		Task Mgt.Support/Env. Science/Geology
vironmental Specialist	Sue Kelly	\$14.22			\$0		\$0	i i	\$0		\$0		\$0	0	\$0	Environmental Science/Biology
nvironmental Specialist	Tom Humbles	\$16.23		o	\$0	0	so.	l o	\$0	. 0	\$0	0	\$0	0		Environmental Technical/Inspection, Phragmites Control
nvironmental Specialist	Erika Kehne	\$11.58			\$0		\$0	i l	\$0	1	\$0		\$0	0		Environmetal Technical
nvironmental Specialist	Doug Taylor	\$13.35	\$13.62		\$0		\$0		\$0		\$0		\$0 \$0	0		Environmental Technical/Inspection
nvironmental Specialist	Gwen Neate	\$0.00			\$0		\$0		\$0		\$0		\$0	0		Environmental Technical
enior Engineer	William Chicca	\$36.48	\$38.04		\$0		\$0		\$0		\$0		\$ 0	0		Engineering Planning and Review
ngineer, Civil	Larry Walsh	\$28.53	\$29.68		\$0		\$0		\$0		\$0		\$0			Construction Planning
ngineer, Civil	David Foster	\$28.29		•	\$0		\$0		\$0		\$0		\$0	0	l	Engineering Design Evaulation, Cost Estimates Civil and Dredging Engineering, Surveys. Note: S. Moore until 1 position being filled
gineer, Civil	see note at right	\$19.30	\$21.59		\$0		\$0		\$0		\$0		\$0	۱		Engineering Design Evaulation, Cost Estimates
gineer, Civil	Les Shaw	\$28.53	\$29.68		\$0		\$0		\$0	l :	\$0 \$0		\$0 \$0	۱ ۵		Engineering Design Evaulation, Cost Estimates
ngineer, Civil	Charles Peng	\$23.13	\$24.06		\$0		\$0		\$0		• •		30	l š		Construction Engineering
gineer, Construction	Ellis Heath	\$18.61	\$19.17		\$0		\$0		\$0		\$0		\$0 \$0	۱		Field Operations Planning
perations Field Supervisor	Allen West	\$17.08	\$18.21		\$0		\$0		\$0	ł I	\$0 \$0		so so	! "		Environmental Technical Support
nvironmental Dredging Tech	James Tracy	\$13.44	\$15.40		\$0		\$0		\$0		\$0 \$0		\$0	1		CAD Drawings, Document Preparation
AD Technician	Chris Norris	\$20.54	\$21.15		\$0		\$0		\$0 \$0		\$0 \$0		*0	1 6		CAD Drawings, Document Preparation
AD Technician	Mark Cohoon	16.46 \$22.44	19.96 \$23.25		\$0 \$0		\$0 \$0		\$0 \$0	i l	\$0 \$0		\$0 \$0 \$0	١ ٥		Marine Operations, Construction Inspection
arine Operations Specialist	Jeffrey Pitts Brian Wolff	10.54	10.54		\$0 \$0		\$0		so	1	\$0		\$0	ة ا		Engineering Technical Support
o-op pat/Equipment Operator	various	\$15.00	\$15.00		\$0 \$0		\$0		\$0		\$0		\$0		\$0	
abor Sub-Total	Validus	\$15.00	\$15.00	ō	\$0	0			02			0		0	\$0	
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inge @ 44.1% of labor		0.442	0.441		\$0		\$0		\$0		\$0 \$0		\$0 \$0		\$0	
verhead @ 45% of labor		0.45	0.45		\$0		\$0		02		\$0		\$0		Sc	
Total Loaded Labor	l	1			\$0		1 30	L	30		- 30			·	J*	
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elephone, Communications		***	640.00		\$0		\$0		\$0 \$0		\$0 \$0		\$0	ŀ	sc	
ES CAD Burden Rate		\$18.00	\$18.00		\$0		\$0] 30		30		**	ļ	so	
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ontracted Services (GBA)					\$0 \$0		\$0 \$0		\$0 \$0		\$0		\$0		sc	
ontracted Services (Dolinar)					\$0 \$0		\$0 \$0		\$0 \$0		\$0 \$0		\$0	1	Sc	
ontracted Services (Moffat & Nichol)					30		30	1 1] 30		30		"		Sc	
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ontracted Services	4						1		1		1	'	1 ' 1		sc	
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Total Direct Costs					\$0		\$0	1	\$0	1	\$0		\$0	<u> </u>	1 30	<u> </u>

Subtask 12.1: CENAB Item 3.1.1 - Phragmites Monitoring
Subtask 12.2: CENAB Item 3.1.2 - Spot Spraying Services
Subtask 12.3: CENAB Item 3.1.3 - Area-Wide Eradication Services
Subtask 12.4: CENAB Item 3.1.4 - Poplar Island Invasive Species Control Meetings
Subtask 12.5: Task 12 Planning and Task Management

TASK 13 - VEGETATIVE MANAGEMENT TECHNICAL ANALYSIS (CENAB Item 3.2)

Requested Budget Increase for Task 13 through December 31, 2001

MES (MES LABOR FY00 FY0		FY01	Subtask 3.2.1)			ik 13.2 (GBA lask 3.2.2)		sk 13.3 (GBA task 3.2.3)		k 13.4 (CENAB m Number)	TASK TOTALS		Work Performed
Category	Employee	Hourly Rate	Hourty Rate	Hours	Cont		0 1				_			
roject Director/Senior Planner				nours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	
	Wayne Young	\$35.61	\$37.04		\$0		\$0		\$0	2	\$74	2	\$74	Project/Operations Planning, Contract Oversight, Tech. Review Project Management, Ops Planning, Note: K. Wikar thru 10/20/00; S
	see note at right	\$24.31	\$27.71		\$0	l	\$0	8	\$222	8	\$222	16	\$443	Storms from 10/20
nvironmental Scientist	Cecelia Donovan	\$28.12	\$29.24		\$0		\$0	i i	\$0	40	\$1,170	40	\$1,170	Environmental Science/Monitoring
Two memai Scientist	Tammy Banta	\$25.06	\$26.07		\$0		\$0		\$0		_ \$0	0	\$0	Environmental Science/Monitoring Alternate Project Manager, Environmental Science. Position will be
It. Project Manager/ Env. Scientist	Steve Storms	\$23.09	\$24.86	Ī	\$0		\$0	,	\$0	16	\$398	16		backfilled or hours reprogrammed to others upon assignment as pro- manager.
roject Management Specialist	see note at right	\$0.00	\$23.00		· \$0		\$0	Í	•			_1		Contracting Planning and Documentation and Mgt. Support; Note: P
	Melissa Slatnik	\$14.87	\$15.38	1	\$0	ł	\$0		\$0 \$123	40	\$0	0		being filled
	Sue Kelly	\$14.22	\$16.27		\$0		\$0	។	\$123	40	\$615	48	\$/38	Task Mgt.Support/Env. Science/Geology
nvironmental Specialist	Tom Humbles	\$16.23	\$16.72	į	\$0	1	\$0	l	\$0 \$0		\$0	0	\$0	Environmental Science/Biology
	Erika Kehne	\$11.58	\$12.40	i	\$0		\$0	İ	\$0.		\$0 \$0	١	\$0	Environmental Technical/Inspection, Phragmites Control
nvironmental Specialist	Doug Taylor	\$13.35	\$13.62		\$0		\$0		\$0		\$0 \$0	0		Environmetal Technical Environmental Technical/Inspection
	Gwen Neate	\$0.00	\$13.83		\$0		\$0		\$0	48	\$664	48		Environmental Technical Environmental Technical
	William Chicca	\$36.48	\$38.04		\$o		\$o		\$0		\$0	70		Engineering Planning and Review
	Larry Walsh	\$28.53	\$29.68	i	\$0	- 1	\$0		\$0		\$0	ő	\$0	Construction Planning and Review
ngineer, Civil	David Foster	\$28.29	\$29.42		\$0		· \$0	İ	\$0		\$0	ň	1	Engineering Design Evaulation, Cost Estimates
	İ					1		ŀ	_ i			7	**	Civil and Dredging Engineering, Surveys. Note: S. Moore until 11/16;
	see note at right	\$19.30	\$21.59	i	\$0		\$0	1	\$0	ŀ	so!	oi	so	position being filled
	Les Shaw	\$28.53	\$29.68	1	\$0	- 1	\$0		\$0	l	\$0	ol		Engineering Design Evaulation, Cost Estimates
	Charles Peng	\$23.13	\$24.06	ĺ	\$0	Ī	\$0	i	\$0	l	\$0	0	\$0	Engineering Design Evaulation, Cost Estimates
	Ellis Heath	\$18.61	\$19.17	- 1	\$0	. }	\$0		\$0	1	\$0	o	\$0	Construction Engineering
'	Allen West	\$17.08	\$18.21	ı	\$0	- 1	\$0	-	\$0	l	\$0	o		Field Operations Planning
	James Tracy Chris Norris	\$13.44 \$20.54	\$15.40		\$0	1	\$0	i	\$0	ŀ	\$0	0	\$0	Environmental Technical Support
	Mark Cohoon	16.46	\$21.15 19.96	- 1	\$0	i	\$0		\$0	16	\$338	16	\$338	CAD Drawings, Document Preparation
. <u>.</u>	Jeffrey Pitts	\$22.44	\$23.25		\$0 \$0		\$0	- 1	\$0		\$0	0	\$0	CAD Drawings, Document Preparation
	Brian Wolff	10.54	10.54		\$0 \$0	- 1	\$0 \$0	1	\$0		\$0	0	\$0	Marine Operations, Construction Inspection
	various	\$15.00	\$15.00	İ	\$0	İ	\$0 \$0		\$0 \$0		\$0	이	\$0	Engineering Technical Support
ibor Sub-Total				0	\$0	0	\$0	16	\$345	170	\$0 \$3,481	186	\$3,825	
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inge @ 44.1% of labor /erhead @ 45% of labor		0.442 0.45	0.441 0.45		\$0 \$0		\$0 \$0		\$152 \$155		\$1,535		\$1,687	
Total Loaded Labor					\$0		\$0		\$652	-	\$1,566 \$6,582		\$1,721 \$7,234	
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avel, Lodging, Per Diem		0.01	0.51		30		\$0	l	\$0	150	\$47		\$47	
pplies and Materials				1						i		ļ	\$0	
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lephone, Communications		i	ļ	İ		ļ		ľ	\$10 \$10		\$25 \$10	1	\$35 \$20	
S CAD Burden Rate		\$18.00	\$18.00		\$ 0	ĺ	\$ 0		\$0	16	\$288	İ	\$288	·
hicle Service/Rental		1		i		ŀ	-	- 1	•	ا"ا	***************************************		\$0	
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ntracted Services (GBA)	1	- 1			\$5,229	Ì	\$18,055	- 1	\$1,532		so	Ì		Oredging Engineering Planning and Technical Services
ntracted Services (Dolinar)		ŀ	1	İ	\$0		\$0	İ	\$0	- 1	\$0		\$0	
ntracted Services (Moffat & Nichol)	1	-	1		\$0		\$0	ļ	\$0		\$0		\$0	
ntracted Services ntracted Services		1		1			ł	- 1		- 1	ļj.		\$0	•
ntracted Services	ļ				- 1		. 1			ı	11	ļ	\$0	
								- 1	-				\$0	
Total Direct Costs					\$5,229		\$18,055	-+	\$1,562		\$495		\$25,341	

Subtask 13.1: GBA Subtask 3.2.1- Vegetative Management Analysis
Subtask 13.2: GBA Subtask 3.2.2 - Hydraulic Analysis for Flow and Channel Geometry for Wetland Development
Subtask 13.3: GBA Subtask 3.3.3 - Planning and Task Management
Subtask 13.4: Habitat Objectives Framework

TASK 14 - VEGETATIVE PLANNING (CENAB Item 3.3)

Requisted Budget Increase for Task 14 through December 31, 2001

Project Manager	MES	LABOR		-		ik 14.1 (GBA task 3.3.1)		sk 14.2 (GBA task 3.3.2)		sk 14.3 (GBA stask 3.3.3)		ask 14.4 (no 3 Item Number)	TASK	TOTALS	Work Performed .
Project Christon/Semor Planner Wayne Young Sas 55 5 37 6 1 537 1 537 2 57 4 2 57 6 6 522 Project Managar see note a right Sas 54 31 527 7 2 55 4 5111 4 5111 1 2 533 3 2 55 10 50 50 50 50 50 50 50 50 50 50 50 50 50	_		Hourty	Hourty						_					
## Project Management Scientist Search of Project Management Scientist Search of Management Sci	Category	Employee	Rate	Rate	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	
Service Comment Scannist Comment Scannist Comment Scannist Comment Scannist Comment Scannist Comment Scannist Comment Scannist Comment Scannist Comment Scannist Comment Scannist Comment Scannist Comment Comment Scannist Comment Co	Project Director/Senior Planner	Wayne Young	\$35.61	\$37.04	1	\$37	1	\$37	2	\$74	2	\$74	6	\$222	Project/Operations Planning, Contract Oversight, Tech. Review Project Management, Ops Planning. Note: K. Wikar thru 10/20/00; S.
Servicemental Scientist Tammy Baria \$25.06 \$20.07 \$0 \$0 \$0 \$0 \$0 \$0 \$0					2		4		4						
Project Manager Env. Scients Save Storms			- 1		10		10		20		0		40		
It Project Manager Fin Scients Seven Manager Fin Scien	Triformental Scientist	rammy banta	\$25.06	\$20.07		\$0		. 30		30			l o	30	Alternate Project Manager, Environmental Science. Position will be backfilled or hours reprogrammed to others upon assignment as project
Monitornerial Specialist Melissa Slamik \$14.87 \$15.3.8 \$10 \$50 \$12 \$185 \$12 \$185 \$24 \$360 Task kqf, Support/Em. Science/Geology minomenial Specialist Ton Humbles \$14.07 \$15.3.8 \$10 \$50	It. Project Manager/ Env. Scientist	Steve Storms	\$23.09	\$24.86	4		4	\$99	12	\$298	4	\$99	24		Contracting Planning and Documentation and Mgt. Support; Note: Pos
invinonmental Specialist															1
inviconmental Specialist		1	- 1						12		12				
invironmental Specialist												30			
Informerial Specialist User Naste	•							sol				so so	ان ا		
invoronmental Specialist						\$0		\$0		\$0		i soil	ı "	\$0	Environmental Technical/Inspection
Engineer, Civil									20		20	\$277			
Agineer, Civil see note at right span see, Civil see, note at right span see, Civil span see, Civil span see, Civil span see, Civil Les Shaw Sax 83 328.68 50 30 30 30 30 30 30 30 30 30 30 30 30 30		i i										\$ 0	[<u>0</u>		
Rigineer, Civil												\$0 \$0	0		
Regiment Construction Eliis Heath \$18.61 \$19.17 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	ngineer, Civil	see note at right	\$19.30	\$21.59		\$0		so so		\$0		so s	o	\$0	
Reference Construction Ellis Heath \$18.61 \$19.17 \$50						\$0		\$0				\$0			
Invitronmental Tredoging Tech James Tracy S13.44 S15.40 S0 S0 S0 S0 S0 S0 S0	- ·					\$0						\$0	(
Invitronmental Tredoging Tech James Tracy S13.44 S15.40 S0 S0 S0 S0 S0 S0 S0			- 1			\$0						\$0			
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AD Technician Mark Cohoon 16.46 19.96 S0 S0 S0 S0 S0 S0 S0 S0 S0 S0 S0 S0 S0						so						\$0	Ö		
Solid Soli												\$0	0		
		Jeffrey Pitts		\$23.25						\$0		\$0	0		
17 \$484 19 \$540 70 \$1,529 50 \$967 156 \$3,520						\$0		\$0		\$0		\$0	0	\$0	Engineering Technical Support
Nethead @ 45% of labor		various	\$15.00	\$15.00	17	\$484	19	\$540	70	\$1,529	50	\$967	156	\$3,520	
Verticad @ 45% of labor													,		1
RECT COST								\$238 \$243		\$688		\$435			
Sileage	Total Loaded Labor					\$916		\$1,021		\$2,892		\$1,829		\$6,657	
Supplies and Materials Supplies and Materials Supplies and Materials Supplies and Materials Supplies and Materials Supplies and Materials Supplies and Materials Supplies and Materials Supplies and Materials Supplies and Materials Supplies S	IRECT COST	1		T								<u> </u>	Γ	Γ	
upplies and Materials initing & Reproduction ostage elephone, Communications IES CAD Burden Rate ehicle Service/Rental oat Service/Rental pecial Equipment ther ontracted Services (GBA, EZCR, ZNidarcic) ontracted Services (Moffat & Nichol) ontracted Services on			0.31	0.31		\$0		\$0	75	\$23	75	\$23			
rinting & Reproduction lostage letephone, Communications letes CAD Burden Rate letephone, Communications leterory Carried Service/Rental loat Service/Rental loat Service/Rental loat Services (GBA, E2CR, ZNidarcic) lontracted Services (Moffat & Nichol) lontracted Services lontracted Ser															
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elephone, Communications IES CAD Burden Rate ehicle Service/Rental oat Service/Rental pecial Equipment ther ontracted Services (GBA, E2CR, ZNidarcic) ontracted Services (Moffat & Nichol) ontracted Services	•	l i		- 1						\$10					
ES CAD Burden Rate ehicle Service/Rental oat Service/Rental pecial Equipment ther ontracted Services (GBA, E2CR, ZNidarcic) ontracted Services (Moffat & Nichol) ontracted Services			l	1				`							
ehicle Service/Rental oat Service/Rental pecial Equipment ther ontracted Services (GBA, E2CR, ZNidarcic) ontracted Services (Dolinar) ontracted Services (Moffat & Nichol) ontracted Services ontracted Services ontracted Services ontracted Services ontracted Services ontracted Services ontracted Services ontracted Services ontracted Services ontracted Services ontracted Services ontracted Services ontracted Services ontracted Services ontracted Services ontracted Services ontracted Services ontracted Services ontracted Services			\$18.00	\$18.00		\$0		so s				\$ 0		\$0	
pecial Equipment ther ontracted Services (GBA, E2CR, ZNidarcic) \$0 \$4,377 \$5,206 \$2,318 \$11,901 Dredging Engineering Planning and Technical Services (Dolinar) \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	ehicle Service/Rental		1	İ	i			l l		İ		{			
ther ontracted Services (GBA, E2CR, ZNidarcic) s0 \$4,377 \$5,206 \$2,318 ontracted Services (Dolinar) ontracted Services (Moffat & Nichol) ontracted Services (Moffat & Nichol) ontracted Services ontracted Services ontracted Services s0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$															
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ontracted Services (Moffat & Nichol) \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0			.	.									 		• • • •
ontracted Services \$0 \$0 \$0 \$0		1		ļ						\$0	:			\$0	
	ontracted Services			1		l									
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	ontracted Services		ł	I		ŀ	:] ^{\$0}	
Total Direct Costs \$0 \$4,377 \$5,249 \$2,501 \$12,128	Total Direct Costs					\$0		\$4,377		\$5,249		\$2,501		\$12,128	
	4 SUBTOTAL (Labor and Dir	ect Costs)				\$916		\$5,398		\$8,141		\$4,330	l	\$18,785	1

Subtask 14.1: GBA Subtask 3.3.1- Design Test Plant Zones
Subtask 14.2: GBA Subtask 3.3.2 - Review, Plan and Design Nursery
Subtask 14.3: GBA Subtask 3.3.3 - Preliminary Vegetation Design
Subtask 14.4: Planning, Technical Review, and Task Management for MES Task 14/CENAB Item 3.3

TASK 15 - PUBLIC MEETINGS TECHNICAL AND MEETING SUPPORT (Cenab Item Number 5.2)

Requested Budget Increase for Task 15 through December 31, 2001

Cast Support	ME	SLABOR			Sub	task 15.1		Vacant		Vacant	TAS	SK TOTALS	Work Performed
## Chatagory Employee Rats				FY01									
Second S			FY00 Hourty	Hourty					ŀ		H	İ	
March Secretar S	Category	Employee	Rate	Rate	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	
March Secretar S		İ								_			
Second Second	oject Director/Senior Planner	Wayne Young	\$35.61	\$37.04	24	\$889		\$0		\$0	24	\$889	
Control Device Cont	minet Manager	coo noto et riabt	624.24	\$27.74	ا م	64 400			1				
## Semential Scientis Tammy Banua \$2.5.06 \$2.0.07 \$5 \$5 \$5 \$5 \$5 \$5 \$5 \$		1 -											
Project Management Specialist Medical Status 30 0 51,000 50 50 50 50 50 50 50 50 50 50 50 50					***						80	1	1
Project Manager Ern V. Solmets Sieve Sicroms Sieve	ivironmental Scientist	l ammy Banta	\$25.06	\$26.07		\$0		\$0		\$0	0	j \$0	Environmental Science/Monitoring
Project Manager Ern V. Solmets Sieve Sicroms Sieve		1										1	Allers are Best and Maria are Environmental Catagon Bestition will be beetfile
jeet Meragement Specialist Anderson State (1911) 30,00 320,00	It Project Manager/ Env. Scientist	Steve Storms	\$23.00	\$24.86	80	\$1.080		•]	• .	۰,	64.000	
Jeck Management Specialist See note a right S0,00 \$23,00 S0 S0 S0 S0 S0 S0 S0	ii. 1 Toject įvanagai Env. Odendat	Sieve Sionns	\$25.00	\$24.00	~	φ1,505		30	1	30	∾	\$1,909	
## Annother Specialist Melisas Stanik \$14.87 \$15.88 24 \$368 \$0 \$0 \$2 \$368 Task Mar Support Fire. Science Geology / wiromental Specialist Ske Kely \$14.27 \$15.28 \$2 \$3.00 \$0 \$0 \$0 \$0 \$0 \$0 \$0	miert Management Specialist	see note at right	\$0.00	\$23.00	i I	¢۸		• •	1	•	۱ ۸	•	
Vision September Superior		, ,			24					30			
## Annoher Special Special Special Computer Special Sp	•				47			30	İ	30	4		
Formation Specialist Gwan Nesite Sp. 00 \$13.83 24 \$332 \$30 \$					l f					301	0		
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Formation Specialist Gwan Nesite Sp. 00 \$13.83 24 \$332 \$30 \$		1			· •					\$0	0	1	1
Formation Specialist Gwan Nesite Sp. 00 \$13.83 24 \$332 \$30 \$	•		, ,							\$0) 0		Environmental Technical/Inspection
Information William Chrica 334, 48 339	vironmental Specialist	Gwen Neate	\$0.00	\$13.83	24			. \$0		\$0		\$332	Environmental Technical
Internet, Civil Larry Walsh S28,53 \$22,68 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	enior Engineer								1	\$0	0	į \$0	Task Manager, Engineering Planning and Review, progress/team mtgs.
James Tark David Foster S28,23 S29,42 S0 S0 S0 Engineering Design Evaluation, Cost Estimates S10,20	ngineer, Civil	Larry Walsh	\$28.53	\$29.68					1	\$0	0		
Second S	ngineer, Civil	David Foster	\$28.29	\$29.42						\$0	0		
jineer, Civil See note at right S18,03 \$21,59 8 \$173 \$0 \$0 8 \$173 \$173 \$10 \$10 \$	_		1		1			, ,		"			
Jinser, Civil	ngineer, Civil	see note at right	\$19.30	\$21.59	8	\$173		so.		90	g	\$173	
Interf. CM		, -			1				1	50	ا ا		
Index Construction Elis Heath S18.61 S19.17 S0 S0 S0 S0 S0 S0 S0 S	•	1							1	30	,		
rations Field Supervisor Alen West \$17.08 \$18.21 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	-									30			
Simple James Tracy S13.44 S15.40 S0 S0 S0 S0 S0 Technical Support	-	1								501			
Differentician	•				· 1					\$0	0		
Distriction Mark Compon 16,46 19,96 8 \$160 \$50 \$50 8 \$160 CAD Drawings Document Preparation mine Operations Specialist differey Pitts \$22,44 \$23,25 \$50	5 5	, ,			_ [\$0	0	1	1 '''
Info Operations Specialist Jeffrey Pitts S22.44 S23.25 S0 S0 S0 S0 S0 S0 S0 S										\$0	8		
Span Span			1 1		8					\$0	8		
VEQuipment Operator Various \$15.00 \$15.00 \$0 \$50	•	Jeffrey Pitts	\$22.44	\$23.25	1	\$0		\$0		\$0	0	\$0	Marine Operations, Construction Inspection
296 \$7,528 0 \$0 \$0 \$0 \$296 \$7,528	:o-op	Brian Wolff	10.54	10.54						\$0	0	\$0	Engineering Technical Support
Second Part	oat/Equipment Operator	various	\$15.00	\$15.00		\$0		\$0		\$0	0	\$0	Boat/Equipment Operations
Service Serv	abor Sub-Total				296	\$7,528	0	\$0	0	\$0	296	\$7,528	
Service Serv													
Total Loaded Labor S14,235 S0 S0 S14,235	inge @ 44.1% of labor		0.442	0.441		\$3,320		\$0		\$0	T :	\$3,320	
Section Sect	verhead @ 45% of labor		0.45	0.45		\$3,388		\$0		\$0		\$3,388	
Age	Total Loaded Labor					\$14,235		\$0		\$0		\$14,235	
Age													
vel, Lodging, Per Diem piles and Materials ting & Reproduction tage sphone, Communications S CAD Burden Rate icle Service/Rental it Servic	RECT COST										I		
Vel. Lodging, Per Diem Spinise and Materials Spi	ileage		0.31	0.31	600	\$186		\$0		sol		\$186	
State Stat	avel, Lodging, Per Diem				1						1		
Sample S	upplies and Materials	1			!	\$150							!
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ecal Equipment er tracted Services (GBA) tracted Services (Dolinar) tracted Services (Moffat & Nichol) tracted Services		[_ [. [\$0	
er Intracted Services (GBA) Intracted Services (Dolinar) Intracted Services (Moffat & Nichol) Intracted Services Intracted Serv	•	[\$500.00	\$500	0	\$0	l	· .		ľ	1	\$0	Chartered Boat Trips for Large Groups
stracted Services (GBA) stracted Services (Dolinar) stracted Services (Moffat & Nichol) stracted Services	pecial Equipment	l İ		[- 1	1		ĺ		l		\$0	•
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So So So So So So So So	ontracted Services (GBA)	j 1	·	- 1	- 1	\$ol	1	sol	-	sol	1	\$0	Dredging Engineering Planning and Technical Services
stracted Services (Moffat & Nichol) stracted Services stracted Services stracted Services stracted Services stracted Services stracted Services stracted Services stracted Services stracted Services stracted Services	ontracted Services (Dolinar)		J	- 1	- 1		- 1						1
stracted Services stracted Services stracted Services stracted Services stracted Services stracted Services stracted Services stracted Services	ontracted Services (Moffat & Nichol)			.	- 1		I				į l		
stracted Services \$0 \$0 \$0 \$0 \$0	ontracted Services	j j	j		- 1		ļ	30		50			
stracted Services \$0	ontracted Services		Į	ŀ	- 1			į		i			
	ontracted Services		. 1		ł			ļ		1			
Total Direct Costs \$959 \$0 \$0 \$959		<u> </u>						ļ				"	
\cdot	Total Direct Costs					\$959		\$0		\$0		\$959	
K 15 SUBTOTAL (Labor and Direct Costs) \$15.194 \$0 \$15.194	1					\$15,194		\$0		\$0		\$15,194	1

