MARYLAND ENVIRONMENTAL SERVICE

ENVIRONMENTAL DREDGING DIVISION PROPOSAL NUMBER ED-03-01

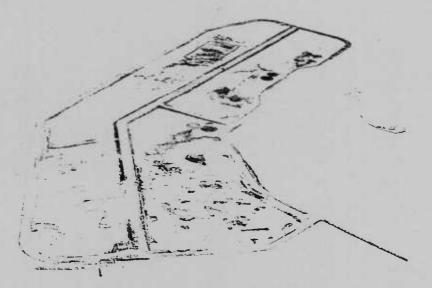
Environmental, Planning and Implementation Services for Poplar Island Environmental Restoration Project

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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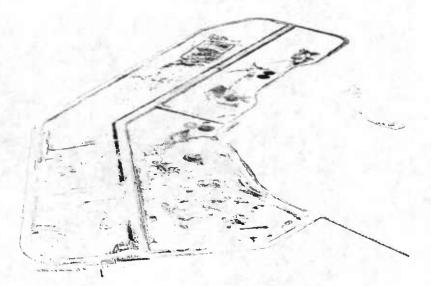
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MES PROPOSAL ED-03-01 October 25, 2000

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- 1A MES Subcontractor Supplemental Scope of Work
- 2 MES Cost Estimate for Task Amendment #1 for Tasks 1 to 17
- 2A MES Subcontractor Cost Estimate for Subcontractor Elements of Task Amendment #1 for Tasks 1 to 17
- 3 MES Compilation of Cost Estimates for Original Proposal and Task Amendment #1 for Tasks 1 to 17



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.

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copy to:

MES: R. Miller, K. Wikar, C. Donovan, S. Storms, F. 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

FROM: Frank L. Hamons, Manager, Harbor Development

TO: Wayne Young, Director, Environmental Dredging

SUBJ: Task Authorizations

- 1. MES Proposal ED-03-00 is accepted.
- 2. This endorsement constitutes the MPA's notice to continue services for Poplar Island Environmental 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 Tasks 1 through 17.

Frank L. Hamons Manager, Harbor Development (date)

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.

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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

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

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.

- <u>Subtask Scope of Work</u>. 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.
- Justification: 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 documentation.

- <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>: 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.

- <u>Subtask Scope of Work</u>. 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:

- <u>Subtask Scope of Work</u>. No change to subtask scope of work.
- Level of Effort: 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.

- <u>Subtask Scope of Work</u>. 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.

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 sitespecific 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

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.

Level of Effort: 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.

- <u>Subtask Scope of Work</u>. 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 4WETLAND 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.

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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.

Level of Effort: 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.

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- <u>Subtask Scope of Work</u>. 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 6PLAN 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.

- <u>Subtask Scope of Work</u>. 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.

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)

- <u>Subtask Scope of Work</u>. 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.

<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.

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- <u>Subtask Scope of Work</u>. 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 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 9TECHNICAL 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.

- <u>Subtask Scope of Work</u>. 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.

- <u>Subtask Scope of Work</u>. 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.

• <u>Subtask Scope of Work</u>. 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.

- <u>Subtask Scope of Work</u>. 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).

- <u>Subtask Scope of Work</u>. 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

- <u>Subtask Scope of Work</u>. 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 10.10Planning and Task Management for MES Task 10

Summary of GBA Subtask Modifications. None.

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.
- Justification: 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.

TASK 13VEGETATIVE MANAGEMENT TECHNICAL ANALYSIS (CENAB Item3.2)

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.

- <u>Subtask Scope of Work</u>. 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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- <u>Subtask Scope of Work</u>. 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.

TASK 14VEGETATIVE 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 sitespecific 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.

Level of Effort: 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.

• <u>Subtask Scope of Work</u>. No change to subtask scope of work.

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- <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 15CENAB 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.

- <u>Subtask Scope of Work</u>. 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.

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:

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

- <u>Subtask Scope of Work</u>. 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.

- <u>Subtask Scope of Work</u>. 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.

- <u>Subtask Scope of Work</u>. 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.

TASK 17PLANNING AND IMPLEMENTATION LOGISTICS AND GENERALSUPPORT (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

- <u>Subtask Scope of Work</u>. 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 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

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</u>. *NEW SUBTASK REQUESTED* 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

- <u>Subtask Scope of Work</u>. *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.
- <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>: 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)

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ATTACHMENT 1A

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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 1.1Additional Joint Planning Team Support. GBA will, attend additionalPre Joint Planning Team meetings, CENAB Joint Planning meetings and other planningmeetings (Approximately 60 additional meetings).GBA will, attended additional PreJoint 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.



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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:

- Raised dike modifications at and around the existing and future/modified spillways for upland cell no. 2.
- Access ramps to the raised dike to spillways and to the interior 12ft bench along upland cell no. 2.
- \circ 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

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- 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.



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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:

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- 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

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

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

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

									IES LABOR							÷		
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
Project Director/Senior Planner	Wayne Young	\$24,298	\$259	\$889	S O	\$74	\$185	\$370	\$0	\$815	\$ 0	\$1,482	\$0	\$74	\$222	\$889	\$0	\$444
Project Manager	see note at right	\$34,139	\$499	\$1,219	S O	\$443	\$720	\$554	\$0	\$1,358	\$0	\$222	\$0	\$ 443	\$610	\$1,108	\$778	\$2,438
Senior Environmental Scientist	Cecelie Donovan	\$2,339	\$3,509	\$0	\$0	S O	\$1,170	\$ 0	so	\$936	\$0	\$234	\$ 0	\$1,170	\$1,170	\$2.339	\$4.912	\$0
Environmental Scientist	Temmy Banta	\$626	\$ 0	\$ 0	S 0	S 0	\$0	\$0	\$0	S 0	so	\$0	so	so	\$0	SO	so	\$0
Alt. Project Manager/ Env. Scientist	Stave Storms	\$9,745	\$1,989	s o	so	so	\$994	so	so	\$ 895	so	\$398	so	\$398	\$ 597	\$1,989	\$3.083	\$398
Project Management Specialist	see note at right	\$14,188	so	so	so	so	so	so	so	\$ 0	\$0	so	so	so	\$0	\$0	so	\$3,312
Environmental Specialist	Melissa Slatnik	\$2,830	\$2,481	\$369	\$0	\$123	\$615	\$248	so	\$369	\$0	so	\$0	\$738	\$369	\$369	\$2,153	\$369
Environmental Specialist	Sue Kelly	\$390	\$0	- S O	\$0	\$0	\$0	\$0	so	\$0	so	\$0	\$0	\$0	\$ 0	\$0	\$0	\$0
Environmental Specialist	Tom Humbles	\$669	\$266	soi	\$0	S O	soi	so	sol	\$134	soi	\$0	S 0	\$0	\$0	\$0	\$0	\$0
Environmental Specialist	Erika Kenne	\$298	\$ 0	soi	\$0	\$0	sol	\$0.	sol	s 0	so	\$0	soi	sol	\$0	\$0	\$0	SO
Environmental Specialist	Doug Taylor	\$327	\$218	sol	soi	\$0	sol	so	s oi	\$109	sol	\$0	\$01	\$0	\$0	\$0	\$0	\$0
Environmental Specialist	Gwen Neets	\$332	\$553	so	sol	\$0	\$553	\$0	soi	so	sol	\$ 0	\$0	\$664	\$553	\$332	\$1,936	\$0
Senior Engineer	William Chicca	\$3,956	so	\$2,435	so	sol	50	sol	sol	SO	50	\$0	S 0	\$0	\$0	S 0	so	\$0
Engineer, Civil	Larry Watsh	\$712	so	s 0	\$0	so	so	so	sol	\$0	sol	\$0	\$0	S 0	\$0	so	SO	\$0
Engineer, Civil	David Fostar	\$ 471	so	\$0	\$0	\$ 0	\$0	\$0	so	\$0	so	\$0	so	\$0	\$ 0	so	\$ 0	\$0
Engineer, Civil	see note at right	\$14,183	so	\$1,295	so	\$173	\$345	\$345	so	\$173	so	\$518	so	so	\$0	\$173	\$ 0	\$864
Engineer, Civil	Les Shaw	\$475	\$0	\$0	S O	SO	\$0	\$0	S O	soj	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Engineer, Civil	Charles Peng	\$385	\$0	S O	S O	\$0	\$0	SO	\$0	S 0	\$0	\$0	sol	\$0	\$0	\$0	SO SO	\$0
Engineer, Construction	Ellis Heath	\$767	\$0	S 0	\$0	\$0	SO	\$0	\$0	\$0	\$0	\$0	\$0	\$0	· \$0	S 0	S0	\$0
Operations Field Supervisor	Alien West	\$728	\$0	S O	\$0	\$0	\$0	\$0	\$01	so	sol	· \$146	sol	\$0	' \$ 0	\$0	\$0	\$0
Environmental Dredging Tech	James Tracy	\$1,848	S O	\$0	\$0	\$0	\$0	\$0	so	so	so	\$123	S O	\$0	\$0	\$0	so so	\$618
CAD Technician	Chris Norris	\$846	\$212	S O	S O	\$0	\$0	sol	so	\$85	S 0	\$0	so	\$338	\$0	\$169	\$212	\$0
CAD Technician	Mark Cohoon	\$798	so	sol	soi	soj	S O	sol	so	\$0	so	sol	sol	\$0	\$0	\$180	\$160	\$ 0
Marine Operations Specialist	Jeffrey Pitts	\$930	\$0	so	sol	\$0	\$01	\$0	\$ 0	\$0	\$0	\$01	sol	\$0	\$0	\$0	\$0	. \$0
Co-op	Brien Wolf	S 0	\$0	so	\$0	\$0	\$0	\$0	\$0	so	so	\$0	\$0	\$0	\$0	\$0	\$0	50
Boat/Equipment Operator	various	\$600	\$0	\$0	SO	\$0	so	50	\$0	soi	so	\$01	soi	so	\$0	\$0	\$180	\$57,600
abor Sub-Totel		\$118,840	\$9.967	\$6,207	50	\$813	\$4,584	\$1,516	\$0	\$4,872	\$0	\$3,122	50	\$3,825	\$3,520	\$7,528	\$13,411	\$66,041

SUBTOTAL (Labor and Direct Costs)	\$423,685	\$19,516	\$81,758	\$0	\$31,737	\$8,697	\$12,628	\$0	\$9,322	\$0	\$7,528	\$0	\$32,574	\$18,785	\$15,194	\$26,118	\$679,584
Total Direct Costs		\$669	\$70,020	\$0	\$30,199	<u>\$</u> 30	\$9,781	S 0	\$108	\$0	\$1,625		\$25,341	\$12,128	\$959	\$/5/]	\$554,700
Tatal Dimet Control	\$202,741	£640	670 000							· · ·			£25 244	612 120	6050	\$757	\$554 700
Contracted Services	\$0	S 0	so	S 0	\$0	so	so	so	so	so	\$0	so	S O	so	S O	so	so
Contracted Services	50	\$0	S 0	S O	\$0	\$0	\$0	\$0	\$0	· SO	\$0	\$0	\$ 0	sol	\$0	\$0	SO
Contracted Services (consultant)	S 0	S O[so	S O	\$0	S O	\$0	S O	\$0	° S O	S O	\$0	\$0	\$0	\$0	\$0	SO
Contracted Services (Moffat & Nichol)	S 0	\$0	\$0 .	\$0	S O	so	so	S 0	\$0	_ s o	\$0	\$0	\$0	\$0	sol	\$0	so
Contracted Services (Dolinar)	\$2,000	S O.	S O	sol	\$0	\$0	\$0	S 0	soj	\$0	\$1,500	\$ 0	so	SO	soj	SO	so
Contracted Services (GBA)	\$186,877	so	\$69,827	\$0	\$30,146	\$0)	\$9,738	S O	\$0	soj	\$0	\$0	\$24,818	\$11,901	so	so	so
Other	S 0	\$70	SO	\$0	\$0	S O	\$ 0	so	\$0	\$0	\$0	S O.	S O	so	S O	S O	\$226,200
Special Equipment	\$0	so	\$0	S O	\$0	\$0	S O	SO	\$0	\$0	\$0	\$0	S O	S 0	\$0	S O	\$60,000
Boat Service/Rental	SO SO	\$0	S O	S O	so	S O:	so	SO	\$0	S 0	SO	\$0	\$0	S O	so	so	\$151,500
Vehicle Service/Rental	so	\$0	S 0	S O	S 0	SO	so	\$0	\$0	\$0	\$0	\$0	\$0	sol	so	sol	\$81.000
MES CAD Burden Rate	\$578	\$180	\$ 0	\$0	soj	\$0	\$0	S O	\$108	\$0	S O	\$0	\$286	so	\$288	\$324	\$0
Telephone, Communications	\$180	\$30	\$10	\$0	\$10	\$10	\$0	\$0	\$0	\$0	\$10	so	\$20	\$20	\$10	\$35	\$0
Postage	\$1,260	\$60	\$10	\$0	\$10	\$10	so	soj	\$0	\$0	\$10	\$0	\$35	\$35	\$25	\$35	\$0
Printing & Reproduction	\$1,250	so	S O	\$0	\$0	soi	so	S 0	\$0	so	\$25	\$0	\$100	\$100	\$300	\$125	SO
Supplies and Materials	\$6,750	\$120	\$10	S O	\$10	\$10	so	so	so	\$0	\$10	\$0	\$35	\$25	\$150	\$75	\$0
Travel, Lodging, Per Diem	\$2,000	so	S 0	so	\$0	\$ 0	so	\$0	so	\$0j	\$0	so.	SO	so	S O	so	\$36,000
Mileage	\$1,848	\$209	\$183	S 0	\$23	so	\$23	so	so	sol	\$70	\$O.	\$47	\$47	\$186	\$183	so
DIRECT COST		r	T		1	T											1
Total Loaded Labor	\$220,945	\$18,847	\$11,738	\$0	\$1,538	\$8,667	\$2,867	sol	\$9,214	\$0	\$5,904	501	\$7,234	\$6,657	\$14,235	\$25,361	\$124,884
Overheed @ 45% of labor	\$52,578	\$4,485	\$2,793	\$0	\$366	\$2,063	\$682	50	\$2,193	SO	\$1,405	sol	\$1,721	\$1,584	\$3,388	\$6.035	\$29.719
Fringe @ 44.1% of labor (FY01 rate)	\$51,527	\$4,395	\$2,737	\$0	\$359	\$2,021	\$669	50	\$2,149	SO	\$1,377	SO	\$1,687	\$1,553	\$3,320	\$5,914	\$29,124

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Task 1: Project Planning, Technical, Environmental and Implementation Services Task 2: Long-Term Monitoring (CENAB Item 1.4) Task 3: Dewatering Plan and Undertrain and Pumping System (CENAB item 2.1.2) Task 4: Wetland Fried Data (CENAB Item 2.1.4) Task 5: Baseline PSDDF Modeling and Cell Capacities (CENAB Item 2.1.5) Task 8: Plan and Design Marsh (CENAB Item 2.1.6) Task 7: Material Management Plan for First Dredxing 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 2.1.8) Task 9: Technical Assistance for Planning First Placement Cycle (CENAB Item 2.1.3) Task 9: Technical Assistance for Planning First Placement Cycle (CENAB Item 2.1.8) Task 9: Technical Assistance for Planning First Placement Cycle (CENAB Item 2.1.8) 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 14: Vegetative Planning (OENAB Item 3.3) Task 15: Public Meetings Technical and Meeting Support (CENAB Item 5.2) Task 17: Planning and Implementation Logistics and General Support (no CENAB Item Number; provides field-level support for planning are related activities.

Attachment 2 MES Proposal ED- 03-01 October 25, 2000 Page 1

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	Work Performed
Cost	
~ \$30,002	Project/Operations Planning, Contract Oversight, Tech. Review
	Project Management, Ops Planning, Geotech Eng.
\$17,778	Environmental Science/Monitoring
\$626	Environmental Science/Monitoring
\$20.485	Alternate Project Manager, Environmental Science, Position will be backfilled or hours reprogrammed to others upon assignment as project manager.
	Contracting Planning and Documentation and Mgt. Support; Note: Position being
\$17,480	
	Task Mgt.Support/Env. Science/Geology Environmental Science/Biology
	Environmental Technical/Inspection, Phragmites Control
	Environmetal Technical
	Environmental Technical/Inspection
	Environmental Technical
	Engineering Planning and Review
	Construction Planning
	Engineering Design Evaulation, Cost Estimates Civit and Dredging Engineering, Surveys. Note: S. Moors until 11/16; position
	being filled
	Engineering Design Evaulation, Cost Estimates
	Engineering Design Evaulation. Cost Estimates
	Construction Engineering
	Field Operations Planning
	Environmental Technical Support
· \$1,861	CAD Drawings, Document Preparation
	CAD Drawings, Document Preparation
\$930	Marina Operations, Construction Inspection
\$0	Engineering Technical Support
\$58,380	Boat/Equipment Operation. Service by various field personnel.
\$242,248	
\$106,831	
\$109,012	
\$458,091	
\$2,778	
\$38,000	
\$7,195	
\$1,900	
\$1,490	
\$335	
	CAD Service Center charges which are not in MES overhead
	Includes charges for staging vehicles on-island
	Includes combination of small crewboat and chartered service
\$60,000	
\$226,270	
	Dredging Engineering Planning and Technical Services
	Engineering/Dredged Matl. Mgt. Planning, Cost Estimates
	Coastal and Civil Engineering Support
	Electrical Lavout Planning and Design
	Aerial Spraying and Burning Services
\$0 \$0	
30	
\$909,037	
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\$1 367 128	

\$1,367,128

TASK 1 - PROJECT PLANNING, TECHNICA			ENENTA					,				
TASK 1 - PROJECT PLANNING, TECHNICA	AL, ENVIRONMENT		EMENTA	IUN SEI				<u> </u>				
Requested Buget Increase for Task	1 through Dece	ember 31, 2	001									
	:	l	l	·								West Desta and
MESL	ABOR	<u> </u>	FY01	Su	btask 1.1	Sut	otask 1.2	SL	ibtask 1.3		K TOTALS	Work Performed
Category	Employee	FY00 Hourty Rate	Hourty	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	
Project 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
Designed Managers		624.24	\$27.71	576	£45.004	80	\$2,217	576	\$15,961	4 000	624.420	Project Management, Ops Planning. Note: K. Wikar thru 10/20/00; S. Storms from 10/20
Project Manager Senior Environmental Scientist	See note at right Cecelia Donovan	\$24.31 \$28.12			\$15,961 \$0		\$2,339		\$15,901	1,232		Environmental Science/Monitoring
Environmental Scientist	Tammy Banta	\$25.06			\$0		\$626		\$0		\$626	Environmental Science/Monitoring
Alt. Project Manager/ Env. Scientist	Steve Storms	\$23.09	\$24.86	288	\$7,160	80	\$1,989	24	\$597	392	\$9,745	Altemate Project Manager, Environmental Science
Project Management Specialist	see note at right	\$0.00	\$23.00	144	\$3,312	40	\$920	432	\$ 9,936	616	\$14 168	Contracting Planning and Documentation and Mgt. Support; Note: Position being filled
Environmental Specialist	Melissa Slatnik	\$14.87			\$3,312		\$615	144	\$2,215			Contract Mgt.Support/Env. Science/Geology
Environmental Specialist	Sue Kelly	\$14.22			\$0		\$390		\$0		\$390	Environmental Science/Biology
Environmental Specialist	Tom Humbles	\$16.23			\$0		\$669		\$0			Environmental Technical/Inspection, Phragmites Control
Environmental Specialist	Erika Kehne	\$11.58			\$0		\$298		\$0			Environmetal Technical
Environmental Specialist Environmental Specialist	Doug Taylor Gwen Neate	\$13.35 \$0.00			\$0 \$0		\$327 \$332		\$0 \$0			Environmental Technical/Inspection
Senior Engineer	William Chicca	\$38.48					\$913		50 50			Engineering Planning and Review
Engineer, Civil	Larry Walsh	\$28.53	\$29.68		\$0	24	\$712		\$0	24	\$712	Construction Planning
Engineer, Civil	David Foster	\$28.29	\$29.42		\$0	16	\$471		\$0	16	\$471	Engineering Design Evaulation, Cost Estimates
Sectorer Chil		640.00	\$21.59	576	\$40.400		\$1,727			656	P44 400	Civil and Dredging Engineering, Surveys, progress/team mtgs, field technical support. Note: S. Moore until 11/16; position being filled
Engineer, Civil Engineer, Civil	see note at right Les Shaw	\$19.30 \$28.53			\$12,436 \$0	80 16	\$1,727	————	\$0 \$0			Engineering Design Evaulation, Cost Estimates
Engineer, Civil	Charles Peng	\$23.13			\$0		\$385		50 \$0			Engineering Design Evaluation, Cost Estimates
Engineer, Construction	Ellis Heath	\$18.61			\$0		\$767		\$0		\$767	Construction Engineering
Operations Field Supervisor	Allen West	\$17.08	\$18.21	0	\$0	40	\$728		\$0	40	\$728	Field Operations Planning
Environmental Dredging Tech	James Tracy	\$13.44	\$15.40		\$0:	120	\$1,848		. \$0	120	\$1.848	Environmental Operations/Inspection Planning. Services may be provided James Tracy or other qualified field personnel in equivalent service.
CAD Technician	Chris Norris	\$20.54			\$0		\$846		\$0		\$846	CAD Drawings, Document Preparation
CAD Technician	Mark Cohoon	16.46	19.96		\$0		\$798		\$0			CAD Drawings, Document Preparation
Marine Operations Specialist	Jeffrey Pitts	\$22.44	\$23.25		<u>\$0</u>		\$930		\$0			Marine Operations, Construction Inspection
Co-op Boat/Equipment Operator	Brian Wolff various	\$10.54 \$15.00	\$10.54 \$15.00		\$0 \$0		\$0 \$600		\$0 \$0	0 40		Engineering Technical Support Boat/Equipment Operation (Contingent Item)
Labor Sub-Total	Valious			1,952	\$52,579		\$24,885	1,464	\$39,376			
							, ,					
Fringe @ 44.1% of labor (FY01 rate)		i i			\$23,187		\$10,974		\$17,365		\$51,526.55	
Overhead @ 45% of labor					\$23,661		\$11,198		\$17,719		\$52,578	
Total Loaded Labor					\$99,427		\$47,058		\$74,460		\$220,945	
DIRECT COST												
Mileage Travel, Lodging, Per Diem	 		0.31	1980	\$614	2000	\$620 \$2,000	1980	\$614		\$1,848 \$2,000	
Supplies and Materials					\$1,350	├───┤	\$2,000		\$1,800		\$2,000	
Printing & Reproduction							\$1,250				\$1,250	
Postage					\$450		\$450		\$360		\$1,260	
Telephone, Communications		<u>├</u> -	¢40.00				A		\$180		\$180 \$576	
MES CAD Burden Rate			\$18.00		\$0	32	\$576		\$0		\$576 \$0	
Boat Service/Rental						┝╍╌╍┨					<u> </u>	
Special Equipment											\$0	
Other											\$0	
Contracted Services (GBA)		<u> </u>			\$143,158		\$25,008		\$18,711	H		Dredging Engineering Planning and Technical Services Engineering/Dredged Matt. Mgt. Planning, Cost Estimates
Contracted Services (Dolinar) Contracted Services (Moffat & Nichol)	<u> </u>	├────┤			\$500 \$0		\$500 \$0		\$1,000 \$0			Coastal Engineering Services
Contracted Services (Wohat & Nichol)						├─── ├	30				50 50	
Contracted Services											\$0	
Contracted Services									· · · · · · · · · · · · · · · · · · ·		\$0	
Total Direct Costs					\$146,072	┝───┤			£22 665	∦	\$202,741	
					3 140,U/2	┝────┤	\$34,004		\$22,665	<u> </u>	ə zuz,/41	
TASK 1 SUBTOTAL (Labor and Direct Cost	-				8745 400				607 (05	╬	\$423,685	
LIASK I SUBTUTAL (Labor and Direct Cost	5]	1	i		\$245,499	└───┤	\$81,062		\$97,125	<u> </u>	₽423,08 3	l
Subtask 1.1: Joint Planning Team Support											_	
Subtask 1.2: Supplemental Planning, Environn	mental, Engineering	, Technical an	id Impleme	entation S	Services							
Subtask 1.3: Planning and Task Management	for MES Task 1	1	1									

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TASK 2 - LONG-TERM MONITORING

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Requested Budget Increase for Task 2 through December 31, 2001