Subtask 15.1: CENAB Item 5.2 - Public Meetings Technical and Meeting Support Subtask 15.2: Vacant Subtask 15.3: Vacant

TASK 16 - INTERORGANIZATIONAL SUPPORT (CENAB Item 5.4)

Requested Budget Increase for Task 16 through December 31, 2001

MES	LABOR	FVAA	EVA	Sub	task 16.1	Sub	task 16.2	Sul	otask 16.3	TAS	KTOTALS	Work Performed
		FY00	FY01									
Ontono.	Employee	Hourly Rate	Hourly Rate	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	
Category	Employee	Kale	Rate	nours	COSI	nouis	COST	Hours	COSI	110013		
Project Director/Senior Planner	Wayne Young	\$35.61	\$37.04	0	\$0	o	\$0.	0	\$0	0	\$0	Project/Operations Planning, Contract Oversight, Tech. Review
•••	-											Project Management, Ops Planning. Note: K. Wikar thru 10/20/00; S.
Project Manager	see note at right	\$24.31	\$27.71	8	\$222	4	\$111	16	\$443	28		Storms from 10/20
Senior Environmental Scientist	Cecelia Donovan	\$28.12	\$29.24	60	\$1,754	48	\$1,404	60	\$1,754	168 0		Environmental Science/Monitoring Environmental Science/Monitoring
Environmental Scientist	Tammy Banta	\$25.06	\$26.07		\$0	- 1	\$0		\$0	I "I	20	Alternate Project Manager, Environmental Science. Position will be
												backfilled or hours reprogrammed to others upon assignment as project
Alt. Project Manager/ Env. Scientist	Steve Storms	\$23.09	\$24.86	48	\$1,193	12	\$298	64	\$1,591	124	\$3,083	manager.
ALL FORCE NETTEGOT ETT. COLONIO.		V	4		• .,						_	Contracting Planning and Documentation and Mgt. Support; Note: Position
Project Management Specialist	see note at right	\$0.00	\$23.00		\$0		\$0		\$0	0		being filled
Environmental Specialist	Melissa Slatnik	\$14.87	\$15.38	50	\$769	50	\$769		\$615			Task Mgt.Support/Env. Science/Geology
Environmental Specialist	Sue Kelly	\$14.22	\$16.27		\$0	l	\$0		\$0	0		Environmental Science/Biology
Environmental Specialist	Tom Humbles	\$16.23	\$16.72		\$0	i	\$0		\$0	0		Environmental Technical/Inspection, Phragmites Control
Environmental Specialist	Erika Kehne	\$11.58	\$12.40		\$0	. 0	\$0	이				Environmetal Technical
Environmental Specialist	Doug Taylor	\$13.35	\$13.62		\$0	اہے	\$0	ا . ا	\$0 \$553	140		Environmental Technical/Inspection Environmental Technical
Environmental Specialist	Gwen Neate	\$0.00	\$13.83		\$692	50	\$692 \$0		\$553 \$0	140		Environmental Technical Engineering Planning and Review
Senior Engineer	William Chicca	\$36.48	\$38.04 \$29.68		\$0 \$0		\$0 \$0		\$0 \$0	0		Construction Planning
Engineer, Civil	Larry Walsh David Foster	\$28.53 \$28.29	\$29.68 \$29.42		\$0 \$0		\$0 \$0		\$0	1		Engineering Design Evaulation, Cost Estimates
Engineer, Civil	David Fosiei	\$20.29	\$25.42		3 01		3 0		••	۱ ۱		Civil and Dredging Engineering, Surveys. Note: S. Moore until 11/16;
Engineer, Civil	see note at right	\$19.30	\$21.59		\$0		\$0	1	\$o	0	\$0	position being filled
Engineer, Civil	Les Shaw	\$28.53	\$29.68		\$0		\$0		\$0	0		Engineering Design Evaulation, Cost Estimates
Engineer, Civil	Charles Peng	\$23.13	\$24.06		\$0		\$0		\$0	0		Engineering Design Evaulation, Cost Estimates
Engineer, Construction	Ellis Heath	\$18.61	\$19.17		\$0		\$0		\$0	0	\$0	Construction Engineering
Operations Field Supervisor	Allen West	\$17.08	\$18.21		\$0		\$0		\$0	0		Field Operations Planning
Environmental Dredging Tech	James Tracy	\$13.44	\$15.40		\$0		\$0		\$0	0		Environmental Technical Support
CAD Technician	Chris Nomis	\$20.54	\$21.15		\$85	2	\$42		\$85	10		CAD Drawings, Document Preparation
CAD Technician	Mark Cohoon	16.46	19.96		\$80	0	\$0	4	\$80	8		CAD Drawings, Document Preparation
Marine Operations Specialist	Jeffrey Pitts	\$22.44	\$23.25		\$0		\$0		\$0	. 0		Marine Operations, Construction Inspection Engineering Technical Support
Со-ор	Brian Wolff	10.54	10.54		\$0	ار	\$0 \$60		\$0 \$60	12		Boat/Equipment Operations
Boat/Equipment Operator Labor Sub-Total	various	\$15.00	\$15.00	228	\$60 \$4.854	170	\$3,375	232	\$5,182	618		
Labor Sub-rotal				220	\$4,004]	.,,,,	00,070		00,102,			
Fringe @ 44.1% of labor (FY01 rate)	1	0.442	0.441		\$2,141		\$1,489		\$2,285	1	\$5,914]
Overhead @ 45% of labor		0.45	0.45		\$2,184		\$1,519		\$2,332		\$6,035	
Total Loaded Labor	•				\$9,179		\$6,383		\$9,798		\$25,361	
												· · · · · · · · · · · · · · · · · · ·
DIRECT COST												
Mileage		0.31	0.31	150	\$47	75	\$23	300	\$93		\$163	
Travel, Lodging, Per Diem			:								\$0 \$75	
Supplies and Materials					\$50		\$25				\$125	
Printing & Reproduction					\$100		\$25 \$10				\$35	
Postage					\$25 \$25		\$10 \$10				\$35	
Telephone, Communications		\$18.00	\$18.00	8	\$144	2	\$36		\$144	1	\$324	
MES CAD Burden Rate Vehicle Service/Rental]	₽ 10.0U	\$10.00		\$174	-	\$30		, ,,,,,		\$0	
Boat Service/Rental	1	\$500	\$500	ا ا	\$0	0	. \$0	ا ا	\$0	1	\$0	Chartered Boat Trips for Large Groups
Special Equipment		4000		ا ا	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	ا	•		"		\$0	
Other											\$0	
Contracted Services (GBA)				'	\$0		\$0		\$0			Dredging Engineering Planning and Technical Services
Contracted Services (Dolinar)					\$0		\$0		\$0		\$0	
Contracted Services (Moffat & Nichol	k				\$0		\$0		\$0		\$0	
Contracted Services					 						\$0 \$0	<u>'</u>
Contracted Services											\$0	<u>'</u>
Contracted Services					 						\$0 \$0	
Total Direct Costs	 				\$391		\$129	 	\$237	 	\$757	
total bilect Costs	'I	L., ———			4981		\$148		423 1			1
TASK 16 SUBTOTAL (Labor and Di	ract Costs)		-		\$9,570		\$6,512		\$10,035	1	\$26,118	ī
WOLL IN CORP. O. WE FEBRUA SHIP DE					\$0,0.0				Ţ.0,000			_

Subtask 16.1: CENAB Item 5.4.1 - Poplar Island Habitat Sub-Group Subtask 16.2: CENAB Item 5.4.2Poplar Island Monitoring Sub-Group Subtask 16.3: CENAB Item 5.4.3 Poplar Island Working Group

Serior Environmental Scientist See note at right \$24.31 \$27.71 24 \$665 24 \$665 40 \$1.108 0 \$0 \$0 \$0 \$0 \$0 \$0 \$	TASK 17 - PLANNING AND IMPLE	MENTATION LOGI	STICS AND G	NEBAL S	HEDORY	In CENAR -				,	,						
March School March March				1	I	(NO CENAB II	·	<u> </u>		 	 		 	 			
Contempor Cont	Requisted Budget Request for Ta	sk 17 through Dec	ember 31, 200	1			:	-i		 -	 		: —		 -		
Contempor Cont		<u> </u>	·			1				į .	1		i	 			
Content Cont					1		1		1				Ĭ				
Content	ME	SLABOR		I David.	Sul	btask 17.1	Su	btask 17.2	Su	btask 17.3	Sul	otask 17.4	<u></u>	vacant	TASH	TOTALS	Work Performed
Section Company Comp	Category	Employee	ł		House	Cont	House	C	L	6-4		C4	l				
September Sept			i	1	110013	COST	nouis	Cost	nours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	
Pages Manager Service and Service Serv	Project Director/Senior Planner	Wayne Young	\$35.61	\$37.04	4	\$148	4	\$148	4	\$148	0	\$0	 	\$0	12	\$444	Project/Operations Planning Contract Oversight, Tech, Review
Sect Expression Secretary 1.00	Project Manager	200 2012 24 22-14		****]					 				Project Management, Ops Planning. Note: K. Wikar thru 10/20/00;
Conversion Con																	
A. Physical Name of Pages Allanger Freedom Services Seed Section 12:10 14-46 8 110 15 10 15															0		
As Protect Languager for Science 12-100 15-00 15										30	+		'	30		30	
Page 1.5	Alt Project Manager/ Face Scientist	C1 - C1			}		1						ļ]	1	•	backfilled or hours reprogrammed to others upon assignment as
Emborrennia Securities 15 16 15 15 15 15 15 15	ALC Project Manager Env. Scientist	Steve Storms	\$23.09	\$24.86	8	\$199	8	\$199	ļ	\$0		\$0		\$0	16	\$398	
Follows Special Messas Surviva 11.67 15.36 17 15.00 10 15.00 10 10 10 10 10 10 10	Project Management Specialist	See note at right	\$0.00	\$23.00									1			_	
Environmental Specialist Special Communication From Communicatio	Environmental Specialist						12										
Procedure Second Foundation Foundati							'-										
Enterprise Seculis Cont. Took 113.5															0		
Endocreposal Secretary Sec												\$0	l —		0		
Series Exprese (William Cincos 158.68) 530.4 50 50 50 50 50 50 50 50 50 50 50 50 50		 													0		
Source Colf Marry Water 1995 1996 199															0		
Source Col							<u> </u>										
Second Control Contr							-								ļ		
Section Sect						- 50		30	-	30	 	30		\$0	 	\$0	
Company Comp								\$0	40	\$864	1	· sn		sn	امه ا	\$864	
Sequence Commencing								\$0								\$0	Engineering Design Evaulation, Cost Estimates
Operations Allen West \$17.08 \$13.07 \$1.00												\$0		\$0	0	\$0	Engineering Design Evaulation, Cost Estimates
Endotremes Discising Tech															0	\$0	Construction Engineering
CAD Technosian Chart Reformant CAD Technosian CAD Technosia															0		
CAD Technican Main Cohon 15.46 19.86 50 50 50 50 50 50 50 50 50 5	CAD Technician								40								
Marine Operation Special Marine Press \$22.44 \$22.25 \$30 \$5	CAD Technician																
Code Brain World 10.54 10.54 50 50 50 50 50 50 50			\$22.44	\$23.25					-								
Second Content Content						\$0											
Fings @ 44.1% of labor (FYOT rate) Ownhead & 45% of labor (FYOT rate) Ownhead & 45% of labor (FYOT rate) Ownhead & 45% of labor (FYOT rate) Ownhead & 45% of labor (FYOT rate) Total Loaded Labor		various	\$15.00	\$15.00								\$14,400			3840		
Overhead & 5% of labor 0.45 0.45 5.538 519.079 5.772 5.00 50 50 50 50 50 50	2001 300-1001	I			48	\$1,197	2928	\$44,397	268	\$6,048	960	\$14,400	0	\$0	4204	\$66,041	
Overhead & 5% of labor 0.45 0.45 5.538 519.079 5.772 5.00 50 50 50 50 50 50	Fings @ 44.19/ of labor (EVO)																
Total Loaded Labor Section Sec														\$0		\$29,124	
DIRECT COST			0.45	0.45	-												
Milesge				 		\$2,263		\$83,954]		\$11,437		\$27,230		\$0		\$124,884	
Milesge	DIRECT COST																
Assumes average of 1 person deployed for 12 moniform HMI. Funding reverts to Task 17 once Task 18 supplies and Materials			0.31	0.31													
Travel, Lodging, Per Diem			- 0.51	- 0.31		30		\$0		\$0		\$0		\$0			
1200 \$30,000		ļ				İ		ſ	- 1	1		İ					, , , , , , , , , , , , , , , , , , , ,
Supplies and Materials Supplies Suppli	Travel, Lodging, Per Diem	i		ł		624 000		ł		Ĭ	.						_
Second S				+		\$24,000						\$12,000	i				
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Solid Soli					 -					egge goo		\$60,000		:			
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Solution Solution	Annuacted Services																
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ASK 17 SUBTOTAL (Labor and Direct Costs) \$107,263 \$235,454 \$237,637 \$99,230 \$0 \$679,584 ubtask 17.1: Vehicle Lease/Rental/Service (less mileage) ubtask 17.2: Boat Service/Rental ubtask 17.3: Other Logistics Support ubtask 17.4: Special Equipment (contingent item - to be determined as required) ubtask 17.5: yacant				- -			\rightarrow									\$0	
ASK 17 SUBTOTAL (Labor and Direct Costs) \$107,263 \$235,454 \$237,637 \$99,230 \$0 \$679,584 ubtask 17.1: Vehicle Lease/Rental/Service (less mileage) ubtask 17.2: Boat Service/Rental ubtask 17.3: Other Logistics Support ubtask 17.4: Special Equipment (contingent item - to be determined as required) ubtask 17.5: yacant	Total Direct Costs					\$105,000		\$151 500		\$22£ 200		873 000				8854 705	
ubtask 17.1: Vehicle Lease/Rental/Service (less mileage) ubtask 17.2: Boat Service/Rental ubtask 17.3: Other Logistics Support ubtask 17.4: Special Equipment (contingent item - to be determined as required) ubtask 17.5 yearant			1		- 	1.00,000		e131,300	 -	⇒∠∠0,200	-+	\$72,000		20		<u>\$554,700</u>	
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ubtask 17.4: Special Equipment (contingent item - to be determined as required)	ubtask 17.2: Boat Service/Rental																
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AUGSA II. J. YdLaiit.	whitek 17.4: Special Equipment (conti	ngent item - to be d	etermined as re	equired)					-+								
	OUGST 17.J. Vacant	· · · ·				!			i					!			

DIRECT COST SUPPORTING DETAIL A	NAI VOIC EOD TACK	17 TUPOI	IGH DECEMB	FR 31 2001	
DIRECT COST SUPPORTING DETAIL A	WALTSIS FUR TASK	17 Inko	JGII DECEMB	LK 31, 2001	
DIRECT COST: Subtask 17.1 (Vehicles) - 18 months es	timate (July 1, 2000 to Decer	nber 31, 2001)			
tems	Number Unit	Rate	Quantity Unit	Total	Notes and cost planning information.
4x4 Pickup Truck with Auxilliary Fuel Tank	1 each	\$60	540 day	\$32,400	
4X4 Carryall	1 each	\$45	540 day	\$24,300	
15 Passenger Van	1 each	\$45	540 day	\$24,300	
			<u> </u>	\$0	
·				\$0	
Subtask 17.1 Vehicle Costs				\$81,000	
DIRECT COST: Subtask 17.2 (Boat Service/Charter) - 1					
tems	Number Unit	Rate	Quantity Unit	Total	Notes and cost planning information.
Crew Boat (25-30 foot)	1 each	\$250	300 day	* \$75,000	Crewboat capable of routine operations, Spring through Fall. Estimated \$600 daily charge for bare boatcharter (2 hours operation; 8 hours standby).
			100	670.000	Crewboat capable of winter operations. Estimated \$600 daily charge for bare boat charter (2 hours
All Season Crew Boat (32-42 foot)	1 each	\$600 \$450	120 day 0 day		operation; 8 hours standby). Supplemental Boat Service. Note: Addressed by Task for Tasks 1 through 18.
Boat Service Survey Boat (25-30 foot)	1 each	\$450	0 day		Note: Included in price estimate for first year environmental monitoring under EA contract with CENAL
		\$300			Note: Covers Fall 2000 through December 31, 2001.
Boat Slip	1 each	\$300	15 month	1	Note: Covers Fail 2000 through December 51, 2001.
Subtask 17.2 Boat Costs				\$151,500	i
DIRECT COST: Subtask 17.3 (Other Logistics Support)		l, 2000 through			
tems	Number Unit	Rate	Quantity Unit	Total	Notes and cost planning information.
eased Land Base	1 each	\$500	18 month	\$9,000	Parking and work/storage space at Lowes Wharf or other suitable location
					Barge run and 4 hours of tug standby time for mob of equipment. 1 run per quarter.
Barge Service - Mob/Demob of Equipment	1 each	\$4,700	6 run	\$20,200	Barge run and 4 hours of tug standby time for large parts and supplies once every 6 weeks.
Barge Service (Parts, Supplies, Other Logistics)	1 each	\$4,200	12 run	\$50,400	Commences upon completion of Task 18 underdrain and dike raising support services.
ield Office Trailer/Heavy Weather Shelter	1 each	\$1,500	18 month		Price estimate for 1 - 40 foot trailer and 1 - 20 foot trailer.
Port-a-Pottie	1 each	\$100	18 month	\$1,800	
Storage Container	1 each	\$100	18 month		Price estimate for 1 - 40 foot trailer and 1 - 20 foot trailer.
Generator	1 each	\$500	18 month	\$9,000	Power source for field office.
•					Estimated per gallon fuel cost includes transportation to island and storage. Estimate assumes fuel logistics through Task 17 upon completion of Task 18 underdrain installation and dike raising support services for period 1/1/01 through 12/31/01. Estimated fuel consumption is 1,500 gallons/month for
Diesel Fuel	1 gallon	\$4.00	18000 gallons		limited support from specialized equipment. On-site Fuel Distribution
Fuel Truck (3,000 gallon)	1 each	\$1,500	18 month	\$27,000	OII-21/E FUEL DISHIBULIOII
Subtask 17.3 Other Logistic Support Costs				\$226,200	
					

ENVIRONMENTAL, PLANNING, TECHNICAL AND IMPLEMENTATION SERVICES FOR POPLAR ISLAND ENVIRONMENTAL RESTORATION PROJECT

ESTIMATED MES LABOR for Tasks 1 through 17 through December 31, 2001

									LABOR								T104 65	TAGY 67	TOTAL	Work Performed
Category	Employee	TASK 1	TASK 2	TASK 3	TASK 4	TASK 5	TASK 6	TASK 7	TASK 8	TASK 9	TASK 10	TASK 11	TASK 12	TASK 13	TASK 14	TASK 15	TASK 16	TASK 17	IUIAL	Work Ferformed
	Wayne Young	656		24	0	2	5	10	0	22	o	40	0	2	6	24	0	12	2 81	Project/Operations Planning, Contract Oversight, Tech. Review
				1	1				_			١ .		16	22	40	28	88	3 160	Project Management, Ops Planning. Note: K. Wikar thru 10/20/00; S. Storms from 10/20
Project Manager	see note at right	1232	18	44	0	16	26	20	0	49	0	١		10	46	80	168			8 Environmental Science/Monitoring
	Cecelia Donovan	80	120	0	0	이	40	이	0	32	- 0	8		40	40	3	100	1 7	- 1	4 Environmental Science/Monitoring
	Tammy Banta	24	0	이	0	0	0	0	0	0	0	"	0	ľ	"	' "	J	,	ή -	
				ļ											_					Alternate Project Manager, Environmental Science. Position will be backfilled or
Alt. Project Manager/ Env. Scientist	Steve Storms	392	l 80	ol	ol	ol	40	0	0	36	0	16	0	16	24	80	124	16	82	11
Art. Project Manager/ Env. Scientist	Sieve Sibinis] 302	"	٦	-1	-						l		}			_			Contracting Planning and Documentation and Mgt. Support; Note: Position being
	see note at right	616	ا ا	اه	اه	o	0	ol	0	0	l o	l c	0	0	0) O	0	144		
1	, -	184	160	24	ဂို	8	40	16	0	24	i a	i) o	· 0	48	24	24	140	24		- I II
Citational operation	Melissa Slatnik	24	100	27	ăl	0	0	0	0	0	1 0	ıl o	i l 0	0	0) 0	0	(ם 2	4 Environmental Science/Biology
	Sue Kelly	24	1 46	Š.	Ņ	, ,	Ö	ام	. ñ	8	ا	l d	ol o	l o	i o	ol o	0	(o) 6	4 Environmental Technical/Inspection, Phragmites Control
Environmental Specialist	Tom Humbles	40	اور ا	S)	ol ol	, j	0	i ši	ň	, 1	ا	ا أ	م ا	l o	l o	o o	0	(0 2	4 Environmetal Technical
Environmental Specialist	Erika Kehne	24	.0	의	0		0	l 🎇	0	١	۱ ۲		م ا	ì	ا	o o	Ιo	1 (0 4	8 Environmental Technical/Inspection
	Doug Taylor	24	16	이	이	의	10	l 🏻	0	ຸ່	1 7	1 6	il n	⊿ã	40	24	l 140	(ol 35	6 Environmental Technical
Environmental Specialist	Gwen Neate	24	40	0	이	oj	40		U	١	1 2	1 7	3	آ ا	1 70	il - i	0	ا ر	16	8 Engineering Planning and Review
Senior Engineer	William Chicca	104		64	oj	이	0	이	U	Ü	1 5			۱ ٪	۱ ۵	ไ ลี	l ň	1 7	- [4 Construction Planning
Engineer, Civil	Larry Walsh	24		0	0	0	0	이	0	U	"	1 5	ַון י	, ,	1 %	() ,	1 5			6 Engineering Design Evaulation, Cost Estimates
	David Foster	16	0	이	0	0	0	이	0	0	"	ין י	ין י	٠ ١	۱ '	ין י	j ^u	Ί ,	١ ١	Civil and Dredging Engineering, Surveys. Note: S. Moore until 11/16; position being
Languages, Com		1	i I		Ì	_		امد ا		ا ،	. ا		م ا	۱ ۸	٠ ا	8	l م	40	ol 83	6 filled
Engineer, Civil	see note at right	656	0	60	. 0	. 8	16	16	Ü	٥	1	29		۱ ×	1 7	3	آ ا	1 7	n 1	6 Engineering Design Evaulation, Cost Estimates
	Les Shaw	16		이	이	이	0	ᅵ 이	O	0	1] }	1	"	1 2		۱ ،	1	1	6 Engineering Design Evaulation, Cost Estimates
	Charles Peng	16	l ol	0	0	oļ	0	ᅵ	0	0] [<u> </u>	(I)	1 0	1 2	(1 %	۱ ٪	(1	, i	O Construction Engineering
	Ellis Heath	40	0	ol	0	0	0	0	0	0	1	1 9	9 9	0	1 5		,	31)	3	81 Field Operations Planning
and and an an	Allen West	40	0	o	o	0	0	0	0	1 0	į c)	3 0	0	1 5		"		16	111 - 1 - 1 - 1
- political interest and a second	James Tracy	120	l ol	ol	o	0	0	i o	0	0	(C) 8	sj 0	1 .0	1 9	<u>, </u>	1 40	4	-,	- 11 = · · · · · · · · · · · · · · · · ·
	Chris Norris	40	10	اه	ol	l ol	0	ol	0	4	.) () 0	16	- C) 8	1 10	9	و ا	-111
	Mark Cohoon	40	ام ا	ňl	اه	اه	0	l ol	0	0	() () 0	0	l c	9 8	8	3	U 5	6 CAD Drawings, Document Preparation
	Jeffrey Pitts	1 40	ا م	ň	ňl	ام	ō	l ol	0	lo	i c) () 0	0	(C	이 0	0	ų (미 4	Marine Operations, Construction Inspection
	1 .	1 40		ň	ă	ا م	Õ	ا ما	ō	l o	d c	ol d) 0	0	C) 0] 0) . (0	0 Engineering Technical Support
100 -6	Brian Wolff	1 .0	l XI	žl	žl		n	ا م	n	l o	1 6	ol d	ol a	0		0	12	3840		2 Boast/Equipment Operation. Service by various personnel
Boat/Equipment Operator	various	40	467	216	- 0	34	207	62	<u>0</u>	191	1	112	2 0	186	156	296	630	420-	4 1127	3
Labor Sub-Total	<u> </u>	4512	467	216]	0	34]	207	1 02	<u>U</u>	181	<u> </u>	<u> </u>	<u>-,</u>	1						

Task 1: Project Planning, Technical, Environmental and Implementation Services
Task 2: Long-Term Monitoring (CENAB Item 1.4)
Task 3: Dewatering Plan and Underdrain and Pumping System (CENAB Item 2.1.2)
Task 4: Wetland Field Data (CENAB Item 2.1.4)

Task 4: Wetland Field Data (CENAB Item 2.1.4)
Task 5: Baseline PSDDF Modeling and Cell Capacities (CENAB Item 2.1.5)
Task 6: Plan and Design Marsh (CENAB Item 2.1.6)
Task 7: Material Management Plan for First Dredging Cycle (CENAB Item 2.1.7)
Task 8: Filling Schedule and Quantitities for First Placement Cycle (CENAB Item 2.1.8)
Task 9: Technical Assistance for Planning First Placement Cycle (CENAB Item 2.1)

Task 10: Site Support and Logistics (CENAB Item 2.2)
Task 11: Design Crust Management Plan (Initial concept plan)
Task 12: Phragmites Control (CENAB Item 3.1)
Task 13: Vegetative Management Technical Analysis (CENAB Item 3.2)
Task 14: Vegetative Planning (CENAB Item 3.3)

Task 15: Public Meetings Technical and Meeting Support (CENAB Item 5.2)

Task 16: Interorganizational Support (CENAB Item 5.4)

Task 17: Planning and Implementation Logistics and General Support (no CENAB Item Number, provides field-level support for planning are related activities.

ATTACHMENT 2A

MES SUBCONTRACTOR COST ESTIMATE FOR SUBCONTRACTOR ELEMENTS OF TASK AMENDMENT #1 FOR TASKS 1 TO 17 From:

"Dennis Urso" <dcurso@gba-inc.com>

To:

MESDomain.GWIA("wayneyoung@erols.com")

Date:

Sun, Oct 15, 2000 9:07 PM

Subject:

Additional Budget for existing tasks

Wayne:

\$4K has been revised in attached spreadsheet.

The additional budget (\$332,711) for existing tasks covers Task 1 From June 1, 2000 through Dec. 2001, Task 2.1.2 from June 1, 2000 through Dec. 2000 and all other existing Tasks from June 1, 2000 Through October 2000. August and September is consolidated into this.

Keep in mind - In addition to the above, there will be 8 new tasks which we are referring

to as "Second Stage". The second stage tasks include more Planning through Design and implementation support tasks. The stage 2 tasks are listed below and will be for activities between October 2000 through Dec. 31, 2001. The rough budget estimate for "second stage" new tasks is about \$1.2 M. Details will follow, hopefully this week.

Task 20 Phase I Cell Filling Technical Support

Task 21 Phase I Continued Dredged Material Planning & Design

Task 22 Phase I Monitoring of Cell 3D and Cell 2S

Task 23 Continued Dike Raising and Dike Construction Planning and Design (PHASE 1 & 2)

Task 24 Out Year Dredged Material Placement & Marsh Monitoring Planning

Task 25 Hydraulic & Sedimentation Analysis

Task 26 Vegetative Management Alternatives Analysis (Cell 3 D)

Task 27 Vegetative Planning Design & Implementation Support (Cells 3D, 1 & 3)

GAHAGAN & BRYANT ASSOCIATES, INC.

Dennis C. Urso dcurso@gba-inc.com 410 682 5595 work 877 335 8763 cell 410-682-5595 voice 410-682-2175 ----- Original Message -----

From: Wayne Young <wayneyoung@erols.com>

To: <dcurso@gba-inc.com>

Cc: <sstor@menv.com>; <kwika@menv.com> Sent: Sunday, October 15, 2000 6:02 PM Subject: Requested budget for 2.1.2.d

- > Please call to discuss the \$4K that you listed for Mr. Galli in 2.1.2.d
- > for the Aug/Sep period. This part of the price estimate you forwarded
- > appears excessive to need inasmuch as 2.1.2.d is preparation of a MS
- > Project schedule for the underdrain installation and dike raising. It's
- > hard to visualize that Mr. Galli would have put in \$4K of effort on this

> particular subtask.

>

> Also, the updated estimate you sent to address increased level of effort

> mislabled 2.1.2.h and 2.1.2.i as 2.1.2.h.a and 2.1.2.h.b.a. I'm still

> working through these numbers. Also, I noted that the earlier 10/2

> version misapplied the 2.1.2.h estimate to 2.1.2.d and the 2.1.2.i

> estimate to 2.1.2.h. Please confirm that the update you sent me Friday

> contains the correct estimates for ther period 10/1/00 through 12/30/01

> for Tasks 1 through 17. I am under the impression that the estimate for

> Aug and Sep is not consolidated into the latest submission, and that I

> need to combine both numbers. Please confirm if this is a correct

> understanding.

>

CC:

"Wayne Young" <WYOUN@menv.com>, "Walter J. Dinicol...

Gahagan & Bryant Associates, Inc.
SUMMARY OF ADDITIONAL BUDGET REQUEST FOR EXISTING TASKS THROUGH DECEMBER 31, 2001

	Hourty	Tas	sk 1	Tas	k 2.1.2	Tas	k 2.1.4	Tasl	k 2.1.5	Tas	k 2.1.6	Task	2.1.7	Task	€2.1.8	Tas	sk 2.1.9	Ta	ask 3.2	Ta	sk 3.3	Total /	VII Tasks
Individua		hours	Labor	hours	Labor	hours	Labor	hours	Labor	hours	Labor	hours	Labor	hours	Labor	hours	Labor	hours	Labor	hours	Labor	hours	Labor
						_				_	••	_		_	••		•		••		••		6040
W G Gahaga		4	\$213	0	\$0		\$0 \$0	0	\$0 \$0	0	\$0 \$0	0	\$0 \$0	0	\$0 \$0		\$0 \$0		\$0 \$0	0	\$0 \$0	4	\$213 \$213
J F Bryant	\$53.30	4	\$213	0	\$0		•	0	-	_	•	-		0	\$0 \$0		\$0		\$160	Ö	\$0 \$0	27	\$864
R F Thomas	\$32.00	22	\$704	405	\$0	-	\$0	0 30	\$0	0	\$0 \$0	0 15	\$0 \$552	0	\$0		\$0		\$552	20	\$736	695	\$25,562
D C Urso	\$36.78	430	\$15,815	185	\$6,804	0	\$ 0		\$1,103	0		15		0	-		\$0		\$332 \$0	20	\$/36 \$0	095	\$25,562 \$0
P R Steele	\$37.55	0	\$0	0	\$0		\$0	0	\$0	0	\$ 0	0	\$0	0	\$0 \$0		\$0		\$0 \$0	0	\$0 \$0	4	\$0 \$173
G T Bryant	\$43.13	4	\$173	0	\$0		\$0	0	\$0	0	\$0	0	\$0 \$0	0			\$C \$C		\$0 \$0	0	\$0 \$0	0	\$173 \$0
R A Roman	\$34.13	0	\$0	0	\$0		\$0	0	\$0	•	\$0	•	•	-	\$0					0		90	\$2,678
Cariton Bryan		90	\$2,678	0	\$0	-	\$0	0	\$0	0	\$0	0 5	\$0	0	\$0		\$0		\$0	0	\$0 \$0	466	\$2,676 \$15,681
R K Mohan	\$33.65	360	\$12,114	21	\$707	0	\$0	30	\$1,010	0	\$0	-	\$168 \$808	0	\$0		\$0		\$1,683 \$606	20	\$404	355	\$15,661 \$7,167
S W Tracey	\$20.19	120	\$2,423	75	\$1,514		\$0	70	\$1,413	0	\$0	40		0	\$0		\$0		-	35	\$404 \$757	439	\$7,167 \$ 9,496
T M Donegar		120	\$2,596	129	\$2,790		\$0	35	\$757	0	\$0	35 40	\$757	•	\$0		\$0		\$1,839	35 20		439 1053	\$9,496 \$21,766
W J Dinicola	\$20.67	610	\$12,609		\$4,919		\$0	95	\$1,964	0	\$0		\$827	0	\$0		\$0		\$1,034		\$413		
W H Schwarz		0	\$0	0	\$0		\$0	0	\$0	0	\$0	0	\$0	0	\$0	_	\$0		\$0	0	\$0	0	\$0
W Nuckols	\$19.23	230	\$4,423	0	\$0		\$0	0	\$0	0	\$0	0	\$0	0	\$0		\$0		\$962		\$1,731	370	\$7,115
J P Yachmet		0	\$0	0	\$0		\$0	40	\$540	0	\$0	0	\$0	0	\$0		\$0		\$270	0	\$0	60	\$810
E DeAngelo	\$21.63	0	\$0	0	\$0		\$0	0	\$0	0	\$0		\$216	0	\$0		\$0		\$0	0	\$0	10	\$216
P L Pattersor	\$13.00	90	\$1,170	45	\$585	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	135	\$1,755
	Totals	2084	\$55,130	693	\$17,320	0	\$0	300	\$6,787	0	\$0	145	\$3,328	0	\$0	0	\$0	305	\$7,103	185	\$4,041	3712	\$93,7 <i>0</i> 8
Ave	rage hourly rate		\$26.45		\$24.99		#DIV/0I		\$22.62		#DtV/0!		\$22.95		#DIV/0!		#DIV/0I		\$23.29		\$21.84		\$25.24
	Overhead @	160%	\$88,208	160%	\$27,712	160%	\$0	160%	\$10.859	160%	\$0	160%	\$5,324	160%	\$0	160%	\$0	160%	\$11,366	160%	\$6,465		\$149,933
	Subtotal	10070	\$143,338	100,0	\$45,032		\$0	10070	\$17,646		\$0		\$8,652		\$C		\$0		\$18,469		\$10,505		\$243,642
	Fixed Fee @	10%	\$14.334	10%	\$4,503		\$0	10%	\$1,765	10%	\$0		\$865	10%	\$0		\$0		\$1,847	10%	\$1,051		\$24,364
Total Labor	Overhead and Fix		\$157,671	1070	\$49,535		\$0	1070	\$19,411	1070	\$0		\$9,517		\$0		\$0		\$20,316		\$11,556		\$268,006
TOTAL COOK,	overnous and the		• ,		4 10,000		•		•,		•		•										
Direct Costs																							
Travel Hotel	& Per Diem		\$800		\$2,450		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$3,250
Printing & Re	eproduction		\$1,400		\$750		\$0		\$550		\$0		\$175		\$0)	\$0)	\$420		\$270		\$3,565
Telephone a	ind Express Pack	ages	\$770		\$185		\$0		\$185		\$0		\$45		\$0)	\$0		\$80		\$7 5		\$1,340
Survey Equi	pment Use		\$50		\$500	1	\$0		\$0		\$0		\$0		\$0)	\$0)	\$0		\$0		\$55 <i>0</i>
Special Equi	ipment Rental		\$0		\$0	l	\$0		\$0		\$0		\$0		\$0)	\$0)	\$0		\$0		\$0
Boat Rental			\$0		\$0	ı	\$0		\$0		\$0		\$0		\$0)	\$0)	\$0		\$0		\$0
	Total Direct	Costs	\$3,020		\$3,885	i	\$0		\$735		\$0		\$220		\$0)	\$0)	\$500		\$345		\$8,7 <i>0</i> 5
Subcontracto	nrs																						
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E2CR			\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0
E2SI			\$0		SC		\$0		\$0		\$0		\$0		\$0)	\$()	\$0		\$0		\$0
Dr. Znidarci	•		\$0		\$0		\$0		\$10,000		\$0		\$0		\$0		\$0		\$0		\$0		\$10,000
Jim Galli	•		\$15,800		\$16,200		\$0		\$0		\$0		\$0		\$0)	\$0)	\$0		\$0		\$32,000
	Total Subcor	ntractors	\$25,800		\$16,200	1	\$0		\$10,000		\$0		\$0		\$0)	\$()	\$4,000		\$0		\$56, <i>000</i>
	Fotat Task Costs		\$186,491		\$69,620	1	\$0		\$30,146		\$0		\$9,737		s)	S)	\$24,816		\$11,901		\$332,711
																		TOTAL A	ALL TASKS				\$332,711
NOTES:	Project Plan	nning Servi	ires															· JIAL	17670				2002,711

Task 1 Project Planning Services

Task 2.1.2 Dewatering, Underdrain & Punping System, and Dike Raising Planning & Design

Task 2.1.4 Wetland Field Data

Task 2.1.5 Baseline PSDDF and Cell Capacities

Task 2.1.6 Plan and Design Marsh

Task 2.1.7 Material Management Plan for First Dredging Cycle

Task 2.1.8 Filling Schedule and Quantities for First Placement Cycle
Task 2.1.9 Technical Assistance for Plans and Specifications for Dredging

Task 3.2 Vegetative Management Technical Analysis

Task 3.3 Vegetative Planning

Gahagan & Bryant Associates, Inc.

Task 1 Project Planning Services

	Hourly	Sub-1	Task 1.1	Sub-	Task 1.2	Sub-	Task 1.3	Total	Task
Individual	Rate	hours	Labor	hours	Labor	hours	Labor	hours	Labor
W G Gahagan	\$ 53.30	0	\$0	4	\$213	0	\$0	4	\$213
J F Bryant	\$53.30	0	\$0	4	\$213	0	\$0	4	\$213
R F Thomas	\$32.00	10	\$320	12	\$384	0	\$0	22	\$704
D C Urso	\$36.78	330	\$12,137	60	\$2,207	40	\$1,471	430	\$15,815
P R Steele	\$37.55	0	\$0	0	\$0	0	\$0	0	\$0
G T Bryant	\$43.13	0	\$0	4	\$173	0	\$0	4	\$ 173
R A Roman	\$34.13	0	\$0	0	\$0	0	\$0	0	\$0
Carlton Bryant	\$29.75	90	\$2,678	0	\$0	0	\$0	90	\$2,678
R K Mohan	\$33.65	310	\$10,432	40	\$1,346	10	\$337	360	\$12,114
S W Tracey	\$20.19	70	\$1,413	50	\$1,010	0	\$0	120	\$2,423
T M Donegan	\$21.63	70	\$1,514	50	\$1,082	0	\$0	120	\$2,596
W J Dinicola	\$20.67	400	\$8,268	50	\$1,034	160	\$3,307	610	\$12,609
W H Schwarz	\$35.80	0	\$0	0	\$0	0	\$0	0	\$0
W Nuckols	\$19.23	180	\$3,461	50	\$962	0	\$0	230	\$4,423
J P Yachmetz	\$13.50	0	\$0	0	\$0	0	\$0	0	\$0
E DeAngelo	\$21.63	0	\$0	0	\$0	0	\$0	0	\$0
P L Patterson	\$14.50	0	\$0	0	\$0	90	\$1,305	90	\$1,305
	Totals	1460	\$40,223	324	\$8,622	300	\$6,420	2084	\$55,265
Avera	age hourly rate		\$27.55		\$26.61		\$21.40		\$26.52
	Overhead @	160%	\$64,357	160%	\$13,795	160%	\$10,272		\$88,424
	Subtotal		\$104,580		\$22,416		\$16,692		\$143,689
	Fixed Fee @	10%	\$10,458	10%	\$2,242	10%	\$1,669		\$14,369
Total Labor, O	verhead and Fi	ked Fee	\$115,038		\$24,658		\$1 <i>8</i> ,361		\$158, <i>0</i> 57
Direct Costs									
Travel Hotel 8	Per Diem		\$700		\$100		\$0		\$800
Printing & Rep	oroduction		\$1,100		\$200		\$100		\$1,400
Telephone an	d Express Pack	ages	\$520		\$50		\$200		\$770
Survey Equips	ment Use		\$0		\$0		\$50		\$50
Special Equip	ment Rental		\$0		\$0		\$0		\$0
Boat Rental			\$0		\$0		\$0		\$0
	Total Direct	Costs	\$2,320		\$350		\$350		\$3,020
Subcontractors	s								
ECI			\$10,000		\$0		\$0		\$10,000
E2CR			\$0		\$0		\$0		\$0
E2SI			\$0		\$0		\$0		\$0
Dr. Znidarcic			\$0		\$0		\$0		\$0
Jim Galli			\$15,800		\$0		\$0		\$15,800
	Total Subco	ntractor	\$25,800		\$0)	\$0		\$25,800
Te	otal Task Costs		\$143,158		\$25,008	1	\$18,711		\$186,877
NOTES:								Task 1	\$186,877

NOTES:

Joint Planning Team Support Supplemental Engineering and Technical Services Planning and Task Management Sub-Task 1.1 Sub-Task 1.2

Sub-Task 1.3

Gahagan & Bryant Associates, Inc.

Task 2.1.2 Dewatering, Underdrain & Punping System, and Dike Raising Planning & Design

	Hourly	Sub-Ta	sk 2.1.2.a	Sub-Ta	ask 2.1.2.b	Sub-Ta	sk 2.1.2.c	Sub-Ta	sk 2.1.2.d	Sub-Ta	ask 2.1.2.e	Sub-Ta	ask 2.1.2.f	Sub-Ta	isk 2.1.2.g	Sub-Ta	ask 2.1.2.h	Sub-T	ask 2.1.2.1	Total	Task
Individual	Rate	hours	Labor	hours	Labor	hours	Labor	hours	Labor	hours	Labor	hours	Labor	hours	Labor	hours	Labor	hours	Labor	hours	Labor
W G Gahagan	\$ 53.30	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	o	\$0
J F Bryant	\$53.30	ő	\$0	ő	\$0	Ö	\$0		\$0	Ö	\$0	ŏ	\$0	ŏ	\$0	ō	\$0	ō	\$0	ō	\$0
R F Thomas	\$32.00	ō	\$0	Ō	\$0	Ō	\$0		\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
D C Urso	\$36.78	ō	\$0	35	\$1,287	Ō	\$0		\$368	40	\$1,471	0	\$0	0	\$0	95	\$3,494	5	\$184	185	\$6,804
P R Steele	\$37.55	Ō	\$0	0	\$0	Ō	\$0		\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
G T Bryant	\$43.13	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	o	\$0
R A Roman	\$34.13	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	· \$0	0	\$0
Carlton Bryant	\$29.75	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
R K Mohan	\$33.65	0	\$0	0	\$0	0	\$0	0	\$0	0	\$5	0	\$0	0	\$0	21	\$707	0	\$0	21	\$712
S W Tracey	\$20.19	0	\$0	65	\$1,312	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	10	\$2 02	0	\$0	75	\$ 1,51 <i>4</i>
T M Donegan	\$21.63	0	\$0	85	\$1,839	0	\$0	10	\$216	0	\$0	0	\$0	0	\$0	34	\$735	0	\$0	129	\$2,790
W J Dinicola	\$20.67	0	\$0	65	\$1,344	0	\$0	30	\$620	20	\$413	0	\$0	0	\$0	98	\$2,026	25	\$517	238	\$4 ,919
W H Schwarz	\$35.80	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
W Nuckols	\$19.23	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$ <i>0</i>
J P Yachmetz	\$13.50	0	\$0	0	\$0	0	. \$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$ <i>0</i>
E DeAngelo	\$21.63	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$ <i>0</i>
P L Patterson	\$14.50	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	45	\$653	4 5	\$653
	Totals	0	\$0	250	\$5,782	0	\$0	50	\$1,204	60	\$1,890	0	\$0	0	\$0	258	\$7,164	75	\$1,353	693	\$17,392
Avera	age hourly rate		#DIV/0I		\$23.13		#DIV/0!		\$24.08		\$31.49		#DIV/0!		#DIV/0I		\$27.77		\$18.04		\$25.10
	Overhead @	160%	\$0	160%	\$9,251	160%	\$0	160%	\$1,927	160%	\$3,023	160%	\$0	160%	\$0	160%	\$11,462	160%	\$2,165		\$27,828
	Subtotal		\$0		\$15,033		\$0		\$3,131		\$4,913		\$0		\$0		\$18,626		\$3,518		\$45,220
	Fixed Fee @	10%	\$0	10%	\$1,503	10%	\$0	10%	\$313	10%	\$491	10%	\$0	10%	\$0	10%	\$1,863	10%	\$352		\$4,522
Total Labor, Ov		xed Fe€	\$0		\$16,536		\$0		\$3,444		\$5,404		\$0		\$0		\$20,488		\$3,870		\$49,742
Direct Costs			•																		
Travel Hotel &	Per Diem		\$0		\$850		\$0		\$0		\$0		\$0		\$0		\$1,600		\$0		\$2,450
Printing & Rep			\$0		\$200		\$0		\$0		\$0		\$0		\$0		\$450		\$100		\$750
	d Express Pack	ages	\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$150		\$35		\$185
Survey Equipm	•		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$500		\$0		\$500
Special Equip			\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0
Other			\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0
	Total Direct	Costs	\$0		\$1,050		\$0		\$0		\$0		\$0		\$0		\$2,700		\$135		\$3,885
Subcontractors																					
ECI	•		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0
E2CR			\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0
E2SI + Kiezer			\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0
Dr. Znidarcic			\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0
Jim Galli			\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$16,200		\$0		\$16,200
	Total Subco	ntractor	\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$16,200	-	\$0		\$16,200
То	tal Task Costs		\$0		\$17,586		\$0		\$3,444		\$5,404		\$0		\$0		\$39,388		\$4,005		\$6 9,827
NOTES:																			1	`ask 2.1.2	\$69,827

NOTES:

Sub-Task 2.1.2.a Data Review

Sub-Task 2.1.2.b Planning Studies

Sub-Task 2.1.2.c Pumping Systems

Sub-Task 2.1.2.d Scheduling

Sub-Task 2.1.2.e Design

Sub-Task 2.1.2.f Cost Estimates for Dewatering, Underdrain System, and Dike Raising

Sub-Task 2.1.2.g Plans & Specifications for Dike Raising, and Underdrain System

Sub-Task 2.1.2.h On Site Planning & Design Visits (10) & Meetings (10) over 6 months for Underdrain Installation and Dike Raising

Sub-Task 2.1.2.1 Planning and Task Management

Gahagan & Bryant Associates, Inc.