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MES LA		FY00	FY01	Su	btask 2.1	Su	btask 2.2	S	ubtask 2.3	TAS	K TOTALS	Work Performed
		Hourty	Hourty		í			1				
Category	Employee	Rate	Rate	Hours	Cost	Hours	Cost	Haum		II	. .	
			reate	nouis		nours	<u></u>	Hours	Cost	Hours	Cost	
Project Director/Senior Planner	Wayne Young	\$35.61	\$37.04	2	\$74	2	\$74	3	\$111	7	\$259	Project/Operations Planning, Contract Oversight, Tech. Review
				1			·	1				Project Management, Ops Planning, Note: K. Wikar thru 10/20/
Project Manager	see note at right	\$24.31	\$27.71	8	\$222	0	so so	10	\$277	18	\$499	Storms from 10/20
Senior Environmental Scientist	Cecelia Donovan			50	\$1,462	60	\$1,754			120	-	Environmental Science/Monitoring
Environmental Scientist	Tammy Banta	\$25.06	\$26.07	Ϋ́Ι	\$0		\$0	l	\$0	0		Environmental Science/Monitoring
												Alternate Project Manager, Environmental Science. Position will
Alt. Project Manager/ Env. Scientist	Stave Starra			1				ļ				backfilled or hours reprogrammed to others upon assignment a
site intoject menagen Env. Scientist	Steve Storms	\$23.09	\$24.86	40	\$994	40	\$994	0	\$0	80	\$1,989	manager.
Project Management Specialist	see note at right	\$0.00	\$23.00		· •							Contracting Planning and Documentation and Mgt. Support; No
Environmental Specialist	Melissa Slatnik -	\$14.87			\$0 \$923	60	\$0		\$0	0		being filled
Environmental Specialist	Sue Kelly	\$14.22		1	\$923 \$0	00	\$923 \$0	40			\$2,461	Task Mgt.Support/Env. Science/Geology
Environmental Specialist	Tom Humbles	\$16.23			\$134	8	\$0 \$134		\$0	0		Environmental Science/Biology
Environmental Specialist	Enka Kehne	\$11.58		,		0	\$134 \$0		\$0 \$0	16 0		Environmental Technical/Inspection, Phragmites Control
Environmental Specialist	Doug Taylor	\$13.35	\$13.62	8	\$109	8	\$109		\$0 \$0			Environmetal Technical Environmental Technical/Inspection
Environmental Specialist	Gwen Neate	\$0.00	\$13.83	20	\$277	20	\$277		\$0 \$0	40		Environmental Technical
Senior Engineer	William Chicca	\$36.48	\$38.04		\$0	20	\$0		\$0			Engineering Planning and Review
Engineer, Civil	Larry Walsh	\$28.53	\$29.68		\$0		\$0		\$0			Construction Planning
Engineer, Civil	David Foster	\$28.29	\$29.42	(\$0		\$0		\$0	o		Engineering Design Evaulation, Cost Estimates
												Civil and Dredging Engineering, Surveys. Note: S. Moore until 1
Engineer, Civil	see note at right	\$19.30			\$0		· \$0		\$0	0		position being filled
Engineer, Civil	Les Shaw	\$28.53	\$29.68		\$0		\$0		S 0	0		Engineering Design Evaulation, Cost Estimates
Engineer, Civil Engineer, Construction	Charles Peng	\$23.13			\$0		\$0		\$0	0	\$0	Engineering Design Evaulation, Cost Estimates
Operations Field Supervisor	Ellis Heath	\$18.61	\$19.17		\$0		\$0		\$0	0		Construction Engineering
Environmental Dredging Tech	Allen West James Tracy	\$17.08			\$0		\$0		\$0	0		Field Operations Planning
CAD Technician	Chris Nom's	\$13.44 \$20.54	\$15.40		\$0		\$0		\$0	0		Environmental Technical Support
CAD Technician	Mark Cohoon	\$20.54 16.46	\$21.15 19.96	4	\$85	6	\$127		\$0	10		CAD Drawings, Document Preparation
Manne Operations Specialist	Jeffrey Pitts	\$22.44	\$23.25		\$0 \$0		\$0		\$0	0	\$0	CAD Drawings, Document Preparation
Со-ор	Brian Wolff	10.54	10.54		\$0		\$0 \$0		\$0			Marine Operations, Construction Inspection
Boat/Equipment Operator	various	\$15.00	\$15.00	i i	\$0 \$0		\$0 \$0		\$0 \$0			Engineering Technical Support Boat/Equipment Operation
_abor Sub-Total				200	\$4,279	204	\$4,392	63		467	\$9,967	boavequipment Operation
									·	· · · · · · · · ·		
ringe @ 44.1% of labor			1		\$1,886.99		\$1,936.83		\$571.46	<u>г т</u>	\$4,395.27	
Overhead @ 45% of labor					\$1,925		\$1,976		\$583		\$4,485	
Total Loaded Labor					\$8,091		\$8,305		\$2,450		\$18,847	
IRECT COST	T ···											
tileage	1 1											
ravel, Lodging, Per Diem			0.31	300	\$93	300	\$93	75	\$23	I I	\$209	
upplies and Materials		[\$0	
ninting & Reproduction					\$50		\$50		\$20		\$120	
ostage			1		eac.	·					\$0	
elephone, Communications		}			\$25 \$10		\$25		-\$10		\$60	
ES CAD Burden Rate			\$18.00		\$72		\$10		\$10		\$30	
ehicle Service/Rental			\$10.00	-	\$12	6	\$108		\$0		\$180	
oat Service/Rental											\$0 \$0	
pecial Equipment					F				•		\$0 \$0	
ther (e.g. film processing)				1	\$35		\$35		li		30 \$70	
ontracted Services (GBA)	1 1				\$0		\$0		\$0			Dredging Engineering Planning and Technical Services
ontracted Services (Dolinar)					\$0		\$0		\$0		\$0	breaging Engineering Planning and Technical Services
ontracted Services (Moffat & Nichol)					\$0		sol		ŝõ		\$0	
ontracted Services		Í	1				••				\$0	
ontracted Services						i					\$0	
ontracted Services		1									\$0	
Total Direct Costs					\$285		\$321		\$63	┝────╂	\$669	
	••••••••••••••••••••••••••••••••••••••				4203		3321		303	L	9008	
SK 2 SUBTOTAL (Labor and Direct Costs)					\$8,376		to eacl				840 840	
					30,370		\$8,626		\$2,514	,	\$19,516	

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

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ill be as project	
ote: Position	
11/16;	

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

Requested Budget Increase for Task 3 through December 31, 2001

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	LABOR				sk 3.1 (GBA Isk 2.1.2.a)		(GBA Sublask 1.2.b)		sk 3.3 (G84	Subtasi	3.4 (GBA	Subtask 3.5	GBA Subtask			Subtask 3.7 (GBA	Subta	k 3.8 (GBA	Subtas	k 3.9 (GBA	T		
		FY00		1		2	1		isk 2.1.2.c)	Subtas	k 2.1.2.d)	2	1.2.e)			Subtask 2.1.2.g)		sk 2.1.2.h)	Subta	sk 2.1.2.i)	TASK	TOTALS	Work Performed
Contractor :		Hourty				i]		1														Hork Failoning
Category	Employee	Rate	Rate	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Maure			_				I				
oject Director/Senior Planner	14/00-00	1	1. –							110013		Hours	Cost	Hours	Cost H	ours Cost	Hours	Cost	Hours	Cost	Hours	Cost	
ofea bileabiloenior Flaimer	Wayne Young	\$35.61	\$37.04	0	\$0	2	\$74	0	so	2	\$74				-								· ,
oject Manager						}			~	-	***		P \$0	2	\$74	2 5	4 12	\$444	4	\$148	24	\$889	Project/Operations Planning, Contract Oversight, Tech. Review
enior Environmental Scientist	See note at right	\$24.31		0	\$0	8	\$222	0	so	a	\$222								1	!			Project Management, Ops Planning, Note: K. Wikar thru 10/20/00; S. Storms
nvironmental Scientist	Cecelia Donovar			1 1	\$0	1	\$0		sol	Ĭ	\$0		D \$0	2	\$55	2 \$	5 12	\$333		\$333	44		10/20
Solenas	Tammy Banta	\$25.06	\$26.07		\$0		s o		50	1	50		\$0 \$0		\$0		io I	\$0		S 0	0	\$0	Environmental Science/Monitoring
•				l í					~		30		50		\$0		20 O	\$0		SO SO	0	\$0	Environmental Science/Monitoring
It. Project Manager/ Env. Scientist	Steve Storms	\$23.09	\$24,86	1 1	so						1				1				Į –				Alternate Project Manager, Environmental Science. Position will be backfille
minet Management O	1						\$0		\$0		\$0		\$0		S 0		o	\$0		so		\$ 0	hours represent to others upon acciment to emission manager
roject Management Specialist	see note at right	\$0.00		-	S 0		so		so				1 1	1		1		••			1 1		hours reprogrammed to others upon assignment as project manager. Contracting Planning and Documentation and Mgt. Support; Note: Position (
nvironmental Specialist	Melissa Slatnik	\$14.87			SO		so		50		\$0		\$0 \$0 \$0 \$0		S O		ol l	\$0		sol	0	\$0	filed
nvironmental Specialist	Sue Kelly	\$14.22	\$16.27		\$0		so	<u> </u>	50	I	\$0		\$0	- 1	\$0		ol l	\$0	24	\$369	24		Task Mgt.Support/Env. Science/Geology
nvironmental Specialist	Tom Humbles	\$16.23	\$18.72		50			1			\$0 \$0		\$0		\$0		ol	\$0		50		\$0000	Environmental Science/Biology
nvironmental Specialist	Erika Kehne	\$11.58			so		S 0		\$0	I	\$0		50		\$0		o I	50		\$0 \$0 \$0		50	Environmental Technical/Inspection, Phragmites Control
nvironmental Specialist	Doug Taylor	\$13.35			so		\$0	Í	\$0	1	\$0		\$0		\$0		ă I	\$0 \$0		50			Environmental Technical Inspection, Phragmites Control
nvironmental Specialist	Gwen Neate	\$0.00		[SO SO	1	\$0		\$ 0	I	\$0		50		\$0		ol I	\$0		\$0 \$0			
enior Engineer	William Chicca	\$38,48	\$38.04	- F			\$ 0.	1	so	1	sol		so	1	so			S0		50 50		50	Environmental Technical/Inspection
ngineer, Civil	Larry Waish	\$28.53	\$29.68	ļ	so	1	S O		\$0	I	so		50	18	\$609	1	- I I						Environmental Technical
ngineer, Civil	David Foster	\$28.29	\$29.66	1	S O	1	\$0j		\$0.	1	sol		sol		5005		0 24 0	\$913	24	\$913	64		Engineering Planning and Review
		+20.29	əc9.42	1	SO	1	so	1	\$0	I	50 50 50		so		SO			\$0		S 0	0		Construction Planning
ngineer, Civil	see note at right	\$19.30				1	1			1			30		2 0	1 3	9	\$0		S 0	0		Engineering Design Evaulation, Cost Estimates
ngineer, Civil			\$21.59		\$0		\$0	1	so		so		50										Civil and Dredging Engineering, Surveys. Note: S. Moore until 11/16; position
ngineer, Civil	Les Shaw	\$28.53	\$29.68	1	\$0		S O		50		\$0		30		\$0		0 60	\$1,295		\$ 0	60	\$1,295	filled
gineer, Construction	Charles Peng	\$23.13	\$24.06		\$0		sol	1	50	1	30		SO SO		S 0			\$0		\$ 0	0	\$0	Engineering Design Evaulation, Cost Estimates
perations Field Supervisor	Ellis Heath	\$18.61	\$19.17		\$0 \$0	.	S 0	Í	sol		\$0 \$0		\$0		\$0	1		\$0		\$0 \$0	0	\$0	Engineering Design Evaulation, Cost Estimates
nvironmental Dredging Tech	Allen West	\$17.08	\$18,21	1	sol		so	1	50		50		\$ 0		S O	5	이	\$0		\$0	0		Construction Engineering
AD Technician	James Tracy	\$13.44	\$15.40		\$0		so		so	1	\$0		\$0		S 0	5		\$0 \$0		\$ 0	0		Field Operations Planning
AD Technician	Chris Norris	\$20.54	\$21.15	1	sol	1	\$0		30		\$0		\$ 0		\$0	5	이	\$0		S O	0	\$0	Environmental Technical Support
	Mark Cohoon	18.48	19.96		soi		SO		<u>20</u>		so		\$0		\$0	\$	ol I	· \$0		\$0	o	50	CAD Drawings, Document Preparation
arine Operations Specialist	Jeffrey Pitts	\$22.44	\$23.25		sol		SO		\$0		so		S 0		\$0	Ś	ol l	\$0		S 0	0		CAD Drawings, Document Preparation
0-op	Brian Wolff	10.54	10.54	1	sol	í	\$0 \$0	1	\$0	1	\$0 \$0		\$ 0		S 0	l s	ol l	SO		\$0			Marine Operations, Construction Inspection
Dat/Equipment Operator	various	\$15.00	\$15.00		50		50	1	\$0		\$0		S 0		sol	s s	o 1	\$0		\$0			Engineering Technical Support
Ibor Sub-Total				0		10	\$296		\$0		\$0		\$0	ļ	SO	l s		SO		sol		50	
							\$£30{		\$0	10	\$296	0	\$0	20	\$738	4 \$13	0 108	\$2,985	64	\$1,763	216	\$6,207	
inge @ 44.1% of labor																							
renhead @ 45% of labor					\$0.	1	\$130	1	\$0		\$130		\$0		\$326	\$5	71 1	\$1,317	_	e777	,	\$2,737	
		1																					
Total Loaded Labor					<u></u>		\$133		\$0		\$133		sol		\$332	\$5	si I			\$703			
					\$0 \$0		\$133		\$0 \$0		\$133 \$559				\$332 \$1,396	\$5 \$5 \$24		\$1,343		\$777 \$793 \$1,333		\$2,793	
Total Loaded Labor									\$0 \$0				\$0 \$0	_						\$793 \$3,333			
Total Loaded Labor		0.21		<u></u>				<u> </u>	\$0 \$0				\$0 \$0					\$1,343				\$2,793	
Total Loaded Labor		0.31	0.31						<u>so</u> <u>so</u> so				\$0 \$0		\$1,396	\$24	s <u> </u>	\$1,343 \$5,645		\$3,333		\$2,793 \$11,738	
		0.31	0.31					<u></u>	<u>so</u> <u>so</u> <u>so</u>				50 50 50				s <u> </u>	\$1,343				\$2,793 \$11,738	
Total Loaded Labor RECT COST leage avel, Lodging, Per Diem pplies and Materials		0.31	0.31										<u>\$0</u> \$0 \$0		\$1,396	\$24	s <u> </u>	\$1,343 \$5,645		\$3,333 \$70		\$2,793 \$11,738 \$163 \$0	2 trips to Baltimore, 1 site visit by MES task manager
Total Loaded Labor RECT COST leage avel, Lodging, Per Diem pplies and Materials ntling & Reproduction		0.31	0.31						50 50 50				<u></u>		\$1,396	\$24	s <u> </u>	\$1,343 \$5,645		\$3,333 \$70 \$10		\$2,793 \$11,738 \$163 \$0 \$10	2 trips to Baltimore, 1 site visit by MES task manager
Total Loaded Labor RECT COST leage avel, Lodging, Per Diem pplies and Materials nting & Reproduction stage		0.31	0.31						50 50 50				<u>so</u>		\$1,396	\$24	s <u> </u>	\$1,343 \$5,645		\$3,333 \$70 \$10 \$0		\$2,793 \$11,738 \$163 \$0	2 trips to Baltimore, 1 site visit by MES task manager
Total Loaded Labor RECT COST leage ivel, Lodging, Per Diem pplies and Materials nting & Reproduction stage eptone, Communications									50 50 50				50 50 50		\$1,396	\$24	s <u> </u>	\$1,343 \$5,645		\$3,333 \$70 \$10 \$0 \$10		\$2,793 \$11,738 \$163 \$0 \$10	2 trips to Baltimore, 1 site visit by MES task manager
Total Loaded Labor RECT COST eage wel, Lodging, Per Diem opplies and Materials miting & Reproduction stage ephone, Communications S CAD Burden Rate		0.31											50 50 50		\$1,396 \$0	524	5 300	\$1,343 \$5,645		\$3,333 \$70 \$10 \$0 \$10 \$10 \$10 \$10		\$2,793 \$11,738 \$163 \$0 \$10 \$10 \$0	2 trips to Baltimore, 1 site visit by MES task manager
Total Loaded Labor RECT COST eage vel, Lodging, Per Diem oplies and Materials ming & Reproduction stage ephone, Communications S CAD Burden Rate ticle Service/Rental					\$0 \$0		\$559		50 50 50 50				50 50 50 50 50		\$1,396	\$24	5 300	\$1,343 \$5,645		\$3,333 \$70 \$10 \$0 \$10 \$10 \$10 \$10 \$10 \$0		\$2,793 \$11,738 \$163 \$0 \$10 \$10 \$10 \$10 \$10	2 trips to Baltimore, 1 site visit by MES task manager
Total Loaded Labor RECT COST eage vel, Lodging, Per Diem pplies and Materials nting & Reproduction stage ephone, Communications S CAD Burden Rate nick Service/Rental t Service/Rental					\$0 \$0		\$559						50 50 50 50		\$1,396 \$0	524	5 300	\$1,343 \$5,645 \$93		\$3,333 \$70 \$10 \$0 \$10 \$10 \$10 \$10 \$10 \$0		\$2,793 \$11,738 \$163 \$0 \$10 \$10 \$10 \$10 \$10	2 trips to Baltimore, 1 site visit by MES task manager
Total Loaded Labor					\$0 \$0		\$559						50 50 50 50 50		\$1,396 \$0	524	5 300	\$1,343 \$5,645 \$93		\$3,333 \$70 \$10 \$0 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$10		\$2,793 \$11,738 \$163 \$0 \$10 \$10 \$10 \$10 \$10 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	2 trips to Baltimore, 1 site visit by MES task manager
Total Loaded Labor RECT COST eage vel, Lodging, Per Diem oplies and Materials tring & Reproduction stage ephone, Communications S CAD Burden Rate icide Service/Rental t Service/Rental t Service/Rental cial Equipment er					\$0 \$0		\$559						50 50 50 50 50		\$1,396 \$0	524	5 300	\$1,343 \$5,645 \$93		\$3,333 \$70 \$10 \$0 \$10 \$10 \$10 \$0 \$0 \$0 \$0		\$2,793 \$11,738 \$163 \$0 \$10 \$10 \$10 \$10 \$10 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	2 trips to Baltimore, 1 site visit by MES task manager
Total Loaded Labor					\$0 \$0		\$559 50 50		50		\$559 \$0 \$0		50 50 50 50		\$1,396 \$0	524	5 300	\$1,343 \$5,645 \$93		\$3,333 \$70 \$10 \$10 \$10 \$10 \$10 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0		\$2,793 \$11,738 \$163 \$0 \$10 \$10 \$10 \$10 \$10 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	2 trips to Baltimore, 1 site visit by MES task manager
Total Loaded Labor LECT COST sage vel, Lodging, Per Diem oplies and Materials tring & Reproduction tage S CAD Burden Rate icle Service/Rental t Ser					\$0 \$0		\$559		\$0 \$0						\$1,396 \$0	524 5 5 5	5 300	\$1,343 \$5,645 \$93 \$0		\$3,333 \$70 \$10 \$10 \$10 \$10 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0		\$2,793 \$11,738 \$163 \$00 \$100 \$100 \$100 \$100 \$100 \$100 \$100	2 trips to Baltimore, 1 site visit by MES task manager Boat service for 1 site visit by MES task manager
Total Loaded Labor LECT COST age vel, Lodging, Per Diem pplies and Materials tring & Reproduction tage pphone, Communications S CAD Burden Rate ide Service/Rental t Service/Rental t Service/Rental t Service/Rental t Service/Rental tracted Services (GBA, E2Si, Kiezer) tracted Services (Moffat & Nichol)					\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0		\$559 50 50		\$0 \$0 \$0		\$559 \$0 \$0		50 50 50 50 50 55,404 50		\$1,396 \$0 \$0	524 5 5 5 5	300	\$1,343 \$5,645 \$93		\$3,333 \$70 \$10 \$10 \$10 \$10 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0		\$2,793 \$11,738 \$163 \$00 \$100 \$100 \$100 \$100 \$100 \$100 \$100	2 trips to Baltimore, 1 site visit by MES task manager
Total Loaded Labor LECT COST age vel, Lodging, Per Diem pplies and Materials tring & Reproduction tage pphone, Communications S CAD Burden Rate ide Service/Rental t Service/Rental t Service/Rental t Service/Rental t Service/Rental tracted Services (GBA, E2Si, Kiezer) tracted Services (Moffat & Nichol)					\$0 \$0		\$559 50 50		\$0 \$0		\$559 \$0 \$0 \$3,444		\$5,404		\$1,396 \$0 \$0 \$0 \$0 \$0	524 5 5 5 5 5 5	5 300	\$1,343 \$5,645 \$93 \$0 \$39,388		\$3,333 \$70 \$10 \$10 \$10 \$10 \$10 \$10 \$00 \$00 \$00 \$0		\$2,793 \$11,738 \$163 \$0 \$10 \$10 \$10 \$10 \$10 \$10 \$10 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	2 trips to Baltimore, 1 site visit by MES task manager Boat service for 1 site visit by MES task manager Dredging Engineering Planning and Technical Services
Total Loaded Labor RECT COST eage vel, Lodging, Per Diem pplies and Materials nting & Reproduction tage ephone, Communications S CAD Burden Rate nicle Service/Rental ticle Service/Rental ticle Service/Rental tical Equipment er tracted Services (GBA, E2Si, Klezer) tracted Services (Moffat & Nichol) tracted Services tracted Services					\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0		\$559 50 50		\$0 \$0 \$0		\$559 \$0 \$0 \$3,444 \$0		\$5,404 \$0 \$0		\$1,396 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	524 5 5 5 5 5 5	5 300	\$1,343 \$5,645 \$93 \$0 \$39,388 \$0 \$0 \$0 \$0		\$3,333 \$70 \$10 \$10 \$10 \$10 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0		\$2,793 \$11,738 \$163 \$00 \$100 \$100 \$100 \$100 \$100 \$00 \$00 \$0	2 trips to Baltimore, 1 site visit by MES task manager Boat service for 1 site visit by MES task manager Dredging Engineering Planning and Technical Services
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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 2.1.2d - Scheduling Subtask 3.5: GBA Subtask 2.1.2d - Scheduling Subtask 3.6: GBA Subtask 2.1.2d - Design for Underdrain, Pumping System and Dike Raising Subtask 3.6: GBA Subtask 2.1.2d - Design for Underdrain, Pumping System and Dike Raising Subtask 3.6: GBA Subtask 2.1.2d - Design for Underdrain, Pumping System and Dike Raising Subtask 3.6: GBA Subtask 2.1.2g - 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 \$4,003 _\$0

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TASK 4 - WETLAND FIELD DATA (CENAB Item 2.1.4)

Requested Budget Increase for Task 4 through December 31, 2001

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Subtask 4.1: GBA Subtask 2.1.4.a - Geotechnical Sampting 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.c - 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

				Subta	sk 5.1 (GBA	Subta	sk 5.2 (GBA	Subta	sk 5.3 (GBA	Subta	isk 5.4 (GBA	Subta	sk 5.5 (GBA	Subta	nsk 5.6 (GBA			
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Category	Employee	Rate	Rate	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	
Project Director/Senior Planner	Wayne Young	\$35.61	\$37.04		so		\$0		s o		so		\$0	2	\$74	2	\$74	Project/Operations Planni
	Wayne roung	355.01	\$37.04		30		30		30		30		30	2	5/4	2	3/4	Project Management, Ops
	see note at right	\$24.31	\$27.71		so		\$0		so		\$0		so	16	\$443	16		from 10/20
	Cecelia Donovan				\$0		\$0		\$0		\$0		\$0		\$0	0		Environmental Science/M
Environmental Scientist	Tammy Banta	\$25.06	\$26.07		\$0		\$0		\$0		\$0		\$0		\$0	0	\$0	Environmental Science/M Alternate Project Manage
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Alt. Project Manager/ Env. Scientist	Steve Storms	\$23.09	\$24.86		\$0		so		so		\$0		so		\$0	0	\$0	manager.
												1	•					Contracting Planning and
	see note at right	\$0.00	\$23.00	-	\$0		\$0		\$0		\$0		\$0		\$0	0		being filled
	Melissa Slatnik Sue Kelly	\$14.87 \$14.22	\$15.38 \$16.27		\$0 \$0		\$0 \$0		\$0 \$0		\$0 \$0		\$0 \$0	8	\$123 \$0	8		Task Mgt.Support/Env. S Environmental Science/E
	Tom Humbles	\$16.23	\$16.72		\$0		\$0		\$0		\$0 \$0		\$0 \$0		\$0			Environmental Technical
· · · ·	Erika Kehne	\$11.58	\$12.40		so		so		so		\$0		so		SO	0		Environmetal Technical
	Doug Taylor	\$13.35			\$0 \$0		\$0		\$0		so		\$0		\$0	o		Environmental Technical
Environmental Specialist	Gwen Neate	\$0.00	\$13.83		\$0		\$0		S O		\$0		\$0		\$0	Ó		Environmental Technical
_ ~	William Chicca	\$36.48	\$38.04		\$0		\$0		\$0		\$0		\$0		\$0	0	\$0	Engineering Planning an
	Larry Walsh	\$28.53	\$29.68		\$0		\$0		\$0		\$0		\$0		\$0	0		Construction Planning
Engineer, Civii	David Foster	\$28.29	\$29.42		\$0		\$0		\$0		\$0		\$0		\$0	0	\$0	Engineering Design Eval
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	Les Shaw Charles Peng	\$28.53 \$23.13	\$29.68 \$24.06		\$0 \$0	1	\$0 \$0		\$0 \$0	1	\$0 \$0		\$0 \$0		\$0 \$0	0		Engineering Design Eval Engineering Design Eval
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	Allen West	\$17.08	\$18.21		\$0		\$0		\$0 \$0		\$0		\$0		\$0	ő		Field Operations Plannin
	James Tracy	\$13.44	\$15.40		\$0		\$0				\$0		\$0		\$0	i ol		Environmental Technical
CAD Technician	Chris Norris	\$20.54	\$21.15		\$0		\$0		. SO SO		\$0		\$0		\$0	o		CAD Drawings, Docume
CAD Technician	Mark Cohoon	16.46	19.96		\$0		\$0		\$0		\$0		\$0		\$0	0	\$0	CAD Drawings, Docume
	Jeffrey Pitts	\$22.44	\$23.25		\$0		\$0 \$0		\$ 0	1	\$0		\$0		\$0	0		Marine Operations, Cons
	Brian Wolff	10.54	10.54		\$0		\$0		S O		S O		\$0		\$0	0		Engineering Technical Su
Boat/Equipment Operator Labor Sub-Totai	various	\$15.00	\$15.00		<u>\$0</u>		\$0 \$0		<u>\$0</u>		\$0		\$0		\$0		\$0 \$813	
		L	I	0	\$0	0	201	0	\$0	0	\$0	0	\$0	34	\$813	34	\$013	1
Fringe @ 44.1% of labor		T			eni	····· 1	enl		tol	<u> </u>	enl				\$358.62	r7	\$358.62	ו
Overhead @ 45% of labor					\$0 \$0	·	\$0 \$0		\$0 \$0		\$0 \$0		\$0 \$0		\$366		\$356.62	
Totai Loaded Labor					\$0		\$0		\$0		\$0		\$0		\$1,538		\$1,538	
											· · · · · · · · · · · · · · · · · · ·							-
DIRECT CDST				T	T													[
Mileage		0.31			S O		\$0		\$ 0		\$0		\$0	75	\$23		\$23	
Travel, Lodging, Per Diem																	\$0	
Supplies and Materials															\$10		\$10	
Printing & Reproduction						- 1			1								\$0	
Postage					1										\$10		\$10	
Telephone, Communications MES CAD Burden Rate		\$18.00			so		\$ 0		so			-	\$ 0		\$10 \$0		\$10 \$0	
Vehicle Service/Rental		\$10.00			30		20		30		\$ 0		30	ĺ	30		\$0	
Boat Service/Rental	1				1							l	i				30 \$0	
Special Equipment				İ													\$0	
Other		1									-						\$0	
Contracted Services (GBA)	. 1		·	•	S O		\$18,769		\$4,511		\$2,784		\$2,529		\$1,553		• ·	Dredging Engineering Pl
Contracted Services (Dolinar)					\$0		\$0	- 1	\$ 0		\$0		\$0		\$0	·	\$0	
Contracted Services (Moffat & Nichol)					S O		\$0	- 1	\$0		\$0		\$0		\$0		\$0	
Contracted Services		1			I	1											\$0	
Contracted Services			1		•	1	1		1								\$0	
						I											\$0	
Contracted Services	1				1													
Contracted Services Total Direct Costs			-		\$0		\$18,769		\$4,511		\$2,784		\$2,529		\$1,606		\$30,199	
					\$0		\$18,769		\$4,511		\$2,784		\$2,529		\$1,606		\$30,199	

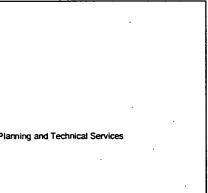
Subtask 5.1: GBA Subtask 2.1.5.a - PSDDF Modeling Plan Subtask 5.2: GBA Subtask 2.1.5.b - PSDDF Modeling Subtask 5.3: GBA Subtask 2.1.5.c - Assessment of Dredged Material Elevations Subtask 5.4: GBA Subtask 2.1.5.d - Phase One Cell Volume and Capacity Tables Subtask 5.5: GBA Subtask 2.1.5.e - Elevations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