Task 2.1.4	Wetland Field Data
1 a SK 2. 1.4	wettand rield Data

	Hourly	Sub-Ta	sk 2.1.4.a	Sub-Ta	sk 2.1.4.b	Sub-Ta	sk 2.1.4.c	Sub-Ta	sk 2.1.4.d	Sub-Ta	sk 2.1.4.e	Sub-Ta	ask 2.1.4.f	Sub-Ta	ask 2.1.4.g	Tota	l Task
Individual	Rate	hours	Labor	hours	Labor	hours	Labor	hours	Labor	hours	Labor	hours	Labor	hours	Labor	hours	Labor
W G Gahagan	\$53.30	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	o	\$0
J F Bryant	\$53.30	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
R F Thomas	\$32.00	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
D C Urso	\$36.78	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
P R Steele	\$37.55	Ō	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
G T Bryant	\$43.13	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
R A Roman	\$34.13	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Lee Hurm	\$29.75	0	\$0		\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
R K Mohan	\$33.65	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
S W Tracey	\$20.19	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
T M Donegan	\$21.63	o	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
W J Dinicola	\$20.67	Ō	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
W H Schwarz	\$35.80	Ō	\$0		\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
W Nuckols	\$19.23	ō	\$0		- \$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
J P Yachmetz	\$13.50	ō	\$0		\$0	ō	\$0		\$0	0	\$0	0	\$0	0	\$0	0	\$0
E DeAngelo	\$21.63	ō	\$0		\$0	ō	\$0		\$0	0	\$0	0	\$0	0	\$0	0	\$0
P L Patterson	\$13.00	ō	\$0		\$0		\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
	Totals	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Avera	age hourly rate		#DIV/0I		#DIV/0!		#DIV/0I		#DIV/0I		#DIV/0I		#DIV/0I		#DIV/0I		#DIV/0!
	Overhead @	160%	\$0	160%	\$0	160%	\$0	160%	\$0	160%	\$0	160%	\$0	160%	\$0		\$0
	Subtotal		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0
	Fixed Fee @	10%	\$0		\$0		\$0		\$0	10%	\$0	10%	\$0	10%	\$0		\$0
Total Labor, O	verhead and Fi		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0
Direct Costs																	
Travel Hotel &	Per Diem		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0
Printing & Rep			\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0
	d Express Pack	ages	\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0
Survey Equip			\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0
Special Equip			\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0
Other			\$0	1	\$0		\$0		\$0		\$0		\$0		\$0		\$0
	Total Direct	Costs	\$0	ı	\$0		\$0		\$0		\$0		\$0		\$0		\$0
Subcontractor	s																
ECI			\$0	1	\$0		\$0		\$0		\$0		\$0		\$0		\$0
E2CR			\$0	ı	\$0		\$0		\$0		\$0		\$0		\$0		\$0
E2SI			\$0	1	\$0		\$0		\$0		\$0	1	\$0		\$0		\$0
Dr. Znidarcic			\$0	1	\$0		\$0		\$0		\$0		\$0		\$0		\$0
Jim Galli			\$0)	\$0		\$0		\$0		\$0)	\$0		\$0	•	\$0
	Total Subco	ntractor	\$0)	\$0		\$0		\$0		\$0)	\$0		\$0		\$0
T	otal Task Costs		so)	\$0	ı	\$0		\$0	ı	\$0)	\$0		\$0		\$0
NOTES:						•										Γask 2.1.4	\$0

NOTES

Sub-Task 2.1.4.a Geotechnical Sampling Plan

Sub-Task 2.1.4.b Sediment Cores

Sub-Task 2.1.4.c Index Properties

Sub-Task 2.1.4.d Foundation Consolidation Documentation

Sub-Task 2.1.4.e Cell Baseline Surveys

Sub-Task 2.1.4.f Seepage Induced Consolidation Testing

Sub-Task 2.1.4.g Planning and Task Management

Gahagan & Bryant Associates, Inc.

Baseline PSDDF and Cell Capacities Task 2.1.5

	Hourly	Sub-Ta	sk 2.1.5.a	Sub-Ta	sk 2.1.5.b	Sub-Ta	sk 2.1.5.c	Sub-Ta	sk 2.1.5.d	Sub-Ta	sk 2.1.5.e	Sub-Ta	ask 2.1.5.f	Tota	l Task
Individual	Rate	hours	Labor	hours	Labor	hours	Labor	hours	Labor	hours	Labor	hours	Labor	hours	Labor
	***	_		_	**	_	\$0	0	\$0		\$0	0	\$0	o	\$0
W G Gahagan	\$53.30 \$53.30	0	\$0 \$0	0	\$0 \$0	0	\$0 \$0	0	\$0 \$0	0	\$0 \$0	0	\$0 \$0	0	\$ 0
J F Bryant R F Thomas	\$33.30 \$32.00	0	\$0 \$0	0	\$0 \$0	0	\$0	Ö	\$0 \$0	Ö	\$0 \$0	Ö	\$0 \$0	0	\$0
D C Urso	\$32.00 \$36.78	0	\$0 \$0		\$552	3	\$110	2	\$74	5	\$184	5	\$184	30	\$1,103
P R Steele	\$30.76 \$37.55	0	\$0 \$0	0	\$352 \$0	0	\$110	ō	\$0	0	\$104	0	\$0	0	\$0
G T Bryant	\$43.13	0	\$0 \$0	_	\$0 \$0	Ö	\$0 \$0	ő	\$0	0	\$0	ő	\$0	Ö	\$0
R A Roman	\$34.13	Ö	\$0	Ö	\$0	Ö	\$0	Ö	\$0	ō	\$0	ő	\$0	Ö	\$0
Lee Hurm	\$29.75	Ö	\$0	ő	\$0	Ö	\$0	Ö	\$0	ō	\$0	Ö	\$0	Ö	\$0
R K Mohan	\$33.65	ő	\$0	20	\$673	0	\$0	Ö	\$0	10	\$337	Ö	\$0	30	\$1,010
S W Tracey	\$20.19	0	\$0	_	\$0	60	\$1,211	10	\$202	0	\$0	Ö	\$0	70	\$1,413
T M Donegan	\$21.63	ő	\$0	_	\$0	0	\$0	30	\$649	5	\$108	ō	\$0	35	\$757
W J Dinicola	\$20.67	ő	\$0	_	\$1,240	10	\$207	0	\$0	10	\$207	15	\$310	95	\$1,964
W H Schwarz	\$35.80	Ö	\$0		\$0	0	\$0	ō	\$0	0	\$0	0	\$0	0	\$0
W Nuckols	\$19.23	ő	\$0	ő	\$0	Ö	\$0	ō	\$0	ō	\$0	ō	\$0	ō	\$0
J P Yachmetz	\$13.50	Ö	\$0	_	\$540	ō	\$0	ō	\$0	0	\$0	Ō	\$0	40	\$540
E DeAngelo	\$21.63	Ö	\$0		\$0	ō	\$0	ō	\$0	ō	\$0	Ō	\$0	0	\$0
P L Patterson	\$13.00	Ö	\$0		\$0	ō	\$0	0	\$0	Ō	\$0	0	\$0	0	\$0
	Totals	0	\$0	135	\$3,005	73	\$1,528	42	\$924	30	\$835	20	\$494	300	\$6,787
Aver	age hourly rate		#DIV/0I		\$22.26		\$20.94		\$22.01		\$27.84		\$24.70		\$22.62
	Overhead @	160%	\$0	160%	\$4,808	160%	\$2,446	160%	\$1,479	160%	\$1,336	160%	\$790		\$10.859
	Subtotal	10076	\$0	_	\$7,813	10070	\$3,974	100,0	\$2,403	100,0	\$2,172	.00,0	\$1,284		\$17,646
	Fixed Fee @	10%	\$0		\$781	10%	\$397	10%	\$240	10%	\$217	10%	\$128		\$1,765
Total Labor, C	verhead and Fi		\$0		\$8,594	1070	\$4,371		\$2,644	,	\$2,389		\$1,413		\$19,411
Di C															
Direct Costs Travel Hotel &	P Dor Diam		\$0		\$0		\$0		\$0		\$0		\$0		\$0
			\$0 \$0		\$150		\$100		\$100		\$100		\$100		\$550
Printing & Re		2000	\$0 \$0		\$25		\$40		\$40		\$40		\$40		\$185
	d Express Pack	ayes	\$0 \$0		\$25 \$0		\$0		\$0		\$0		\$0		\$0
Survey Equip			\$0 \$0		\$0 \$0		\$0		\$0 \$0		\$0 \$0		\$0		\$0
Special Equip Other	ment Rental		\$0 \$0		\$0 \$0		\$0		\$0		\$0		\$0		\$0
	Tatal Disast	C1-	\$0		\$175		\$140		\$140		\$140		\$140		\$ 735
	Total Direct	Costs	\$0	1	\$175		\$140		\$140		φ1 4 0		\$140		\$133
Subcontractor	s				_										••
ECI			\$0		\$0		\$0		\$0		\$0		\$0		\$0
E2CR			\$0		\$0		\$0		\$0		\$0		\$0		\$0 \$0
E2SI			\$0		\$0		\$0		\$0		\$0		\$0		• -
Dr. Znidarcic			\$0		\$10,000		\$0		\$0		\$0		\$0		\$10,000
Jim Galli			\$0	1	\$0		\$0		\$0		\$0		\$0	•	\$0
	Total Subco	ntractor	\$0)	\$10,000		\$0		\$0		\$0		\$0		\$10,000
Т	otal Task Costs		\$0)	\$18,769		\$4,511		\$2,784		\$2,529		\$1,553		\$30, <i>14</i> 6
														<i>-</i>	***

NOTES:

Sub-Task 2.1.5.a PSDDF Modeling Plan

Sub-Task 2.1.5.b PSDDF Modeling
Sub-Task 2.1.5.c Assessment of Dredged Material Elevations

Sub-Task 2.1.5.d Phase I Cell Volume and Capacity Tables
Sub-Task 2.1.5.e Elevations Modeling Report
Sub-Task 2.1.5.f Planning and Task Management

Task 2.1.5

\$30,146

Gahagan & Bryant Associates, Inc.

Plan and Design Marsh Task 2.1.6

	Hourly	Sub-Ta	sk 2.1.6.a	Sub-Ta	sk 2.1.6.b	Sub-Ta	sk 2.1.6.c	Sub-Ta	sk 2.1.6.d	Tota	Task
Individu		hours	Labor	hours	Labor	hours	Labor	hours	Labor	hours	Labor
W G Gahag		0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
J F Bryant	\$53.30	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
R F Thomas	•	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
D C Urso	\$36.78	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
P R Steele	\$37.55	0	\$0	0	\$0	0	\$0	0	\$0	0	\$ 0
G T Bryant	\$43.13	0	\$0	0	\$0	0	\$0	0	\$0 \$0	_	\$ 0
R A Roman	•	0	\$0	0	\$0	0	\$0	0	\$0 \$0	0	\$0 \$0
Lee Hurm	\$29.75	0	\$0	0	\$0	0	\$0 \$0	0	\$0 \$0	0	\$0 \$0
R K Mohan		0	\$0	0	\$0 \$0	0	\$0 \$0	0	\$0 \$0	0	\$0
S W Tracey		0	\$0 60	0	•	0	\$0 \$0	0	\$0 \$0	0	\$0
T M Doneg		0	\$0 60	_	\$0 \$ 0	0	\$0 \$0	0	\$0 \$0	0	\$0
W J Dinicol		0	\$0 60	0	\$0 \$0	0	\$0 \$0	0	\$0 \$0	0	\$0
W H Schwa		0	\$0 \$0	0	\$0 \$0	0	\$0 \$0	0	\$0 \$0	0	\$0
W Nuckols	\$19.23	0	-	_	• -	-	\$0 \$0	_	\$0 \$0	0	\$0
J P Yachme		0	\$0	0	\$0 6 0	0	\$0 \$0	0	\$0 \$0	0	\$0
E DeAngelo		0	\$0	0	\$0	0	\$0 \$0	-	\$0 \$0	0	\$0
P L Patters	on \$13.00	0	\$0	0	\$0	U	20	U	ψU	U	\$0
	Totals	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
A	verage hourly rate		#DIV/0I		#DIV/0I		#DIV/0I		#DIV/0I		#DIV/0!
		4000/	**	4000/	eo.	4000/	60	160%	\$0		\$0
	Overhead @	160%	\$0 60	160%	\$0 \$0	160%	\$0 \$0		\$0 \$0		\$ 0
	Subtotal	400/	\$0 \$0	10%	\$0 \$0	10%	\$0 \$0		\$0		\$0
T-4-11-6	Fixed Fee @	10%	\$0 \$0	10%	\$0 \$0		\$0 \$0		\$0		\$0
lotal Labor	r, Overhead and Fi	xea ree	\$ 0		\$ 0		ψU		φυ		40
Direct Cost	s										
Travel Hot	el & Per Diem		\$0		\$0		\$0		\$0		\$0
Printing &	Reproduction		\$0		\$0		\$0		\$0		\$0
	and Express Pack	ages	\$0		\$0		\$0		\$0		\$0
Survey Eq	uipment Use	•	\$0		\$0		\$0		\$0		\$0
Special Ed	uipment Rental		\$0		\$0		\$0		\$0		\$0
Other			\$0		\$0		\$0		\$0		\$0
	Total Direct	Costs	\$0		\$0		\$0	ı	\$0		\$0
Subcontrac	tor										
ECI	.wis		\$0		\$0		\$0	ı	\$0		\$0
E2CR			\$0		\$0		\$0		\$0		\$0
E2SI			\$0		\$0		\$0		\$0		\$0
Dr. Znidan	oio		\$0		\$0		\$0		\$0		\$0
Jim Galli	UIU		\$0		\$0		\$0		\$0		\$0
Jiii Guii			• -		•		•				•
	Total Subco	ntractor	\$0	ı	\$0		\$0	1	\$0		\$0
	Total Task Costs		\$0)	\$0)	\$0)	\$0		\$0
									_		

NOTES:

Sub-Task 2.1.6.a Marsh Construction Technical Analysis
Sub-Task 2.1.6.b Water Level Control and Effluent Quality Techniques
Sub-Task 2.1.6.c Concept Plan for Marsh Construction
Sub-Task 2.1.6.d Planning and Task Management

Task 2.1.6

\$0

Gahagan & Bryant Associates, Inc.

Task 2.1.7	Material Management Plan for First Dredging Cycle
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	Hourly	Sub-Ta	sk 2.1.7.a	Sub-Ta	sk 2.1.7.b	Sub-Ta	sk 2.1.7.c	Sub-Ta	sk 2.1.7.d	Sub-Ta	sk 2.1.7.e	Sub-Ta	sk 2.1.7.f	Sub-Ta	sk 2.1.7.g	Total	Task
Individual	Rate	hours	Labor	hours	Labor	hours	Labor	hours	Labor	hours	Labor	hours	Labor	hours	Labor	hours	Labor
W G Gahagan	\$53.30	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
J F Bryant	\$53.30	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
R F Thomas	\$32.00	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
D C Urso	\$36.78	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	10	\$368	5	\$184	15	\$552
P R Steele	\$37.55	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
G T Bryant	\$43.13	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
R A Roman	\$34.13	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Lee Hurm	\$29.75	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
R K Mohan	\$33.65	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	5	\$168	0	\$0	5	\$168
S W Tracey	\$20.19	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	40	\$808	0	\$0	40	\$808
T M Donegan	\$21.63	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	30	\$649	5	\$108	35	\$757
W J Dinicola	\$20.67	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	20	\$413	20	\$413	40	\$827
W H Schwarz	\$35.80	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
W Nuckols	\$19.23	ō	\$0	ō	. \$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
J P Yachmetz	\$13.50	ō	\$0		\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
E DeAngelo	\$21.63	ō	\$0	_	\$0	0	\$0	0	\$0	0	\$0	10	\$216	0	\$0	10	\$216
P L Patterson	\$13.00	ő	\$0		\$0	Ō	\$0	Ō	\$0		\$0	0	\$0	0	\$0	0	\$0
	Totals	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	115	\$2,622	30	\$705	145	\$3,328
Avera	age hourly rate		#DIV/0I		#DIV/0!		#DIV/0I		#DIV/0!		#DIV/0!		\$22.80		\$23.52		\$22.95
	0	4600/	c o	160%	\$0	160%	¢o.	160%	\$0	160%	\$0	160%	\$4,196	160%	\$1,129		\$5,32 <i>4</i>
	Overhead @		•		\$0 \$0	100%	\$0 \$0	100%	\$0 \$0		\$0 \$0	10076	\$6,818	10070	\$1,834		\$8,652
	Subtotal		\$0			4.00/	\$0 \$0	10%	\$0 \$0		\$0 \$0	10%	\$682	10%	\$183		\$865
Total Labor O	Fixed Fee @ verhead and Fi		\$0 \$0		\$0 \$0	10%	\$0 \$0	10%	\$0 \$0		\$0 \$0	1076	\$7,500	10%	\$2,018		\$9,517
			•-		•		•		·		•						
Direct Costs																	
Travel Hotel 8	Per Diem		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0
Printing & Rep	production		\$0		\$0		\$0		\$0		\$0		\$75		\$100		\$175
Telephone an	d Express Pack	cages	\$0		\$0		\$0		\$0		\$0		\$25		\$20		\$45
Survey Equips	ment Use		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0
Special Equip	ment Rental		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$ 0
Other			\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0
	Total Direct	Costs	\$0		\$0		\$0		\$0		\$0		\$100		\$120		\$220
Subcontractors	s																
ECI	-		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0
E2CR			\$0	ı	\$0		\$0		\$0		\$0		\$0		\$0		\$0
E2SI			\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0
Dr. Znidarcic			\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0
Jim Galli			\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0
	Total Subco	intractor	\$0	ı	\$0		\$0		\$0		\$0		\$0		\$0	-	\$0
To	otal Task Costs		\$0	1	\$0		\$0		\$0		\$0		\$7,600		\$2,138		\$9,737
NOTES:															•	Гask 2.1.7	\$9,737

Sub-Task 2.1.7.a Placement Methods

Sub-Task 2.1.7.b Phase I Cell Volume and Potential Capacity

Sub-Task 2.1.7.c Wetland Cell Filling Procedures

Sub-Task 2.1.7.6 Upland Cell Filling Procedures
Sub-Task 2.1.7.e Material Placement Plan For First Dredged Material Placement Cycle
Sub-Task 2.1.7.f Plan and Design Dredged Material Fill Area for Future Use as a Test Plot
Sub-Task 2.1.7.g Planning and Task Management

Gahagan & Bryant Associates, Inc.

Task 2.1.8 Filling Schedule and Quantities for First Placement Cycle

	Hourly	Sub-Tas	k 2.1.8.a	Sub-Ta	sk 2.1.8.b	Sub-Ta	sk 2.1.8.c	Tota	l Task
Individual	Rate	hours	Labor	hours	Labor	hours	Labor	hours	Labor
W G Gahagan	\$53.30	0	\$0	0	\$0	0	\$0	0	\$0
J F Bryant	\$53.30	0	\$0	0	\$0	0	\$0	0	\$0
R F Thomas	\$32.00	0	\$0	0	\$0	0	\$0	0	\$0
D C Urso	\$36.78	0	\$0	0	\$0	0	\$0	0	\$0
P R Steele	\$37.55	0	\$0	0	\$0	. 0	\$0	0	\$0
G T Bryant	\$43.13	0	\$0	0	\$0	0	\$0	0	\$0
R A Roman	\$34.13	0	\$0	0	\$0	0	\$0	0	\$0
Lee Hurm	\$29.75	0	\$0	0	\$0	0	\$0	0	\$0
R K Mohan	\$33.65	0	\$0	0	\$0	0	\$0	0	\$0
S W Tracey	\$20.19	0	\$0	0	\$0	0	\$0	0	\$0
T M Donegan	\$21.63	0	\$0	0	\$0	0	\$0	0	\$0
W J Dinicola	\$20.67	0	\$0	0	\$0	0	\$0	0	\$0
W H Schwarz	\$35.80	0	\$0	0	\$0	0	\$0	0	\$0
W Nuckols	\$19.23	0	\$0	0	\$0	0	\$0	0	\$0
J P Yachmetz	\$13.50	0	\$0	0	\$0	0	\$0	0	\$0
E DeAngelo	\$21.63	0	\$0	0	\$0	0	\$0	0	\$0
P L Patterson	\$13.00	0	\$0	0	\$0	0	\$0	0	\$0
	Totals	0	\$0	0	\$0	0	\$0	0	\$0
Avera	ge hourly rate		#DIV/0I		#DIV/0!		#DIV/0!		#DIV/0!
Aveia	ge nouny rate		#BI 1701		#B14101				
	Overhead @	160%	\$0	160%	\$0	160%	\$0		\$ 0
	Subtotal		\$0		\$0		\$ O		\$0
	Fixed Fee @	10%	\$0	10%	\$0	10%	\$0		\$0
Total Labor, Ov	erhead and Fi	ked Fe€	\$0		\$0		\$0		\$0
Direct Costs									
Travel Hotel &	Per Diem		\$0		\$0		\$0		\$0
Printing & Rep			\$0		\$0		\$0		\$0
Telephone and		ages	\$0		\$0		\$0		\$0
Survey Equipm		agoo	\$0		\$0		\$0		\$0
Special Equipr			\$0		\$0		\$0		\$0
Other			\$0		\$0		\$0		\$0
	Total Direct	Costs	\$0		\$0		\$0		\$0
	rotal Birott	000.0	••				•		•
Subcontractors									
ECI			\$0		\$0		\$0		\$0
E2CR			\$0		\$0		\$0		\$0
E2SI			\$0		\$0		\$0		\$0
Dr. Znidarcic			\$0		\$0		\$0		\$0
Jim Galli			\$0		\$0		\$0		\$0
	Total Subco	ntractor	\$0		\$0		\$0		\$0
To	tal Task Costs		\$0		\$0		\$0		\$0
NOTES:							٦	Γask 2.1.8	\$0
Cub Tool: 2.1.9	. Dissement	Ougatitu	Estimata					a. a. a. u	•

Sub-Task 2.1.8.a Placement Quantity Estimate Sub-Task 2.1.8.b Filling Schedule and Quantities Sub-Task 2.1.8.c Planning and Task Management

Gahagan & Bryant Associates, Inc.

Task 2.1.9 Technical Assistance for Plans and Specifications for Dredging

	Hourly	Sub-Ta	sk 2.1.9.a	Sub-Ta	sk 2.1.9.b	Total	Task
Individual	Rate	hours	Labor	hours	Labor	hours	Labor
W G Gahagan	\$53.30	0	\$0	0	\$0	o	\$0
J F Bryant	\$53.30	0	\$0	0	\$0	0	\$0
R F Thomas	\$32.00	0	\$0	0	\$0	0	\$0
D C Urso	\$36.78	0	\$0	0	\$0	0	\$0
P R Steele	\$37.55	0	\$0	0	\$0	0	\$0
G T Bryant	\$43.13	0	\$0	0	\$0	0	\$0
R A Roman	\$34.13	0	\$0	0	\$0	0	\$0
Lee Hurm	\$29.75	0	\$0	0	\$0	0	\$0
R K Mohan	\$33.65	0	\$0	0	\$0	0	\$0
S W Tracey	\$20.19	0	\$0	0	\$0	0	\$0
T M Donegan	\$21.63	0	\$0	0	\$0	0	\$0
W J Dinicola	\$20.67	0	\$0	0	\$0	0	\$0
W H Schwarz	\$35.80	0	\$0	0	\$0	0	<i>\$0</i>
W Nuckols	\$19.23	0	\$0	0	\$0	0	\$0
J P Yachmetz	\$13.50	0	\$0	0	\$0	0	\$0
E DeAngelo	\$21.63	0	\$0	0	\$0	0	\$ <i>o</i>
P L Patterson	\$13.00	0	\$0	0	\$0	0	\$0
	Totals	0	\$0	0	\$0	0	\$0
Avera	ige hourly rate		#DIV/0I		#DIV/0I		#DIV/0!
	Overhead @	160%	\$0	160%	\$0		\$0
	Subtotal		\$0		\$0		\$0
	Fixed Fee @	10%	\$0	10%	\$0		\$0
Total Labor, Ov	verhead and Fix	ed Fee	\$0		\$0		\$0
Direct Costs							
Travel Hotel &	Per Diem		\$0		\$0		\$0
Printing & Rep	roduction		\$0		\$0		\$0
Telephone and	d Express Pack	ages	\$0		\$0		\$0
Survey Equipr	nent Use		\$0		\$0		\$0
Special Equip	ment Rental		\$0		\$0		\$0
Other			\$0		\$0		\$0
	Total Direct	Costs	\$0		\$0		\$0
Subcontractors	;						
ECI			\$0		\$0		\$0
E2CR			\$0		\$0		\$0
E2SI			\$0		\$0		\$0
Dr. Znidarcic			\$0		\$0		\$0
Jim Galli			\$0		\$0		\$0
	Total Subco	ntractor	\$0		\$0		\$0
To	tal Task Costs		\$0	ı	\$0		\$0
NOTES:					7	Task 2.1.9	\$0

Sub-Task 2.1.9.a Dredging Contract Plans and Specifications Sub-Task 2.1.9.b Planning and Task Management

Gahagan & Bryant Associates, Inc.

Task 3.2 Vegetative Management Technical Analysis

	Hourly	Sub-Ta	ask 3.2.1	Sub-T	ask 3.2.2	Sub-T	ask 3.2.3	Total	Task
Individual	Rate	hours	Labor	hours	Labor	hours	Labor	hours	Labor
W G Gahagan	\$53.30	0	\$0	0	\$0	0	\$0	0	\$0
J F Bryant	\$53.30	0	\$0	0	\$0	0	\$0	0	\$0
R F Thomas	\$32.00	0	\$0	5	\$160	0	\$ 0	5	\$160
D C Urso	\$36.78	5	\$184	10	\$368	0	\$0	15	\$ 552
P R Steele	\$37.55	0	\$0	0	\$0	0	\$ 0	0	\$0
G T Bryant	\$43.13	0	\$0	0	\$0	0	\$0	0	\$0
R A Roman	\$34.13	0	\$0	0	\$0	0	\$0	0	\$0
Lee Hurm	\$29.75	0	\$0	0	\$0	0	.\$0	0	\$0
R K Mohan	\$33.65	10	\$337	40	\$1,346	0	\$0	5 <i>0</i>	\$1,6 83
S W Tracey	\$20.19	0	\$0	30	\$606	0	\$0	30	\$606
T M Donegan	\$21.63	0	\$0	80	\$1,730	5	\$108	85	\$1,839
W J Dinicola	· \$20.67	10	\$207	20	\$413	20	\$413	5 <i>0</i>	\$1,034
W H Schwarz	\$35.80	0	\$0	0	\$0	0	\$0	0	\$0
W Nuckols	\$19.23	30	\$577	20	\$385	0	\$0	50	\$962
J P Yachmetz	\$13.50	0	\$0	20	\$270	0	\$0	20	\$270
E DeAngelo	\$21.63	0	\$0	0	\$0	0	\$0	0	\$0
P L Patterson	\$13.00	0	\$0	0	\$0	0	\$0	o	\$0
	Totals	55	\$1,304	225	\$5,278	25	\$522	3 <i>0</i> 5	\$7,103
Avera	ge hourly rate		\$23.71		\$23.46		\$20.86		\$23.29
	Overhead @	160%	\$2,086	160%	\$8,445	160%	\$834		\$11,366
	Subtotal		\$3,390		\$13,723		\$1,356		\$18,469
	Fixed Fee @	10%	\$339	10%	\$1,372	10%	\$136		\$1,847
Total Labor, Ov	_	xed Fe∈	\$3,729		\$15,095		\$1,492		\$20,316
Direct Costs									
Travel Hotel &	Per Diem		\$0		\$0		\$0		\$0
Printing & Rep			\$0		\$380		\$40		\$420
Telephone and		ages	\$0		\$80		\$0		\$80
Survey Equipm	•		\$0		\$0		\$0		\$0
Special Equipr			\$0		\$0		\$0		\$0
Other			\$0		\$0		\$0		\$0
	Total Direct	Costs	\$0		\$460		\$40		\$500
Subcontractors									
ECI			\$1,500		\$2,500		\$0		\$4,000
E2CR			\$0		\$0		\$0		\$0
E2SI			\$0		\$0		\$0		\$0
Dr. Znidarcic			\$0		\$0		\$0		\$0
Jim Galli			\$0		\$0		\$0		\$0
	Total Subco	ntractor	\$1,500		\$2,500	ı	\$0		\$4,000
Ta	tal Task Costs		\$5,229		\$18,055	;	\$1,532		\$24,816
NOTES:								Task 3.2	\$24,816

Sub-Task 3.2.1 Vegetative Management Analysis
Sub-Task 3.2.2 Hydraulic Analysis for Wetland Circulation
Planning and Task Management

Gahagan & Bryant Associates, Inc.

Task 3.3	Vegetative Planning
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	Hourly	Sub-T	ask 3.3.1	Sub-T	ask 3.3.2	Sub-T	ask 3.3.3	Sub-T	ask 3.3.4	Total	Task
Individual	Rate	hours	Labor	hours	Labor	hours	Labor	hours	Labor	hours	Labor
W G Gahagan	\$53 .30	0	\$0	0	\$0	0	\$0	0	\$0	o	\$0
J F Bryant	\$53.30	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
R F Thomas	\$32.00	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
D C Urso	\$36,78	0	\$0	5	\$184	10	\$368	5	\$184	20	\$736
P R Steele	\$37.55	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
G T Bryant	\$43.13	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
R A Roman	\$34.13	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
Lee Hurm	\$29.75	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
R K Mohan	\$33.65	0	\$0	0	\$0	0	\$0	0	\$0	0	\$ <i>0</i>
S W Tracey	\$20.19	0	\$0	5	\$101	15	\$303	0	\$0	20	\$404
T M Donegan	\$21.63	0	\$0	20	\$433	15	\$324	0	\$0	35	\$757
W J Dinicola	\$20.67	0	\$0	0	\$0	0	\$0	20	\$413	20	\$413
W H Schwarz	\$35.80	0	\$0	0	\$0	0	\$0	0	\$0	0	\$ <i>0</i>
W Nuckols	\$19.23	0	\$0	40	\$769	40	\$769	10	\$192	90	\$1,731
J P Yachmetz	\$13.50	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
E DeAngelo	\$21.63	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
P L Patterson	\$13.00	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
	Totals	0	\$0	70	\$1,487	80	\$1,764	35	\$790	185	\$4,041
Avera	age hourly rate		#DIV/0!		\$21.24		\$22.05		\$22.56		\$21.84
	Overhead @	160%	\$0	160%	\$2,379	160%	\$2,823	160%	\$1,263		\$6,465
	Subtotal		\$0		\$3,865		\$4,587		\$2,053		\$10,505
	Fixed Fee @	10%	\$0	10%	\$387	10%	\$459	10%	\$205		\$1,051
Total Labor, O	verhead and Fix	ked Fe€	\$0		\$4,252		\$5,046		\$2,258		\$11,556
Direct Costs											
Travel Hotel &			\$0		\$0		\$0		\$0		\$0
Printing & Rep			\$0		\$100		\$120		\$50		\$270
	d Express Pack	ages	\$0		\$25		\$40		\$10		\$75
Survey Equipr			\$0		\$0		\$0		\$0		\$0
Special Equip	ment Rental		\$0		\$0		\$0		\$0 \$ 0		\$0 \$0
Other			\$0		\$0		\$0		\$0		\$0
	Total Direct	Costs	\$0		\$125		\$160		\$60		\$ 345
Subcontractors	5										
ECI			\$0		\$0		\$0		\$0		\$0
E2CR			\$0		\$0		\$0		\$0		\$0
E2SI			\$0		\$0		\$0		\$0		\$0
Dr. Znidarcic			\$0		\$0		\$0		\$0		\$0 \$0
Jim Galli			\$0		\$0		\$0		\$0		\$0
	Total Subco	ntractor	\$0		\$0		\$0		\$0		\$0
To	otal Task Costs		\$0		\$4,377		\$5,206		\$2,318		\$11,901
NOTES:		=								Task 3.3	\$t t,90t

Sub-Task 3.3.1 Design Test Plant Zones Sub-Task 3.3.2 Review, Plan and Design Nursery

Sub-Task 3.3.3 Preliminary Vegetation Design Sub-Task 3.3.4 Planning and Task Management

ATTACHMENT 3

MES COMPILATION OF COST ESTIMATES FOR ORIGINAL PROPOSAL AND TASK AMENDMENT #1 FOR TASKS 1 TO 17

ENVIRONMENTAL, PLANNING, TECHNICAL AND IMPLEMENTATION SERVICES FOR POPLAR ISLAND ENVIRONMENTAL RESTORATION PROJECT

BUDGET REVISION REQUEST FOR TASKS 1 TO 17 THROUGH DECEMBER 31, 2001

BUDGET SUMMARY

Category	Employee	TASK 1	TASK 2	TASK 3	TASK 4	TASK 5	TASK 6	TASK 7	TASK 8	TASK 9	TASK 10	TASK 11	TARK IT	TACK 15 1	TARK					Work Performed
ject Director/Senior Planner	Wayne Young	\$34,839	\$509	\$ 2,313	\$36							IASK 11	TASK 12	TASK 13	TASK 14	TASK 15	TASK 16	TASK 17	Cost	
,,		\$27,003	\$303	32,313	\$30	\$110	\$363	\$406	\$3 6	\$2,382	\$1,567	\$1,766	\$38	\$145	· \$436	\$1,744	\$712	\$729	\$48,128	Project/Operations Planning, Contract Oversight, Tech. Rev
pject Manager nior Environmental Scientist	see note at right Cecelia Donovan	\$42,307 \$4,589	\$936 \$5,027	· \$3,067 \$0	\$194 \$0	\$638 \$0	\$1,353 \$1,395	\$749 \$0	\$97 \$ 0	\$2,549 \$1,526	\$5,640 \$0	\$416 \$234	\$0 \$0	\$832 \$1,620	\$1,144 \$1,507	\$2,081 \$3,464	\$1,457 \$8,399	\$3,605		Project Management, Ops Planning, Note: K. Wikar thru 10 S. Storms from 10/20
vironmental Scientist	Tammy Banta	\$1,227 	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$100	\$0	\$0	\$0	\$0	\$0	\$0	\$0,399	\$0	\$27,761 \$1,327	Environmental Science/Monitoring Environmental Science/Monitoring
Project Manager/ Env. Scientist	Steve Storms	\$ 12,701	\$ 3,513	\$o	\$0	\$0	\$1,133	\$0	\$0	\$1,726	· \$ 0	\$398	\$1,385	\$767	\$ 1,151	\$2,912	\$5,946	\$767	\$ 32,399	Alternate Project Manager, Environmental Science. Positio backfilled or hours reprogrammed to others upon assignme project manager.
vironmental Specialist	see note at right Metissa Slatnik	\$14,168 \$4,852	\$0 \$4,007	\$0 \$726	\$0 \$119	\$0 \$242	\$0 \$734	\$0 \$365	\$0 \$59	\$0 \$488	\$0 \$2,141	\$0 \$0	\$0 \$178	\$0 \$1,452	\$0 \$726	\$0 \$726	\$0	\$3,312	\$17,480	
rironmental Specialist rironmental Specialist	Sue Kelly Tom Humbles	\$732 \$1,318	\$0 \$268	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$653	\$0 \$0	. \$0	\$0	\$0	\$0	\$0	\$4,235 \$0	\$726 \$0	\$732	Contract Mgt.Support/Env. Science/Geology Environmental Science/Biology
vironmental Specialist vironmental Specialist	Erika Kehne Doug Taylor	\$576 \$487	\$278 \$218	\$0 \$0	\$0 \$0	\$0	\$0 \$0	\$0	\$0	\$0	\$ 93	\$0 \$0	\$3,181 \$0	\$0 \$139	\$0 \$0	\$0 \$278	\$0 \$1,621	\$0	\$5,420	Environmental Technical/Inspection, Phragmites Control Environmetal Technical
vironmental Specialist nior Engineer	Gwen Neate	\$332	\$ 553	\$0	\$0	\$0 \$0	\$553	\$0 \$0	\$0 \$0	\$429 \$0	02 102	\$0 \$0	\$0 \$0	\$0 \$664	\$0 \$553	\$0 \$332	\$0 \$1,936	\$0	\$1,134	Environmental Technical/Inspection
rineer, Civil	William Chicca Larry Walsh	\$4,832 \$1,397	\$0 \$0	\$2,435 \$0	02	\$0 \$0	02 02	\$0 \$0	\$0 \$0	\$0	\$0 \$1,027	02 02	\$0	\$0	\$0	\$0	\$0	\$0 \$0	\$4,923 \$7,266	Engineering Planning and Review
gineer, Civil gineer, Civil	David Foster R. Shane Moore	\$923 \$14,626	\$0 \$0	\$0 \$1,295	\$0	\$0 \$250	so	\$0	\$0	\$0	\$3,395	\$0	\$0 \$0	\$0 \$0	\$0	\$0 \$0	\$0 \$0	\$0 \$0	\$2,424	Construction Planning Engineering Design Evaulation, Cost Estimates
gineer, Civil gineer, Civil	Les Shaw	\$931	\$0	\$1,250	\$0	\$0	\$654 .\$0	\$345 \$0	\$0 \$0	\$327 \$0	\$4,400 \$1,826	\$750 \$0	\$0 \$0	02	\$0 \$0	\$327 \$0	\$0 \$0	\$864 \$0	\$23,839	Civil and Dredging Engineering, Surveys
gineer, Construction	Charles Peng Ellis Heath	\$755 \$2,256	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	02 02	\$0 \$0	\$0	\$0 \$0	\$1,665 \$2,084	\$0 \$0	\$0 \$0	\$0	\$0	\$0	\$0	\$0	\$2,420	Engineering Design Evaulation, Cost Estimates Engineering Design Evaulation, Cost Estimates
erations Field Supervisor rironmental Dredging Tech	Allen West James Travy	\$1,822 \$2,171	\$0 \$0	\$0	\$0 \$0	\$0 \$0	\$0	\$0	\$0	\$0	\$0	\$146	\$0	\$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$4,340	Construction Engineering Field Operations Planning
D Technician D Technician	Chris Norris	\$1,175	\$417	\$0	\$0	\$0	\$108 \$0	\$0 \$0	\$0 \$0	\$0 \$167	\$108 \$1,623	\$123 \$0	\$0 \$0	\$0 \$667	\$0 \$0	\$0 \$334	\$0 \$417	\$616	\$3,125	Environmental Inspection Planning
rine Operations Specialist	Mark Cohoon Jeffrey Pitts	\$1,062 \$1,828	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	02 898 2	\$0	\$0 \$0	\$0	SO	\$291	\$291	\$0	\$1,644	CAD Drawings, Document Preparation CAD Drawings, Document Preparation
-op at/Equipment Operator	Brian Wolff various	\$253 \$960	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0 \$0	\$0 \$0	\$0 \$0	\$2,725 \$253	Marine Operations, Construction Inspection Engineering Technical Support
bor Sub-Total		\$153,116	\$15,726	\$9,836	\$349	\$1,239	\$6,292	\$1,865	\$192	\$10,348	\$26,466	\$0 \$3,833	\$0 \$4,781	\$0 \$6,286	\$0 \$5,517	\$0 \$12,489	\$180 \$25,194	\$79,200 \$89,820	\$80,340 \$373,350	Boat/Equipment Operation (Contingent Item)
ge @ 44.2% of labor rhead @ 45% of labor		\$67,560 \$68,902	\$6,941 \$7,077	\$4,341 \$4,426	\$154	\$547	\$2,777	\$823	\$85	\$4,569	\$11,698	\$1,691	\$2,111	\$2,775	\$2,435	\$5,512	\$11,123	\$39,649	\$164,790	
Total Loaded Labor		\$289,579	\$29,743	\$18,604	\$157 \$660	\$558 \$2,344	\$2,832 \$11,901	\$839 \$3,527	\$87 \$364	\$4,657 \$19,573	\$11,910 \$50,074	\$1,725 \$7,249	\$2,151 \$9,042	\$2,829 \$11,890	\$2,483 \$10,435	\$5,620 \$23,621	\$11,337 \$47,654	\$40,419 \$169,887	\$168,008 \$706,148	
ECT COST	T			···											0.01.001	V20,0211	\$47,004	\$109,007	3706,148	
eage vel, Lodging, Per Diem		\$2,313 \$3,000	\$419 \$0	\$256 \$0	\$23	\$47	\$0.	\$47	\$23	\$256	\$721	\$116	\$767	\$93	\$93	\$372	\$328	so	\$5.870	
oplies and Materials		\$7,125	\$330	\$20	\$0 \$10	\$0 \$20	\$0 \$20	\$0 \$10	\$0 \$10	\$0 \$60	\$0 \$425	\$0 \$15	\$0 \$535	\$93 \$0 \$70	\$0 \$50	\$0 \$300	\$0	\$36,000	\$39,000	
nting & Reproduction		\$1,250 \$1,360	\$0 \$115	\$0 \$20	\$0 \$10	\$0 \$20	\$0 \$20	\$0 \$10	\$0 \$10	\$0 \$50	\$70	\$25 \$20	\$0	\$200	\$200	\$600	\$150 \$250	\$0 \$0	\$9,150 \$2,595	
ephone, Communications		\$190	\$60	\$20	\$10	\$20	\$20	\$10	\$10	\$50 \$50	\$100 \$100	\$20 \$15	\$10 \$85	\$70 \$40	\$70 \$40	\$50 \$20	\$70 \$70	\$0 \$0	\$2,005 \$760	
S CAD Burden Rate iide Service/Rental		\$1,008 \$0	\$360 \$0	\$0 \$0	\$0 \$0	\$0	\$0	\$0	\$0	\$180	\$1,422	\$0	\$0	\$576	\$0	\$ 576	\$ 612	so	\$4,734 d	CAD Service Center charges which are not a component of I
t Service/Rental cial Equipment		\$0	\$0	\$300	\$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$1,200	\$0 \$0	\$0 \$3,600	\$0 \$0	\$0 \$0	\$0 \$5,000	\$0 \$3,000	\$99,000 \$187,500	\$99,000	On-site vehicle support
er		\$0 \$0	\$0 \$70	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0	\$0	\$0	\$0	\$60,000	\$60,000 1	ncludes combination of small crewboat and chartered service ask 17 Contingent item - specialized equipment
tracted Services (GBA) tracted Services (Dolinar)		\$230,541 \$7,000	\$0 \$0	\$194,761 \$0	\$83,016	\$69,263	\$23,449	\$41,261	\$10,147	\$10,135	\$0	\$0	\$0 \$0	\$0 \$70,776	\$0 \$85,003	\$0 \$0	• \$0 02	\$226,200 \$0	\$226,270 1	ask 17: Other logistics support. Includes fuel and barge ser predging Engineering Planning and Technical Services
racted Services (Moffat & Nichol)		\$10,000	\$0	\$0	\$0 \$0	\$0 \$0	20	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$32,500	\$2,000 \$0	02 02	\$0 \$0	0 2 0 2	\$0 \$0	\$0	\$0	\$9,000 8	ingineering/Dredged Matt. Mgt. Planning, Cost Estimates
tracted Services (consultant) tracted Services	ĺ	\$0 \$0	\$0 \$0	\$0 \$0	02 02	02	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$18,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0 \$0	\$18,000 E	Coastal and Civil Engineering Support Electrical Layout Planning and Design
tracted Services		\$0 \$0	\$0. \$0.	\$0 \$0	\$0	\$0	\$0	\$0	\$0	\$0	\$7,500 \$0	\$0 \$0	\$7,500 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$15,000 \$0	erial Spraying and Burning Services
Total Direct Costs		\$263,787	\$1,354	\$195,377	\$83,069	\$69,370	\$23,509	\$0 \$41,338	\$0 \$10,200	\$0 \$10,731	\$0 \$62,038	\$0 \$2,191	\$0 \$12,497	\$0 \$71,825	\$0 \$85,456	\$6,918	\$0 \$4,478	\$0 \$608,700	\$0 \$1,552,836	
TOTAL (Labor and Direct Cos														7	J,	90,0,01	44,410	3000,700]	31,332,636	

MES Subsidiary	
0301	Task 1: Project Planning, Technical, Environmental and Implementation Services
0302	Task 2: Long-Term Monitoring (CENAB Item 1.4)
0303	Task 3: Dewatering Plan and Underdrain and Pumping System (CENAB item 2.1.2)
0304	Task 4: Wetland Field Data (CENAB Item 2.1.4)
0305	Task 5: Baseline PSDDF Modeling and Cell Capacities (CENAB Item 2.1.5)
0306	Task 6: Plan and Design Marsh (CENAB Item 2.1.8)
0307	Task 7: Material Management Plan for First Dredging Cycle (CENAB Item 2.1.7)
0308	Task 8: Filling Schedule and Quantitities for First Placement Cycle (CFNAR Item 2.1.8)
0309	Task 9: Technical Assistance for Planning First Placement Cycle (CENAB items 2.1 and 2.3)
0310	Task 10: Site Support and Logistics (CENAB Item 2.2)
0311	Task 11: Design Crust Management Plan (Initial concept plan)
0312	Task 12: Phragmites Control (CENAB Item 3.1)
0313	Task 13: Vegetative Management Technical Analysis (CENAB Item 3.2)
0314	Task 14: Vegetative Planning (CENAB Item 3.3)
0315	Task 15: Public Meetings Technical and Meeting Support (CENAB Item 5.2)
0316	Task 16: Interorganizational Support (CENAB Item 5.4)
0317	Task 17: Planning and Implementation Logistics and General Support (no CENAR from Number, provides field to all the state of the state