1. A. C.

Attachment 2 MES Proposal ED-03-01 October 25, 2000 Page 6

Work Performed
ning, Contract Oversight, Tech. Review ps Planning. Note: K. Wikar thru 10/20/00; S. Storn
Monitoring Monitoring jer, Environmental Science. Position will be grammed to others upon assignment as project
d Documentation and Mgt. Support; Note: Position
Science/Geology Biology al/Inspection, Phragmites Control
al/Inspection al nd Review
aulation, Cost Estimates neering, Surveys. Note: S. Moore until 11/16;
aulation, Cost Estimates aulation, Cost Estimates Ig ng al Support

ent Preparation ent Preparation struction Inspection Support



TASK 6 - PLAN AND DESIGN (CENAB item 2.1.6)

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Requested Budget increase for Task 6 through December 31, 2001

MES LAB	OR			sk 6.1 (GBA ask 2.1.6.a)	1	sk 6.2 (GBA ask 2.1.6.b)		sk 6.3 (GBA ask 2.1.6.c)		i sk 6.4 (GBA ask 2.1.6.d)	TASK	TOTALS	Work Performed
		FY01											WOR FEITUITIEU
Category	Employee	Hourty Rate						_				-	
Galegory	Lapidyee	Kale	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	
Project 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.
Project Manager	see note at right	\$27.71	8	\$222	8	\$222	8	\$222	· 2	\$55	26	\$720	Storms from 10/20
Senior Environmental Scientist	Cecelia Donovan	\$29.24		\$0		\$0	40	\$1,170	_	\$0	40		Environmental Science/Monitoring
Environmental Scientist	Tammy Banta	\$26.07		\$0		\$0		\$0		\$0	0		Environmental Science/Monitoring
-											· ·		Allemate Project Manager, Environmental Science. Position will be
Alt. Project Manager/ Env. Scientist	Steve Sioms	\$24.86											backfilled or hours reprogrammed to others upon assignment as project
The Project Managen Line Scientist	Steve Storms	\$24.00		\$0		\$0	40	\$994	0	\$ 0	40	\$994	manager.
Project Management Specialist	see note at right	\$23.00		· \$0									Contracting Planning and Documentation and Mgt. Support; Note: Position
Environmental Specialist	Melissa Slatnik	\$15.38		\$0 \$0		\$0 \$0	20	\$0 \$308	20	\$0	0		being filled
Environmental Specialist	Sue Kelly	\$16.27	Í	\$0		\$0	20	\$308 \$0	20	\$308	40		Task Mgt.Support/Env. Science/Geology
Environmental Specialist	Tom Humbles	\$16.72		\$0		\$0		\$0		\$0 50	0		Environmental Science/Biology
Environmental Specialist	Erika Kehne	\$12.40		\$0		\$0		. \$0		\$0 \$0			Environmental Technical/Inspection, Phragmites Control Environmetal Technical
Environmental Specialist	Doug Taylor	\$13.62		\$0	1	\$0		ŝo		\$0	0		Environmental Technical/Inspection
Environmental Specialist	Gwen Neate	\$13.83		\$0		\$0	40	\$553		\$0	40		Environmental Technical
Senior Engineer	William Chicca	\$38.04		\$0	- 1	\$0		\$0		so			Engineering Planning and Review
Engineer, Civil	Larry Walsh	\$29.68		\$0		\$0	1	\$0		\$0	l · ol		Construction Planning
Engineer, Civil	David Foster	\$29.42	1	\$0		\$0		\$0		\$0	l ol		Engineering Design Evaulation, Cost Estimates
Engineer, Civil									- 1				Civil and Dredging Engineering, Surveys. Note: S. Moore until 11/16;
Engineer, Civil	see note at right Les Shaw	\$21.59	8	\$173	8	\$173		\$0		\$0	· 16	\$345	position being filled
Engineer, Civil	Charles Peng	\$29.68 \$24.06	1	\$0		\$0		\$0	1	\$0	0	\$0	Engineering Design Evaulation, Cost Estimates
Engineer, Construction	Ellis Heath	\$19.17		\$0 \$0		\$0		\$0		\$0 \$0	0	\$0	Engineering Design Evaulation, Cost Estimates
Operations Field Supervisor	Allen West	\$18.21	1	\$0		\$0 \$0		\$0		\$0	0		Construction Engineering
Environmental Dredging Tech	James Tracy	\$15.40		\$0	1	\$0		\$0 \$0		\$0	0	50	Field Operations Planning
CAD Technician	Chris Norris	\$21.15		\$0		ŝõ		\$0		\$0 \$0		50	Environmental Technical Support CAD Drawings, Document Preparation
CAD Technician	Mark Cohoon	19.96		\$0	1	\$0	Í	\$0		\$0		50	CAD Drawings, Document Preparation CAD Drawings, Document Preparation
Marine Operations Specialist	Jeffrey Pitts	\$23.25	1	\$0		\$0	ŀ	\$0		\$0	ŏ	\$0	Marine Operations, Construction Inspection
Co-op	Brian Wolff	10.54	Í	\$0		\$0	1	\$0		sol	o	\$0	Engineering Technical Support
Boat/Equipment Operator Labor Sub-Total	various	\$15.00		\$0		\$0		\$0		\$0	0	\$0	
			16	\$394	16	\$394	152	\$3,395	23	\$400	207	\$4,584	
Fringe @ 44.1% of labor				\$174	T	\$174	·	\$1,497	T	\$176		\$2,021	
Overhead @ 45% of labor			[\$177		\$177		\$1,528		\$180		\$2,021	
Total Loaded Labor				\$746		\$746		\$6,419		\$757		\$8,667	
DIRECT COST			T										
Mileage		0.31		\$0		\$0	1	\$0		so		\$0	
Travel, Lodging, Per Diem		(1						•		\$0	
Supplies and Materials						1				\$10		\$10	
Printing & Reproduction Postage			[ļ	\$0	
Telephone, Communications						· [\$10	1	\$10	
MES CAD Burden Rate		\$18.00								\$10		\$10	
Vehicle Service/Rental	•	\$10.00		\$ 0	1	\$0		\$0		SO		\$0	
Boat Service/Rental			·	l l		. .						\$0	
Special Equipment								1		1	1	\$0 50	
Other							.			11		\$0	
Contracted Services (GBA)	1			\$0		\$0		so		\$0		\$0 \$0	Dredging Engineering Planning and Technical Services
Contracted Services (Dolinar)		- 1		\$0		\$0		\$0		\$0		\$0	Croosing Engineering Flamming and reclimical Services
Contracted Services (Moffat & Nichol)				\$0		\$0		50		so		ŝõ	
Contracted Services				\$0		\$0		\$0 \$0		ŝõ		\$0	
Contracted Services Contracted Services				\$0		\$0		\$0		\$0		\$0	
Consacted Services	1			\$0		S 0		\$0		\$0		\$0	
Total Direct Costs			—— [-			\$0							
						əu		\$0		\$30		\$30	
TASK 6 SUBTOTAL (Labor and Direct	(Costs)			\$746	<u> </u>								
		· · · · ·				\$746	I	\$6,419		\$787		\$8,697	

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 2.1.8.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)

Reqeusted Budget Increase for Task 7 through December 31, 2001

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MES L	ABOR				sk 7.1 (GBA sk 2.1.7.a)		sk 7.2 (GBA (Sk 2.1.7.b)		sk 7.3 (GBA isk 2.1.7.c)		sk 7.4 (GBA ask 2.1.7.d)	Subtask 7.5 (GBA Subtask 2.1.7.e)		sk 7.6 (GBA ask 7.1.4.1)		sk 7.7 (GBA isk 2.1.7.g)	TASK	TOTALS	Work Performed
		FY00	FY01																
Category	Employee	Hourty Rate	Hourly Rate	Hours	Hours	Cost	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Cost			Hours	Cost	
												nours	CUSI				nours		
roject Director/Senior Planner	Wayne Young	\$35.61	\$37.04		\$0	1	\$0		\$0		\$0	\$0	8	\$296	2	\$74	10		Project/Operations Planning, Contract Oversight, Tech. Review
roject Manager	see note at right	\$24.31	\$27.71																Project Management, Ops Planning. Note: K. Wikar thru 10/20/00; S.
	Cecelia Donovan		\$29.24		\$0 \$0	1	\$0 \$0		\$0 \$0		\$0 \$0	\$0		\$443	4	\$ 111	20		Storms from 10/20
	Tammy Banta	\$25.06			so		\$0 \$0		\$0 \$0		\$0 \$0	\$0 \$0		\$0 \$0		\$0 \$0	0		Environmental Science/Monitoring
					•••		40		4 0		20	30		. 30		20	U		Environmental Science/Monitoring Alternate Project Manager, Environmental Science. Position will be
																			packfilled or hours reprogrammed to others upon assignment as project
It. Project Manager/ Env. Scientist	Steve Storms	\$23.09	\$24.86		\$0		\$0		\$0		\$ 0	\$0		\$0		so	0		nanager.
										1							-		Contracting Planning and Documentation and Mgt. Support; Note: Posit
	see note at right	\$0.00			\$0		\$0		\$0	1	\$0	\$0		\$0	1	\$0	0	\$0 b	peing filled
	Melissa Slatnik	\$14.87	\$15.38		\$0 \$0 \$0 \$0	-	\$0		\$0		\$0	\$0		\$0	16	\$246	16	\$246 T	Fask Mgt.Support/Env. Science/Geology
	Sue Kelly Tom Humbles	\$14.22 \$16.23			\$0		\$0 \$0		\$0		\$0	\$0		\$0	1	\$0	0		Environmental Science/Biology
	Erika Kehne	\$10.23			\$0		\$0		\$0		\$0	\$0	1	\$0		\$0	0		Invironmental Technical/Inspection, Phragmites Control
	Doug Taylor	\$11.36	\$12.40		\$0 \$0		\$0 \$0		\$0 \$0		\$0	\$0	1 I	\$0 \$0 \$0 \$0 \$0 \$0		\$0	0		Invironmetal Technical
	Gwen Neate	\$0.00	\$13.83	1	\$0 \$0		\$0 \$0		\$0 \$0	·	\$0 \$0	\$0 \$0	.	\$0		\$0	0		Environmental Technical/Inspection
	Villiam Chicca	\$38.48	\$38.04		\$0		\$0 \$0		\$0		\$0 \$0	\$0		\$0 \$0		\$0 \$0	0		Environmental Technical Engineering Planning and Review
	arry Walsh	\$28.53	\$29.68		ŝo	1	\$0		\$0		\$0	\$0		\$0		\$0	U O		Construction Planning
ngineer, Civil	David Foster	\$28.29	\$29.42	1	\$0		\$0		\$0	1	\$0	\$0		\$0		ŝo	0		Engineering Design Evaulation, Cost Estimates
							•••	ĺ	**		•••				1	**	J		Civil and Dredging Engineering, Surveys. Note: S. Moore until 11/16;
	see note at right	\$19.30	\$21.59		\$0		\$0		\$0		\$0	\$0	16	\$345		so	16		osition being filled
	es Shaw	\$28.53	\$29.68		\$0		\$0 \$0		\$0		\$0	\$0		\$0		\$0	0		Engineering Design Evaulation, Cost Estimates
	Charles Peng	\$23.13	\$24.06	[\$0		\$0	1	\$0		\$0	\$0 \$0 \$0 \$0		\$0		\$0	0		Engineering Design Evaulation, Cost Estimates
	Ellis Heath Allen West	\$18.81	\$19.17		\$0		\$0		\$0		\$0	\$0		\$0		\$0	0		Construction Engineering
	ames Tracy	\$17.08 \$13.44	\$18.21 \$15.40		\$0		\$0	-	\$0		\$0			\$0		\$0	0		Tield Operations Planning
	Chris Nomis	\$20.54	\$21.15		\$0 \$0	Í	· \$0		\$0		\$0 \$0	\$0		\$0		SO	0		Environmental Technical Support
17	Aark Cohoon	16.46	19.96		sol		\$0 \$0		\$0 \$0		\$0	\$0		\$0		\$0	. 0		CAD Drawings, Document Preparation
	effrey Pitts	\$22.44	\$23.25		\$0		\$0		\$0		\$0 \$0	\$0 \$0		\$0 \$0		\$0 \$0	0		CAD Drawings, Document Preparation Name Operations, Construction Inspection
	Brian Wolff	10.54	10.54	1	\$0		\$0		\$0	Í	\$0	\$0		so		\$0	0		Engineering Technical Support
	arious	\$15.00	\$15.00		\$0		\$0		\$0		so	so		soi		\$0	Ő	so 50	
ibor Sub-Total				0	\$0	0	\$0	0	\$0	0	\$0	0 \$0	40	\$1,085	22	\$431	62	\$1,516	
inge @ 44.1% of labor		0.442	0.441																·
verhead @ 45% of labor	1	0.442	0.441	1	\$0 \$0		\$0 \$0		\$0 \$0		\$0 \$0	\$0 \$0		\$479		\$190		\$669	
Total Loaded Labor					\$0		\$0		\$0		<u>\$0</u>			\$488 \$2,052		\$194 \$815		\$682 \$2,867	
									301				1	\$2,0321		\$015[]		\$2,007	
RECT COST	1	T					I			r	T			1				r i	
leage		0.31	0.31		\$0		\$0		\$0		\$ 0	0		\$0	75	\$23		\$23	
avel, Lodging, Per Diem								1	1							\$0		\$0	
pplies and Materials inting & Reproduction				1												\$0		\$0	
inting a Reproduction		1	1				1		1					ł		\$0		\$0	
lephone, Communications	1				ļ		ļ	1	1		-				Ļ	\$0		\$0	
S CAD Burden Rate		\$18.00	\$18.00		so		so		so		**					SO		\$0	
hicle Service/Rental	1	¥10.00	\$10.00	-	30 J		\$0		\$0		\$0	\$0		\$0	1	\$0		\$0	
at Service/Rental				1					1							\$0		\$0	
ecial Equipment				I			ł				·			ļ		\$0 \$0		\$0 \$0	
her i	1			1	1			· · ·						1	i	sol		\$0 \$0	
ntracted Services (GBA)	ļ	1		l	s o		\$ 0		sol		so	\$0		\$7,600		\$2,138			Dredging Engineering Planning and Technical Services
ntracted Services (Dolinar)				1	\$0		\$0		\$0		\$0 \$0 \$0	\$0		\$0		\$0		so	
ntracted Services (Moffat & Nichol)		1			\$0		\$0		\$0		so	\$0	1	\$0		\$0		\$0	
ntracted Services	1				\$0		\$0		\$0		\$0	\$0		\$ 0		\$0	1	\$0	
ntracted Services ntracted Services		1			\$0	1	\$0		\$0		\$0	\$0		\$0		\$0		\$0	
	1				\$0		\$0		\$0		\$0	\$0		\$0		\$0		\$0	
Total Direct Costs		—			\$0		\$0		\$0		\$0	\$0		\$7,600		\$2,161		\$9,761	

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)

<u>.</u>

Requested Budget Increase for Task 8 throguh December 31, 2001

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1				Subtas	sk 8.1 (GBA	Subtas	sk 8.2 (GBA	Subt	ask 8.3 (GBA			
MES	LABOR				sk 2.1.8.a)		sk 2.1.8.b)		task 2.1.8.c)	TASK	TOTALS	Work Performed
	· · · · · · · · · · · · · · · · · · ·	FY00	FY01									
		Hourty	Hourty		0	Name	Cont	Hours	Cost	Hours	Cost	
Category	Employee	Rate	Rate	Hours	Cost	Hours	Cost	nours	CUSI	nours		
Project Director/Sector Planner	Wavne Young	\$35.61	\$37.04		\$0		\$0	o	\$0	0	\$0	Project/Operations Planning, Contract Oversight, Tech. Review
Project Director/Senior Planner	trayine roung	<u>ان. در</u>	40.100									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	Storms from 10/20
Senior Environmental Scientist	Cecelia Donovan	\$28.12	\$29.24		\$0		\$0		\$0	0	\$0	Environmental Science/Monitoring
Environmental Scientist	Tammy Banta	\$25.06	\$26.07		\$0		\$0		\$0	0	\$0	Environmental Science/Monitoring Alternate Project Manager, Environmental Science. Position will be
1												backfilled or hours reprogrammed to others upon assignment as project
			****		\$0		\$0		\$0	0		manager
Alt. Project Manager/ Env. Scientist	Steve Storms	\$23.09	\$24.86		- 50) ľ	•••	Contracting Planning and Documentation and Mgt. Support; Note: Position
Project Management Specialist	see note at right	\$0.00	\$23.00		\$0	-	\$0		\$0	o		being filled
Environmental Specialist	Melissa Statnik	\$14.87	\$15.38		\$0		\$0	0	\$0	l o	\$0	Task Mgt. Support/Env. Science/Geology
Environmental Specialist	Sue Kelly	\$14.22	\$16.27		\$0		\$0		\$0	0	\$0	Environmental Science/Biology
Environmental Specialist	Tom Humbles	\$16.23	\$16.72		\$0		\$0		\$0	0		Environmental Technical/Inspection, Phragmites Control
Environmental Specialist	Erika Kehne	\$11.58	\$12.40		\$0		\$0	1	\$0	0		Environmetal Technical
Environmental Specialist	Doug Taylor	\$13.35	\$13.62		\$0		\$0		\$0	0	\$0	Environmental Technical/Inspection Environmental Technical
Environmental Specialist	Gwen Neate	\$0.00	\$13.83		\$0		\$0		\$0			Environmental Technical Engineering Planning and Review
Senior Engineer	William Chicca	\$36.48	\$38.04		\$0		\$0 \$0		\$0 \$0			Construction Planning
Engineer, Civil	Larry Walsh	\$28.53	\$29.68		\$0 \$0		\$0		\$0 \$0		SC SC	Engineering Design Evaulation, Cost Estimates
Engineer, Civil	David Foster	\$28.29	\$29.42] ~~	1	, "	Ŭ		Civil and Dredging Engineering, Surveys. Note: S. Moore until 11/16;
Facineer Civil	see note at right	\$19.30	\$21.59		\$0		so		so	0		position being filled
Engineer, Civil Engineer, Civil	Les Shaw	\$28.53	\$29.68		\$0		\$0		\$0 \$0	0	\$0	Engineering Design Evaulation, Cost Estimates
Engineer, Civil	Charles Peng	\$23.13	\$24.06		\$0		\$0		\$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 Drawings, Document Preparation
CAD Technician	Chris Norris	\$20.54	\$21.15		\$0		\$0		\$0	0		CAD Drawings, Document Preparation
CAD Technician	Mark Cohoon	16.46	19.96		\$0		\$0 \$0		\$0			Marine Operations, Construction Inspection
Marine Operations Specialist	Jeffrey Pitts	\$22.44	\$23.25		\$0 \$0		50 50		\$0 \$0			Engineering Technical Support
Со-ор	Brian Wolff	10.54 \$15.00	10.54 \$15.00		50		30	1		ľ		
Boat/Equipment Operator	various	315.00	313.00	0	\$0	0	50		50	0	\$C	
	1			·	·				<u> </u>			
Fringe @ 44.1% of labor	· · · · · · · · · · · · · · · · · · ·	0.442	0.441	r		·	\$0		\$0		\$0	
Overhead @ 45% of labor		0.45	0.45		\$0 \$0		\$0		\$0 \$0		\$0	
Total Loaded Labor					\$0		\$0		\$0		<u>s</u> c	
DIRECT COST	T											
Mileage		0.31	0.31	'	\$0	i i	\$0	oj c	\$0		SC SC	
Travel, Lodging, Per Diem											SC SC	
Supplies and Materials									\$0	il i	\$4 \$4	
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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

Attachment 2 MES Proposal ED-03-01 October 25, 2000 Page 9

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

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Requested Budget Increase for Task 9 through December 31, 2001

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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

Attachment 2 MES Proposal ED-03-01 October 25, 2000 Page 10

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

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Reqeusted Budget Increase for Task 10 through December 31, 2001

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Total Country Labor					\$0		S 0		\$0	\$0		50		50	<u> </u>	- so		50			-		<u> </u>	\$0 \$0	
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phone, Communications			1		\$0		\$0		so	\$0		\$0		\$0 \$0		\$0		\$0		\$0	2	\$ 0		\$0	
CAD Burden Rate					\$0	1	\$0		sol	so		\$0 \$0		\$0 \$0		\$0		\$0	1	\$0		\$0		\$0	
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acted Services (Oolinar)		1		1	\$0	ł	\$0	- I -	- so	so		\$0	1	\$0		so		so				-	1	50	
	n	1			\$0	ł	\$0		\$0	\$0		so		\$0		\$0 \$0		\$0 \$0	1	\$C \$C	(I	\$0	1		Dredging Engineering Planning and Technical Services
	"			1	\$0		\$0		\$0	so		sõi		sol		ŝ				SC 50		\$0		\$0	
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cted Services (Moffat & Nichol cted Services (consultant) cted Services (consultant)					\$0		\$0		\$0	\$0		\$0		\$ 0				50		so		50		\$0	j
ted Services (Moffat & Nichol ted Services (consultant) ted Services (consultant) ted Services	met Coste)				SO				\$0	\$0		\$0		\$0		\$0		\$0		\$C		\$0			j

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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 2.2.8 - Navigation Aids Subtask 10.6: CENAB Item 2.2.7 - Fuel Supply Subtask 10.6: 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

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TASK 11 - DESIGN CRUST MANAGEMENT PLAN AND OPERATIONS PLANNING

Requested Budget Increase for Task 11 through December 31, 2001

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MES	LABOR			Sub	task 11.1	Sub	task 11.2	1	Vacant	TAS	K TOTALS	Work Performed
	<u> </u>	FY00	FY01									
		Hourty	Hourly									
Category	Employee	Rate	Rate	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	
											E4 492	Project/Operations Planning, Contract Oversight, Tech. Review
Project Director/Senior Planner	Wayne Young	\$35.61	\$37.04	0	\$0	40	\$1,482		\$0	40	\$1,482	
												Project Management, Ops Planning. Note: K. Wikar thru 10/20/00; S.
Project Manager	see note at right	\$24.31	\$27.71	0	\$0	8	\$222		\$0	8	•	Storms from 10/20
Senior Environmental Scientist	Cecelia Donovan				\$0	8	\$234		\$0	8		Environmental Science/Monitoring
Environmental Scientist	Tammy Banta	\$25.06	\$26.07		\$0		\$0		\$0	0	30	Environmental Science/Monitoring Alternate Project Manager, Environmental Science. Position will be
										l		backfilled or hours reprogrammed to others upon assignment as project
Alt. Project Manager/ Env. Scientist	Steve Storms	\$23.09	\$24.86		\$0	16	\$398		\$0	16	\$398	manager.
All The Children agen Line. Scientist	Dieve Dionita	44 0.03	924.00			10						Contracting Planning and Documentation and Mgt. Support; Note: Position
Project Management Specialist	see note at right	\$0.00	\$23.00		\$0		\$0		· \$0	0	\$0	being filled
Environmental Specialist	Melissa Slatnik	\$14.87	\$15.38		\$0		\$0		\$0	0		Task Mgt.Support/Env. Science/Geology
Environmental Specialist	Sue Kelly	\$14.22	\$16.27		\$0		\$0		\$0	0		Environmental Science/Biology
Environmental Specialist	Tom Humbles	\$16.23	\$16.72		S O		\$0 \$0		\$0	0	\$0	Environmental Technical/Inspection, Phragmites Control
Environmental Specialist	Enka Kehne	\$11.58	\$12.40		\$0		\$0		\$0	0		Environmetal Technical
Environmental Specialist	Doug Taylor	\$13.35			\$0		\$0		\$0	0		Environmental Technical/Inspection
Environmental Specialist	Gwen Neate	\$0.00			\$0		\$0		\$0	0		Environmental Technical
Senior Engineer	William Chicca	\$36.48	\$38.04		\$0		\$0		\$0	0		Engineering Planning and Review
Engineer, Civil	Larry Walsh	\$28.53			\$0		\$0		\$0 \$0			Construction Planning Engineering Design Evaulation, Cost Estimates
Engineer, Civil	David Foster	\$28.29	\$29.42		\$0		\$0		3 0	l v	50	Civil and Dredging Engineering, Surveys. Note: S. Moore until 11/16;
Engineer, Civil	see note at right	\$19.30	\$21.59	0	\$0	24	\$518		\$0	24		position being filled
Engineer, Civil	Les Shaw	\$28.53	\$29.68	۲ ا	\$0 \$0	24	\$0		\$0			Engineering Design Evaulation, Cost Estimates
Engineer, Civil	Charles Peno	\$23.13			\$0		sõ		\$0	l o		Engineering Design Evaulation, Cost Estimates
Engineer, Construction	Ellis Heath	\$18.61	\$19.17		\$0		\$0		so so	ll o		Construction Engineering
Operations Field Supervisor	Allen West	\$17.08			\$0	8	\$146		\$0	8		Field Operations Planning
Environmental Dredging Tech	James Tracy	\$13.44	\$15.40		\$0 \$0	8	• • • • •		\$0 \$0 \$0	8		Environmental Technical Support
CAD Technician	Chris Norris	\$20.54	\$21.15		\$0		\$0		\$0	0		CAD Drawings, Document Preparation
CAD Technician	Mark Cohoon	16.46	19.96		\$0		\$0		\$0 \$0	0		CAD Drawings, Document Preparation
Marine Operations Specialist	Jeffrey Pitts	\$22.44	\$23.25		\$0		\$0		\$0	0	•	Marine Operations, Construction Inspection
Со-ор	Brian Wolff	10.54	10.54		\$0		\$0		\$0			Engineering Technical Support Boat/Equipment Operations
Boat/Equipment Operator	various	\$15.00	\$15.00	0	\$0 \$0	112	\$0	0	\$0 \$0			
Labor Sub-Total	ll			<u> </u>	301	112	3 3,124					1
Finge @ 44.1% of labor	······	0.442	0.441	<u> </u>	e01		\$1,377		50		\$1,377	ו
Overhead @ 45% of labor		0.442	0.441		\$0 \$0		\$1,405		\$0 \$0		\$1,405	
Total Loaded Labor		0.45	0.40		\$0		\$5,904		\$0		\$5,904	
	· · _ · _ · _ · _ ·	A								u	•	-
DIRECT COST		1		1							1	
Mileage		0.31	0.31	o	\$0	225	\$70		\$0		\$70	
Travel, Lodging, Per Diem											\$0	
Supplies and Materials					\$0		\$10				\$10	
Printing & Reproduction							\$25			_	\$25	
Postage					\$0		\$10				\$10	
Telephone, Communications					\$0		\$10				\$10	
MES CAD Burden Rate		\$18.00	\$18.00		\$0		\$0		\$0		\$0	
Vehicle Service/Rental											\$0 \$0	
Boat Service/Rental											50	
Special Equipment		[S0	
Contracted Services (GBA)					so		\$0		50	11		Dredging Engineering Planning and Technical Services
Contracted Services (ODA)		1			so		\$1,500		\$0 \$0		\$1,500	Crust Management and Operations Planning Analytical Support
Contracted Services (Moffat & Nichol)					\$0		\$0		\$0		\$0	
Contracted Services											\$0	
Contracted Services											\$0	
Contracted Services											\$0	
Real Direct Court	 						A1 A5-		\$0	∦	\$1,625	· · · · · · · · · · · · · · · · · · ·
Total Direct Costs		1		L	\$0		\$1,625		1 \$ U	Щ		
TASK 11 SUBTOTAL (Labor and Dir	ect Coste)				\$0		\$7,528		\$0	II	\$7,528	n
Liner in over othe (Labor and Dir	000000						₹1, 3 20	L				-