																-					
K 1 - PROJECT PLANNING, TECHNI	CAL, ENVIRONMEN	TAL AND	IMPLEME	NTATION SEI	RVICES					1				i	T .			<u> </u>	1.		Attachm
DGET REVISION REQUEST FO	R TASK 1 THRO	DUGH DE	CEMBE	R 31, 2001	 		-		+		-	Ţ		-		1					MES Proposal ED-03-01(10/2
MESL		Γ									 		 		 	+		 	₩		Р
		Τ		-	T	Subtask	1.1		┼	T	Subtas	k 1.2 Task			Task	Subta	sk 1.3	<u> </u>	<u> </u>	ASK TOTALS	Work Performed
		FY00 Hourty	FY01 Hourty	FY00 Est.	Task	1 EV00 E+	Task . Amend #1		D/00 5-4	Task		Amend	1	FY00	Amend.	.	Task		li ·		
Category	Employee	Rate		Hours	Est. Hours		Est. Cost		Hours	Amend. # Est. Hour	1 FY00 Es Cost	t. #1 Est. Cost	Cost	Est. Hours	#1 Est. Hours		t. Amend #1	!	1		
ect Director/Senior Planner	Wayne Young	\$35.61	\$37.04	200	288	\$7,122	\$10,668	\$17,790									Est. Cost		Hour	s Cost	
ct Manager	see note at right	\$24.31	\$27.71							80	\$2,84	9 \$2,96	3 \$5,812	16	28	\$57	0 \$10,668	\$11,23	7 95	2 \$34,83	9 Project/Operations Planning, Contract Oversight, Tech. Review
or Environmental Scientist	Cecelia Donovan	\$28.12	\$29.24		576	\$3,890		\$19,851							570				1.56		Project Management, Ops Planning, Note: K. Wikar thru 10/20/00 7 from 10/20
onmental Scientist	Tammy Banta	\$25.06	\$26.07			\$0										Si Si	0 \$0 0 \$0			\$4,58	9 Environmental Science/Monitoring
minet Manageral Face Calabata	<u> </u>	İ			ĺ	1		ĺ	1					1	_	1		<u> </u>	' - "	\$1,22	7 Environmental Science/Monitoring
roject Manager/ Env. Scientist	Steve Storms	\$23.09	\$24.86	24	288	\$554	\$7,160	\$7,714	80	80	\$1,84	7 \$1,989	\$3,836	24	24	4 · \$554	4 \$597	\$1,15	520	\$12.70	Alternate Project Manager, Environmental Science. Position will by
ct Management Specialist	see note at right	\$0.00	\$23.00		144	\$0	\$3,312	\$3,312		40		0 \$920								l .	or hours reprogrammed to others upon assignment as project ma Contracting Planning and Documentation and Mgt. Support, Note
onmental Specialist onmental Specialist	Melissa Slatnik Sue Kelly		\$15.38 \$16.27			\$0	\$0	\$0		40	\$59	\$615	\$1,210		432 144	2 \$0 4 \$1,428	0 \$ 9,936 8 \$ 2,215				sipeing filled
onmental Specialist	Tom Humbles	\$16.23	\$16.72		 	\$0 \$0		\$0	24							\$0	\$0	\$(48	\$/32	Contract Mgt.Support/Env. Science/Geology/Monthly Reports Environmental Science/Biology
onmental Specialist onmental Specialist	Erika Kehne Doug Taylor		\$12.40			\$0	\$0	\$0	24	24						\$0				\$1,318	Environmental Technical/Inspection, Phragmites Control
onmental Specialist	Gwen Neate		\$13.62 \$13.83			\$0 \$0	\$0	\$0			\$160	\$327	\$487			\$0			36	\$576	Environmetal Technical Environmental Technical/Inspection
r Engineer eer, Civil	William Chicca	\$36.48	\$38.04		80	\$0	\$3,043	\$3,043		24 24						\$0			24	\$332	Environmental Technical
eer, Civil	Larry Walsh David Foster	\$28.53 \$28.29	\$29.68 \$29.42			\$0 \$0		\$0		24	\$685	\$712	\$1,397			\$0				\$4,832	Engineering Planning and Review Construction Planning
eer, Civil									16	16	\$453	\$471	\$923			\$0			32	\$923	Engineering Design Evaulation, Cost Estimates
eer, Civil	Les Shaw	\$19.30 \$28.53		0	576		\$12,436	\$12,436		80	\$463		\$2,190			so	\$0	\$0	680		Civil and Dredging Engineering, Surveys. Note: S. Moore until 11/ being filled
eer, Civil	Charles Peng	\$23.13	\$24.06			\$0 \$0	\$0 \$0	\$0 \$0								\$0 \$0	\$0	\$0	32	\$931	Engineering Design Evaulation, Cost Estimates
eer, Construction ations Field Supervisor	Ellis Heath Allen West	\$18.61	\$19.17 \$18.21			\$0	\$0	\$0	80	40						\$0	\$0 \$0			 \$75 5	Engineering Design Evaulation, Cost Estimates
	Pulcit West	317.00	310.21	24	0	\$410	\$0	\$410	40	40	\$683	\$728				\$0					Construction Engineering Field Operations Planning
onmental Dredging Tech Technician	James Tracy	\$13.44	\$15.40			\$0	\$0	\$0		120	\$ 323	\$1,848	\$2,171	ļ		\$0		••		i	Environmental Operations/Inspection Planning Services may be
Technician	Chris Norris Mark Cohoon	16.46	\$21.15 19.96			\$0 \$0	\$0	\$0	16	40	\$329	\$846	\$1,175			\$0		\$0 \$0		\$2,171 \$1,175	James Tracy or other qualified field personnel in equivalent servic CAD Drawings, Document Preparation
ne Operations Specialist	Jeffrey Pitts	\$22.44	\$23.25			\$0	\$0 \$0	\$0 \$0		40						\$0	\$0	\$0	56	§ 31,062	ICAD Drawings, Document Preparation
D Equipment Operator	Bnan Wolff vanous	10.54 \$15.00	10.54 \$15.00			\$0 \$0	\$0	\$0	24	0	\$253	\$0				\$0 \$0				 \$1,828	Marine Operations, Construction Inspection Engineering Technical Support
r Sub-Total		310.00	313.00	408	1,952	\$11,976	\$0 \$52,579	\$64,555				\$600 \$24,885	\$960	222		\$0	\$0	\$0	64	<u> </u>	Boat/Equipment Operation (Contingent Item)
						ļ	64,555		- 500	1,090	315,413	324,000	\$44,300	232	1,464	\$4,885	\$39,376	\$44,261	6,020	\$153,116	3
e @ 44.2% for FY00 & 44.1% for FY01 lead @ 45% of labor	 					\$5,293	\$23,187	\$28,481			\$8,581	\$10,974	\$19,556			\$2,159	\$17,365	\$19,524	<u> </u>	567.500	
Total Loaded Labo						\$5,389 \$22,658	\$23,661 \$99,427	\$29,050 \$122,085				\$11,198	\$19,935			\$2,198	\$17,719	\$19.917		\$67,560 \$68,902	
				<u> </u>	i		500,427	#122,00J			\$36,733	\$47,058	\$83,791			\$9,243	\$74,460	\$83,70 3		\$289,579	
CT COST																<u> </u>			<u> </u>		
ge I, Lodging, Per Diem	 	0.31	0.31	500	1980	\$155	\$614	\$769	500	2000				500	1980	\$155	\$614	\$769		\$2,313	
es and Materials						\$75	\$1,350	\$0 \$1,425			\$1,000 \$200		\$3,000 \$3,800					\$0		\$3,000	
g & Reproduction ge	 							\$0			\$200	\$1,250	\$1,250			\$100	\$1,800	\$1,900 \$0		\$7,125	
one, Communications						\$25	\$450	\$475 \$0			\$25	\$450	\$475			\$50		\$410		\$1,250 \$1,360	
AD Burden Rate Service/Rental		\$18.00	\$18.00			\$0	\$0	\$0	24	32	\$432	\$576	\$0 \$1,008			\$10 \$0		\$190		\$190	
ervice/Rental	 		 -					\$0			V.122		01,000			30	\$0	\$0		\$1,008 \$0	
l Equipment								\$0 \$0												\$0	
tted Services (GBA)	<u> </u>		$ \bot$					\$0												\$0	
cted Services (Dolinar)			-			\$17,087 \$1,500	\$143,158 \$500	\$160,245 \$2,000	$ \mp$			\$25,008	\$47,621			\$3,964	\$18,711	\$22,675		\$230,541	Dredging Engineering Planning and Technical Services
ted Services (Moffat & Nichol) ted Services						\$0	\$0	\$2,000			\$2,500 \$10,000	\$500 \$0	\$3,000 \$10,000			\$1,000 \$0	\$1,000 \$0	\$2,000		\$7,000	Engineering/Dredged Matt. Mgt. Planning, Cost Estimates
ted Services	<u> </u>						— —						2.5,000			30	30	\$0	 	\$10,000 \$0	Coastal Engineering Services
cted Services														 [\$0 \$0	
Total Direct Costs						\$18,842	\$146.072	\$404.044			***	-		二上						\$0 \$0	
						J10,042	3140,072	\$164,914			\$36,925	\$34,004	\$70,929	—— <u>—</u>		\$5,279	\$22,665	\$27,944		\$263,787	
SUBTOTAL (Labor and Direct Cost	5)	<u>_</u>				\$41,500	\$245,499	\$286,999		- 	\$73.658	\$81,062	\$154,720			614 500	607.400				
k 1.1: Joint Planning Team Support				F					<u>_</u>				\$107,120			314,5ZZ	\$97,125	\$111,646		\$553,365	
k 1.2: Supplemental Planning, Environr k 1.3: Planning and Task Management	nental, Engineering,	Technical	and Implen	nentation Serv	vices		- 						——T	$-\Box$							
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BUDGET REVISION REQUEST FOR TASK 2 THROUGH DECEMBER 31, 2001

MES LABO	OR .					Subtask	2.1				Subtas	(2.2				Subtasi	23		7.5	OV. TOTAL O
		FY00	FY01	Est.	Amend.		Amend		FY00	Amend.		Task			Task	Subtasi	Z.3		TAS	K TOTALS Work Performed
Category		Hourty	Hourty	FY00		FY00 Est.	#1 Est.		Est.	#1 Est.	FY00 Est.	Amend #1	Ì	FY00 Est.	Amend. #1	FY00 Est		1		
Category	Employee	Rate	Rate	Hours	Hours	Cost	Cost	Cost	Hours	Hours	Cost	Est. Cost	Cost		Est. Hours		Est. Cost	Cost	Hours	Cost
Project Director/Senior Planner	Wayne Young	\$35.61	\$37.04		ا											3,55.	1 3031	- 0031	110013	COSI
	Traying roung	\$55.01	\$57.04	4	2	71	74	\$145	4	2	142	74	\$217	1	3	30	3 111	\$147	14	\$509 Project/Operations Planning, Contract Oversight, Tech. Review
Project Manager	see note at right	\$24.31	\$27.71	l 8	B	194	222	\$416				[_	ا. ـ . ا			ļ	1]		Note: K. Wikar until 10/20; S. Storms from 10/20. Project Management,
Senior Environmental Scientist	Cecelia Donovan	\$28.12		40	50	1125	1462	\$2,587	12	60	194	0	\$194	2	10	49	_,,,	\$326	36	\$936[Planning
Environmental Scientist	Tammy Banta	\$25.06				0	1	\$0	'4	80	337	1754	\$2,092 \$0	2	10	54	292	\$349	174	\$5,027 Environmental Science/Monitoring
						-]	7				J	[20			'	기 이	\$0	이	\$0 Environmental Science/Monitoring
All Decision II	<u> </u>	1				ł			1								1 1	ļ	- 1	Alternate Project Manager, Environmental Science. Position will be
Alt. Project Manager/ Env. Scientist	Steve Storms	\$23.09	\$24.86	40	40	924	994	\$1,918	24	40	554	994	\$1,549	2	0	46		•40	440	backfilled or hours reprogrammed to others upon assignment as project
Project Management Specialist						ł			- 1				\$1,040	-	ĭ		1 9	\$46	146	\$3,513 manager.
Environmental Specialist	see note at right	\$0.00	\$23.00			이	0	\$0			. 0	ol	so			,	ا ا	\$0	ام	Contracting Planning and Documentation and Mgt. Support, Note: Posit
Environmental Specialist	Melissa Slatnik	\$14.87 \$14.22	\$15.38	60	60	892	923	\$1,815	40	60	595	923	\$1,518	4	40	59	615	\$675	264	\$0 being filled \$4,007 Task Mgt.Support/Env. Science/Geology
Environmental Specialist	Sue Kelly Tom Humbles	\$14.22 \$16.23	\$16.27		ا	이	0	\$0			0	o	\$0	1	- [\$0	204	\$0 Environmental Science/Biology
Environmental Specialist	Erika Kehne	\$11.58	\$16.72 \$12.40	24	81	070	134	\$134	ĺ	8	0	134	\$134				اه ار	\$0	16	\$268 Environmental Technical/Inspection, Phragmites Control
Environmental Specialist	Doug Taylor	\$13.35	\$12.40	24	اء	278	100	\$278	اء		0	0	\$0				أه ار	\$0	24	\$278 Environmetal Technical
Environmental Specialist	Gwen Neate	\$0.00	\$13.83	, i	20	U	109 277	\$109	이	8	0	109	\$109	ļ		C		\$0	16	\$218 Environmental Technical/Inspection
Senior Engineer	William Chicca	\$36.48	\$38.04	។	20	, l	2//	\$277 \$0	익	20	0	277	\$277	ŀ]	C		\$0	40	\$553
Engineer, Civil	Larry Walsh	\$28.53	\$29.68	- 1	1	ő	n	\$0		i	U	9	\$0		Ī	C		\$0]	0	\$0 Engineering Planning and Review
Engineer, Civil	David Foster	\$28.29	\$29.42			ől	ő	\$0	- 1	ļ	U	U)	\$0 \$0			0	비	\$0	이	\$0 Construction Planning
Engineer, Civil	see note at right	\$19.30	\$21.59	Į	1	ol	ō	\$0	- 1	· 1	ŏ	, i	20			0	0	\$0	0	\$0 Engineering Design Evaulation, Cost Estimates
Engineer, Civil	Les Shaw	\$28.53	\$29.68	ĺ		ol	o	\$0		ļ	0	ől	\$0	ĺ	ļ	U		\$0	이	\$0 Civil and Dredging Engineering, Surveys
Engineer, Civil	Charles Peng	\$23.13	\$24.06	ļ	1	. 0	0	\$0			ő	ŏl	\$0	1	i	U	기	\$0	oj	\$0 Engineering Design Evaulation, Cost Estimates
Engineer, Construction	Ellis Heath	\$18.61	\$19.17	Ì		0	o	\$0			ō	ŏl	\$0	İ	Į	0		\$0 \$0	9	\$0 Engineering Design Evaulation, Cost Estimates
Operations Field Supervisor Environmental Dredging Tech	Allen West	\$17.08	\$18.21		-	0	0	\$0		İ	ō	ol	\$0	ļ	ĺ	0		\$0	0	\$0 Construction Engineering
CAD Technician	James Tracy	\$13.44	\$15.40		1	이	0	\$0		- 1	o	ō	so	ľ	ļ	0		\$0		\$0 Field Operations Planning
CAD Technician	Chris Noms Mark Cohoon	\$20.54 16.46	\$21.15	6	4	123	85	\$208	4	6	82	127	\$209	.	i i	ō	ا ا	so	20	\$417 CAD Drawings, Document Preparation
Manne Operations Specialist	Jeffrey Pitts	\$22.44	19.96 \$23.25	1	Ì	이	0	\$0	1	1	0	ol	\$0	İ		ō	ا ا	sol	20	\$0 CAD Drawings, Document Preparation
Со-ор	Brian Wolff	10.54	10.54	i	ļ	0	0	\$0	1		0	o	\$0	-	1	0	ا	sol	اه	\$0 Marine Operations, Construction Inspection
Boat/Equipment Operator	various	\$15.00	\$15.00	- 1		씱	의	\$0 \$0	- 1	}	0	0	\$0	ľ	ļ	0	l ol	sol	ol	\$0 Engineering Technical Support
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Fringe (44.2% in FY00; 44.1% in FY01)	T			— т		£4.504	64 007	20 10 1												
Overhead @ 45% of labor	1	1			ŀ	\$1,594	\$1,887	\$3,481 \$3,549	-	i	\$842	\$1,937	\$2,779			\$109	\$571	\$680		\$6,941
Total Loaded Labor								\$14,917					\$2,834					\$694		\$7,077
							<u>-</u>	414,317					\$11,910	L			<u>_</u> _	\$2,916		\$29,743
DIRECT COST									· · · · · ·											
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Fravel, Lodging, Per Diem			****		333	400	*35	\$180	300	300	\$93	\$93	\$186	75	75	\$23	\$23	\$47	-	\$419
Supplies and Materials					1	150	50	\$200	- 1	1	\$50	\$50	\$0 \$100	ŀ				\$0	l	\$0
Printing & Reproduction				- 1				\$0		i	****	200	\$100		Ì	10	20	\$30		\$330
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/ehicle Service/Rental		\$18.00	\$18.00	6	4	\$108	\$72	\$180	4	6	\$72	\$108	\$180	اه	ام	10 \$0	10 \$0	\$20 \$0		\$60
Poat Service/Rental		- 1	-	1	- 1	1		\$0			- 1]	\$0	· 1	٦	•0	30	\$0 \$0	-	\$360
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Other (e.g., film processing)]	j	1		1	l		\$0			-	ļ	\$0	.				\$0	- 1	20
Contracted Services (GBA)			- 1	1		ļ	35	\$35	ĺ		1	\$35	\$35	- 1		Į	j	soll	ŀ	\$70 \$70
Contracted Services (Dolinar)		- 1				1		\$0				1	\$0	ĺ				\$0	- 1	\$0 Dredging Engineering Planning and Technical Services
Contracted Services (Moffat & Nichol)				ł	ſ	-		\$0			j		\$0	- 1				\$0	İ	\$0
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T								\$0	İ	İ			\$0 \$0	- 1				\$0	[\$0
Total Direct Costs						\$386	\$285	\$671			\$235	\$321	\$556			\$63	\$63	\$0 \$127		\$0 \$1,354
ASK 2 SUBTOTAL (Labor and Direct Costs)																		7 1211		المحاورا ا
on 4 outs (UTAL (Lange and Direct Coets)						\$386	\$285	\$15,588			\$235	\$321								

Subtask 2.1: CENAB Item 1.4.1 - Long-Term Monitoring Framework Subtask 2.2: CENAB Item 1.4.2 - Water Quality Subtask 2.3: Planning and Task management for MES Task 2

TASK 3 - DEWATERING PLAN AND UNDERDRAIN AND PUMPING SYSTEM (CENAB Rem 2.1.2)

Catagory Em	1	FY00	FY01 F	700 A.	m*	- 1 '	resk			lesk		Tesk		T Te	ent I	Tesk																			Subtask 2				3.8 (GBA							teek 2.1.2			ASK TOTA			Performed
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Subtains 3.1: GBA Subtains 2.1.29 - Data Review
Subtains 3.2: GBA Subtains 2.1.29 - Perminero Studies
Subtains 3.3: GBA Subtains 2.1.20 - Perminero Studies
Subtains 3.4: GBA Subtains 2.1.20 - Subtains
Subtains 3.4: GBA Subtains 2.1.20 - Subtains
Subtains 3.4: GBA Subtains 2.1.20 - Design for Understrain. Pursonno Svettern and Desa Rassing
Subtains 3.5: GBA Subtains 2.1.20 - Design for Understrain. Pursonno Svettern and Desa Rassing
Subtains 3.7: GBA Subtains 2.1.20 - Permineration State Commission Understrain Svettern. and Desa Rassing
Subtains 3.5: GBA Subtains 2.1.20 - Permineration State Conference and Desa Rassing and Understrain Svettern
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TASK 4 - WETLAND FIELD DATA (CENAB Item 2.1.4)

BUDGET REVISION REQUEST FOR TASK 4 THROUGH DECEMBER 31, 2001

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Subtask 4.1: GBA Subtask 2.1.4.a - Geotechnical Sampling Pt

Subtask 4.2: GBA Subtask 2.1.4.b - Sediment Con Subtask 4.3: GBA Subtask 2.1.4.c - Index Propertie

Subtask 4.4; GBA Subtask 2.1.4.4 - Foundation Consolidation Documentation

Subtest 4.5: GBA Subtest 2.1.4.e - Cell Beseine Surveys
Subtest 4.6: GBA Subtest 2.1.4.f - Semene Indused Connectation Texts

Subtask 4.6; GBA Subtask 2.1.4.7 - Seepage Induced Consolidation Testi Subtask 4.7; GBA Subtask 2.1.4.0 - Planning and Task Management

TASK 5 - BASELINE PSDDF AND CELL CAPACITIES (CENAB Item 2.1.5)

BUDGET REVISION REQUEST FOR TASK 5 THROUGH DECEMBER 31, 2001

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Subtask 5.1: GBA Subtask 2.1.5.e - PSDDF Modeling Plan
Subtask 5.2: GBA Subtask 2.1.5.b - PSDDF Modeling
Subtask 5.3: GBA Subtask 2.1.5.c - Assessment of Dredged Material Elevations
Subtask 5.4: GBA Subtask 2.1.5.c - Pten

TASK 6 - PLAN AND DESIGN (CENAB Item 2.1.6)

BUDGET REVISION REQUEST FOR TASK 6 THROUGH DECEMBER 31, 2001

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Subtask 6.1: GBA Subtask 2.1.8.a - Marsh Construction Technical Analysis Subtask 6.2: GBA Subtask 2.1.6.b - Water Level Control and Effluent Quality Techniques Subtask 6.3: GBA Subtask 2.1.6.c - Concept Plan for Marsh Construction Subtask 6.4: GBA Subtask 6.1.5.d - Task 2.1.6 Planning and Task Management

TASK 7 - MATERIAL MANAGEMENT PLAN FOR FIRST DREDGING CYCLE (CENAB Item 2.1.7)

BUDGET REVISION REQUEST FOR TASK 7 THROUGH DECEMBER 31, 2001

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Subtest 7.1: GBA Subtest 2.1.7.a - Placement Methods
Subtest 7.2: GBA Subtest 2.1.7.b - Phase I Cell Volume and Potential Capacity
Subtest 7.3: GBA Subtest 2.1.7.c - W stand Cell Filming Procedures
Subtest 7.4: GBA Subtest 2.1.7.d - Upland Cell Filming Procedures
Subtest 7.5: GBA Subtest 2.1.7.d - Upland Cell Filming Procedures
Subtest 7.5: GBA Subtest 2.1.7.d - Planemial Placement Plan for First Dredged Material Placement Cycle
Subtest 7.6: GBA Subtest 2.1.7.1 - Plan and Design Dredged Material Fill Area for Future Use as a Test Plot
Subtest 7.7: GBA Subtest 2.1.7.0 - Planeming and Task Management

TASK 8 - FILLING SCHEDULE AND QUANTITIES FOR FIRST PLACEMENT CYCLE (CENAB Item 2.1.8)

BUDGET REVISION REQUEST FOR TASK 8 THROUGH DECEMBER 31, 2001

ME:	LABOR				Subtask 8.1	(GBA St	ubtask 2.1.	3.a)		Subtask 8.	2 (GBA S	ıbtask 2.1.	B.b)		Subtask 8	.3 (GBA Sub	task 2.1.8.	c)	TASK	TOTALS	Work Performed
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Subtask 8.1: GBA Subtask 2.1.8.a - Placement Quantity Estimates Subtask 8.2: GBA Subtask 2.1.8.b - Filling Schedule and Quantities Subtask 8.3: GBA Subtask 2.1.8.c - Task 2.1.8 Planning and Task Management

TASK 9 - TECHNICAL ASSISTANCE FOR PLANNING FIRST PLACEMENT CYCLE (CENAB Nams 2.1 and 2.1)

BUDGET REVISION REQUEST FOR TASK 9 THROUGH DECEMBER 31, 2001

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Subtask 9.1: GBA Subtask 2.1.9.e - Dredging Contract Plans and Specification

blask 9.3: CENAS term 2.3.15 - Rules and Regulations for On

Attack 9.4: CENAB Item 2.3.16 - Unexploded Ordnence Polices and Procedu

Subtask 9.5: CENAB Item 2.3.17 - Reports and Documentation Agasessmen

Subtest 9.5; Water Appropriation Permit (no CENAB number)
Subtest 9.7; MFS Test 9.7/GRA Subtest 2.1.9b - Planning and Test Manage

O. SITE SUPPORT AND LOGIST

1 ---

BUDGET REVISION RE	QUEST FOR TAS	K 10 THROUG	н оесемві	ER 31, 2001																,																													
	NES LABOR	<u> </u>		Subtent	10.1 /cone	40m 2.2.1)		Subte	10.2 (CE	NA8 2.2	27	s	ebteek 10.3	CENAB	22.30		Subtant 1	4 (CENAS	22.0		Subtest	OS ICENA	2 2 6		Subtr	10.8 /CE	NAB 2 :	1.77	, ,	Lebranic 10.7	ICENAS =	22.E	₁	Subtrek 1	O.B (CENAB	April 2 2.91		Subtes	10.8 (CE)	AB 2.2.1	on	940	teek 10.10 //s	CENAB ma	moert	TASK	TOTALS	Work Perform	ed
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TASK 11 - DESIGN CRUST MANAGEMENT PLAN

BUDGET REVISION REQUEST FOR TASK 11 THROUGH DECEMBER 31, 2001

MES L	ABOR					Subtask 11.1					Subtask 11	1.2		<u> </u>		Vacant			TAS	K TOTALS	Work Performed
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		Hourty			Task Amend.		Amend #1	. .	FY00 Est.	Amend. #1		Amend #1		FY00 Est.	#1 Est.	FY00 Est.			l i		
Category	Employee	Rate	Rate	Hours	#1 Est. Hours	Cost	Est. Cost	Cost	Hours	Est. Hours	Cost	Est. Cost	Cost	Hours	Hours	Cost	Est. Cost	Cost	Hours	Cost	
piect Director/Senior Planner	Wayne Young	\$35.61	\$37.04	8		285	ام	\$285	ا ا	40	۱ ،	1482	\$1,482	١ ,		١,	ا ا	\$0	48		-
OCCUPACION OCUPACION I INCIDENTIAL	viayiic roung	400.01	407.04	J		1	. "			1	l "	1402	31,402	ľ	ı	١ '	1 4	\$ U	48	\$1,766	Project/Operations Planning, Contract Oversight, Tech. Review/Sur
roject Manager	see note at right	\$24.31	\$27.71	8	0	194	o	\$194		8	l	222	\$222	İ	l		اه اد	\$0	16	\$416	Project Management, Ops Planning, Tech Review/Support; progress mtgs. Note: K. Wikar until 10/20; S. Storms after 10/20
enior Environmental Scientist	Cecelia Donovan	\$28.12	\$29.24			0	0	\$0	7	8	i o	234	\$234	ļ]	ا	ol ol	\$0		\$234	Environmental Science/Monitoring
nvironmental Scientist	Tammy Banta	\$25.06	\$26.07] 0	0	\$0	{		o	ol d	\$0			ا م	أه أم	\$0			Environmental Science/Monitoring
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ult. Project Manager/ Env. Scientist	Steve Storms	\$23.09	\$24.86			0	0	\$0		16	0	398	\$398			0	ol ol	\$0	16	\$398	manager.
											_				ĺ	j	1		1 1	i la	Contracting Planning and Documentation and Mgt. Support; Note: F
	see note at right	\$0.00	\$23.00			0	0	\$0		1	0	이	\$0			0	이	\$0		\$0 b	being filled
	Melissa Slatnik	\$14.87	\$15.38			0	o	\$0		1	0	이	\$0		ł	0	이 이	\$0		\$0 7	Task Mgt.Support/Env. Science/Geology
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	Tom Humbles	\$16.23	\$16.72 \$12.40			١	្ត	\$0 \$0			0		\$0			0	이	\$0		\$0 E	Environmental Technical/Inspection, Phragmites Control
	Erika Kehne	\$13.35	\$13.62	-		"	្ត	\$0 \$0			Ü		\$0			0	이	\$0	이	\$0 E	Environmental Technical
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	David Foster	\$28.29	\$29.42					\$0 \$0			0		20			0	이 이	\$0	이		Construction Planning
ingineer, Civil	David Foster	\$20.29	329.42			ا ا		30			U	1 4	\$0			0	이	\$0	이	\$0 E	Engineering Design Evaulation, Cost Estimates
ngineer, Civil	see note at right	\$19.30	\$21.59	12		232	ام	\$232		24		518	\$518			_ ا	ا ا			ا ا	Civil and Dredging Engineering, Surveys, progress/team mtgs, field
	Les Shaw	\$28.53	\$29.68	12		232	ň	\$232 \$0		~4	0	310	\$5181	i		0	<u></u>	\$0		\$750 to	echnical support. Note: S. Moore until 11/16; position being filled
	Charles Peng	\$23.13	\$24.06			ا م	ŏ	\$0		1	0		\$0 \$0			0		\$0		\$0 E	ngineering Design Evaulation, Cost Estimates
	Ellis Heath	\$18.61	\$19.17			ا م	ŏ	\$0		1	ŏ	l ä	\$0 \$0			0		\$0 \$0	의	\$0 E	ngineering Design Evaulation, Cost Estimates
	Allen West	\$17.08	\$18.21			ا ا	o	\$0		اء ا	ŏ	146	\$146	İ		0		\$0 \$0			Construction Engineering
	James Tracy	\$13.44	\$15.40			l o	ō	\$0		l ši	ŏ	123	\$123			ŏ		\$0			Field Operations Planning
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	Mark Cohoon	16.46	19.96			l o	o	\$0		l	ō	ا آه	so			ŏ	ا م	\$0		\$010	CAD Drawings, Document Preparation CAD Drawings, Document Preparation
	Jeffrey Pitts	\$22.44	\$23.25			0	0	\$0			0	o	so			o	ا م	so	ام	\$0 0	Aarine Operations, Construction Inspection
	Brian Wolff	10.54	10.54			0	o	\$0]	o	l o	\$0			ō	ا ا	\$0	ŏ		ingineering Technical Support
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nnge (FY00 @ 44.2%; FY 01 @ 44.1	1%)	0.442	0.441			\$314	\$0 \$0	\$314			\$0	\$1,377	\$1,377			\$0	\$0	sol		\$1,691	
Overhead @ 45% of labor						\$320	\$0	\$320			\$0	41,144	\$1,405			\$0	\$0	\$0 \$0		\$1,725	
Total Loaded Labor						\$1,345	\$0	\$1,345		L	\$0	\$5,904	\$5,904			\$0	\$0	, \$0		\$7,249	
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relephone, Communications		\$18.00	\$18.00			\$50	so	\$5 \$0			\$0	\$10 \$0	\$10			j		\$0	- 1	\$15	
MES CAD Burden Rate		310.00	310.00			30	₽U	\$0 \$0		ı İ	20	20	\$0	ļ	Į.	1	ļ .	\$0		\$0	
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Other				- 1		1	į	\$0		1	[[\$0 \$0	- 1	ŀ	ļ	1	\$0 \$0	1	\$ 0	
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Contracted Services (Dolinar) Contracted Services (Moffat & Nichol)				- 1		~~~	l	\$300			\$1,500	1	\$1,500	1	ł	l		\$0 \$0 \$0		\$2,000 C	rust Management Planning Services
Contracted Services (Morrat & Nichol)	'		1	l		1 1		\$0 \$0	J]	ĺ	1	\$0 \$0	İ		ĺ		20	1	\$0	
Contracted Services				- 1			l	\$0	İ	i	l	1	\$0 \$0	l			1	\$0]]		\$0	
Contracted Services			- 1					sol	l	l	l	1	\$0	1	1	- 1		\$0 \$0		\$0	
J., 12 20 00 00 1000			- 1			l		\$0				<u>.</u>	\$0		f	ł	1	\$0	- 1	\$0	
						\$567	\$0	\$567			\$1,500	\$125									

Subtask 11.1: CENAB Item 2.3.5 - Crust Management Plan for Long-Term Site Operations Subtask 11.2: Operations Planning and Documentation Subtask 11.3: Vacant

TASK 12 - PHRAGMITES CONTROL (CENAB Item 3.1)

BUDGET REVISION REQUEST FOR TASK 12 THROUGH DECEMBER 31, 2001

MES	LABOR					12.1 (CEN	AB 3.1.1)				2.2 (CEN	AB Item 3.	1.2)		Subtask 1	2.3 (CENA	B Item 3.1	.3.)	s	ubtask 12	2.4 (CENA	B ITEM 3.1	1.4)	,	Subteek 1	2.5 (no C	NAB Numb	orl	TAC	(TOTALS	
		FY00 Hourty	FY01 Hourty	FY00 Est.	Task Amend. #1 Est.	FY00 Est.	Task Amend #1		FY00 Est.	Task Amend. \$1 Est.	FY00 Est.	Task Amend #1 Est.		FY00 Est.	Task Amend. \$1 Est.	FY00 Est.	Task Amend #1 Est.		FY00 Est.	Task Amend. #1 Est,	FY00 Est.	Task Amend #1 Est.	,	FY00	Task Amend.		Task Amend	61)	IASE	TOTALS	Work Performed
Category	Employee	Rate	Rate	Hours	Hours	Cost	Est. Cost	Cost	Hours	Hours	Cost	Cost	Cost	Hours		Cost	Cost	Cost	Hours	Hours	Cost	Cost	Cost	Est. Hours	#1 Est. Hours	FY00 Est. Cost	#1 Est. Cost	Cost	Hours	Cost	
ect Director/Senior Planner	Wayne Young	\$35.61	\$37.04			o	0	\$0			0	٥	so			0	0	\$0			٥	0	\$0	1		36	o	\$38	1		Project/Operations Planning, Cor Oversight, Tech. Review
act Manager or Environmental Scientist ronmental Scientist	see nota at right Cecelia Donovan Tammy Banta	\$24.31 \$28.12 \$25.06	\$27.71 \$29.24 \$26.07			0	0	\$0 \$0 \$0			0 0 0	0 0 0	\$0 \$0 \$0			0 0 0	0 0 0	\$0 \$0 \$0			0 0 0	0	\$0 \$0 \$0		-	0	0 0 0	\$0 \$0: \$0	0	\$0 \$0	Project Management, Ops Planni Wikar thru 10/20/00; S. Storms fr Environmental Science/Monitorin Environmental Science/Monitorin Alternate Project Manager, Enviro
Project Manager/ Env. Scientist	Steve Storms	\$23.09	\$24.88	8	o	185	0	\$185	-		o	٥	so	18	o	369	٥	\$3 69	24	0	554	0	\$554	12	0	277	o	\$ 277	60		Science. Position will be backfille reprogrammed to others upon as as project manager.
ect Management Specialist ronmental Specialist ronmental Specialist	see nate at right Melissa Statnik Sue Kelly	\$0.00 \$14.87 \$14.22	\$23.00 \$15.36 \$16.27	-		0	0	\$0 \$0 \$0			0	0	\$0 \$0 \$0			0 0 0	0	\$0 \$0 \$0			0	0	\$0 \$0 \$0	12	o	0 176	0	\$0 \$176 \$0	0 12	\$0 \$178	Contracting Planning and Docum and Mgt. Support: Note: Position Task Mgt. Support/Env. Science/t Environmental Science/Biology
ronmental Specialist ronmental Specialist ronmental Specialist ronmental Specialist or Engineer neer, Civit	Tom Humbles Erika Kehne Doug Taylor Gwen Neate William Chicca Larry Walsh	\$18.23 \$11.58 \$13.35 \$0.00 \$36.48 \$26.53	\$16.72 \$12.40 \$13.62 \$13.83 \$38.04 \$29.88	64	o	1039 0 0 0 0	0 0 0 0	\$1.039 \$0 \$0 \$0 \$0 \$0	64		1039 0 0 0 0	0 0 0 0	\$1,039 \$0 \$0 \$0 \$0 \$0 \$0	32	o	519 0 0 0 0	0 0 0	\$519 \$0 \$0 \$0 \$0 \$0 \$0	24	0	390 0 0 0	0 0 0	\$390 \$0 \$0 \$0 \$0 \$0	12	o	195 0 0 0	0 0 0	\$195 \$0 \$0 \$0 \$0 \$0	196 0 0 0	\$3,181 \$0 \$0 \$0 \$0	Environmental Technical/Inspect Environmental Technical/Inspect Phraamites Control Environmental Technical/Inspect Environmental Technical Engineering Planning and Review Construction Planning
ineer, Civil	David Foster	\$28.29	\$29.42			. 0	o	\$0				٥	so			0	0	\$0			. 0	0	\$0			0	0	\$0	0	so	Engineering Design Evaulation, (Estimates Civil and Dredging Engineering,)
neer, Civil	see note at right	\$19.30	\$21.59			0	٥	\$0			٥	0	so					so													progress/team mtgs, field technic Note: S. Moore until 11/18; positi
eer, Civil	Les Shaw	\$28.53	\$29.68	1		0		so	·		0	0	\$n			٥	١	50			۱		so so	}		0	٥	\$0	0	- 1	filled Engineering Design Evaulation,
neer, Civil neer, Construction rations Field Supervisor ronnental Dredging Tech Technician Technician ne Operations Specialist p <u>Foulpment Operator</u> or Sub-Total	Charles Penq Ellis Heath Allen West James Tracy Chris Norris Mark Cohoon Jeffrey Pitts Brian Wolff various	\$23.13 \$18.81 \$17.08 \$13.44 \$20.54 16.48 \$22.44 10.54 \$15.00	\$24.08 \$19.17 \$18.21 \$15.40 \$21.15 19.98 \$23.25 10.54 \$15.00	72	0	0 0 0 0 0 0 0	0 0 0 0 0	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	64	0	0 0 0 0 0 0 0 0	0 0 0 0 0	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0			0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0			000000000000000000000000000000000000000	000000000000000000000000000000000000000	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0			000000000000000000000000000000000000000	0	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	0 0 0 0 0 0 0 0	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	Estimates Engineering Design Evaulation, Estimates Construction Engineering Field Operations Planning Environmental Inspection Planni CAD Drawings, Document Preps Marine Operations, Construction Engineering Technical Support
				/21		1223		31,223	041		1038	<u> </u>	\$1,039	48	0	889	01	\$889	48	0	944	01	\$944	37	0	686	0	\$686	269	\$4,781	<u> </u>
e (FY00 @ 44.2%; FY 01 @ 6) nead @ 45% of labor Total Loaded Labo	п	0.442	0.441			\$541 \$551 \$2,315	\$0 \$0 \$0	\$541 \$551 \$2,315			\$459 \$467 \$1,965	\$0 \$0 • \$0	\$459 \$467 \$1,965			\$393 \$400 \$1,882	\$0 \$0	\$393 \$400 \$1,682			\$417 \$425 \$1,785	\$0 \$0 \$0	\$417 \$425 \$1,785			\$303 \$309 \$1,298	\$0 \$0 \$0	\$303 \$309 \$1,298		\$2,111 \$2,151 \$9,042	
CT COST qe 1. Lodqinq, Per Diem ies and Materials ng & Reproduction qe hone. Communications CAD Burden Rate la Service/Rental		\$16.00	\$18,00	900		279	0	\$279 \$25 \$25 \$25 \$0	900		279	0	\$279 \$250 \$25 . \$0	300		93	0	\$93 \$250 \$25 \$0	300		93	0	\$93 \$10 \$10 \$10 \$0	75		23	0	\$23 \$0		\$767 \$0 \$535 \$0 \$10 \$85 \$0	
Service/Rental tial Equipment		\$300		6		1800	o	\$1,800	6		1800	O	\$1,800			0	o	\$0			0	0	so			0	٥	\$0		\$3,600 a \$3,600 a	Contingent rental if boat service navailable
cted Services (GBA) cted Services (Dolinar) cted Services (Moffat & Nichol) cted Services (consultant) cted Services (aerial spray & cted Services							·	\$0 \$0 \$0			į		\$0 \$0 \$0					\$0 \$0 \$0 \$0					\$0 \$0 \$0					\$0 \$0 \$0		\$0 \$0 \$0 \$0	Predging Engineering Planning a fechnical Services contingent area wide event
Total Direct Costs	·					\$2,079		\$2,129						1_			- 1	- 1	T I	- 1	- 1	- 1	- 1	ſ	1	1	- 1	- 11	1	50	

Subtask 12.1: CENAB Item 3.1.1 - Phragmites Monitoring
Subtask 12.2: CENAB Item 3.1.2 - Spot Spraying Services
Subtask 12.3: CENAB Item 3.1.3 - Area-Wide Eradication Services
Subtask 12.4: CENAB Item 3.1.4 - Poplar Island Invasive Species Control Meetings
Subtask 12.5: Task 12 Planning and Task Management

TASK 13 - VEGETATIVE MANAGEMENT TECHNICAL ANALYSIS (CENAB Item 3.2)

BUDGET REVISION REQUEST FOR TASK 13 THROUGH DECEMBER 31, 2001

Category Category	N	ES LABOR	₁			Subtask	13.1 (GBA	Subtask 3	2.1)		Subtask 1	2.2 (GBA S	ıbtask 3.2.2)	L		13.3 (GBA	Subtask 3	.2.3)		Subtask 13	.4 (CENAE	Item Numbe	er)	TASK	TOTALS	Work Performed
Set Operation Pursue Pu	Category	Employee	Hourty	Hourty	Est.	Amend. #1 Est.	Est.	Amend #1 Est.	Cost		Amend. #1 Est.		Amend #1		Est.	.#1 Est.		Amend #1	Cost		Amend. #1 Est.		Amend #1	Cost	Hours	Cost	
The second of th	roject Director/Senior Planner	Wavne Young	\$35.61	\$37.04			\$0	\$0	\$0		0	0	0	\$0			0	0	so.	2	2	71	74	\$145	4	\$145	Project/Operations Planning, Contract
The control state of the contr	mject Manager	see note at right	\$24.31	\$27.71			\$0	\$0	\$0		0	0	0	\$0	8	8	194	222		8	8	i			32		Project Management, Ops Planning, No.
Proces Manager for Process Annual State St								\$0 \$0			0	0	0				0	0 0.			40	450 0	1170 0		56 0	\$1,620	Environmental Science/Monitoring Environmental Science/Monitoring
The first process of the control of	It. Project Manager/ Env. cientist	Steve Storms	\$23.09	\$24.86			\$0	\$0	\$0		0	0	o	\$0			0	o	\$0	16	16	369	398	\$787	32	\$767	Science. Position will be backfilled or h reprogrammed to others upon assignm project manager.
The former of special property of the fo	nvironmental Specialist	Melissa Slatnik	\$14.87	\$15.38		-	\$0	\$0	\$0		, 0 0	0 0 0	_	\$0		8	0 119 0	· 0 123 0	\$242	40	40	_	0 615 0	\$1,210	0 96 0	\$0 \$1.452 \$0	Task Mot.Support/Env. Science/Geolog Environmental Science/Biology
invent. Cold Control Cold Cold and Chemistry	nvironmental Specialist nvironmental Specialist nvironmental Specialist enior Engineer	Erika Kehne Doug Taylor Gwen Neate William Chicca	\$11.58 \$13.35 \$0.00 \$36.48	\$12.40 \$13.62 \$13.83 \$38.04			\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0		0 0 0 0	0 0 0 0	0 0 0 0	\$0 \$0 \$0 \$0			0 0 0 0	0 0 0 0	\$0 \$0 \$0 \$0	12	48	0 139 0 0 0 0	0 664 0	\$139 \$0 \$664 \$0	o	\$0 \$139 \$0 \$664 \$0 \$0	Phraemites Control Environmetal Technical Environmental Technical/Inspection Environmental Technical/Inspection Environmetal Technical Engineering Planning and Review Construction Planning
Interect. CVM	ingineer. Civil	David Foster	\$28.29	\$29.42			\$0	\$0	\$0		0	0	0	\$0			0	0	\$0			0	0	\$0	0	\$0	Estimates Civil and Dredging Engineering, Survey progress/team mtgs, field technical sup
Intelled Fund											0	0	0				0	0	\$0			0	0	\$0	0	\$0	illed
The communications of the communications of	Indineer, Civil Indineer, Construction Indineer, Construction Indineer, Construction Indineer, Construction Indineer, Construction Indineer, Civil Indiae, Civil I	Charles Penq Ellis Heath Allen West James Tracv Chris Norris Mark Cohoon Jeffrev Pitts Brian Wolff	\$23.13 \$18.61 \$17.08 \$13.44 \$20.54 16.46 \$22.44 10.54	\$24.06 \$19.17 \$18.21 \$15.40 \$21.15 19.96 \$23.25 10.54			\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0: \$0: \$0: \$0: \$0: \$0: \$0: \$0: \$0:	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0		0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	46	45	0	0	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0			0 0 0 0	0 338 0 0 0	\$0 \$0 \$0 \$0 \$667 \$0 \$0 \$0 \$0	32 0 0 0	\$0 \$0 \$0 \$0 \$0 \$667 \$0 \$0 \$0 \$0	Estimates Engineering Design Evaulation, Cost Estimates Construction Engineering Feld Operations Planning Finding Theoretical Inspection Planning AD Drawings. Document Preparation AD Drawings, Document Preparation AD Drawings, Document Preparation AD Drawings, Document Preparation AD Drawings, Document Preparation Engineering Technical Support
### ### ### ### ### ### ### ### ### ##	ringe (FY00 @ 44.2%; FY 01							30,				,		301	101	101	3131	3431	3030[1101	1701	214/1	3481	\$5,628	312	\$6,286	
ease vel. Loddino, Per Diem polies and Materials ritina & Reproduction stance schools and Materials stance continual Materials stance schools and Materials stance schools and Materials stance schools and Materials stance schools and Materials stance schools and Materials stance schools and Materials stance schools and Materials stance schools and Materials stance schools and Materials stance schools and Materials schools school schools and Materials schools school sc	0 44.1%) Overhead @ 45% of labor Total Loaded Labor	· · ·	0.442	0.441			\$0	\$0	\$0			\$0	\$0	\$ 0			\$141	\$155	\$296			\$966	\$1,566	\$2,533		\$2,829	
ephone. Communications S CAD Burden Rate S 18.00 S CAD Burden Rate S CAD	IRECT COST illeage ravel, Lodging, Per Diem upplies and Materials rinting & Reproduction pstage		0.31	0.31			0	0	\$0			o	0	\$0 \$0 \$0	-		10	0 10	\$0 \$20 \$0	150	150	25 100	25 100	\$0 \$50 \$200		\$0 \$70 \$200	
### activated Services (GBA, I. Landin) ### \$18,233 \$5,229 \$23,462 \$23,852 \$18,055 \$41,907 \$3,875 \$1,532 \$5,407 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	elephone, Communications ES CAD Burden Rate ehicle Service/Rental pat Service/Rental pecial Equipment		\$18.00	\$18.00			0		\$0		-	٥	· 0	\$0 \$0 \$0 \$0 \$0				10	\$20 \$0 \$0 \$0 \$0	16	18	10	10	\$20 \$576 \$0 \$0 \$0		\$40 \$576 \$0 \$0	
SO SO SO SO SO SO SO SO	ontracted Services (GBA, Cl. Landin) ontracted Services (Dolinar) ontracted Services (Moffat & chol)						\$18,233	\$5,229	\$0 \$0			\$2 3,852	\$18,055	\$41,907 \$0 \$0			\$3,875	\$1,532	\$5,407 \$0			\$0	so	\$0		\$70,776 T	redging Engineering Planning and echnical Services
	ontracted Services ontracted Services ontracted Services Total Direct Costs						18223	5220	\$0 \$0			22852	18054	\$0 \$0 \$0			3005	1562	\$0 \$0 \$0 \$0			100	100	\$0 \$0 \$0		\$0 \$0 \$0 \$0	

Subtask 13.1: GBA Subtask 3.2.1- Vegetative Management Analysis
Subtask 13.2: GBA Subtask 3.2.2 - Hydraulic Analysis for Flow and Channel Geometry for Wetland Development
Subtask 13.3: GBA Subtask 3.3.3 - Planning and Task Management
Subtask 13.4: Habitat Objectives Framework

TASK 14 - VEGETATIVE PLANNING (CENAB Item 3.3)