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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)

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Requested Budget Increase for Task 12 through December 31, 2001

MES	LABOR				otask 12.1 NAB 3.1.1)		m 3.1.2)		12.3 (CENAB m 3.1.3.)		k 12.4 (CENAB EM 3.1.4)		ask 12.5 (no AB Number)	TASK	TOTALS	Work Perfo
		FY00 Hourty	FY01 Hourty													
Category	Employee	Rate	Rate	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	4
Project Director/Senior Planner	Wayne Young	\$35.61	\$37.04		· \$ 0		\$0		\$0		\$0	0	\$0	0	S	Project/Operations Planning, Contract
Project Manager	see note at right	\$24.31	\$27.71		\$0		· \$0		\$0		\$0		\$0	0	i s	Project Management, Ops Planning. N Storms from 10/20
Senior Environmental Scientist	Cecelia Donovan	\$28.12		Į	\$0		\$0		\$ 0		so		\$0	o		DEnvironmental Science/Monitoring
Environmental Scientist	Tammy Banta	\$25.06	\$26.07		\$0		\$ 0		\$0		\$0		\$ 0	0	S	Environmental Science/Monitoring Alternate Project Manager, Environme backfilled or hours reprogrammed to o
Alt. Project Manager/ Env. Scientist	Steve Storms	\$23.09	\$24.86	0	\$0		\$ 0	o	\$0	. 0	\$0	0	SO	0	s	D project manager. Contracting Planning and Documental
Project Management Specialist	see note at right	\$0.00	\$23.00		\$0		\$ 0		\$ 0		\$0		\$0	0	\$	Position being filled
Environmental Specialist	Melissa Slatnik	\$14.87			\$0		\$0		\$0		\$0	0	\$0	0		0 Task Mgt.Support/Env. Science/Geok
Environmental Specialist	Sue Kelly	\$14.22		1	\$0		\$0		\$0		\$0		\$0	0		0 Environmental Science/Biology
Environmental Specialist Environmental Specialist	Tom Humbles Erika Kehne	\$16.23		0	\$0	0	\$0	0	\$0	0	\$0		\$0			0 Environmental Technical/Inspection, F 0 Environmetal Technical
Environmental Specialist	Doug Taylor	\$11.58 \$13.35			\$0		\$0		\$0 50		\$0		\$0 50			0 Environmetal Technical/Inspection
Environmental Specialist	Gwen Neate	\$0.00		1	\$0 \$0		\$U \$0		\$0 \$0		\$0 \$0		\$0 \$0	0		0 Environmental Technical Inspection
Senior Engineer	William Chicca	\$36.48			\$0		\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0		\$0		\$0		\$0	õ		0 Engineering Planning and Review
Engineer, Civil	Larry Walsh	\$28.53	\$29.68		\$0		\$0		\$0		\$0	1	\$ 0	0	S	0 Construction Planning
Engineer, Civil	David Foster	\$28.29	\$29.42		\$0		\$0		\$0		\$0		\$0	0	S	Engineering Design Evaulation, Cost
Facilities Civil																Civil and Dredging Engineering, Surve
Engineer, Civil Engineer, Civil	see note at right Les Shaw	\$19.30			\$0		\$0 \$0 \$0		\$0		\$0		\$0	0		0 position being filled
Engineer, Civil	Charles Peng	\$28.53 \$23.13	\$29.68 \$24.06		\$0 \$0		\$U \$0		\$0 \$0		\$0 \$0		\$0 \$0			0 Engineering Design Evaulation, Cost 0 Engineering Design Evaulation, Cost
Engineer, Construction	Ellis Heath	\$18.61	\$19.17		\$0 \$0		50 50		\$0 \$0		\$0 \$0		\$0			0 Construction Engineering
Operations Field Supervisor	Allen West	\$17.08		•	\$0		\$0 \$0 \$0		\$0		50 \$0		\$0	Ö		0 Field Operations Planning
Environmental Dredging Tech	James Tracy	\$13.44	\$15.40		\$0		\$0		\$0		\$0 \$0		\$0	0		0 Environmental Technical Support
CAD Technician	Chris Norris	\$20.54	\$21.15		\$0 \$0 \$0		· \$0		\$0		\$0		\$0	0		0 CAD Drawings, Document Preparatio
CAD Technician	Mark Cohoon	16.46	19.96		\$0		\$0		\$0		\$0		\$0	0		0 CAD Drawings, Document Preparatio
Marine Operations Specialist Co-op	Jeffrey Pitts Brian Wolff	\$22.44	\$23.25		\$0		\$0		\$0		\$0		\$0	0		0 Marine Operations, Construction Insp 0 Engineering Technical Support
Boat/Equipment Operator	various	10.54 \$15.00	10.54 \$15.00		\$0 \$0		\$0 \$0 \$0 \$0 \$0		\$0 \$0		\$0 \$0		\$0 \$0	l u		0 Engineering Technical Support
Labor Sub-Total		310.00	313.00	0		- 0		0	\$0 \$0					0		0
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Fringe @ 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	0.45		\$0 \$0		\$0 \$0		\$0 \$0		\$0		\$0	h	3	0
	<u> </u>			I		I								I	1	5
DIRECT COST	1 1							·						1		
Mileage	{	0.31	0.31	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0			0
Travel, Lodging, Per Diem Supplies and Materials									to							0
Printing & Reproduction		1			\$0 \$0		\$0		\$0		\$0					0
Postage				1	30						\$0					õ
Telephone, Communications	[[1	1	so		\$0		\$ 0		- s o					o
MES CAD Burden Rate		\$18.00	\$18.00		\$0		\$0		\$0		\$0		\$0			0
Vehicle Service/Rental		·					Ĩ								\$	io i
Boat Service/Rental	j i	\$0		0	\$0	0	\$0		\$ 0		· \$0					0
Special Equipment								1								0
Other Contracted Services (GBA)					أم				<u></u>					1		0 Directoine Engineering Rispaine and 1
Contracted Services (GBA) Contracted Services (Dolinar)	i (\$0 \$0		\$0		\$0 \$0		\$0 \$0		\$0 \$0			0 Dredging Engineering Planning and 1
Contracted Services (Moffat & Nichol)					\$0 \$0		\$0 \$0		\$0 \$0		50 50		\$0 \$0	1		
Contracted Services (consultant)							30		3 0		J 30		~			õ
Contracted Services (aerial spray & burr	n)				Í				\$0							0 1 contingent area wide event
Contracted Services													.			50
Total Dire - Conta	<u>├</u>													ļ		50
Total Direct Costs					\$0		\$0		\$0		\$0		\$0	1	1	<u>:0</u>
TASK 12 SUBTOTAL (Labor and Direc	ct Costs)				ent	······		T					\$0		<u></u>	0
Labor and Direc	u cosisj		·····		\$0		\$0		\$0		\$0	I	\$0	L	<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

Attachment 2 MES Proposal ED-03-01 October 25, 2000 Page 13

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ract Oversight, Tech. Review 1g. Note: K. Wikar thru 10/20/00; S.

mental Science. Position will be to others upon assignment as

ntation and Mgt. Support; Note:

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n, Phragmites Control

ost Estimates urveys. Note: S. Moore until 11/16;

ost Estimates ost Estimates

ation ation nspection

ind Technical Services

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

Requested Budget Increase for Task 13 through December 31, 2001

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Í					Subta	sk 13.1 <i>(</i> GBA	Subta	sk 13.2 (GBA	Subb	ak 42 a (004			1		
Ļ		LABOR				task 3.2.1)		task 3.2.2}		sk 13.3 (GBA btask 3.2.3)		ik 13.4 (CENAB m Number)			
			FY00	FY01	1	1		103h 0.2.2/	301	1/////////////////////////////////////		Timumper)	TASK	TOTALS	Work Performed
	Catagori		Hourty			Í :									
H	Category	Employee	Rate	Rate	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	
F	Project Director/Senior Planner	Wayne Young	\$35.6	1 \$37.04	1	-	1		ļ						1
		, including		357.04		\$0		\$0		\$0	2	\$74	2	\$74	Project/Operations Planning, Contract Oversight, Tech. Revie
	Project Manager	see note at right	\$24.3	1 \$27.71	{	\$0		\$0	9	\$222					Project Management, Ops Planning. Note: K. Wikar thru 10/2
	Senior Environmental Scientist	Cecelia Donovar	າ \$28.1:	2 \$29.24	1	\$0		\$0	ľ	\$222	40	\$222 \$1,170	16 40		Storms from 10/20
le le	Environmental Scientist	Tammy Banta	\$25.0	5 \$26.07		\$0		\$0		so		\$1,170	40		Environmental Science/Monitoring Environmental Science/Monitoring
			1							•••			, v	20	Aitemate Project Manager, Environmental Science. Position v
	Nt. Project Manager/ Env. Scientist														backfilled or hours reprogrammed to others upon assignment
ľ	in Project Manager Env. Scientist	Steve Storms	\$23.09	9 \$24.86		\$0		\$0		\$0	16	\$398	16	\$398	manager.
F	Project Management Specialist	see note at right	60.00							•				••••	Contracting Planning and Documentation and Mgt. Support; N
	invironmental Specialist	Melissa Slatnik	\$0.00 \$14.87			\$0		\$0		\$0		\$0	0	\$0	being filled
	invironmental Specialist	Sue Kelly	\$14.22			\$0		\$0	8	\$123	40	\$615	48	\$738	Task Mgt.Support/Env. Science/Geology
	nvironmental Specialist	Tom Humbles	\$16.23			\$0 \$0		\$0		\$0		\$0	0		Environmental Science/Biology
ie le	nvironmental Specialist	Erika Kehne	\$11.58			\$0		\$0 \$0		\$0		\$0	0		Environmental Technical/Inspection, Phragmites Control
E	nvironmental Specialist	Doug Taylor	\$13.35			\$0		\$0 \$0		\$0 50		\$0	0		Environmetal Technical
	nvironmental Specialist	Gwen Neate	\$0.00			\$0	[\$0		\$0 \$0	48	\$0	0		Environmental Technical/Inspection
	enior Engineer	William Chicca	\$36.48	\$38.04		\$0		\$0		\$0	40	\$664 \$0	48 0	-	Environmental Technical
	ngineer, Civil	Larry Walsh	\$28.53			\$0		\$0		\$0		\$0 \$0			Engineering Planning and Review Construction Planning
	ngineer, Civil	David Foster	\$28.29	\$29.42		\$0		\$0		\$0		\$0	ŏ		Engineering Design Evaulation, Cost Estimates
le.	ngineer, Civil								1			••	•	~ ~	Civil and Dredging Engineering, Surveys. Note: S. Moore unti
	ngineer, Civil	see note at right Les Shaw	\$19.30			\$0		\$0		\$0		\$0	o	\$0	position being filled
	ngineer, Civil	Charles Peng	\$28.53 \$23.13			\$0		\$0		\$0		\$0	0		Engineering Design Evaulation, Cost Estimates
	ngineer, Construction	Ellis Heath	\$18.61			\$0	1	\$0		\$0		\$0	0	\$0	Engineering Design Evaulation, Cost Estimates
0	perations Field Supervisor	Allen West	\$17.08		- 1	\$0 50	1	S O		50		\$0	0	\$0	Construction Engineering
Er	nvironmental Dredging Tech	James Tracy	\$13.44	\$15.40		\$0 \$0		\$0 50		\$0 \$0		\$0	0		Field Operations Planning
	AD Technician	Chris Noms	\$20.54			\$0 \$0 \$0		\$0 \$0		50		\$0	0	\$0	Environmental Technical Support
	AD Technician	Mark Cohoon	16.46	19.96		so	- 1	\$0		\$0 \$0	16	\$338	16	\$338	CAD Drawings, Document Preparation
	arine Operations Specialist	Jeffrey Pitts	\$22.44	\$23.25	1	\$0		\$0		\$0 \$0		\$0 \$0	ů l		CAD Drawings, Document Preparation
		Brian Wolff	10.54	10.54		\$0		\$0	1	\$0		\$0	ő		Marine Operations, Construction Inspection Engineering Technical Support
	bat/Equipment Operator	various	\$15.00	\$15.00		\$0		\$0		\$0	.	sol	Ĭ	30	Engineering recinical Support
عين		·····			0	\$0	0	\$0	16	\$345	170	\$3,481	186	\$3,825	
6.														·	
	inge @ 44.1% of labor		0.442	0.441		\$0		\$0	T	\$152	1	\$1,535		\$1,687	
P	remead @ 45% of labor Total Loaded Labor		0.45	0.45		\$0		\$0		\$155		\$1,566	F	\$1,721	
L	Total Loaded Labor					\$0		\$0		\$652		\$6,582		\$7,234	
	RECT COST										1	11			
	avel, Lodging, Per Diem		0.31	0.31		\$0		\$0		so	150	\$47		\$47	
	pplies and Materials	Í	ļ		i	ļ	1				- 1			\$0	
	nting & Reproduction									\$10		- \$25		\$35	
	stage		İ	1								\$100		\$100	
	ephone, Communications									\$10		\$25		\$35	
ME	S CAD Burden Rate	1	\$18.00	\$18.00		\$ 0				\$10		\$10		\$20	
	hicle Service/Rental		•10.00			201		\$0		\$0	16	\$288	1	\$288	
	at Service/Rental		1							1	f			\$0	
	ecial Equipment				[1		·			\$0	
Oth		1	ļ									11		\$0 50	
	ntracted Services (GBA)					\$5,229	1	\$18,055		\$1,532		so			Dredging Engineering Planning and Technical Services
	ntracted Services (Dolinar) ntracted Services (Moffat & Nichol)	ļ				\$0		\$0	1	\$0	. [\$0		\$24,810	crooging Engineering Flamming and recimical Services
	ntracted Services (Monat & Nichol)					\$0		\$0		\$0		sol		\$0	
	tracted Services	1				1	í	ł	1		· [\$0	
	tracted Services					[[]	1	\$0	
					[1		1		1		ll		\$0	
	Total Direct Costs					\$5,229		\$18,055							
					*			010,0001	I .	\$1,562		\$49 5	I	\$25,341	
TAS	K 13 SUBTOTAL (Labor and Direc	t Costs)				\$5,229		\$18,055		e0.04.4					
	task 13 1: CBA Subtask 3.0.4. Ver-							410,055		\$2,214		\$7,076	I <u>.</u>	\$32,574	

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

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Attachment 2 MES Proposal ED-03-01 October 25, 2000 Page 14

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until 11/16;

TASK 14 - VEGETATIVE PLANNING (CENAB Item 3.3)

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Reqeusted Budget Increase for Task 14 through December 31, 2001

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CategoryFY00 Hourly RateFY01 Hourly RateFY01 Hourly RateFY01 Hourly Hourly RateFY01 Hourly Hourly RateFY01 Hourly Hourly Hourly RateFY01 Hourly Hourly Hourly RateFY01 Hourly Hourly Hourly RateFY01 Hourly Hourly Hourly RateFY01 Hourly Hourly Hourly RateFY01 Hourly Hourly Hourly RateFY01 Hourly Hourly Hourly RateFY01 Hourly Hourly Hourly RateFY01 Hourly Hourly Hourly RateFY01 Hourly Hourly Hourly CostHourly Hourly Hourly CostHourly Hourly Hourly CostHourly Hourly Hourly CostHourly Hourly HourlyFY01 Hourly CostHourly Hourly Hourly CostHourly Hourly HourlyFY01 Hourly Hourly HourlyHourly Hourly CostHourly Hourly HourlyFY01 Hourly CostHourly Hourly HourlyFY01 Hourly CostHourly Hourly HourlyFY01 Hourly CostHourly Hourly Cost <th>MES</th> <th></th> <th></th> <th></th> <th></th> <th>sk 14.1 (GBA</th> <th></th> <th>ik 14.2 (GBA</th> <th></th> <th>ask 14.3 (GBA</th> <th></th> <th>lask 14.4 (no</th> <th></th> <th></th> <th></th>	MES					sk 14.1 (GBA		ik 14.2 (GBA		ask 14.3 (GBA		lask 14.4 (no			
CHASCY Employee Paral Cent Hours Cent Hours Cent Hours Cent Presch Dimonstromer Sci 10 Sci 10 <th></th> <th></th> <th>FY00</th> <th>FY01</th> <th>500</th> <th>ask 3.3.1/</th> <th></th> <th>(ask 3.<u>3.2)</u></th> <th>501</th> <th><u> (ask 3.3.3)</u></th> <th>CENAL</th> <th>s item Number)</th> <th>TASP</th> <th>TOTALS</th> <th>Work Performed</th>			FY00	FY01	500	ask 3.3.1/		(ask 3. <u>3.2)</u>	501	<u> (ask 3.3.3)</u>	CENAL	s item Number)	TASP	TOTALS	Work Performed
Project Diaset/General Planner, Project Diaset/General Planner, Serie Convertigent, General Construction, Convertigent, General Construction, Convertigent, General Construction, Convertigent, General Construction, Convertigent, General Construction, Convertigent, General Construction, Convertigent, C	0														
Operation Constraint Constrai	Category	Employee	Rate	Rate	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	-
Depart Manager Market Manager Market Manager Market Manager Market Manager Market Marke	Project Director/Senior Planner	Wayne Young	\$35.61	\$37.04	1	\$37	1	\$37	2	\$74	2	\$74	6	\$222	Project/Operations Planning Contract Querright Tech
Construction Construction<						•=-			-		` `	3/4	l °	9222	
Euronmental Scanstal I Tammy Barria Escont I									4						Storms from 10/20
AP. Note: Manager En: Solents: Link, Starts Link, Starts Link, Starts Link, Starts Starts<						+	10		1	+					
AL: Paget Manager Env. Scients Steve Stams S22.00 S24.00 S20.00 S24.00 S0 S00 S00 <td></td> <td>ranny bana</td> <td>923.00</td> <td>\$20.07</td> <td></td> <td></td> <td></td> <td>20</td> <td></td> <td>50</td> <td></td> <td>\$0</td> <td>0</td> <td>\$0</td> <td></td>		ranny bana	923.00	\$20.07				20		50		\$0	0	\$0	
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Penet Management Specialis en ou at op: 100 000 000 000 000 000 000 000 000 00	Alt. Project Manager/ Env. Scientist	Steve Storms	\$23.09	\$24.86	4	\$99	4	\$99	12	\$298	4	\$99	24	\$597	
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Engline Production Compared: Cold Engineer: Cold Enginer: Cold Engineer: Cold Engineer: Cold Engineer: Cold Engineer:						\$0		\$0		so		· so	0	\$0	
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Mileage 0.31															
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eleptione, Communications \$18.00 \$18.00 \$0 \$10 \$10 \$10 \$20 LES CAD Burden Rate \$18.00 \$18.00 \$0 \$0 \$0 \$0 lehicle Service/Rental pecial Equipment \$0 \$0 \$0 \$0 \$0 outracted Services (GBA, E2CR, ZNidarcic) \$0 \$0 \$4.377 \$5.206 \$2.318 \$11.901 ontracted Services (Dolinar) \$0 \$0 \$0 \$0 \$0 \$0 ontracted Services (Moffat & Nichol) \$0 \$0 \$0 \$0 \$0 \$0 ontracted Services (Moffat & Nichol) \$0 \$0 \$0 \$0 \$0 \$0 ontracted Services (Moffat & Nichol) \$0 \$0 \$0 \$0 \$0 \$0 ontracted Services \$0 \$0 \$0 \$0 \$0 \$0 \$0 ontracted Services \$0 \$0 \$0 \$0 \$0 \$0 \$0 ontracted Services \$0 \$0 \$0 \$0 \$0 \$0 \$0 Total Direct Costs <td></td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>ļ</td> <td>1</td> <td>\$10</td> <td></td> <td>4100</td> <td></td> <td></td> <td></td>		1						ļ	1	\$10		4100			
LES CAD Burden Nate \$18.00 \$18.00 \$18.00 \$00			.												
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contracted Services (GBA, E2CR, ZNidarcic) \$0 \$4,377 \$5,206 \$2,318 \$11,901 Dredging Engineering Planning and Technical Services contracted Services (Moffat & Nichol) \$0		Í				1	1								
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Total Direct Costs \$0 \$4,377 \$5,249 \$2,501 \$12,128									f		ľ	1			
34, 377 33,249 32,301 312,128														\$0	
	Total Direct Costs	<u> </u>				\$0		\$4,377		\$5,249		\$2,501		\$12,128	
\$916 \$5,398 \$8,141 \$4,330 \$18,785															-

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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

Attachment 2 MES Proposal ED-03-01 October 25, 2000 Page 15

ch. Review thru 10/20/00; S.

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Position will be ignment as project

upport; Note: Position

oore until 11/16;

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

Requested Budget increase for Task 15 through December 31, 2001

ME	ES LABOR	<u> </u>		Sut	task 15.1	T	Vacant	T	Vacant	TA	SK TOTALS	Work Performed
	1	1	FY01						Vacant		IN TOTALS	Work Performed
		FY00 Hourty	Hourty				1					
Category	Employee	Rate	Rate	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	
		1								1.000.0		
Project Director/Senior Planner	Wayne Young	\$35.61	\$37.04	24	\$889		\$0		so	24	\$880	Project/Operations Planning, Contract Oversight, Tech. Review/Support
								1			J 003	Project Management, Ops Planning, Tech Review/Support; progress/team
Project Manager	see note at right	\$24.31	\$27.71	40	\$1,108		\$0		\$0	40	\$1 108	mtgs. Note: K. Wikar until 10/20; S. Storms after 10/20
Senior Environmental Scientist	Cecelia Donovan	\$28.12		80	\$2,339		\$0		\$0	80		Environmental Science/Monitoring
Environmental Scientist	Tammy Banta	\$25.06			\$0	1	so		\$0	~		
				1	\$, .	i i		ľ	30	Environmental Science/Monitoring
												Alternate Project Manager, Environmental Science. Position will be backfilled
Alt. Project Manager/ Env. Scientist	Steve Storms	\$23.09	\$24.86	80	\$1,989		\$0		so	80	£1.090	
					U1,505			I	J 30	[∞]	31,909	or hours reprogrammed to others upon assignment as project manager.
Project Management Specialist	see note at right	\$0.00	\$23.00		\$0		\$0					Contracting Planning and Documentation and Mgt. Support; Note: Position
Environmental Specialist	Melissa Slatnik	\$14.87	[~] \$15.38	24	\$369				\$0	0		being filled
Environmental Specialist	Sue Kelly	\$14.07	\$16.27	24			\$0		\$0	24		Task Mgt.Support/Env. Science/Geology
Environmental Specialist	Tom Humbles		-		\$0		\$0		\$0	0	••	Environmental Science/Biology
Environmental Specialist	Erika Kehne	\$16.23	\$16.72		\$0		\$0		\$0	0		Environmental Technical/Inspection, Phragmites Control
Environmental Specialist		\$11.58	\$12.40	0	\$0		\$0		\$0 \$0 \$0	0	\$0	Environmental Technical
	Doug Taylor	\$13.35	\$13.62		\$0		\$0		\$0	0	\$0	Environmental Technical/Inspection
Environmental Specialist	Gwen Neate	\$0.00	\$13.83	24	\$332		\$0		\$0	24	\$332	Environmental Technical
Senior Engineer	William Chicca	\$36.48	\$38.04		\$0		\$0		\$0	0	\$0	Task Manager, Engineering Planning and Review; progress/team mtgs.
Engineer, Civil	Larry Walsh	\$28.53	\$29.68		\$0		\$0		\$0	Ι ο		Construction Planning
Engineer, Civil	David Foster	\$28.29	\$29.42		\$0		\$0		\$0	l ō		Engineering Design Evaulation, Cost Estimates
										-	•••	Civil and Dredging Engineering, Surveys, progress/team mtgs, field technica
Engineer, Civil	see note at right	\$19.30	\$21.59	8	\$173		\$0		so	8		support. Note: S. Moore until 11/16; position being filled
Engineer, Civil	Les Shaw	\$28.53	\$29.68		\$0		\$0		60	Ĭ		Engineering Design Evaulation, Cost Estimates
Engineer, Civil	Charles Peng	\$23.13	\$24.06		\$0		\$0		\$0 - \$0			
Engineer, Construction	Ellis Heath	\$18.61	\$19.17		so		\$0 \$0					Engineering Design Evaulation, Cost Estimates
Operations Field Supervisor	Allen West	\$17.08	\$18.21		\$0		\$0 \$0		\$0			Construction Engineering
Environmental Dredging Tech	James Tracy	\$13.44	\$15.40		so				\$0	0		Field Operations Planning
CAD Technician	Chris Norris	\$20.54	\$21.15	8			\$0		\$0	0		Technical Support
CAD Technician	Mark Cohoon	16.46	5	8	\$169		\$0		\$0	8		CAD Drawings, Document Preparation
Marine Operations Specialist	Jeffrey Pitts		19.96	8	\$160		\$0		\$0	8		CAD Drawings, Document Preparation
Co-op		\$22.44	\$23.25		\$0		\$0		\$0	0		Marine Operations, Construction Inspection
· ·	Brian Wolff	10.54	10.54	[\$0		\$0		\$0	0	\$0	Engineering Technical Support
Boat/Equipment Operator	various	\$15.00	\$15.00		\$0		\$0		\$0	0		Boat/Equipment Operations
	<u>اا</u>			296	\$7,528	0	\$0	0	\$0	296	\$7,528	
				_								
Fringe @ 44.1% of labor		0.442	0.441		\$3,320		\$0		\$0		\$3,320	
Overhead @ 45% of labor		0.45	0.45		\$3,388		\$0		\$0		\$3,388	
Total Loaded Labor					\$14,235		50		SO		\$14,235	
										L	••••,200	
DIRECT COST									n			· · · · · · · · · · · · · · · · · · ·
Mileage		0.31	0.31	600	* 400			1				· ·
Travel, Lodging, Per Diem		0.31	0.31	000	\$186		\$0		\$0		\$186	
Supplies and Materials											\$0	
Printing & Reproduction			1		\$150		ſ				\$150	
					\$300					7	- \$300	
Postage			1	1	\$25		1				\$25	
Telephone, Communications					\$10			1			\$10	
MES CAD Burden Rate		\$18.00	\$18.00	16	\$288		so		so		\$288	
Vehicle Service/Rental				1	1				•••		\$0	
Boat Service/Rental		\$500.00	\$500	o	\$0							Chartered Boat Trips for Large Groups
Special Equipment											\$0	
Other											\$0 30	
Contracted Services (GBA)					so	·	" _		·			Omdaing Engineering Blooping and Tastainst Ossains
Contracted Services (Dolinar)			l l				\$0		\$0		3U	Dredging Engineering Planning and Technical Services
Contracted Services (Moffat & Nichol)	1	ŀ	1		\$0 \$0		\$0		\$0		50	
Contracted Services					\$0		\$0		\$0		\$0	
Contracted Services					\$0	1					\$0	
Contracted Services					\$0						SO .	
Considered Cervices					\$0		1				\$0	
Total Direct Costs					\$959						Para	
	I		L			<u>_</u>	\$0		\$0		\$959	I ·
TASK 15 SUBTOTAL (Labor and Dire	et Costel	<u> </u>										
LINE TO COLLOTAL (LADOR AND DIPE					\$15,194		\$0		\$0		\$15,194	
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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)