BUDGET REVISION REQUEST FOR TASK 14 THROUGH DECEMBER 31, 2001

MES	LABOR				Subtask	14.1 (GBA Su	btask 3.3.1)			Subtask 1	1.2 (GBA S		.2)			4.3 (GBA S	ubtask 3.3.	3)	Su		(no CENA	B Item Num	nber)	TASE	TOTALS	Work Performed
		FY00 Hourly	FY01 Hourly	FY00 Est.	Task Amend. #1 Est.	FY00 Est.	Task Amend #1	ĺ	FY00 Est.	Task Amend. #1 Est.	FY00 Est.	Task Amend #1 Est.		FY00 Est.	Task Amend. #1 Est.	FY00	Task Amend #1 Est.		FY00 Est.	Task Amend. #1 Est.	FY00 Est.	Task Amend #1 Est.				
Category	Employee	Rate	Rate	Hours	Hours	Cost	Est. Cost	Cost	Hours	Hours	Cost	Cost	Cost	Hours	Hours	Est. Cost	Cost	Cost	Hours	Hours	Cost	Cost	Cost	Hours	Cost	Periori/Oppositions Planning Control Opposite Transition
ect Director/Senior Planner	Wayne Young	\$35.61	\$37.04	1	1	\$38	\$37	\$73	1	1	\$38	\$ 37	\$ 73	2	. 2	\$71	\$74	\$145	2	2	\$71	\$74	\$145	12	\$43	Project/Operations Planning, Contract Oversight, Tec 6 Review/Support Project Management, Ops Planning, Tech Review/Sup
ect Manager	see note at right	\$24.31	\$27.71	2	2	\$49	\$55	\$104	4	4	\$97	\$111	\$208	4	4	\$97	\$111	\$208	12	12	\$292	\$3 33	\$624	44	\$1,14	progress/team mtgs. Note: K. Wikar until 10/20; S. Sti after 10/20
or Environmental Scientist ronmental Scientist	Cecelia Donovan Tammy Banta	\$28.12 \$25.06		4	10	\$112: \$0	\$292 \$0	\$405 \$0	. 4	10	\$112 \$0	\$292 \$0	\$405 \$0	4	20	\$112 \$0	\$585 \$0	\$697 \$0		0	\$0 \$0	\$0 \$0	\$0 \$0	52 0		Environmental Science/Monitoring Environmental Science/Monitoring Alternate Project Manager, Environmental Science, P
Project Manager/ Env. ntist	Steve Storms	\$23.09	\$24.86	4	4	\$92	\$99	\$192	. 4	4	\$92	\$99	\$192	12	12	\$277	\$298	\$575	4	4	\$92	\$99	\$192	48	\$1,15	will be backfilled or hours reprogrammed to others up 1 assignment as project manager.
ct Management Specialist conmental Specialist	Melissa Slatnik		\$15.38			\$0 \$0	\$0 \$0	\$0 \$0			\$0 \$0	\$0 \$0	\$0 \$0	12	12	\$0 \$178	\$185	\$0 \$363	12	12:	\$0 \$178	\$0 \$185	\$0 \$363	0 48	1 -	Contracting Planning and Documentation and Mgt. Si 0 Note: Position being filled 6 Task Mgt.Support/Env. Science/Geology
	Sue Kelly Tom Humbles	\$14.22 \$18.23				\$0 \$0	\$0 \$0	\$0 \$0			\$0 \$0	\$0 \$0	\$0 \$0		ر ا	\$0 \$0		\$0 \$0			\$0 \$0i	\$0 \$0	\$0 \$0	0		Environmental Science/Biology Environmental Technical/Inspection, Phragmites Cor
ronmental Specialist	Erika Kehne	\$11.58	\$12.40			so	\$0 \$0	\$0			\$0	\$0	\$0			\$0	\$0	\$0			\$0	\$0	\$0	0	SO	0 Environmental Technical
ronmental Specialist	Doug Taylor Gwen Neate	\$13.35 \$0.00	\$13.83			\$0 \$0	\$0	\$0 \$0			\$0 \$0	\$0 \$0	\$0 \$0		20	\$0 \$0	\$277	\$0 \$277		20	\$0 \$0	\$0 \$277	\$0 \$277	40	\$55:	D Environmental Technical/Inspection 3 Environmental Technical Task Manager, Engineering Planning and Review;
or Engineer neer, Civil	William Chicca Larry Walsh	\$36.48 \$28.53	\$38.04 \$29.86			\$0 \$0	\$0 \$0	\$0 \$0			\$0 \$0	\$0 \$0	\$0 \$0			\$0 \$0		\$0 \$0			\$0 - \$ 0	so so	\$0 \$0	0		0 progress/team mtqs. 0 Construction Planning
neer, Civil	David Foster	\$28.29				\$0	\$0	So			\$0	\$0	\$0			\$0	\$0	\$0			\$0	\$0	\$0	Ō		D Engineering Design Evaulation, Cost Estimates Civil and Dredging Engineering, Surveys, progress/ti field technical support. Note: S. Moore until 11/18; p
eer, Civil	see note at right	\$19.30 \$28.53	\$21.59 \$29.68			\$0 \$0	\$0 \$0	\$0 \$0			\$0 \$0	\$0 \$0	\$0 \$0			\$0 \$0	\$0 \$0	\$0 \$0			\$0	so	\$0	0		being filled
eer, Civil eer, Civil	Les Shaw Charles Peng	\$23.13	\$24.06			so	\$0	\$0			\$0	\$0	\$0			\$0	\$0	\$0 \$0			\$0 \$0	\$0 \$0	\$0 \$0	0		D Engineering Design Evaulation, Cost Estimates D Engineering Design Evaulation, Cost Estimates
neer, Construction ations Field Supervisor	Ellis Heath Allen West	\$18.81 \$17.08				\$0 \$0	\$0 \$0	\$0 \$0			\$0 \$0	\$0 \$0	\$0 \$0			\$0 \$0	\$0 \$0	\$0 \$0			\$0 \$0	sol	\$0 \$0	0		Construction Engineering Field Operations Planning
ronmental Dredging Tech	James Tracy	\$13.44	\$15.40			so	\$0	\$0			\$0	\$0	\$0			\$0	\$0	\$0		1	\$0	\$0	so	ŏ		Technical Suppport
Technician Technician	Chris Norris Mark Cohoon	\$20.54 16.48	\$21.15 19.96			\$0 \$0	\$0 \$0	\$0 \$0			\$0 \$0	\$0 \$0	\$0 \$0			\$0 \$0	\$0 \$0	\$0 \$0			\$0 \$0	\$0 \$0	\$0 \$0	0	\$0	CAD Drawings, Document Preparation CAD Drawings, Document Preparation
ne Operations Specialist	Jeffrey Pitts	\$22.44	\$23.25			\$0	\$0	\$0			\$0	\$0	\$0	ĺ		\$0	\$0	\$0		1	\$0	\$0	so	ő	\$0	Marine Operations, Construction Inspection
p /Equipment Operator	Brian Wolff various	10.54 \$15.00	10.54 \$15.00			\$0 \$0	\$0 \$0	\$0 \$0			\$0 \$0	\$0 \$0	\$0 \$0			\$0 \$0	\$0 \$0	\$0 \$0			\$0 \$0	\$0 \$0	\$0 \$0	0	\$0	Engineering Technical Support Boat & Equipment Operation
r Sub-Total	Various	315.00	313.00	11	17		\$484	\$773	13	19	\$338	\$540	\$877	34	70	\$736	\$1,529	\$2,266	30	50	\$634	\$967	\$1,601	244	\$5,517	Boat & Equipment Operation
e (FY00 @ 44.2%; FY 01		0.442	0.441			\$128	\$214	\$341			\$149	\$238	\$387			\$328	\$874	\$1,000			\$280	\$427	\$707		\$2,435]
.1%) nead @ 45% of lab <u>or</u>		0.442	0.441			\$128 \$130	\$218	\$348			\$152	\$236 \$243	\$395			\$331	\$688	\$1,020			\$285	\$427 \$435	\$707 \$720		\$2,435 \$2,483	
Total Loaded Labor					L	\$547	\$918	\$1,463			\$639	\$1,021	\$1,660			\$1,393	\$2,892	\$4,285			\$1,199	\$1,829	\$3,028		\$10,435	
CT COST		0.31	0.31			0	0	\$0			0	0	\$0	75	75	23	23	\$47	75	75	23	23	\$47		\$93	
I, Lodging, Per Diem ies and Materials ng & Reproduction				•				\$0 \$0 \$0								İ		\$0 \$0 \$0	ĺ	ļ	25 100	25 100	\$0 \$50 \$200		\$0 \$50 \$200)
nge			I					\$0 \$0				- 1	†	-		10	10	\$20 \$20		İ	25	25	\$50 \$20	Ì	\$70 \$40	
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Service/Rental al Eouipment								\$0 \$0							.			\$0 \$0		İ	İ		\$0 \$0		\$0 \$0	
acted Services (GBA,						·		\$0		•		İ		ŀ		J		\$0	1		-		\$0		\$0	
andin) acted Services (Dolinar)	-					\$14,163	\$0	\$14,163 \$0			\$14,456	\$4,377	\$18,833 \$0			\$30,466	\$5,206	\$35,672 \$0			\$14,017	\$2,318	\$16,335 \$0		\$85,003 \$0	Dredging Engineering Planning and Technical Service
acted Services (Moffat & I)			1					\$0					. \$0		İ		1	\$0	-	-			so	- 1	\$0	
racted Services racted Services								\$0 \$0					1	- 1			1	\$0 \$0	- 1	1	İ	1	\$0 \$0		\$0 \$0	
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Subtask 14.1: GBA Subtask 3.3.1- Design Test Plant Zones
Subtask 14.2: GBA Subtask 3.3.2 - Review, Plan and Design Nursery
Subtask 14.3: GBA Subtask 3.3.3 - Preliminary Vegetation Design
Subtask 14.4: Planning, Technical Review, and Task Management for MES Task 14/CENAB Item 3.3

TASK 15 - PUBLIC MEETINGS TECHNICAL AND MEETING SUPPORT (Cenab Item Number 5.2)

BUDGET REVISION REQUEST FOR TASK 15 THROUGH DECEMBER 31, 2001

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Subtask 15.1: CENAB Item 5.2 - Public Meetings Technical and Meeting Support Subtask 15.2: Vacant

Subtask 15.3: Vacant

TASK 16 - INTERORGANIZATIONAL SUPPORT (CENAB Item 5.4)

BUDGET REVISION REQUEST FOR TASK 16 THROUGH DECEMBER 31, 2001

MES LABOR			1			Subtask 16	6.1				Subtask 1	6.2				Subtask 10	6.3		TAS	KTOTALS	Work Performed	
							Task															
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oject Director/Senior Planner	Wayne Young	\$35.61	\$37.04	8	י ו	285	익	\$285	"	1	\$142	30	3142	٠ ،		4200	**	\$200	20	57 12 1	Project/Operations Flaming, Contract Oversight, Fect. Review/S Project Management, Ops Planning, Tech Review/Support; progre	
		أيميما	****		١ .		\$222	\$416	۱ .		\$97	\$111	\$208	اء.	16	\$389	\$443	\$832	اءء ا	61 457	mtgs. Note: K. Wikar until 10/20; S. Storms after 10/20	
oject Manager	see note at right	\$24.31	\$27.71	48	60	\$194	\$1,754	\$410 \$3,104	1 42	48		\$1,404	\$1,741	64	60	\$1,800		\$3,554	292		Environmental Science/Monitoring	
	Cecelia Donovan	\$28.12	\$29.24	40	∾	\$1,350	\$1,754	\$3,104 ¢0	'4		\$337	\$0	\$1,741	~	ر س	\$1,000 \$n	\$1,754	\$0,554	232		Environmental Science/Monitoring	
vironmental Scientist	Tammy Banta	\$25.06	\$26.07		ŀ	≫	30	30			*~	•	**		1	30	*~	~	ا ا		Alternate Project Manager, Environmental Science. Position will b	
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	Ctorus Ctorus	\$23.09	\$24.86	48	48	\$1,108	\$1,193	\$2,302	12	12	\$277	\$298	\$575	64	64	\$1,478	\$1,591	\$3,069	248		manager.	
t. Project Manager/ Env. Scientist	Steve Storms	\$23.09	324.00	40	+0	31,100	\$1,135	\$2,502	'		***./	32.50	\$5.5	- 1	"	0.,	0.,55.	40,500		\$0,040	Contracting Planning and Documentation and Mgt. Support; Note:	
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	Melissa Slatnik	\$14.87	\$15.38	48	50		\$769	\$1,483	12	50		\$769	\$947	80	40	\$1,190		\$1,805	280		Fask Mgt.Support/Env. Science/Geology	
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	Tom Humbles	\$16.23	\$16.72		ł	so so	\$0	\$0	1		\$0	ŝõ	sol			\$0		so	اما		Environmental Technical/Inspection, Phragmites Control	
(*************************************	Erika Kehne	\$11.58	\$12.40	. 48	١ ،	\$556	\$0	\$556	12	۱ ،	\$139	sõ	\$139	80	o	\$926		\$926	140		Environmental Technical	
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	James Tracy	\$13.44	\$15.40	_		\$0	\$85	\$167	,		\$41	\$42	\$83	ام	اما	\$82	\$85	\$167	20		CAD Drawings, Document Preparation	
	Chris Norris	\$20.54	\$21.15	4	1 7	\$82 \$66	\$80	\$107 \$146		1 6	\$0	\$0 \$0	so	الآ	1	\$66	\$80	\$146	16		CAD Drawings, Document Preparation	
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Subtask 16.1: CENAB Item 5.4.1 - Poplar Island Habitat Sub-Group Subtask 16.2: CENAB Item 5.4.2Poplar Island Monitoring Sub-Group Subtask 16.3: CENAB Item 5.4.3 Poplar Island Working Group

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ASK 17 - PLANNING AND I	MPLEMENTA	ATION LO	GISTICS	AND GE	NERAL S	UPPORT ((no CENA	B number)					1 .				L			i	į .	<u> </u>		ļ	<u> </u>					
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WE8	LABOR					Subtesk 17	7.1				Subtesk 1			ļ		Subtask 17	7,3		┷		Subtask 1			ļ		Veces	4	-	TA	SK TOTA	S Work Performed
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ect Director/Senior Planner	Wayne Young	\$35.61	\$37.04	-	' 	4 \$142	\$148	\$291	' -		\$142	3140	3291	' 		* <u>`</u>	3140	* * * * *	° 	 	4	30	**	' 		*	*	4	* *	~	\$729 Tech, Review/Support Project Management, Ops Planning, Tech
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or Environmental Scientist	Cecetia Donov	\$28.12	\$29.24			\$0	\$0				\$0				-		\$0			9						\$5	\$0			0	\$0 Environmental Science/Monitoring
ronmental Scientis1	Terriny Bente	\$25.06	\$26.07		 	- 50	\$0	\$1	-	-	\$0	30	\$0	<u> </u>		 	***		" -	٠	\$0	\$0	30	' 			**	' 	50	9	\$0 Environmental Science/Monitoring
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								1																	i	t	İ	1	II.		Position will be backfilled or hours reprogram
Project Manager/ Env. Scientist	Steve Storms	\$23.09	\$24,86		<u> </u>	8 \$185	\$199	\$384	1 8	8	\$185	\$199	\$384	4			\$0	\$	0		\$0	\$0	\$0	<u> </u>	<u> </u>	. \$0	\$0	\$	ю <u> з</u>	12	\$767 to others upon assignment as project manag
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ENVIRONMENTAL, PLANNING, TECHNICAL AND IMPLEMENTATION SERVICES FOR POPLAR ISLAND ENVIRONMENTAL RESTORATION PROJECT

BUDGET REVISION REQUEST FOR TASKS 1 TO 17 THROUGH DECEMBER 31, 2001

								MES LA	BOR											
Category	Employee	TASK 1	TASK 2	TASK 3	TASK 4	TASK 5	TASK 6	TASK 7	TASK 8	TASK 9	TASK 10	TASK 11	TASK 12	TASK 13	TASK 14	TASK 15	TASK 16	TASK 17	TOTal	Work Performed
Project Director/Senior Planner	Wavne Young	952	14	. 64	1	3	10	11	1	66	. 44	48	1	4	12	48	20	20	1319	Project/Operations Planning, Contract Oversight, Tech. Review/Support
roject Director/Schor Flamma	Trayine roung	332			Ι .	l ĭ			•	اد		"		1					1	Project Management, Ops Planning, Tech Review/Support; progress/team mtgs. N
roiect Manager	see note at right	1568	36	120	8	24	52	28	4	98	. 232	16	0	32	44	80	56	138	2534	K. Wikar until 10/20; S. Storms after 10/20
enior Environmental Scientist	Cecelia Donovan	160	174	0	0	l ol	48	0	0	53	0	8	0	56	52	120	292	(963	Environmental Science/Monitoring
nvironmental Scientist	Tammy Banta	48	0	0	0	0	o	0	0	4	0	이	0	0	0	이	. 0	C	52	Environmental Science/Monitoring
		·	-							_										Allernale Project Manager, Environmental Science. Position will be backfilled or ho
All. Project Manager/ Env. Scientist	Steve Storms	520	146	0	0	0	46	0	0	72	0	16	60	32	48	. 120	248	32	1340	reprogrammed to others upon assignment as project manager.
roject Management Specialist	see note at right	616	0	0	l o	l ol	o	0	0	o	0	[.] o	0	o	0	o	0	144	760	Contracting Planning and Documentation and Mgt. Support; Note: Position being fi
nvironmental Specialist	Melissa Slatnik	320	264	48	l 8	16	48	24	4	32	144	l ol	12	96	48	48	280	48	1440	Task Mgl. Support/Env. Science/Geology
nvironmental Specialist	Sue Kelly	48	0	o	ه ا	ا ا	o	o	0	l ol	0	l ol	0	o	0	o	o	c	48	Environmental Science/Biology
nvironmental Specialist	Tom Humbles	80	16	ا ا	l o	l ol	ol	0	0	40	0	0	196	o	0	o	o	c	332	Environmental Technical/Inspection, Phragmiles Control
nvironmental Specialist	Erika Kehne	48	24	ō	آ ا	ا آا	o	0	0	o	8	0	0	12	0	24	140	C		Environmental Technical
Invironmental Specialist	Doug Taylor	36	16	o	ه ا	ا ا	ol	0	0	32	o	l ol	o	o	0	o	ol	c	84	Environmental Technical/Inspection
nvironmental Specialist	Gwen Neata	24	40	اما	آ ا	ا ا	40	0	. 0	o	0	l ol	0	48	40	24	140	c	356	Environmental Technical
Senior Engineer	William Chicca	128	0	64	آ ا	ا ا	ol	0	0	o	0	- 0	0	o	0	o	o	C	192	. Task Manager; Engineering Planning and Review, progress/learn mtgs.
ingineer, Civil	Larry Walsh	48	. 0	0	آ آ	ا ا	0	0	0	o	36	l ol	0	o	0	ol	ol	C		Construction Planning
ingineer, Civil	David Foster	32	ō	ا ا	ه ا	ا آ	o	. 0	ō	o	120	اه ا	0	o	0	ol	o	C		Engineering Design Evaulation, Cost Estimates
g		"-	_]		[_	_	_			}		ı						Civil and Dredging Engineering, Surveys, progress/team mlgs, field lechnical supp
Engineer, Civil	see note at right	680	0	60	0	12	32	16	0	16	228	36	0	0	0	16	0	40		Note: S. Moore until 11/16; position being filled
Engineer, Civil	Les Shaw	32	0	0	0	0	0	0	0	0	64	0	0	이	0	0	0	C		Engineering Design Evaulation, Cost Estimates
Ingineer, Civil	Charles Peng	32	0	0	0	0	0	- 0	0	0	72	0	0	0	0	0	이	C		Engineering Design Evaulation, Cost Estimates
ngineer, Construction	Ellis Heath	120	0	0	0	0	0]	0	0	0	112	0	0	이	0	0	0	C	232	Construction Engineering
Operations Field Supervisor	Allen West	104	0	0	l o	loi	0	0	0	o	0	8	0	0	0	0	0	0		Field Operations Planning
nvironmental Dredging Tech	James Tracy	144	0	0	0	l ol	8	0	0	o	8	8	0	0	0	0	0	40	208	
AD Technician	Chris Norris	56	20	0	0	l o	o	. 0	0	8	79		0	32	0	16	20	0	231	CAD Drawings, Document Preparation
AD Technician	Mark Cohoon	56	0	0	0	l ol	0	0	0	i ol	0	1 0	0	. 0	0	16	16	C	88	CAD Drawings, Document Preparation
larine Operations Specialist	Jeffrey Pitts	80	0	o	į o	l ol	o	0	. 0	ol	40	0	0	이	0	0	o	a	120	Marine Operations, Construction Inspection
co-op	Brian Wolff	24	0	0	0	l o	o	0	0	o	0	i ol	0	o	0	0	0		24	Engineering Technical Support
Soat/Equipment Operator	various	64	o	o	i	l o	0	. 0	0	0	0		0	o	0	0	_ 12	5280		Boal & Equipment Operation
abor Sub-Total		6020	750	356	17	55	284	79	9	421	1187	140	269	312	244	512	1224	5740	17619	

Task 1: Project Planning, Technical, Environmental and Implementation Services Task 2: Long-Term Monitoring (CENAB Item 1.4)

Task 2: Long-Term Monitioning (CENAB Item 1.4)
Task 3: Dewatering Plan and Underdrain and Pumping System (CENAB Item 2.1.2)
Task 4: Wettand Field Data (CENAB Item 2.1.4)
Task 5: Baseline PSDDF Modeling and Cell Capacities (CENAB Item 2.1.5)
Task 6: Plan and Design Marsh (CENAB Item 2.1.6)

Task 7: Material Management Plan for First Dredging Cycle (CENAB Item 2.1.7)
Task 8: Filling Schedule and Quantitities for First Placement Cycle (CENAB Item 2.1.8)
Task 9: Technical Assistance for Planning First Placement Cycle (CENAB items 2.1 and 2.3)

Task 9: Technical Assistance for Planning First Placement Cycle (CENAB item Task 10: Site Support and Logistics (CENAB Item 2.2)
Task 11: Design Crust Management Plan (Initial concept plan)
Task 12: Phragmites Control (CENAB Item 3.1)
Task 13: Vegetative Management Technical Analysis (CENAB Item 3.2)
Task 14: Vegetative Planning (CENAB Item 3.3)
Task 15: Public Meetings Technical and Meeting Support (CENAB Item 5.2)
Task 16: Interorganizational Support (CENAB Item 5.4)
Task 17: Planning and Implementation Logistics and General Support (no CEI

Task 17: Planning and Implementation Logistics and General Support (no CENAB Item Number, provides field-level support for planning are related activities

MARYLAND ENVIRONMENTAL SERVICE

ENVIRONMENTAL DREDGING DIVISION PROPOSAL NUMBER ED-03-01

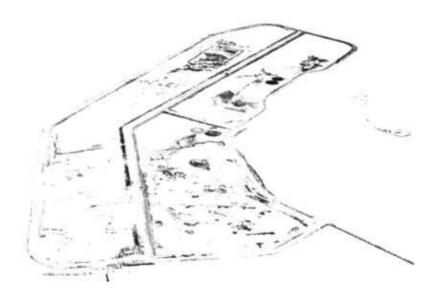
Environmental, Planning and Implementation Services for Poplar Island Environmental Restoration Project

REQUEST FOR MODIFICATIONS TO SCOPE OF WORK, BUDGET CHANGES AND TERM

Prepared for:
Maryland Port Administration

MPA Contract Number: 500828 MPA PIN Number: 54020020 MES Contract Number 00-07-24

October 25, 2000



Proposed Service Providers

Maryland Environmental Service (MES)

MES Subcontractors and Subcontractor Subconsultants

Moffat and Nichol Engineers (M&N)

Gahagan & Bryant Associates, Inc. (GBA)

Earth Engineering and Science, Inc. (E2Si)

Engineering, Consultation, Construction and Remediation, Inc (E2CR) Environmental Concern, Inc. (ECI)