Requested Budget Increase for Task 16 through December 31, 2001

MES	LABOR			Sub	task 16.1	Sub	task 16.2	Su	otask 16.3	TAS	KTOTALS	Work Performed
		FY00	FY01						T	T		
		Hourty	Hourty									
Category	Employee	Rate	Rate	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	
Project Director/Senior Planner	Wayne Young	\$35.61	\$37.04	0	\$0	0	\$0	0	\$0	0	\$0	Project/Operations Planning, Contract Oversight, Tech. Review
	ind just i dding			Ĭ		Ŭ	••	-				Project Management, Ops Planning. Note: K. Wikar thru 10/20/00; S.
Project Manager	see note at right	\$24.31	\$27.71	8	\$222		\$111	16	\$443	28	\$776	Storms from 10/20
Senior Environmental Scientist	Cecelia Donovan	\$28.12	\$29.24	60	\$222 \$1,754	48	\$1,404	60	\$1,754	168		Environmental Science/Monitoring
				00		40	31,404 \$0			100		
Environmental Scientist	Tammy Banta	\$25.06	\$26.07		\$0		30		\$0	9	20	Environmental Science/Monitoring
										1 1		Alternate Project Manager, Environmental Science. Position will be
										1 1		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		manager.
				· .								Contracting Planning and Documentation and Mgt. Support; Note: Position
Project Management Specialist	see note at right	\$0.00	\$23.00		\$0		\$0		\$0	0	\$0	being filled
Environmental Specialist	Melissa Slatnik	\$14.87	\$15.38	50	\$769	50	\$769	40	\$615	140	\$2,153	Task Mgt.Support/Env. Science/Geology
Environmental Specialist	Sue Kelly	\$14.22	\$16.27		\$0		\$0		\$0			Environmental Science/Biology
Environmental Specialist	Tom Humbles	\$16.23	\$16.72		\$0		\$0	ŀ	\$0	l ol		Environmental Technical/Inspection, Phragmites Control
Environmental Specialist	Erika Kehne	\$11.58	\$12.40	0	ŝo	. 0		o	\$0	l ol		Environmetal Technical
Environmental Specialist	Doug Taylor	\$13.35	\$13.62	۲ ۱	\$0		\$0 \$0	Ĭ	\$0	ŏ		Environmental Technical/Inspection
			-						30	140		
Environmental Specialist	Gwen Neate	\$0.00	\$13.83	50	\$692	50	\$692	40	\$553 \$0			Environmental Technical
Senior Engineer	William Chicca	\$36.48	\$38.04		\$0		\$0		\$0	0		Engineering Planning and Review
Engineer, Civil	Larry Walsh	\$28.53	\$29.68		\$0 \$0		\$0	1 1	\$0	0		Construction Planning
Engineer, Civil	David Foster	\$28.29	\$29.42		\$0		\$0		\$0	0	\$0	Engineering Design Evaulation, Cost Estimates
					-							Civil and Dredging Engineering, Surveys. Note: S. Moore until 11/16;
Engineer, Civil	see note at right	\$19.30	\$21.59		\$0		\$0		\$0	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		so		\$0		so	l ol		Engineering Design Evaulation, Cost Estimates
Engineer, Construction	Ellis Heath	\$18.61	\$19.17	ł	\$0 \$0		\$0 \$0		\$0			Construction Engineering
Operations Field Supervisor	Allen West	\$17.08	\$18.21		\$0		\$0		\$0			Field Operations Planning
Environmental Dredging Tech	James Tracy	\$13.44	\$15.40		\$0		\$0		\$0 \$0 \$0 \$0 \$0 \$0			Environmental Technical Support
CAD Technician	Chris Noms	\$20.54	\$21.15		\$85		540 640		\$85	10		CAD Drawings, Document Preparation
CAD Technician				4	\$80	2	\$42 \$0		\$80	8		
	Mark Cohoon	16.46	19.96	4		0	20	4	300	r - I		CAD Drawings, Document Preparation
Marine Operations Specialist	Jeffrey Pitts	\$22.44	\$23.25	1	\$0		\$0		\$0	0		Marine Operations, Construction Inspection
Со-ор	Brian Wolff	10.54	10.54		\$0		\$0		\$0	0		Engineering Technical Support
Boat/Equipment Operator	various	\$15.00	\$15.00	4	\$60	4	\$60	4	\$60	12		Boat/Equipment Operations
Labor Sub-Total				228	\$4,854	170	\$3,375	232	\$5,182	618	\$13,411	
Fringe @ 44.1% of labor (FY01 rate)		0.442	0.441		\$2,141		\$1,489		\$2,285		\$5,914	
Overhead @ 45% of labor		0.45	0.45		\$2,184		\$1,519		\$2,332		\$6,035	
Total Loaded Labor		0.45			\$9,179		\$6,383		\$9,798	<u>↓ </u>	\$25,361	
		I			39,1/9]		30,303				423,501	
DIRECT COST		Т			T					I T		
Mileage		0.31	0.31	150	\$47	75	\$23	300	\$93		\$163	· ·
Travel, Lodging, Per Diem						1	•=-		-		\$0	
Supplies and Materials					\$50		\$25				\$75	
Printing & Reproduction		1			\$100		\$25				\$125	
					\$25		\$10			-	\$35	
Postage						1					\$35	· · ·
Telephone, Communications				ار	\$25	ار	\$10					
MES CAD Burden Rate		\$18.00	\$18.00	8	\$144	2	\$36	8	\$144		\$324	
Vehicle Service/Rental						i					\$0	
Boat Service/Rental		\$500	\$500	0	\$0	0	\$0	0	\$0			Chartered Boat Trips for Large Groups
Special Equipment			I			ļ					\$0	
Other		1									\$0	· ·
Contracted Services (GBA)				•	\$0		\$0		\$0		\$0	Dredging Engineering Planning and Technical Services
Contracted Services (Dolinar)					\$0		\$0		\$0		\$0	
Contracted Services (Moffat & Nichol)					so		\$0 \$0		\$0		SO	
Contracted Services (Wohat & Walter)					30		-9U		30		\$0	
Contracted Services		1		-							\$0 60	
Contracted Services		1		ļ							\$0 \$0	
Tatal Disease Const										↓↓	\$0	
Total Direct Costs				· · ·	\$391		\$129	l	\$237		\$757	
TASK 16 SUBTOTAL (Labor and Dir	ect Costs)				\$9,570		\$6,512		\$10,035	·	\$26,118	
												-

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Subtask 16.1: CENAB Item 5.4.1 - Poplar Island Habitat Sub-Group Subtask 16.2: CENAB Item 5.4.2 Poplar Island Monitoring Sub-Group Subtask 16.3: CENAB Item 5.4.3 Poplar Island Working Group Attachment 2 MES Proposal ED-03-01 October 25, 2000 Page 17

TASK 17 - PLANNING AND IMPLE		ISTICS AND CO														
	1		1	I	(no CENAB n	umber)		;								
Requisted Budget Request for Tas	sk 17 through De	cember 31, 200	1									<u> </u>				
	1	·		<u>+</u>			1	1								
ME	S LABOR			Sul	btask 17.1	Su	btask 17.2	Su	btask 17.3	e	btask 17.4					
Category	Employee		Hourty Rate		Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Hours	Cost	Work Performed
Project Director/Senior Planner	Wayne Young	\$35.61	\$37.04	4	\$148		\$148		\$148							
Project Manager				1					3140		\$0		\$0	12	<u>\$444</u>	Project/Operations Planning, Contract Overs Project Management, Ops Planning, Note: K
Senior Environmental Scientist	See note at right Cecelia Donovar					24		40			\$0		\$ 0	88		S. Storms from 10/20
Environmental Scientist	Tammy Banta	\$25.06			\$0 \$0		\$0 \$0		\$0 \$0		\$0		\$0			Environmental Science/Monitoring
							30		30		\$0	<u> </u>	\$0	0	\$C	Environmental Science/Monitoring Alternate Project Manager, Environmental Science
Alt. Project Manager/ Env. Scientist	Steve Storms	\$23.09	\$24.86	8	\$199	8	\$199		\$0		\$0		\$ 0	16	\$398	backfilled or hours reprogrammed to others in project manager.
Project Management Specialist	see note at right	\$0.00	\$23.00							`						Contracting Planning and Documentation and
Environmental Specialist	Melissa Slatnik	\$14.87			\$0 \$185	12	\$0 \$185	144	\$3,312		\$0		S 0	144		Position being filled
Environmental Specialist	Sue Kelly	\$14.22			\$0		\$0		\$0 \$0		\$0 \$0		\$0 \$0	24		Task Mgt.Support/Env. Science/Geology
Environmental Specialist Environmental Specialist	Tom Humbles	\$16.23			\$0		\$0		\$0		\$0		\$0			Environmental Science/Biology Environmental Technical/Inspection, Phragm
Environmental Specialist	Erika Kehne Doug Taylor	\$11.58			\$0		\$0		\$0		\$0		50	0		Environmetal Technical
Environmental Specialist	Gwen Neate	\$13.35 \$0.00			\$0 \$0		\$0	-	\$0		\$0		\$0	0	\$0	Environmental Technical/Inspection
Senior Engineer	William Chicca	\$36.48			\$0		\$0 \$0		\$0 \$0		\$0		\$0	0		Environmental Technical
Engineer, Civil	Larry Walsh	\$28.53			\$0		\$0		\$0 \$0		\$0 \$0		\$0 \$0	0		Engineering Planning and Review
Engineer, Civil	David Foster	\$28.29	\$29.42		\$0		\$0		50		\$0		\$0			Construction Planning Engineering Design Evaulation, Cost Estima
Engineer, Civil	see note at right															Civil and Dredging Engineering, Surveys, No
Engineer, Civil	Les Shaw	\$19.30 \$28.53			\$0 \$0		\$0	40	\$864		\$0		\$0	40		11/16; position being filled
Engineer, Civil	Charles Peng	\$23,13	\$24.06				\$0 \$0		\$0 \$0		\$0		\$0	0		Engineering Design Evaulation, Cost Estima
Engineer, Construction	Ellis Heath	\$18.61	\$19.17		\$0		\$0				\$0 \$0		\$0 \$0	0		Engineering Design Evaulation, Cost Estima
Operations Field Supervisor Environmental Dredging Tech	Allen West	\$17.08	\$18.21		\$0		\$0		\$0		\$0		\$0			Construction Engineering Field Operations Planning
CAD Technician	James Tracy Chris Norris	\$13.44	\$15.40		\$0		\$0	40	\$616		\$0		\$0	40		Environmental Technical Support
CAD Technician	Mark Cohoon	\$20.54 16.46	\$21.15 19.96		<u>\$0</u>		\$0		\$0		\$0		\$0	0	\$0	CAD Drawings, Document Preparation
Marine Operations Specialist	Jeffrey Pitts	\$22.44	\$23.25		\$0 \$0		\$0 \$0		\$0		\$0		\$0	0		CAD Drawings, Document Preparation
Со-ор	Brian Wolff	10.54	10.54		\$0		\$0		<u>\$0</u> \$0		\$0 \$0		\$0 \$0	0		Manne Operations, Construction Inspection
Boat/Equipment Operators	various	\$15.00	\$15.00		\$0	2880	\$43,200		\$0	960	\$14,400		\$0	3840		Engineering Technical Support Boast/Equipment Operation. Service by vanc
	<u> </u>		Į	48	\$1,197	2928	\$44,397	268	\$6,048	960	\$14,400	0	\$0	4204	\$66,041	
Fringe @ 44.1% of labor (FY01 rate)		:							[Í				
Overhead @ 45% of labor		0.442	0.441		\$528		\$19,579		\$2,667		\$6,350		\$0		\$29,124	
Total Loaded Labor		0.40	0.43		\$538		\$19,978 \$83,954		\$2,722		\$6,480		\$0		\$29,719	
						—— <u>+</u>	303,334		\$11,437		\$27,230		\$0		\$124,884	
DIRECT COST				/												
Aileage	-	0.31	0.31		\$0		\$0		\$0		\$0		\$0			
									30						\$0	Assumes average of 1 person deploy
						Í	1		1	1						from HMI. Funding reverts to Task 17
ravel, Lodging, Per Diem					\$24,000		ļ				\$12,000				\$76.000	completed.
upplies and Materials											312,000				\$30,000	
Printing & Reproduction Postage															\$0	
Telephone, Communications					<u> </u>										\$0	
IES CAD Burden Rate			\$18.00		\$0		so		SO						\$0	
/ehicle Service/Rental			_		\$81,000						\$0		\$0		- \$0 \$91.000	Vehicles: see detail sheet
oat Service/Rental							\$151,500	-+								Boats and slips; see detail sheet
pecial Equipment		Í														Special Equipment has been provided throug
)ther											\$60,000					implementation activities.
Contracted Services (GBA)					\$0		S 0		\$226,200							Other logistics support; see detail sheet
ontracted Services (Dolinar)									\$0 \$0		\$0 \$0		\$0 \$0		\$0 \$0	Dredging Engineering Planning and Technica
ontracted Services (Moffat & Nichol) ontracted Services					\$0		\$0		\$0		\$0	ł			\$0 \$0	
Contracted Services						T						1			\$0	
ontracted Services											_				\$0	
							+					ŀ			\$0	
Totai Direct Costs					\$105,000		\$151,500		\$226,200		\$72,000				\$554,700	
			1			1	!									<u> </u>
ASK 17 SUBTOTAL (Labor and Direc	at Costs) i				\$107,263		\$235,454	 -	\$237,637		\$99,230		\$0	+	\$679,584	
	(ico (loca milata)							1								·····
thtask 17 1 Vehicle Lance/Postel/C	nie ness mileane)					1										
	,												!!			
ubtask 17.2: Boat Service/Rental ubtask 17.3: Other Logistics Support																······································
ubtask 17.1: Vehicle Lease/Rental/Sen ubtask 17.2: Boat Service/Rental ubtask 17.3: Other Logistics Support ubtask 17.4: Special Equipment (contin			equired)													
ubtask 17.2: Boat Service/Rental ubtask 17.3: Other Logistics Support			quired)													

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ersight, Tech. Review : K. Wikar thru 10/20/00;
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Science. Position will be rs upon assignment as
and Mgt. Support; Note:
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gmites Control
nates Note: S. Moore until
nates
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n
anous personnel
oyed for 12 months 17 once Task 18 is
······
·······
ough Task 18 for initial
ough Task 18 for initial nical Services

ANALYSIS F	OR TASK	17 THRO	UGH DE	CEMBI	ER 31. 2001	
				Ţ		
estimate (July 1, 2	2000 to Decer	nber 31, 2001)	1	1		
		Rate		Unit	Total	Notes and cost planning information.
	1 each	\$60	540	dav	\$32,400	
					\$24,300	
	1 each	\$45	540	day	\$24,300	
			<u> </u>		\$0	
					\$0	
					\$81,000	
				+	· · ·	·
						Notes and cost planning information.
Number		Rate			TOLAI	Crewboat capable of routine operations, Spring through Fall.
	leach	\$250	300	day	· \$75,000	charter (2 hours operation; 8 hours standby). Crewboat capable of winter operations. Estimated \$600 daily
	leach	\$600	120	vehi	\$72.000	operation; 8 hours standby).
						Supplemental Boat Service. Note: Addressed by Task for Ta
		\$250				Note: Included in price estimate for first year environmental
1	each	\$300	15	month	\$4,500	Note: Covers Fall 2000 through December 31, 2001.
	1				\$151,500	
t) - 18 months est	imate (July 1	, 2000 through	1 Decembe	r 31, 2001)	
Number					Total	Notes and cost planning information.
	10m	INALE	Quantity	10mil	Total	
1	each	\$500	18	month	\$9,000	Parking and work/storage space at Lowes Wharf or other su
1			18		\$9,000 \$28,200	Parking and work/storage space at Lowes Wharf or other su Barge run and 4 hours of tug standby time for mob of equipr
1	each each	\$500 \$4,700	18	month run	\$9,000 \$28,200	Parking and work/storage space at Lowes Wharf or other su Barge run and 4 hours of tug standby time for mob of equipr Barge run and 4 hours of tug standby time for large parts ar
1	each	\$500 \$4,700 \$4,200	18 6 12	month run	\$9,000 \$28,200 \$50,400	Parking and work/storage space at Lowes Wharf or other su Barge run and 4 hours of tug standby time for mob of equipr Barge run and 4 hours of tug standby time for large parts ar Commences upon completion of Task 18 underdrain and dik
1	each each each	\$500 \$4,700	18 6 12 18	month run	\$9,000 \$28,200 \$50,400 \$27,000 \$1,800	Parking and work/storage space at Lowes Wharf or other su Barge run and 4 hours of tug standby time for mob of equipr Barge run and 4 hours of tug standby time for large parts ar Commences upon completion of Task 18 underdrain and dik Price estimate for 1 - 40 foot trailer and 1 - 20 foot trailer.
1 1 1 1 1 1	each each each each each each each	\$500 \$4,700 \$4,200 \$1,500 \$100 \$100	18 6 12 18 18 18 18	run month run month month month	\$9,000 \$28,200 \$50,400 \$27,000 	Parking and work/storage space at Lowes Wharf or other su Barge run and 4 hours of tug standby time for mob of equipr Barge run and 4 hours of tug standby time for large parts ar Commences upon completion of Task 18 underdrain and dik Price estimate for 1 - 40 foot trailer and 1 - 20 foot trailer. Price estimate for 1 - 40 foot trailer and 1 - 20 foot trailer.
1 1 1 1 1 1	each each each each each each	\$500 \$4,700 \$4,200 \$1,500 \$100	18 6 12 18 18 18 18	run run month month	\$9,000 \$28,200 \$50,400 \$27,000 	Parking and work/storage space at Lowes Wharf or other su Barge run and 4 hours of tug standby time for mob of equipr Barge run and 4 hours of tug standby time for large parts ar Commences upon completion of Task 18 underdrain and dik Price estimate for 1 - 40 foot trailer and 1 - 20 foot trailer.
1 1 1 1 1 1 1 1	each each each each each each each	\$500 \$4,700 \$4,200 \$1,500 \$100 \$100	18 6 12 18 18 18 18 18	run month run month month month	\$9,000 \$28,200 \$50,400 \$27,000 \$1,800 \$1,800 \$9,000 \$72,000	Parking and work/storage space at Lowes Wharf or other su Barge run and 4 hours of tug standby time for mob of equipr Barge run and 4 hours of tug standby time for large parts ar Commences upon completion of Task 18 underdrain and dik Price estimate for 1 - 40 foot trailer and 1 - 20 foot trailer. Price estimate for 1 - 40 foot trailer and 1 - 20 foot trailer. Power source for field office. Estimated per gallon fuel cost includes transportation to islat logistics through Task 17 upon completion of Task 18 under services for period 1/1/01 through 12/31/01. Estimated fuel of limited support from specialized equipment.
	each each each each each each each each	\$500 \$4,700 \$4,200 \$1,500 \$100 \$100 \$500	18 6 12 18 18 18 18 18 18 000	month run month month month month	\$9,000 \$28,200 \$50,400 \$27,000 \$1,800 \$1,800 \$9,000 \$72,000	Parking and work/storage space at Lowes Wharf or other su Barge run and 4 hours of tug standby time for mob of equipr Barge run and 4 hours of tug standby time for large parts ar Commences upon completion of Task 18 underdrain and dik Price estimate for 1 - 40 foot trailer and 1 - 20 foot trailer. Price estimate for 1 - 40 foot trailer and 1 - 20 foot trailer. Power source for field office. Estimated per gallon fuel cost includes transportation to islat logistics through Task 17 upon completion of Task 18 under services for penod 1/1/01 through 12/31/01. Estimated fuel of
	each each each each each each each each	\$500 \$4,700 \$4,200 \$1,500 \$100 \$100 \$500 \$500 \$4.00	18 6 12 18 18 18 18 18 18 000	month run run month month month gallons	\$9,000 \$28,200 \$50,400 \$27,000 \$1,800 \$1,800 \$9,000 \$72,000	Parking and work/storage space at Lowes Wharf or other su Barge run and 4 hours of tug standby time for mob of equipr Barge run and 4 hours of tug standby time for large parts ar Commences upon completion of Task 18 underdrain and dik Price estimate for 1 - 40 foot trailer and 1 - 20 foot trailer. Price estimate for 1 - 40 foot trailer and 1 - 20 foot trailer. Power source for field office. Estimated per gallon fuel cost includes transportation to islat logistics through Task 17 upon completion of Task 18 under services for period 1/1/01 through 12/31/01. Estimated fuel of limited support from specialized equipment.
	estimate (July 1, 2 Number 1 - 12 months estima Number 1 1 1 1 1 1 1 1 1 1 1	estimate (July 1, 2000 to Decem Number Unit 1 each 1 each	estimate (July 1, 2000 to December 31, 2001) Number Unit Rate 1 each \$60 1 each \$45 1 each \$250 1 each \$250 1 each \$250 1 each \$300 1 each \$300	Image: stimate (July 1, 2000 to December 31, 2001) Number Unit Rate Quantity 1 each \$60 540 1 each \$45 540 1 each \$250 300 1 each \$250 300 1 each \$250 0 1 each \$250 0 1 each \$300 15 1 each \$300 15 1 each \$300 15 1 each \$300 15	estimate (July 1, 2000 to December 31, 2001) Number Unit Rate Quantity Unit 1 each \$60 540 day 1 each \$45 540 day 1 each \$200 to December 31, 2001) Number Unit Rate Quantity Unit 1 each \$250 300 day 1 each \$250 0 day 1 each \$250 0 day 1 each \$300 15 month	Number Unit Rate Quantity Unit Total 1 each \$60 540 day \$32,400 1 each \$45 540 day \$24,300 1 each \$450 0 \$0 \$0 1 each \$2000 to December 31, 2001) 1 1 \$1000 \$1000 1 each \$250 300 day \$75,000 \$11 \$250 0 day \$75,000 1 each \$250 0 day \$00 \$300 15 month \$4,500 1

	Attachment 2 posal ED-03-01 ctober 25, 2000 Page 19
I. Estimated \$600 daily charge for bare boat ly charge for bare boat charter (2 hours	
asks 1 through 18. monitoring under EA contract with CENAB.	
uitable location ment. 1 run per quarter. and supplies once every 6 weeks. ike raising support services.	
and and storage. Estimate assumes fuel. rdrain installation and dike raising support consumption is 1,500 gallons/month for	
· · · · · · · · · · · · · · · · · · ·	
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ENVIRONMENTAL, PLANNING, TECHNICAL AND IMPLEMENTATION SERVICES FOR POPLAR ISLAND ENVIRONMENTAL RESTORATION PROJECT

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

oject Manager see	Employee Vayne Young ee note at right	TASK 1 656	TASK 2 7	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
oject Manager see		656	7	24																
oject Manager see		656	7	24					•		_		_					40	840	
nior Environmental Scientist Cer	an anto at right			1	0	2	5	10	0	22	0	40	0	2	6	24	0	- 12	010	Project/Operations Planning, Contract Oversight, Tech. Review
nior Environmental Scientist Cer				1																Project Management, Ops Planning, Note: K. Wikar thru 10/20/00; S. Storms from
nior Environmental Scientist Cer		1232	18	44	0	16	26	20	0	49	0	8	0	16	22	40	28	88	1607	10/20
	ecelia Donovan	80	120	0	0	o	40	ol	0	32	0	8	0	40	40	80	168	0	608	Environmental Science/Monitoring
	ammy Banta	24	0	ol	Ó	0	0	o	0	0	0	0	0	0	0	0	0	0	24	Environmental Science/Monitoring
	-		-	1				1		1										
													_					16		Alternate Project Manager, Environmental Science. Position will be backfilled or
. Project Manager/ Env. Scientist Ste	teve Storms	392	80	0	0	0	40	0	0	36	0	16	0	16	24	80	124	10	024	hours reprogrammed to others upon assignment as project manager.
								_			-						0		760	Contracting Planning and Documentation and Mgt. Support; Note: Position being
	ee note at right	616	0	0	0	0	0	0	0	0	0	0	0		24	24	140	144 24		Task Mgt.Support/Env. Science/Geology
	lelissa Slatnik	184	160	24	0	8	40	16	0	24	0	0	U	40	24	241	140	24	24	Environmental Science/Biology
	ue Kelly	24	0	0	0	0	0	0	0	0	0	U	0	0	, i		0		64	Environmental Technica/Inspection, Phragmites Control
······································	om Humbles	40	16	0	0	0	0	0	0	8	0	0	0	0	0		0		24	Environmental Technical
	rika Kehne	24	0	0	0	0	0	0	2	ů,	U	· 0	0		0		0		48	Environmental Technical/Inspection
	loug Taylor	24	16	oj	0	0	0	0	S S	8	U	0	0	48	40	24	140		356	Environmental Technical
	wen Neate	24	40	0	0	0	40	2	SI SI	U U	0	0	0	40		27	 0			Engineering Planning and Review
	Villiam Chicca	104	0	64	0	0	0	U U	SI SI	U U	0	0	0				ŏ			Construction Planning
	arry Walsh	24	0	0	0	0	0	0	2	U	0	.0	0		0		ő			Engineering Design Evaulation, Cost Estimates
gineer, Civil Dav	avid Foster	16	ol	0	0	0	9	0	0	9	U	U	U	ч Ч	0		J	, u		Civil and Dredging Engineering, Surveys. Note: S. Moore until 11/16; position be
	ee note at right	656	ol	60	0		18	16	പ	8	0	24	0	ol	0	8	0	40	836	filled
	es Shaw	16		~	0	ő	10		ő	ől	0	0	ō	0	0	l ol	0	0	16	Engineering Design Evaulation, Cost Estimates
	harles Peng	· 16		ől	ő	ő	ŏ	ő	ől	ő	ō	0	ō	oi	0	l ol	0	· a	16	Engineering Design Evaulation, Cost Estimates
	illis Heath	10		ől	ő	ő	ő	ő	ő	ő	ō	0	ō	ō	0	o	0	0	40	Construction Engineering
	ilis rieadi ilen West	40	, S	ő	ő		ő	ő	ő	ő	ō	8	ō	ō	0	o	0	0	48	Field Operations Planning
	ames Tracy	120	ő	ő	ő		0	ő	ő	ő	ŏ	8	ō	Ó	0	o	0	40	168	Environmental Technical Support
	•	40	10	ő	ő	ő	ŏ	ő		4	ō	ō	ō	16	Ó	8	10	C	88	CAD Drawings, Document Preparation
	hris Norris Iark Cohoon	40	12		, N	S S	ň	, N		ň	ő	0	Ō	ol	Ō	8	8	C	56	CAD Drawings, Document Preparation
	effrev Pitts	40			0	ő	ŏ	ő	ői	ő	ō	ō	ŏ	ō	Ó	0	0	0	40	Marine Operations, Construction Inspection
	enney Pros vrian Wolff	40	SI.	SI SI	ň	, SI	ň	, and a set	ől	ől	0	Ő	Ō	ol	0	o	0	C	0	Engineering Technical Support
*P 1			N N		, N	N N	ň	, i		ő	0	Ō	0	o	Ō	0	12	3840		Boast/Equipment Operation. Service by various personnel
at/Equipment Operator van	arious	40	467	216		34	207	62		191		112	0	186	156	296	630			

Task 1: Project Planning, Technical, Environmental and Implementation Services

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 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 2.1.8) Task 410: Site Support and Loristics (CENAB Item 2.2)

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 2 MES Proposal ED-03-01 October 25, 2000 Page 20

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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 PMSubject: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 | 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

	Hourly	Tas	sk 1	Tasl	k 2.1.2	Tas	k 2.1.4	Tas	k 2.1.5	Tas	k 2.1.6	Tasl	(2.1.7	Task	(2.1.8	Tas	k 2.1.9	Та	ask 3.2	Та	sk 3.3	Total A	WI Tasks
Individual	Rate	hours	Labor	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	4	\$213	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0) 0	\$0	0	\$0	4	\$213
J F Bryant	\$53.30	4	\$213		\$0	ŏ	\$0	ŏ	\$0	ő	ŝõ	õ	\$0	ŏ	\$0	ŏ	so		\$0	ŏ	\$0	4	\$213
R F Thomas	\$32.00	22	\$704	ŏ	\$0	ŏ	\$0	õ	\$0	ō	\$0	ō	\$0	ō	ŝo	Ō	ŝ		\$160	Ō	ŝo	27	\$864
D C Urso	\$36.78	430	\$15,815	185	\$6,804	ō	\$0	30	\$1,103	ō	\$0	15	\$552	Ō	\$0	0	\$0) 15	\$552	20	\$736	695	\$25,562
P R Steele	\$37.55	0	\$0	0	\$0	ō	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0) 0	\$0	0	\$0	0	\$0
G T Bryant	\$43.13	4	\$173	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0) 0	\$0	0	\$0	4	\$173
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	\$0
Carlton Bryant	\$29.75	90	\$2,678	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0		\$0	0	\$0	90	\$2,678
R K Mohan	\$33.65	360	\$12,114	21	\$707	0	\$0		\$1,010	0	\$0	5	\$168	0	\$0	0	\$0		\$1,683	0	\$0	466	\$15,681
S W Tracey	\$20.19	120	\$2,423		\$1,514	0	\$0		\$1,413	-	\$0	40	\$808	0	\$0	0	\$0		\$606	20	\$404	355	\$7,167
T M Donegan	\$21.63	120	\$2,596		\$2,790	0	\$0		\$757	0	\$0	35	\$757	0	\$0	0	\$0		\$1,839	35	\$757	439	\$9,496
W J Dinicola	\$20.67	610	\$12,609		\$4,919	0	\$0		\$1,964	0	\$0	40	\$827	0	\$0	0	\$0		\$1,034	20	\$413	1053	\$21,766
W H Schwarz	\$35.80	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		\$962	90	\$1,731	370	\$7,115
J P Yachmetz	\$13.50	0	\$0		\$0	0	\$0		\$540		\$0	0	\$0	0	\$0	0	\$0		\$270	0	\$0 \$0	60 10	\$810
E DeAngelo	\$21.63	0	\$0	0	\$0	0	\$0		\$0		\$0 \$0	10 0	\$216 \$0	0	\$0 \$0	0	\$(\$(\$0 \$0	0	\$0 \$0	135	\$216 \$1,755
P L Patterson	\$13.00	90	\$1,170	45	\$585	U	\$0	0	\$0	U	φU	0	\$U	U	20	U	φı	, ,	20	U	φU	135	\$1,100
	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
Avera	ige hourly rate		\$26.45		\$24.99		#DIV/01		\$22.62		#DIV/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%) 160%	\$11,366	160%	\$6,465		\$149,933
	Subtotal		\$143,338		\$45,032		\$0		\$17,646		\$0		\$8,652		\$0		\$0		\$18,469		\$10,505		\$243,642
	Fixed Fee @	10%	\$14,334	10%	\$4,503	10%	\$0		\$1,765	10%	\$0		\$865	10%	\$0	10%	\$0		\$1,847	10%	\$1,051		\$24,364
Total Labor, Ov	verhead and Fix	ked Fee	\$157,671		\$49,535		\$0		\$19,411		\$0		\$9,517		\$0		\$0)	\$20,316		\$11,556		\$268, <i>00</i> 6
Direct Costs																							
Travel Hotel &	Per Diem		\$800		\$2,450		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$3,250
Printing & Rep			\$1,400		\$750		\$0		\$550		\$0		\$175		\$0		\$0		\$420		\$270		\$3,565
	d Express Pack	ages	\$770		\$185		\$0		\$185		\$0		\$45		\$0		\$0		\$80		\$75		\$1,340
Survey Equipn			\$50		\$500		\$0		\$0		\$0		\$0		\$0 \$0		\$0		\$0		\$0 \$0		\$550 \$0
Special Equipr	ment Rental		\$0		\$0		\$0 \$0		\$0 \$0		\$0 \$0		\$0 \$0		ະ \$0		\$(\$(\$0 \$0		\$0 \$0		\$0 \$0
Boat Rental			\$0		\$0		\$0		20		20		20		20		a.	,	φU		\$U		40
	Total Direct	Costs	\$3,020		\$3,885		\$0		\$735		\$0		\$220		\$0		\$0)	\$500		\$345		\$8,7 <i>0</i> 5
Subcontractors	i																						
ECt			\$10,000		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$4,000		\$0		\$14,000
E2CR			\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0
E2SI			\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0
Dr. Znidarcic			\$0		\$0		\$0		\$10,000		\$0		\$0		\$0		\$0		\$0		\$0 60		\$10,000
Jim Galli			\$15,800		\$16,200		\$0		\$0		\$0		\$0		\$0		\$0	J	\$0		\$0		\$32,000
	Total Subco	ntractors	\$25,800		\$16,200		\$0		\$10,000		\$0		\$0		\$0		\$0	0	\$4,000		\$0		\$56,000
То	tal Task Costs		\$186,491		\$ 69,620		\$ 0		\$30,146		\$0		\$9,737		\$0		S	D	\$24,816		\$11,901		\$332,711

NOTES:

Project Planning Services Task 1

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

Task 2.1.4

Task 2.1.5 **Baseline PSDDF and Cell Capacities**

Plan and Design Marsh Task 2.1.6

Task 2.1.7

Task 2.1.8

Material Management Plan for First Dredging Cycle Filling Schedule and Quantities for First Placement Cycle Technical Assistance for Plans and Specifications for Dredging Task 2.1.9

Vegetative Management Technical Analysis Task 3.2

Vegetative Planning Task 3.3

\$332,711

TOTAL ALL TASKS

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Gahagan & Bryant Associates, Inc.

Task I **Project Planning Services**

	Hourly	Sub-T	ask 1.1	Sub-	Fask 1.2	Sub-1	Fask 1.3	Total	Task
Individual	Rate	hours	Labor	hours	Labor	hours	Labor	hours	Labor
(Norriddo)	11010		Labo						
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
			• • • • • • •				A	0004	6 55 005
	Totals	1460	\$40,223	324	\$8,622	300	\$6,420	2084	\$55,265
			A07		£00.04		624 40		\$26.52
Avera	ge hourly rate		\$27.55		\$26.61		\$21.40		\$20.JZ
	Our thread @	160%	\$64,357	160%	\$13,795	160%	\$10,272		\$88,424
	Overhead @ Subtotal	100 %	\$104,580	100 /6	\$22,416	100 /0	\$16,692		\$143,689
	Fixed Fee @	10%	\$10,458	10%	\$2,242	10%	\$1,669		\$14,369
Total Labor, Ov			\$115,038	10 /6	\$24,658	10 /0	\$18,361		\$158,057
			W110,000		42 4,000		• . • . • . • .		•••••
Direct Costs									
Travel Hotel &	Per Diem		\$700		\$100		\$0		\$800
Printing & Rep			\$1,100		\$200		\$100		\$1,400
Telephone and		ages	\$520		\$50		\$200		\$770
Survey Equipr		-9	\$0		\$0		\$50		\$50
Special Equipr			\$0		\$0		\$0		\$0
Boat Rental			\$0		\$0		\$0		\$0
	Total Direct	Costs	\$2,320		\$350		\$350		\$3,020
Subcontractors									
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
То	tal Task Costs		\$143,158		\$25,008		\$18,711		\$186,877
NOTES:								Task I	\$186,877
NUTES: Sub-Task 1.1	Joint Plann	ino Tear	n Support						•••••

Sub-Task 1.1

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

Sub-Task 1.3

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Gahagan & Bryant Associates, Inc.

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

	Hourly	Sub-Ta	isk 2.1.2.a	Sub-Ta	ask 2.1.2.b	Sub-Ta	ask 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	sk 2.1.2.h	Sub-Ta	sk 2.1.2.I	Tota	l 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	0	\$0
J F Bryant	\$53.30	0	\$0	0	\$0	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	0	\$0	0	\$0
D C Urso	\$36.78	0	\$0	35	\$1,287	0	\$0	10	\$368	40	\$1,471	0	\$0	0	\$0	95	\$3,494	5	\$184	185	\$6,804
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
G T Bryant	\$43.13	0	\$0	0	\$0	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	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
R K Mohan	\$33.65	0	\$0	0	\$0	0	\$0	0	\$0	0	\$5	0	\$0	0	\$0		\$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		\$202		\$0	75	\$1,514
T M Donegan	\$21.63	0	\$0	85	\$1,839	0	\$0	10	\$216	0	\$0	0	\$0	0	\$0		\$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		\$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
W Nuckols	\$19.23	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0		\$0	0	\$0	0	\$0
J P Yachmetz	\$13.50	0	\$0	0	\$0	0	· \$0	0	\$0	0	\$0	0	\$0	0	\$0		\$0	0	\$0	0	\$0
E DeAngelo	\$21.63	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0		\$0		\$0	0	\$0
P L Patterson	\$14.50	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	45	\$653	45	\$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	ge hourly rate		#DIV/0I		\$23.13		#DIV/0I		\$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 @		\$0	10%	\$1,503	10%	\$0	10%	\$313	10%	\$491	10%	\$0	10%	\$0	10%	\$1,863	10%	\$352		\$4,522
Total Labor, Ov			\$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
Telephone and		kages	\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$150		\$35		\$185
Survey Equipm	•	•	\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$500		\$0		\$500
Special Equips			\$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	ontractor	\$0)	\$0		\$0		\$0		\$0		\$0		\$0		\$16,200	•	\$0		\$16,200
Tot	tal Task Costs		\$0	ł	\$17,586		\$ 0		\$3,444		\$5,404		\$0		\$ 0		\$ 39,388		\$4, 005		\$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 2.1.2.9 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

\$69,827

Task 2.1.2

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Gahagan & Bryant Associates, Inc.

Task 2.1.4 Wetland Field Data

	Hourly	Sub-Ta	sk 2.1.4.a	Sub-Ta	ask 2.1.4.b	Sub-Ta	ask 2.1.4.c	Sub-Ta	isk 2.1.4.d	Sub-Ta	sk 2.1.4.e	Sub-Ta	ask 2.1.4.f	Sub-Ta	sk 2.1.4.g	Tota	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	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 \$0
R F Thomas	\$32.00	0	\$0		\$0	0	\$0 \$0	0	\$0 60	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	Ö	\$0 \$0
P R Steele	\$37.55	0	\$0		\$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	ő	\$0 \$0	ő	\$0 \$0
R A Roman	\$34.13	0	\$0		\$0	0 0	\$0 \$0	0	\$0 \$0	0	\$0 \$0	-	\$0 \$0	ő	\$0	ő	\$0
Lee Hurm	\$29.75	0	\$0 \$0		\$0 \$0	0	\$0 \$0	0	\$0 \$0	0	\$0 \$0	-	\$0 \$0	ŏ	\$0	ő	\$0 \$0
R K Mohan	\$33.65	0	\$0 \$0		\$0 \$0	0	\$0 \$0	-	\$0 \$0	Ö	\$0 \$0	-	\$0	ŏ	\$0 \$0	ŏ	\$0
S W Tracey	\$20.19	0 0	ֆՍ \$0		\$0 \$0	0	\$0 \$0		\$0 \$0	ŏ	\$0	ŏ	\$0	ŏ	\$0	ŏ	\$0
T M Donegan	\$21.63	0	\$0 \$0		\$0 \$0	ŏ	\$0 \$0		\$0 \$0	ŏ	\$0	ŏ	\$0	ŏ	\$0	ŏ	\$0
W J Dinicola W H Schwarz	\$20.67 \$35.80	0	\$0 \$0		\$0 \$0	ŏ	\$0		\$0	ŏ	\$0	-	\$0	ŏ	\$0	ō	\$0
	\$35.80 \$19.23	0	\$0 \$0		· \$0	ŏ	\$0 \$0		\$0	ŏ	\$0		\$0	ŏ	\$0	ō	\$0
W Nuckols J P Yachmetz	\$19.23	0	\$0 \$0	-	. \$0 \$0	ŏ	\$0		\$0	ŏ	\$0		\$0	ō	\$0	ō	\$0
E DeAngelo	\$21.63	Ö	\$0 \$0		\$0	ŏ	\$0	ŏ	\$0	ŏ	\$0	-	\$0	ō	ŝo	Ō	\$0
P L Patterson	\$13.00	0	\$0 \$0		\$0 \$0	ŏ	\$0		\$0	ŏ	\$0	-	\$0	ō	\$0	Ō	ŝo
F L Fallerson	\$13.00	Ŭ	φυ		ψŪ	Ū	ΨŪ	Ū	÷		•-	-	•-		• -		-
	Totals	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
•			#DIV/01		#DIV/0!		#DIV/01		#DIV/0!		#DIV/01		#DIV/0!		#DIV/0!		#DIV/0!
Avera	ge hourly rate		#017/01		#017/01		#017/01		#017/0		#019/01		#01470		#01110:		101000
	Overhead @	160%	\$0	160%	\$0	160%	\$0	160%	\$0	160%	\$0	160%	\$0	160%	\$0		\$0
	Subtotal		\$0	ł	\$0		\$0		\$0		\$0		\$0		\$0		\$0
	Fixed Fee @	10%	\$0	10%	\$0	10%	\$0	10%	\$0	10%	\$0	10%	\$0		\$0		\$0
Total Labor, Ov	/erhead and Fi	xed Fee	\$0)	\$0		\$0		\$0		\$0		\$0		\$0		\$0
Direct Costs																	
Travel Hotel &	Dec Diam		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0
Printing & Rep			\$0 \$0		\$0 \$0		\$0		\$0		\$0		\$0		\$0		\$0
Telephone and		10000	\$0		\$0 \$0		\$0		\$0		ŝo		ŝo		\$0		\$0
Survey Equipri		Ages	\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0
Special Equipri			\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$0
Other			\$0		\$0		\$0		\$0		\$0	I	\$0		\$0		\$0
							_								•••		
	Total Direct	Costs	\$0)	\$0		\$0		\$0		\$0	I	\$0		\$0		\$0
Subcontractors																	
ECI			\$0)	\$0		\$0		\$0		\$0	1	\$0		\$0		\$0
E2CR			\$0)	\$0		\$0		\$0		\$0	1	\$0		\$0		\$0
E2S!			\$0)	\$0		\$0		\$0		\$0		\$0		\$0		\$0
Dr. Znidarcic			\$0)	\$0		\$0	1	\$0		\$0		\$0		\$0		\$0
Jim Galli			\$0)	\$0		\$0)	\$0	I	\$0)	\$0		\$0	•	\$0
	Total Subco	ontractor	\$0)	\$0		\$0	1	\$0	I	\$0)	\$0		\$0		\$0
To	tal Task Costs		so)	\$ 0		\$0)	\$0	1	\$0		\$0	1	\$ 0		\$0

NOTES:

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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

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Task 2.1.4

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Gahagan & Bryant Associates, Inc.

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Task 2.1.5 **Baseline PSDDF and Cell Capacities**

	Hourly	Sub-Ta	isk 2.1.5.a	Sub-Ta	sk 2.1.5.b	Sub-Ta	ask 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
	\$53.30	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
W G Gahagan J F Bryant	\$53.30 \$53.30	0	\$0 \$0	-	\$0 \$0	0	\$0 \$0	0	\$0 \$0	ŏ	\$0 \$0	ŏ	\$0 \$0	0 0	\$0
R F Thomas	\$32.00	0	\$0 \$0		\$0 \$0	ŏ	\$0 \$0	ő	\$0 \$0	ŏ	\$0	ŏ	\$0	ŏ	\$0
D C Urso	\$36.78	0 0	\$0 \$0		\$552	3	\$110	2	\$74	5	\$184	5	\$184	30	\$1,103
P R Steele	\$37.55	ő	\$0 \$0		\$352 \$0	ő	\$110	ō	\$0	ő	\$0	ŏ	\$0	0	\$0
G T Bryant	\$43.13	0	\$0 \$0		\$0 \$0	ŏ	\$0	ŏ	\$0 \$0	ŏ	\$0 \$0	ŏ	\$0	ŏ	\$0
R A Roman	\$34.13	0 0	\$0 \$0		\$0 \$0	ŏ	\$0	ŏ	\$0	ŏ	\$0	ŏ	\$0	ő	\$0
Lee Hurm	\$29.75	ŏ	\$0 \$0	-	\$0 \$0	ŏ	\$0	ŏ	\$0	ő	\$0	ŏ	\$0	ő	\$0
R K Mohan	\$33.65	ŏ	\$0 \$0		\$673	ŏ	\$0	ŏ	\$0	10	\$337	ŏ	\$0	30	\$1,010
S W Tracey	\$20.19	0	\$0 \$0		\$075	60	\$1,211	10	\$202	0	\$0	ŏ	\$0	70	\$1,413
T M Donegan	\$21.63	0	\$0 \$0	-	\$0 \$0	ő	\$0	30	\$649	5	\$108	ŏ	\$0	35	\$757
W J Dinicola	\$20.67	0	\$0 \$0		\$1,240	10	\$207	0	\$0	10	\$207	15	\$310	95	\$1,964
W H Schwarz	\$35.80	ő	\$0 \$0		\$1,240 \$0	0	\$0	ŏ	\$0	0	\$0	0	\$0	0	\$0
W Nuckols	\$19.23	0 0	\$0 \$0		\$0	ŏ	\$0	ŏ	\$0	ő	\$0	ŏ	\$0	ō	\$0
J P Yachmetz	\$13.50	0	\$0 \$0		\$540	ŏ	\$0	ŏ	\$0	ŏ	\$0	ŏ	\$0	40	\$540
E DeAngelo	\$13.50	0	\$0 \$0		\$040 \$0	ŏ	\$0	ŏ	\$0	ŏ	\$0	ŏ	\$0	0	\$0
P L Patterson	\$21.03 \$13.00	0	\$0 \$0	-	\$0 \$0	ŏ	\$0 \$0	ŏ	\$0 \$0	ŏ	\$0	ŏ	\$0	ŏ	\$0
	Totals	0	\$0	135	\$3,005	73	\$1,528	42	\$924	30	\$835	20	\$494	300	\$6,787
		•					\$20.94		\$22.01		\$27.84		\$24.70		\$22.62
Avera	age hourly rate		#DIV/0I		\$22.26		\$20.94		·				-		•
	Overhead @	160%	\$0	160%	\$4,808	160%	\$2,446	160%	\$1,479	160%	\$1,336		\$790		\$10,859
	Subtota	l i	\$0		\$7,813		\$3,974		\$2,403		\$2,172		\$1,284		\$17,646
	Fixed Fee @	10%	\$0	10%	\$781	10%	\$397	10%	\$240	10%	\$217	10%	\$128		\$1,765
Total Labor, O	verhead and Fi	ixed Fee	\$0)	\$8,594		\$4,371		\$2,644		\$2,389		\$1,413		\$19,411
Direct Costs									•-		••				•
Travel Hotel 8			\$0		\$0		\$0		\$0		\$0		\$0		\$0
Printing & Rep			\$0		\$150		\$100		\$100		\$100		\$100		\$550
•	d Express Pac	kages	\$0		\$25		\$40		\$40		\$40		\$40		\$185
Survey Equip			\$0		\$0		\$0		\$0		\$0		\$0		\$0 50
Special Equip	ment Rental		\$0		\$0		\$0		\$0		\$0		\$0		\$0
Other			\$0		\$0		\$0		\$0		\$0		\$0		\$0
	Total Direct	Costs	\$0)	\$175		\$140		\$140		\$140		\$140		\$735
Subcontractors	5								-						••
ECI			\$0		\$0		\$0		\$0		\$0		\$0		\$0
E2CR			\$0		\$0		\$0		\$0		\$0		\$0		\$0
E2SI			\$0		\$0		\$0		\$0		\$0		\$0		\$0
Dr. Znidarcic			\$0		\$10,000		\$0		\$0		\$0		\$0		\$10,000
Jim Galli			\$0)	\$0		\$0		\$0		\$0		\$0		\$0
	Total Subco	ontractor	\$0)	\$10,000		\$0		\$0		\$0		\$0		\$10,000
Тс	otal Task Costs		\$0)	\$18,769		\$ 4,511		\$2,784		\$2,529	,	\$1,553		\$30,146

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

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Gahagan & Bryant Associates, Inc.

Task 2.1.6 Plan and Design Marsh

	Hourly	Sub-Ta	isk 2.1.6.a	Sub-Ta	lsk 2.1.6.b	Sub-Ta	isk 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	an \$53.30	0	\$0	0	\$0	0	\$0	0	\$0	0	\$ 0
J F Bryant	\$53.30	ŏ	\$0	ŏ	\$0	ō	\$0	ō	\$0	ō	\$0
R F Thomas	•	ŏ	\$0	ō	\$0	Ō	\$0	ō	\$0	ō	\$0
D C Urso	\$36.78	ō	\$0	ō	\$0	ō	\$0	Ō	\$0	0	\$0
P R Steele	\$37.55	Ō	\$0	Ō	\$0	Ō	\$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	\$0
S W Tracey	\$20.19	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
T M Donega	n \$21.63	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
W J Dinicola	\$20.67	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
W H Schwa	z \$35.80	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
W Nuckols	\$19.23	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
J P Yachme	tz \$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 Patterso	n \$13.00	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
	Totals	0	\$0	0	\$0	0	\$0	0	\$0	о	\$0
Av	erage hourly rate		#DIV/01		#DIV/0!		#DIV/0I		#DIV/0I		#DIV/0!
	Overhead @	160%	¢o	160%	\$0	160%	\$0	160%	\$0		\$0
	Subtotal		\$0 \$0	100 /8	\$0 \$0	10078	\$0 \$0	100 /0	\$0		\$0
	Fixed Fee @	10%	\$0	10%	\$0	10%	\$0	10%	\$0		\$0
Total Labor,	Overhead and Fi		\$0	10 /0	\$0		\$0	10,0	\$0		\$0
Direct Costs			¢0		¢0.		\$0		\$0		\$0
	& Per Diem		\$0 \$0		\$0 \$0		\$0 \$0		\$0 \$0		\$0 \$0
	Reproduction		\$0 \$0		\$0 \$0		\$0 \$0		\$0 \$0		\$0
	and Express Pack	ayes	\$0 \$0		\$0 \$0		\$0 \$0		\$0		\$0
	ipment Use		\$0 \$0		\$0 \$0		\$0 \$0		\$0 \$0		\$0
Other	uipment Rental		\$0 \$0		\$0 \$0		\$0 \$0		\$0		\$0
Other			φU		ψŪ		φU		ΨŪ		••
	Total Direct	Costs	\$0		\$0		\$0		\$0		\$0
Subcontract	ors										
ECI			\$0		\$0		\$0		\$0		\$0
E2CR			\$0		\$0		\$0		\$0		\$0
E2SI			\$0		\$0		\$0		\$0		\$0
Dr. Znidarc	ic		\$0		\$0		\$0		\$0		\$0
Jim Galli			\$0		\$0		\$0		\$0		\$0
	Total Subco	ntractor	\$0		\$0		\$0		\$0		\$0
	Total Task Costs		\$0		\$0		\$ 0		\$ 0		\$0

NOTES:

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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

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Task 2.1.6

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Material Management Plan for First Dredging Cycle Task 2.1.7

	Hourly	Sub-Ta	ask 2.1.7.a	Sub-Ta	ask 2.1.7.b	Sub-Ta	ask 2.1.7.c	Sub-Ta	ask 2.1.7.d	Sub-T	ask 2.1.7.e	Sub-Ta	isk 2.1.7.f	Sub-Ta	isk 2.1.7.a	Tota	Task
Individual	Rate	hours	Labor	hours	Labor	hours	Labor	hours	Labor	hours	Labor	hours	Labor	hours	Labor	hours	Labor
W G Gahagar	n \$53.30	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0	0	¢0	•	•
J F Bryant	\$53.30	ō	\$0	-	\$0	ŏ	\$0		\$0 \$0		\$0 \$0	0	\$0 \$0	0	\$0 \$0	0	\$ 0
R F Thomas	\$32.00	Ō	\$0	-	\$0	ŏ	\$0		\$0	ő	\$0	0	\$0 \$0	0	\$0 \$0	0	\$ 0
D C Urso	\$36.78	Ō	\$0	-	\$0	ŏ	\$0	-	\$0		\$0	10	\$368	5	\$184		\$0 \$550
P R Steele	\$37.55	Ō	\$0		\$0	õ	\$0		\$0	-	\$0	0	-	0		15	\$552
G T Bryant	\$43.13	ō	\$0	-	\$0	õ	\$0	-	\$0 \$0		\$0	0	\$0 \$0	0	\$0 ¢0	0	\$ 0
R A Roman	\$34.13	ō	\$0	-	\$0	ő	\$0	-	\$0 \$0		\$0 \$0	0	\$0 \$0	0	\$0 \$0	0	\$0
Lee Hurm	\$29.75	ō	\$0	ŏ	\$0	ő	\$0	-	\$0 \$0		\$0 \$0	0	\$0 \$0	0	\$0 \$0	0	\$0
R K Mohan	\$33.65	õ	\$0	ŏ	\$0	ő	\$0	-	\$0 \$0		\$0 \$0	5	ար 168	0	\$0 \$0	5	\$0
S W Tracey	\$20.19	õ	\$0	ŏ	\$0	ŏ	\$0	ő	\$0 \$0		30 \$0	40	\$100	0	•	-	\$168
T M Donegan	\$21.63	õ	\$0	ŏ	\$0	ŏ	\$0		\$0 \$0	0	\$0 \$0	30	\$649	5	\$0	40	\$808
W J Dinicola	\$20.67	õ	\$0	ŏ	\$0	ŏ	\$0	ő	\$0 \$0	ő	\$0 \$0	20	\$049 \$413	20	\$108	35	\$757
W H Schwarz	\$35.80	õ	\$0	ŏ	\$0	ő	\$0 \$0	0	\$0 \$0	0	\$0 \$0	20	-		\$413	40	\$827
W Nuckols	\$19.23	ŏ	\$0	ő	- \$0	ő	\$0 \$0	0	30 \$0	0	\$0 \$0	0	\$0 \$0	0	\$0	0	\$0
J P Yachmetz	•	ŏ	\$0	ő	\$0	0	\$0 \$0	0	\$0 \$0	0	\$0 \$0	0	\$0 \$0	0	\$0	0	\$0
E DeAngelo	\$21.63	ő	\$0	0	\$0 \$0	0	\$0 \$0	0	\$0 \$0	0			÷-	0	\$ 0	0	\$0
P L Patterson	\$13.00	ŏ	\$0 \$0	0	\$0 \$0	0	30 \$0	0	\$0 \$0	0	\$0	10	\$216	0	\$0	10	\$216
r Er ausison	\$13.00	Ū	φU	U	2 0	U	20	U	\$ 0	U	\$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
Aver	age hourly rate		#DIV/0!		#DIV/0I		#DIV/0I		#DIV/0!		#DIV/0!		\$22.80		\$23.52		\$22.95
	Overhead @	160%	\$0	160%	\$0	160%	\$0	160%	\$0	160%	\$0	160%	\$4,196	160%	\$1,129		\$5,324
	Subtotal		\$0		\$0		\$0		\$0		\$0		\$6,818		\$1,834		\$8,652
	Fixed Fee @	10%	\$0	10%	\$0	10%	\$0	10%	\$0	10%	\$0	10%	\$682	10%	\$183		\$865
Total Labor, O	verhead and Fiv	ed Fee	\$0		\$0		\$0		\$0		\$0		\$7,500		\$2,018		\$9,517
Direct Costs																	
Travel Hotel &	Per Diem		\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$ 0
Printing & Rep			\$0		\$0		\$0		\$0		\$0		\$75		\$100		\$175
Telephone an	d Express Pack	ages	\$0		\$0		\$0		\$0		\$0		\$25		\$20		\$45
Survey Equip	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
Subcontractor	_																
ECI	•		\$0		\$0		Č 0		•								
E2CR			\$0 \$0		\$0 \$0		\$0 \$0		\$0		\$0		\$0		\$0		\$0
E2SI			\$0 \$0		\$0 \$0		•		\$0		\$0		\$0		\$0		\$0
Dr. Znidarcic			φ0 \$0		\$0 \$0		\$0 \$0		\$0		\$0		\$0		\$0		\$0
Jim Galli			•				\$0		\$ 0		\$0		\$0		\$0		\$0
Jim Gain			\$0		\$0		\$0		\$0		\$0		\$0		\$0	•	\$0
	Total Subcor	tractor	\$0		\$0		\$0		\$0		\$0		\$0		\$0		\$ 0
Το	tal Task Costs		S 0		\$ 0		\$ 0		\$ 0		\$ 0		\$7,600		\$2,138		\$9 ,737

NOTES:

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.d Upland Cell Filling Procedures

Sub-Task 2.1.7.6 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

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Task 2.1.7

\$9,737

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Gahagan & Bryant Associates, Inc.

Task 2.1.8 Filling Schedule and Quantities for First Placement Cycle

Individual	Hourly Rate	Sub-Ta: hours	sk 2.1.8.a Labor	Sub-Ta hours	sk 2.1.8.b Labor	Sub-Ta hours	sk 2.1.8.c Labor	Total hours	Task 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	\$0 \$0
D C Urso	\$36.78	0	\$0	0	\$0	0 0	\$0 \$0	0	\$0 \$0
P R Steele	\$37.55	0	\$0 \$0	0	\$0 \$0	0	ֆՍ \$0	0	\$0 \$0
G T Bryant	\$43.13	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
Lee Hurm	\$29.75	0	\$0 \$0	0	\$0 \$0	0	\$0 \$0	ő	\$0
R K Mohan	\$33.65	0	\$0 \$0	0	\$0 \$0	0	\$0 \$0	ő	\$0
S W Tracey	\$20.19	0	ֆՍ ՏՕ	0	\$0 \$0	0	\$0 \$0	0	\$0 \$0
T M Donegan	\$21.63	0	\$0 \$0	0	\$0 \$0	0	\$0 \$0	Ő	\$0
W J Dinicola	· \$20.67		\$U \$0	0	\$0 \$0	0	\$0 \$0	0	\$0 \$0
W H Schwarz	\$35.80	0	\$0 \$0	0	\$0 \$0	ŏ	\$0 \$0	Ö	\$0 \$0
W Nuckols	\$19.23	-	•	0	\$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 60	0	\$0 \$0	0	\$0 \$0	0	\$0 \$0
P L Patterson	\$13.00	0	\$0	U	20	U	4 0	0	φU
	Totals	0	\$0	0	\$O	0	\$0	0	\$0
Avera	ge hourly rate		#DIV/0I		#DIV/0I		#DIV/01		#DIV/0!
	Overhead @	160%	\$0	160%	\$0	160%	\$0		\$0
	Subtotal		\$0		\$0		ŝo		\$0
	Fixed Fee @	10%	\$0	10%	\$0	10%	\$0		\$0
Total Labor, Ov			\$0		\$0		\$0		\$0
Direct Costs									
Travel Hotel &	Der Diem		\$0		\$ 0		\$0		\$0
Printing & Rep			\$0 \$0		\$0		\$0		\$0
Telephone and		anes	\$0		\$0		\$0		\$0
Survey Equipr			\$0		\$0		\$0		\$0
Special Equipr			\$0		\$0		ŝo		\$0
Other			\$0		\$0		\$0		\$0
	Total Direct	Costs	\$0		\$0		\$0		\$0
Subcontractors									
ECI			\$0		\$0		\$0		\$0
E2CR			\$0		\$0		\$0		\$0
E2SI			ŝo		\$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	I.	\$ 0		\$0		\$0
NOTES:							1	ľask 2. 1.8	\$0
0.1		O	Catimate						

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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

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Gahagan & Bryant Associates, Inc.

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Task 2.1.9	Technical A		for Plans a	nd Specif	fications for	Dredging	
				-			
	Hourly		sk 2.1.9.a		isk 2.1.9.b		lTask
Individual	Rate	hours	Labor	hours	Labor	hours	Labor
W G Gahagan	\$53.30	0	\$0	0	\$0	о	\$0
J F Bryant	\$53.30	ŏ	\$0	õ	\$0	ō	\$0
R F Thomas	\$32.00	ō	\$0	ō	\$0	ō	\$0
D C Urso	\$36.78	Ō	\$0	Ō	\$0	ō	\$0
P R Steele	\$37.55	Ō	\$0	Ō	\$0	ō	\$0
G T Bryant	\$43.13	Ō	\$0	Ō	\$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	Ō	\$0	Ō	\$0	0	\$0
T M Donegan	\$21.63	0	\$0	0	\$0	0	\$0
W J Dinicola	\$20.67	Ō	\$0	Ō	\$0	ō	\$0
W H Schwarz	\$35.80	ō	\$0	ō	\$0	Ō	\$0
W Nuckols	\$19.23	Ó	\$0	Ō	\$0	ō	\$0
J P Yachmetz	\$13.50	Ō	\$0	ō	\$0	Ō	\$0
E DeAngelo	\$21.63	0	\$0	0	\$0	0	\$0
P L Patterson	\$13.00	Ō	\$0	0	\$0	Ō	\$0
	•		• -		• -		
	Totals	0	\$0	0	\$0	0	\$0
Avera	ge hourly rate		#DIV/0!		#DIV/01		#DIV/0!
	Overhead @	160%	\$0	160%	\$0		\$0
	Subtotal	100 /8	\$0	10076	\$0		\$0
	Fixed Fee @	10%	\$0	10%	\$0		\$0
Total Labor, Ov			\$0	1078	\$0		\$0
			•••		••		•••
Direct Costs Travel Hotel &	Per Diem		\$0		\$0		\$0
Printing & Rep			\$0		\$0		\$0
Telephone and		ages	\$0		\$0		\$0
Survey Equipri	•	ugeo	\$0		\$0		\$0
Special Equipr			\$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 \$0

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

Total Subcontractor

Total Task Costs

Jim Galli

NOTES:

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\$0

\$0

\$0

\$0

\$0

\$0

\$0

Task 2.1.9

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\$0

\$0

\$0

Gahagan & Bryant Associates, Inc.

Vegetative Management Technical Analysis Task 3.2

	Hourly	Sub-Ta	ask 3.2.1	Sub-T	ask 3.2.2	Sub-Ta	ask 3.2.3	Tota	l Task
Individual	Rate	hours	Labor	hours	Labor	hours	Labor	hours	Labor
	fc2 20	0	\$0	0	\$0	0	\$0	0	\$ 0
W G Gahagan J F Bryant	\$53.30 \$53.30	0	\$0 \$0	0	\$0 \$0	ŏ	\$0 \$0	ő	\$0
R F Thomas	\$32.00	0	\$0 \$0	5	\$160	ŏ	\$0	5	\$160
D C Urso	\$32.00 \$36.78	5	\$184	10	\$368	ŏ	\$0	15	\$552
P R Steele	\$37.55	ő	\$0	0	\$0	ŏ	\$0	0	\$0
G T Bryant	\$43.13	ŏ	\$0	ŏ	\$0	ŏ	\$0	ō	\$0
R A Roman	\$34.13	ŏ	\$0 \$0	ŏ	\$0	ŏ	\$0	ō	\$0
Lee Hurm	\$29.75	ŏ	\$0	ŏ	\$0	ŏ	\$0	0	ŝo
R K Mohan	\$33.65	10	\$337	40	\$1,346	ō	\$0	50	\$1,683
S W Tracey	\$20.19	0	\$0	30	\$606	Ō	\$0	30	\$606
T M Donegan	\$21.63	ŏ	\$0	80	\$1,730	5	\$108	85	\$1,839
W J Dinicola	· \$20.67	10	\$207	20	\$413	20	\$413	50	\$1,034
W H Schwarz	\$35.80	0	\$0	0	\$0	0	\$0	0	\$0
W Nuckols	\$19.23	30	\$577	20	\$385	Ō	\$0	50	\$962
J P Yachmetz	\$13.50	õ	\$0	20	\$270	Ō	\$0	20	\$270
E DeAngelo	\$21.63	ō	\$0	0	\$0	0	\$0	0	\$0
P L Patterson	\$13.00	Ő	\$0	0	\$0	0	\$0	0	\$0
	Totals	55	\$1,304	225	\$5,278	25	\$522	305	\$7,103
Averag	je 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, Ove	erhead and Fi	xed Fee	\$3,729		\$15,095		\$1,492		\$20,316
Direct Costs									
Travel Hotel & I	Per Diem		\$0		\$0		\$0		\$0
Printing & Repr	oduction		\$0		\$380		\$40		\$420
Telephone and	Express Pack	ages	\$0		\$80		\$0		\$80
Survey Equipm	ent Use		\$0		\$0		\$0		\$0
Special Equipm	ient Rental		\$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		\$0		\$4,000
Tot	al Task Costs		\$5,229		\$18,055		\$1,532		\$24,816
NOTES:								Task 3.2	\$2 4,816

 Sub-Task 3.2.1
 Vegetative Management Analysis

 Sub-Task 3.2.2
 Hydraulic Analysis for Wetland Circulation

 Sub-Task 3.2.3
 Planning and Task Management

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Vegetative Planning Task 3.3

	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	Tota	l Task
Individual		hours	Labor	hours	Labor	hours	Labor	hours	Labor	hours	Labor
W G Gahaga	n \$53.30	0	\$0	0	\$0	0	\$0	0	\$0	0	\$0
J F Bryant	\$53.30	Ō	\$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	\$0
S W Tracey	\$20.19	0	\$0	5	\$101	15	\$303	0	\$0	20	\$404
T M Donegan	•	0	\$0	20	\$433	15	\$324	0	\$0	35	\$75 7
W J Dinicola	\$20.67	Ō	\$0	0	\$0	0	\$0	20	\$413	20	\$413
W H Schwarz		ō	\$0	0	\$0	ō	\$0	0	\$0	0	\$0
W Nuckols	\$19.23	ő	\$0	40	\$769	40	\$769	10	\$192	90	\$1,731
J P Yachmetz		ő	\$0	0	\$0	0	\$0	0	\$0	0	\$0
E DeAngelo	\$21.63	ŏ	\$0	ő	\$0		\$0	õ	\$0	ō	\$0
P L Pattersor	• - · · ·	Ő	\$0	ŏ	\$0		\$0	Ō	\$0	0	\$0
	Totals	0	\$0	70	\$1,487	80	\$1,764	35	\$790	185	\$4,041
Ave	rage hourly rate		#DIV/01		\$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		\$459	10%	\$205		\$1,051
Total Labor, (Overhead and Fi		\$0		\$4,252		\$5,046	•	\$2,258		\$11,556
Direct Costs											
Travel Hotel	& Per Diem		\$0		\$0		\$0		\$0		\$0
Printing & Re			\$0		\$100		\$120		\$50		\$270
Telephone a	nd Express Pack	kages	\$0		\$25		\$40		\$10		\$75
Survey Equi		-	\$0		\$0		\$0		\$0		\$0
	ipment Rental		\$0		\$0		\$0		\$0		\$0
Other			\$0		\$0		\$0		\$0		\$0
	Total Direct	Costs	\$0		\$125		\$160		\$60		\$345
Subcontracto	ors										
ECI			\$0		\$0		\$0		\$0		\$0
E2CR			\$0		\$0		\$0		\$0		\$0
E2SI			\$0		\$0		\$0		\$0		\$0
Dr. Znidarcio	0		\$0		\$0		\$0		\$0		\$0
Jim Galli			\$0		\$0		\$0		\$0		\$0
	Total Subco	ontractor	\$0		\$0		\$0		\$0		\$0
-	Total Task Costs		\$ 0		\$4,377	,	\$5,206		\$2,318		\$11,901
NOTES:										Task 3.3	\$11,901
Cub Took 2 S		et Diant 7	0000								

 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

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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

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

BUDGET SUMMARY

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									S LABOR											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	Cost	
Project Director/Senior Planner	Wayne Young	\$34,839	\$509	\$ 2,313	\$36	\$ 110	\$363	\$406	\$ 36	\$2,382	\$1,567	\$1,766	\$36	\$145	\$ 436	\$1,744	\$712	\$729	\$4 8,128	Project/Operations Planning, Contract Oversight, Tech. Review
Project Manager	see note at right	\$42,307	\$936	\$3,067	\$194	\$638	\$1,353	\$749	\$97	\$2,549	\$5,640	\$416		\$832	\$1,144	Fo 004				Project Management, Ops Planning, Note: K. Wikar thru 10/20/00
Senior Environmental Scientist	Cecelia Donovan	\$4,589	\$5,027	\$0	S 0	\$0	\$1,395	\$0	\$0	\$1,526	\$0	\$234	\$0 \$0	\$1,620	\$1,507	\$2,081 \$3,464	\$1,457 \$8,399	\$3,605 \$0		S. Storms from 10/20 Environmental Science/Monitoring
Environmental Scientist	Tammy Banta	\$1,227	\$0	S O	\$ 0	\$ 0	\$ 0	S 0	S 0	\$100	S 0	50 \$ 0	\$0	S 0	\$0	S 0	S 0	S 0		Environmental Science/Monitoring
																				Alternate Project Manager, Environmental Science. Position will be backfilled or hours reprogrammed to others upon assignment as
Alt. Project Manager/ Env. Scientist	Steve Storms	\$12,701	\$3,513	\$0	S O	S 0	\$1,133	\$0	\$ 0	\$1,726	S 0	\$398	\$1,385	\$767	· \$1,151	\$2,912	\$5,946	\$767		project manager.
Project Management Specialist Environmental Specialist	see note at right Melissa Slatnik	\$14,168 \$4,852	\$0 \$4,007	\$0 \$726	\$0 \$119	\$0 \$242	\$0 \$734	\$0 \$365	\$0 \$59	\$0 \$488	\$0	S 0	\$0	\$0	\$0	\$0	\$0	\$3,312	\$17,480	
Environmental Specialist	Sue Kelly	\$732	\$0	\$0 \$0	\$0	\$0	\$0	\$0	\$0 \$0	\$0	\$2,141 \$0	\$0 \$0	\$178 \$0	\$1,452 \$0	\$726 \$0	\$726 \$0	\$4,235 \$0	\$726 \$0	\$21,778 \$732	Contract Mgt.Support/Env. Science/Geology Environmental Science/Biology
Environmental Specialist Environmental Specialist	Tom Humbles Erika Kehne	\$1,318 \$576	\$268 \$278	- S O	\$0 \$0	50 50	\$0 \$0	\$0 \$0	\$0 \$0	\$653 \$0	50 593	\$0 \$0	\$3,181 \$0	\$0 \$139	\$0 \$0	\$0	\$0	\$0	\$5,420	Environmental Technical/Inspection, Phragmites Control
Environmental Specialist	Doug Taylor	\$487	\$218	\$0	SO	\$0	\$0 \$0	\$0 \$0	S O	\$429	\$ 0	\$0	S0 S0	\$139	S0 S0	\$278 \$0	\$1,621 \$0	50 50		Environmetal Technical Environmental Technical/Inspection
Environmental Specialist Senior Engineer	Gwen Neate William Chicca	\$332 \$4,832	\$553	\$0 \$2,435	\$0 \$0	\$0 \$0	\$553 \$0	50 50	\$0. \$0	\$0 \$0	\$0 \$0	\$0	\$0	\$664	\$553	\$332	\$ 1,936	\$0	\$4,923	
Engineer, Civil	Larry Walsh	\$1,397	\$0	\$0	\$0	S O	\$0 \$0	\$0 \$0	soi	\$0 \$0	\$1,027	50 50	\$0 \$0	\$0 \$0	\$0 \$0	50 50	50 50	\$0 \$0		Engineering Planning and Review
Engineer, Civil Engineer, Civil	David Foster R. Shane Moore	\$923 \$14,626	50 50 50 50 50	\$0 \$1,295	\$0 \$0	\$0 \$250	\$0 \$654	\$0 \$345	50 50 50	\$0 \$327	\$3,395 \$4,400	\$0 \$750	\$0 \$0	.SO SO	\$0 \$0	\$0	S 0	so	\$4,318	Engineering Design Evaulation, Cost Estimates
Engineer, Civil	Les Shaw	\$931	\$0	\$0	\$0	\$0 \$0	\$0	\$0	\$0.	\$327	\$1,826	\$750	\$0 \$0	\$0	\$0	\$327 \$0	\$0 \$0	\$864 \$0	\$23,839 \$2,757	Civil and Dredging Engineering, Surveys Engineering Design Evaulation, Cost Estimates
	Charles Peng Ellis Heath	\$755 \$2,256	\$0	02 02	\$0 \$0	SO SO	S 0	\$0 \$0	\$0 \$0	\$0 \$0	\$1,665	\$0 \$0	\$0	\$0	soj	\$0	\$0	S 0	\$2,420	Engineering Design Evaulation, Cost Estimates
Operations Field Supervisor	Allen West	\$1,822	\$0 \$0	\$0	S O	\$0	\$0	\$0	\$0	\$0 \$0	\$2,084 \$0	\$146	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	S0 S0		Construction Engineering Field Operations Planning
	James Travy Chris Nomis	\$2,171 \$1,175	\$0 \$417	\$0 50	\$0 \$0	\$0 \$0	\$108	\$0	\$0 \$0	\$0 \$167	\$108	\$123 \$0	so	\$0	so	\$0	\$0	\$616	\$3,125	Environmental Inspection Planning
CAD Technician	Mark Cohoon	\$1,062	S O	\$0 \$0	\$0	SO	\$0 \$0	\$0 \$0	\$0	\$167	\$1,623 \$0	SO	20 20	\$667 \$0	\$0 \$0	\$334 \$291	\$417 \$291	\$0 \$0	\$4,798 \$1.644	CAD Drawings, Document Preparation CAD Drawings, Document Preparation
Marine Operations Specialist	Jeffrey Pitts Brian Wolff	\$1,828 \$253	\$0 \$0	\$0 \$0	\$0 \$0	\$0 50	\$0 50	\$0 50	\$0 \$0	S O	898 02	50 50	\$0	50	\$0	\$ 0	S O	\$0	\$2,725	Marine Operations, Construction Inspection
Boat/Equipment Operator	various	\$960	\$0	\$0	\$0	\$0 \$0	\$0	\$0	\$0	\$0	· \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$180	\$0 \$79,200		Engineering Technical Support Boat/Equipment Operation (Contingent Item)
abor Sub-Total	<u>1</u>	\$153,116	\$15,726	\$9,836	\$349	\$1,239	\$6,292	\$1,865	\$192	\$10,348	\$26,466	\$3,833	\$4,781	\$6,286	\$5,517	\$12,489	\$25,194	\$89,820	\$373,350	considering the same (considering the same
ringe @ 44.2% of labor Overhead @ 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	r .	\$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	
DIRECT COST		··-··					· · · · -												0,00,140	
Mileage		\$2,313	\$419	\$ 256	\$23	\$47	so	\$47	\$23	\$256	\$721	\$ 116	\$767	\$93	\$ 93	\$372	\$326	50	\$5.870	
Travel, Lodging, Per Diem Supplies and Materials		\$3,000	\$0	\$0	\$23 \$0	\$47 \$0	\$0	S O	\$0	\$0	\$0	S O	\$0	\$0	\$ 0	\$0	S 0	\$36,000	\$39,000	
Printing & Reproduction		\$7,125 \$1,250	\$330 \$0	\$20 \$0	\$10 \$0	\$20 \$0	\$20 \$0	\$10 \$0	\$10 \$0	\$60 \$0	\$425 \$70	\$15 \$25	\$535 SO	\$70 \$200	\$50 \$200	\$300 \$600	\$150 \$250	S0 S0	\$9,150 \$2,595	
Postage		\$1,360	\$115	\$20	\$10	\$20	\$20	\$10	\$10	\$50	\$100	\$25 \$20	\$10	\$70	\$70	\$50	\$70	SO	\$2,005	
felephone, Communications		\$190	\$ 60	\$20	\$10	\$20	\$20	\$10	\$10	\$50	\$100	\$ 15	\$85	\$40	\$40	\$20	\$70	S 0	\$760	
MES CAD Burden Rate /ehicle Service/Rental		\$1,008	\$360	\$0	S 0	\$ 0	S O	S 0	\$0	\$180	\$1,422	\$0	S 0	\$576	S 0	\$576	\$612	so		CAD Service Center charges which are not a component of MES overhead
Penicie Service/Rental Boat Service/Rental		\$0 \$0	50 50	\$0 \$300	\$0 \$0	\$0 \$0	02 02	\$0 \$0	\$0 \$0	\$0. SOI	\$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
Special Equipment		SO	\$0	\$0	\$0	\$0	\$0	\$0	S 0	\$0	so	\$ 0	\$0	S 0	\$0 \$0	\$0	\$0	\$60,000	\$200,600	Includes combination of small crewboat and chartered service Task 17 Contingent item - specialized equipment
Other Contracted Services (GBA)		\$0 \$230,541	\$70 \$0	\$0 \$194,761	\$0 \$83,016	\$0 \$69,263	\$0 \$23,449	\$0 \$41,261	\$0 \$10,147	\$0 \$10,135	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$70,776	\$0 \$85,003	\$0 \$0	50 50	\$226,200	\$226,270	Task 17: Other logistics support. Includes fuel and barge services.
Contracted Services (Dolinar)	[.]	\$7,000	\$0	\$0	S O	\$ 0	\$0	\$ 0	\$0	SO	\$0	\$2,000	\$0	\$0,770	\$0,003	\$0 \$0	\$0 \$0	S0 S0	\$818,352 \$9,000	Dredging Engineering Planning and Technical Services Engineering/Dredged Matt. Mgt. Planning, Cost Estimates
Contracted Services (Moffat & Nichol) Contracted Services (consultant)		\$10,000 \$0	\$0 \$0	\$0 \$0	50 50	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0 \$0	\$32,500 \$18,000	\$0 \$0	S O	SO	SO	S O	\$0	\$0	\$42,500	Coastal and Civil Engineering Support
Contracted Services		so	S 0	\$0	SO	\$0	\$0	\$0 \$0	\$0 \$0	\$ 0	\$7,500	\$0	\$0 \$7,500	\$0 \$0	20	\$0 \$0	50 50	\$0 \$0		Electrical Layout Planning and Design Aerial Spraying and Burning Services
Contracted Services		\$0 \$0	\$0 \$0	\$0 50	\$0 \$0	\$0 \$0	\$0 \$0	\$0	\$0	\$0	\$0	S 0	S 0	50	\$0	\$0	S 0	so	\$0	
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	\$0 \$6,918	\$0 \$4,478	\$0 \$608,700	\$0 \$1,552,836	
																··				
UBTOTAL (Labor and Direct Cos	515)	\$553,365	\$31,097	\$213,980	\$83,730	\$71,714	\$35,410	\$44,865	\$10,564	\$30,304	\$112,112	\$9,440	\$21,540	\$83,715	\$95,891	\$30,539	\$52,132	\$778,587	\$2,258,984	

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 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 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 Quantifies for First Placement Cycle (CENAB Item 2.1.8)

 Task 9: Technical Assistance for Planning First Placement Cycle (CENAB Item 2.1.3)

 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 Plan (Initial concept plan)

 Task 14: Usegian Crust Management Plan (Initial concept plan)

 Task 15: Public Meetings Technical Analysis (CENAB Item 3.2)

 Task 14: Vegetative Management Plan isign Support (CENAB Item 5.2)

 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 3 MES Proposal ED- 03-01 October 25, 2000 Page 1

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BUDGET REVISION REQUEST FOR	TASK 1 THR	OUGH	ECEMBE	R 31, 2001	<u> </u>	+		+		+	+	<u> </u>				L				<u> </u>	MES F
					<u> </u>	<u>.</u>	!			+	<u> </u>	<u> </u>				L					
MES LAB	BOR					Subtask	1.1	·····	1		Subtask	1.2	<u>!</u>	1	!	l Enter					
		FY00	FY01		Tart		-					Task		1	Task	Subtas	<u>sk 1.3</u>			SK TOTALS	Work
		Hourty	Hourty	FY00 Est.	Task	EVOD E	Task t. Amend #	.		Task		Amend		FY00	Arnend.		Task	1			
Category	Employee	Rate	Rate		Est. Hours				Hour	t. Amend. #1 Est. Hours	FY00 Est.			Est.			t. Amend #			1	
									nours	ICSL HOURS	Cost	Cost	Cost	Hours	Hours	Cost	Est. Cost	t Cost	Hours	Cost	
Project Director/Senior Planner	Wayne Young	\$35.6	\$37.04	200	288	\$7,12	2 \$10.66	8 \$17,79	0 8	0 80	\$2,849	\$2,963	\$5,812	2 16	5 288		640.0	A			
Project Manager															200		\$10,668	B \$11,23	7 952	\$34,8	339 Project/Operations Planning, Contrac
Senior Environmental Scientist	see note at right Cecelia Donova		\$27.71 \$29.24	160	576						\$1,945	\$2,217	\$4,162	2 96	5 576	\$2.334	4 \$15,961	\$18,29	5 1.568		Project Management, Ops Planning. (307 from 10/20
Environmental Scientist	Tammy Banta	\$25.06	529.24		<u> </u>	<u> </u>			0 8							\$(160	\$4.5	589 Environmental Science/Monitoring
			520.07			»	<u> </u>	<u> </u>	0 2	4 24	\$601	\$626	\$1,227	7		\$0	50 \$0		48	\$1,2	27 Environmental Science/Monitoring
		i i	Ĺ			1					1			Į.				1			
Alt. Project Manager/ Env. Scientist	Steve Storms	\$23.09	\$24.86	24	288	\$55	4 \$7,16	\$7,71	4 80	80	\$1,847	\$1,989	\$3,836	5 24	24	\$554					Alternate Project Manager, Environm
Project Management Specialist												- +1,000		4		- 3004	\$597	\$1,15	520	\$12,7	101 of nours reprogrammed to others upo
Environmental Specialist	see note at right Melissa Slatnik				144		53,312			40	\$0	\$920	\$920	ol	432	\$0	\$9,936	\$9,936	816		Contracting Planning and Documenta 68 being filled
Environmental Specialist	Sue Kelly	\$14.87	\$15.38		·	<u>\$</u>				40			\$920 \$1,210	96		\$1,428	\$2,215			\$4.8	52 Contract Mot Support/Env Science/G
Environmental Specialist	Tom Humbles	\$16.23	\$16.72		··	<u> </u>							\$732	2		\$0	\$0	\$0	48	\$73	321Environmental Science/Biology
Environmental Specialist	Erika Kehne	\$11.58	\$12.40			S(\$1,318			\$0			80	\$1.3	18 Environmental Technical/Inspection
Environmental Specialist	Doug Taylor	\$13.35	\$13.62			50			24				\$576	2	<u>↓</u> ↓	\$0			48	\$57	76 Environmetal Technical
Environmental Specialist	Gwen Neate	\$0.00	\$13.83			\$0				24	\$160	\$327	\$487 \$332		┢────┥	\$0				\$48	87 Environmental Technical/Inspection
Senior Engineer Engineer, Civil	William Chicca	\$36.48	\$38.04		80			\$3,043	3 24	24			<u>\$332</u> \$1,788	;	┼───┤	\$0 \$0				\$33	32 Environmental Technical
	Larry Walsh	\$28.53				\$0		\$0	24	24		\$712	\$1,397		├───	\$0 \$0				\$4,83	32 Engineering Planning and Review
angineer, erm	David Foster	\$28.29	\$29.42		<u></u>	\$0	<u>sc</u>	\$0) 16	16			\$923		<u>├──</u> ┤					\$1,39	97 Construction Planning
Engineer, Civil	see note at right	\$19.30	\$21.59	~	576										<u>┌────</u> ┤					392	23 Engineering Design Evaulation, Cost
Engineer, Civil	Les Shaw	\$28.53	\$29.68	0	5/6	\$0 \$0					\$463	\$1,727	\$2,190			\$0	\$0	so	680	\$14.62	Civil and Dredging Engineering, Surve
Engineer, Civil	Charles Peng	\$23.13	\$24.06					\$0 \$0		16			\$931			\$0	\$0	\$0	32	\$93	31 Engineering Design Evaulation Cost
	Ellis Heath	\$18.61				50) <u>so</u>			40	\$370	\$385	\$755			\$0	\$0		32	\$75	55 Engineering Design Evaulation, Cost
Operations Field Supervisor	Allen West	\$17.08		24	0	\$410						\$767 \$728	\$2,256			\$0	\$0			\$2,25	56 Construction Engineering
Environmental Dredging Tech												3/20	\$1,412			\$0	\$0	\$0	104	\$1,82	22 Field Operations Planning
	James Tracy	\$13.44				\$0	\$0	\$0	24	120	\$323	\$1,848	\$2,171			¢0					Environmental Operations/Inspection
	Chris Norris Mark Cohoon	\$20.54				\$0	\$0			40	\$329	\$846	\$1,175			\$0	<u> </u>		144	\$2,17	(1) James Tracy or other qualified field or
	Jeffrey Pitts	16.46 \$22.44	19.96 \$23.25			\$0				40	\$263	\$798	\$1,062			\$0	\$0		56	\$1,17	75 CAD Drawings, Document Preparation 52 CAD Drawings, Document Preparation
	Brian Wolff	10.54	10.54			\$0 \$0		<u>\$0</u>		40		\$930	\$1,828			\$0			80		28 Marine Operations, Construction Inspe
Boat/Equipment Operator	various	\$15.00				<u> </u>		\$0 \$0			\$253	<u> </u>	\$253			\$0		\$0	24	\$25	3 Engineering Technical Support
Labor Sub-Total				408	1,952		\$52,579				\$360 \$19,415	\$600	\$960 \$44,300			\$0		\$0	64	\$96	0 Boat/Equipment Operation (Contingen
		1		Î			64,555			1,050	(J	324,000	<u> </u>	232	1,464	\$4.885	\$39.376	\$44,261	6.020	\$153,11	6
Finge @ 44.2% for FY00 & 44.1% for FY01					i	\$5,293			<u></u>		CR EDA	640.074		<u> </u>							
Overhead @ 45% of labor						\$5,389		\$29,050		┝────┤		\$10,974	\$19,556 \$19,935				\$17,365			\$67,56	
Total Loaded Labor		Ļ]					\$99,427			<u>├</u>	\$36,733		\$19,935				\$17,719 \$74,460	\$19,917		\$68,90	
					T											33,243	<u>۵/4,400</u>	\$83,703	┦──┦-	\$289,57	9
DIRECT COST			I				· · · ·		<u> </u>												
Mileage		0.31	0.31	500	1980	\$155	\$614	\$769	500	2000	\$155	\$620	\$775	500	1980				┢───┟		
Travel, Lodging, Per Diern Supplies and Materials		<u> </u>						\$0			\$1,000	\$2,000	\$3,000		1900	\$155	\$614	\$769	┢╌┈┝	\$2,31	
Printing & Reproduction		<u>⊦</u>				\$75	\$1,350	\$1,425			\$200	\$3,600	\$3,800			\$100	\$1,800	\$0 \$1,900	┢──┼-	\$3,000	
Postage		<u> </u>						\$0				\$1,250	\$1,250					\$1,900 \$0	+ +	\$7,125 \$1,250	
Telephone, Communications		┼───┤				\$25	\$450	\$475			\$25	\$450	\$475			\$50	\$360	\$410		\$1,250	
MES CAD Burden Rate		\$18.00	\$18.00			\$0		\$0]			\$0			\$10		\$190		\$1,360	
Vehicle Service/Rental							\$0	\$0	24	32	\$432	\$576	\$1,008			\$0	\$0	\$0		\$1,008	
Boat Service/Rental																				\$0	0
Special Equipment																				\$0	0
Other								50				[-								\$0	0
Contracted Services (GBA) Contracted Services (Dolinar)		\vdash					\$143,158	\$160,245		·	\$22,613	\$25,008	\$47.621			\$3.064			\vdash	\$0	
Contracted Services (Dolinar) Contracted Services (Moffat & Nichol)		├────┤				\$1,500	\$500	\$2,000			\$2,500	\$500	\$3,000	——		\$1,000	\$18,711 \$1,000	\$22,675 \$2,000	┝──	\$230,541	1 Dredging Engineering Planning and Te
Contracted Services (Monat & Nichol)			<u> </u>			\$0	\$0	\$0			\$10,000	\$0	\$10,000			\$1,000	<u>\$1,000</u>		<u>├</u>	\$7,000	D Engineering/Dredged Matl. Mgt. Planni
Contracted Services		┝───┼																	<u>├</u>	\$10,000	0 Coastal Engineering Services
Contracted Services																			├ <u> </u>	\$0 \$0	
		<u> </u>											T							\$0	
Total Direct Costs						\$18.842	\$146,072	\$164,914			220 00E	e24 004								50	
						1 1 1 1 1 1	<u></u>	a104,914		<u> </u>	\$36,925	334,004	\$70,929			\$5,279	\$22,665	\$27,944		\$263,787	
TASK 1 SUBTOTAL (Labor and Direct Costs)	,				<u> </u>	\$41 500	8245 100					1									
		i				00C, I +-	\$245,499	\$286,999			\$73,658	\$81,062	\$154,720			\$14.522	\$97,125	\$111,646	<u> </u>	\$553,365	
Subtask 1.1: Joint Planning Team Support						;			— <u>+</u>									1			
Subtask 1.2: Supplemental Planning, Environme Subtask 1.3: Planning and Task Management for	ental, Engineering	, Technica	and Impler	nentation Service	vices					<u>+</u> _											
	NAMES Tool 4														1	1		H	1		1

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TASK 2 - LONG-TERM MONITORING

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BUDGET REVISION REQUEST FOR TASK 2 THROUGH DECEMBER 31, 2001

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MES LABO	R	T				Subtask					Subtas	2.2				Subtask	2.3		TAS	K TOTALS	Work Performed
		FY00	FY01	Est.	Amend.		Amend		FY00	Armend.		Task			Task		Task	1	<u> </u>		TTOIR PERIORNICO
Category	Employee	Hourty Rate	Hourty Rate	FY00	#1 Est.	FY00 Est.	#1 Est.		Est.	#1 Est.	FY00 Est.				Amend. #1		Amend #1				
Calegoly	Employee	Rate	Rate	Hours	Hours	Cost .	Cost	Cost	Hours	Hours	Cost	Est. Cost	Cost	Hours	Est. Hours	Cost	Est. Cost	Cost	Hours	Cost	
Project Director/Senior Planner	Wayne Young	\$35.61	\$37.04		_ ا	71	74	64.15										1			1
	in a jine roomg	400.01		–	4	· · ·	/*	\$145	4	2	142	74	\$ 217	1	3	36	111	\$147	14	\$509	Project/Operations Planning, Contract Oversight, Tech. Review
Project Manager	see note at right	\$24.31	\$27.71	8	8	194	222	\$ 416	a		194			_					í		Note: K. Wikar until 10/20; S. Storms from 10/20. Project Management, Ops
Senior Environmental Scientist	Cecelia Donovan	\$28.12	\$29.24	40	50	1125	1462	\$2,587	. 12	60		1754	\$194	2	10	49	. 277	\$326	36		Planning
Environmental Scientist	Tammy Banta	\$25.06				0	0	so	'-	~		1/34	\$2,092	2	10	56	292	\$349	174	\$5,027	Environmental Science/Monitoring
						-					ľ	1 Y	30			ן יי	"	\$0		\$0	Environmental Science/Monitoring
												1				1 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		4		e 40			backfilled or hours reprogrammed to others upon assignment as project
													\$1,545	-	Ū	40	U U	\$46	146		manager.
Project Management Specialist	see note at right	\$0.00				o	o	\$0			0	l · o	so	(\$ 0			Contracting Planning and Documentation and Mgt. Support; Note: Position
Environmental Specialist	Melissa Slatnik	\$14.87	\$15.38	60	60	892	923	\$1,815	40	60	595	923	\$1,518	4	40	59	615	\$675	264	ېن 4.007	being filled
Environmental Specialist	Sue Kelly	\$14.22	\$16.27			0	o	\$0			0	o	so	1			015	\$075	204	\$4,007	Task Mgt.Support/Env. Science/Geology Environmental Science/Biology
Environmental Specialist	Tom Humbles	\$16.23	\$16.72		8	0	134	\$134	4	8	0	134	\$134					\$0	16	3U 6069	Environmental Science/Biology
Environmental Specialist	Erika Kehne	\$11.58	\$12.40	24		278	0	\$278	1		Ö	o	\$0					\$0 \$0	24	∂∠0 5	Environmental Technical/Inspection, Phragmites Control Environmetal Technical
Environmental Specialist	Doug Taylor	\$13.35	\$13.62	0	8	o	109	\$109	o	8	0	109	\$109					\$0	24 16	32/8	
Environmental Specialist	Gwen Neate	\$0.00	\$13.83	0	20	0	277	\$277	o	20	0	277	\$277				, SI	\$0	40	\$218 \$553	Environmental Technical/Inspection
Senior Engineer	William Chicca	\$36.48	\$38.04			o	o	\$0	1		Ō		SO			Å		\$0	40		
Engineer, Civil	Larry Walsh	\$28.53	\$29.68			o	o	\$0			0		so	1			, N	\$0	, N	50	Engineering Planning and Review
	David Foster	\$28.29	\$29.42			0	o	\$0	ļ	.	Ō		\$0					\$0		30	Construction Planning
Engineer, Civil	see note at right	\$19.30	\$21.59			0	o	\$0			Ō	0	\$0			្រុំរ	al a	\$0		\$U 60	Engineering Design Evaulation, Cost Estimates
Engineer, Civil	Les Shaw	\$28.53	\$29.68	1		o	o	\$ 0			0	ol	\$0	1			ő	\$0	, S	50	Civil and Dredging Engineering, Surveys
Engineer, Civil	Charles Peng	\$23.13	\$24.06		I	0	0	\$0	1	I	0	ol	\$0				ő	so		30	Engineering Design Evaulation, Cost Estimates
	Ellis Heath	\$18.61	\$19.17	ļ		0	0	\$0			0	o	\$0	1		0		\$0		່ 30	Engineering Design Evaulation, Cost Estimates Construction Engineering
	Allen West	\$17.08	\$18.21	1		oļ	0	\$0		1	0	o	so			0	ň	so	, SI		Field Operations Planning
	James Tracy	\$13.44	\$15.40			0	0	\$0	1		0	o	\$0			ol		so		30 \$0	ried Operators Flanning
	Chris Noms	\$20.54	\$21.15	6	4	123	85	\$208	4	6	82	127	\$209			ő	ő	so	20	\$417	CAD Drawings, Document Preparation
	Mark Cohoon	16.46	19.96	. 1		0	o	\$ 0		1	0	o	\$0			o	ő	\$0	201	\$0	CAD Drawings, Document Preparation
	Jeffrey Pitts	\$22.44	\$23.25			0	0	\$ 0	I		0	o	\$0		-	o	0	\$0		\$0	Marine Operations, Construction Inspection
	Brian Wolff	10.54	10.54		1	0	o	\$0	ļ		0	o	\$0			ő	ő	\$0	ň	\$0	Engineering Technical Support
Boat/Equipment Operator Labor Sub-Total	various	\$15.00	\$15.00			0	0	\$0			0	o	\$0			0	ő	sol	0		Boat/Equipment Operation
				180	200	3607	4279	\$7,886	92	204	1905	4392	\$6,297	11	63	246	1296	\$1,542	750	\$15,726	
																				010,1201	
Fringe (44.2% in FY00; 44.1% in FY01)						\$1,594	\$1,887	\$3,481			\$842	\$1,937	\$2,779	· · · · · ·		\$109	\$571	\$680		CC 044	
Overhead @ 45% of iabor								\$3,549					\$2,834			3103	3 0/1	\$694		\$6,941 \$7,077	
Totai Loaded Labor			1					\$14,917					\$11,910					\$2,916		\$29,743	
	•																			\$23,745	·
DIRECT COST			T	T		1						1		T		·					
Mileage		\$0.31	\$0.31	300	300	\$93	\$93	\$186	300	300	\$93	\$ 93	\$186	75	75	\$23	e 22	الحدم			
Travel, Lodging, Per Diem				I		•		\$0					\$0	13	15	a 23	\$23	\$47		\$419	
Supplies and Materials	1	1			i	150	50	\$200		- 1	\$50	\$50	\$100			10	20	\$0 \$30	1	\$0 \$220	
Printing & Reproduction						1		\$0					\$0				20	\$30 \$0		\$330	
Postage	1					25	25	\$50		1	\$10	\$25	\$35		I	20	10	\$30		\$0	
Telephone, Communications						10	10	\$20	1		\$10	\$10	\$20	1		10	10	\$20	E E	\$115 \$60	
MES CAD Burden Rate		\$18.00	\$18.00	6	4	\$108	\$72	\$180	4	6	\$72	\$108	\$180	<u>ا</u> م		\$0	\$0	\$20			
Vehicle Service/Rental		- 1				1		\$0		1	· • •		\$0	٦	۳	-0	30	\$0		\$360	
Boat Service/Rental			1	1	1			\$0					sol					\$0		\$0 \$0	·
Special Equipment		1						\$ 0	1	1		1	so				1	\$0 \$0		\$0 \$0	
Other (e.g., film processing)						1	35	\$35	1		· .	\$35	\$35			1		\$0 \$0		\$0	-
Contracted Services (GBA)				1				\$0					so		1			501		\$70	
Contracted Services (Dolinar)	1			1				\$0	1	1	1		\$0			1	1	\$0		501	Dredging Engineering Planning and Technical Services
Contracted Services (Moffat & Nichol)				1	1			S 0	1			I	\$0					\$0		50	
Contracted Services								\$0					\$0			I	1	\$0	1	\$U	
Contracted Services	1				·			\$0					so				ł	\$0 \$0		SO	
Contracted Services						1		\$0					so	1				\$0		SU	
								\$0	1	1	I	1	\$0			1		\$0 \$0		30	
Totai Direct Costs						\$386	\$285	\$671			\$235	\$321	\$556			\$63	\$63	\$127		\$1,354	
•												·						<u>#!*' </u>	I		
TASK 2 SUBTOTAL (Labor and Direct Costs)					T	\$386	\$285	\$15,588		T	\$235	\$321	\$12,466		T	\$63	\$63	\$3,043		\$31,097	

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

Attachment 3 MES Proposal ED-03-01 (10/25/00) Page 3

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

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BUDGET REVISION REQUEST FOR TASK 3 THROUGH DECEMBER 31, 2001

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TASK 4 - WETLAND FIELD DATA (CENAB Item 2.1.4)

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BUDGET REVISION REQUEST FOR TASK 4 THROUGH DECEMBER 31, 2001

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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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Subtast 5.1: OBA Subtast 2.1.5.a - PSDDF Modeling Plan Subtast 5.2: OBA Subtast 2.1.5.b - PSDDF Modeling Subtast 5.3: OBA Subtast 2.1.5.c - Assessment of Dreaged Mistariai Elevations Subtast 5.4: OBA Subtast 2.1.5.a - Phase One Cell Volume and Capacity Tables Subtast 5.6: OBA Subtast 2.1.5.a - Elevations Modeling Report Subtast 5.6: OBA Subtast 2.1.5.a - Planning and Task Management

MES Proposal ED-03-01 (10/25/00) Page 6

TASK 6 - PLAN AND DESIGN (CENAB Item 2.1.6)

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BUDGET REVISION REQUEST FOR TASK 6 THROUGH DECEMBER 31, 2001

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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

Attachment 3 MES Proposal ED-03-01 (10/25/00) Page 7

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

BUDGET REVISION REQUEST FOR TASK 7 THROUGH DECEMBER 31, 2001

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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 Filing Procedures Subtask 7.4: GBA Subtask 2.1.7.e - Upland Cell Filing Procedures Subtask 7.5: GBA Subtask 2.1.7.e - Material Placement Pan for Fest Dredged Material Placement Cycle Subtask 7.5: GBA Subtask 2.1.7.e - Material Placement Pan for Fest Dredged Material Placement Cycle Subtask 7.7: GBA Subtask 2.1.7.e - In and Design Dredged Material Fil Anea for Future Use as a Test Plot Subtask 7.7: GBA Subtask 2.1.7.9 - Planning and Task Management

Attachment 3 MES Proposal ED-03-01 (19/25/00) Page 8

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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

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MES	LABOR				Subtask 8.1	(GBA Su	ibtask 2.1.6	3.a)		Subtask 8	.2 (GBA St	<u>ubtask 2.</u> 1.	.8.b)		Subtask 8.	3 (GBA Sub	task 2.1.8	B.C)	TASH	TOTALS	Work Performed
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Category	Employee	Rate	Rate	Hours	Est. Hours	Cost	Cost	Cost	Hours	Est. Hours	Cost	Cost	Cost		Est. Hours		Cost	Cost	Hours	Cost	4
Project Director/Senior Planner	Wayne Young	\$35.61	\$37.04		0	o	0	\$0			\$0	\$0	\$0	1	i o	36	o	\$36	1	\$36	Project/Operations Planning, Contract Oversight, Tech. Review
Project Manager	see note at right	\$24.31	\$27.71			0	0	\$ 0			\$0	\$ 0	\$0	4	۰ o	97	0	\$97	4		Project Management, Ops Planning. Note: K. Wikar thru 10/20/00; S. Storms from 10/20
Senior Environmental Scientist Environmental Scientist	Cecelia Donovan Tammy Banta	\$28.12 \$25.06	\$29.24 \$26.07	•		0	0	\$0 \$0			\$0 \$0	\$0 \$0	\$0 \$0			. 0	0	\$0 \$0	0	\$0	Environmental Science/Monitoring
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Alt, Project Manager/ Env. Scientist	Steve Storms	\$23.09	\$24.86			0	0	\$0			\$0	\$ 0	\$0			0	0	\$ 0		¢0	backfilled or hours reprogrammed to others upon assignment as project manager.
					}														Ĭ	-	Contracting Planning and Documentation and Mgt. Support; Note: Positi
	see note at right Melissa Slatnik	\$0.00 \$14.87	\$23.00 \$15.38		· ·	0	0	\$0 \$0			\$0 \$0	\$0 \$0	\$0 \$0	ه ا		0 59	0	\$0 \$59	0		being filled Task Mgt.Support/Env. Science/Geology
Environmental Specialist	Sue Kelly	\$14.22	\$16.27			ō	o	\$0			\$0	\$0	\$0			0		\$0	ō	\$0	Environmental Science/Biology
	Tom Humbles Erika Kehne	\$16.23 \$11.58	\$16.72			0		\$0 \$0			\$0	\$0	\$0			0	0	\$0	0	\$0	Environmental Technical/Inspection, Phragmites Control
	Enka Kenne Doug Taylor	\$11.58 \$13.35	\$12.40 \$13.62					\$0 \$0			\$0 \$0	\$0 \$0	\$0 \$0			0	0	\$0 \$0	0		Environmetal Technical Environmental Technical/Inspection
Environmental Specialist	Gwen Neate	\$0.00	\$13.83			0	ŏ	\$0	•		\$0	\$0	\$0 \$0			0	o	\$0 \$0	0	\$0 \$0	
Senior Engineer	William Chicca	\$36.48	\$38.04			0	0	\$0			\$0	\$0	\$0			Ō	Ō	\$0	ō		Engineering Planning and Review
	Larry Walsh	\$28.53	\$29.68			0	0	\$0 \$0			\$0	\$0	\$0			0	0	\$0	0	\$0	Construction Planning
	David Foster see note at right	\$28.29 \$19.30	\$29.42 \$21.59					50 50			\$0 \$0	\$0 \$0	\$0 \$0			0	0	\$0 \$0	0	\$0	Engineering Design Evaulation, Cost Estimates
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Engineer, Civil	Charles Peng	\$23.13	\$24.06			. o	0	\$0			\$0	\$0	\$0			· O	o	\$0	ő	\$0	Engineering Design Evaluation, Cost Estimates
	Ellis Heath	\$18.61	\$19.17			0	.0	\$0			· \$0	\$0	\$0		1 1	0	0	\$0	0	. \$0	Construction Engineering
	Allen West James Tracy	\$17.08 \$13.44	\$18.21 \$15.40			0	0	\$0 \$0			\$0 \$0	\$0 \$0	\$0 \$0			0	0	S 0	0	\$0	Field Operations Planning
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	Mark Cohoon	16.46	19. 9 6			o	o	\$0			\$0	\$0	\$0		1 1	ő	ol	so	ő	50 \$0	CAD Drawings, Document Preparation CAD Drawings, Document Preparation
Marine Operations Specialist	Jeffrey Pitts	\$22.44	\$23.25			0	0	\$0			\$0	\$0	\$0			0	0	\$0	Ō	\$0	Marine Operations, Construction Inspection
	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	Engineering Technical Support
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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

Attachment 3 MES Proposal ED-03-01 (10/25/00) Page 9

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

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BUDGET REVISION REQUEST FOR TASK 9 THROUGH DECEMBER 31, 2001

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Subtask 9.1: GBA Subtask 2.1.9.8 - Dredging Contract Plans and Specific Subtask 9.2: CENAB term 2.1.11 - Wilder Quality Monitoring Subtask 9.2: CENAB term 2.3.15 - Rules and Regulations for Dredging Co Subtask 9.4: CENAB term 2.3.10 - Unexploded Ordnance Polices and Pro-Subtask 9.5: CENAB term 2.3.17 - Reports and Documentation Assessme Subtask 9.5: Mater Appropriation Permit (no CENAB number) Subtask 9.7: MES Task 9.7/GBA Subtask 2.1.8b - Planning and Task Men.

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Contracted Services (Dolmer) Contracted Services					\$0	50	50			50	50	50			50	50	50			50		50			ŝ	50	.50			50	50	50			50	50	50 50			50		50	
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Contracted Services (consultant) Contracted Services							50 50					50 50			\$7,500	50	\$7,500 \$0					so so					50 50					50 50					50 50					\$0 \$0	
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59,852 50 59,852

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TASK 10 - SITE SUPPORT AND LOGISTICS (CENAB Ham 2.2) BUDGET REVISION REQUEST FOR TASK 10 THROUGH DECEMBER 31, 2001

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TASK 10 SUBTOTAL (Labor and Direct Costs Libert U. Bartistick, Lawer and Dirik Lower. Journet 10: CFAM Sen 22.1 - Diadings Busines 112: CFAMS ann 22.2 - Officiality Dock Dubanes 113: CFAMS ann 22.4 - Photo-Photon Subanes 10: CFAMS ann 22.4 - Photo-Photon Subanes 10: CFAMS ann 22.4 - Norophoner Subanes 10: CFAMS ann 22.4 - Interpretation Subanes 10: CFAMS ann 22.4 - Interpretation Dockman 10: CFAMS ann 22.4 - Interpretation Dockman 10: CFAMS ann 22.4 - Lower Subant 10: Dockman 10: CFAMS ann 10: Dockman 10: CFAMS ann 10: Dockman 10: CFAMS ann 10: Dockman 10: CFAMS ann 10: Dockman 10: CFAMS ann 10: Dockman 10: CFAMS ann 10: Dockman
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\$12.575 \$0 \$12.575

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\$10,722 50 \$19,722

Subtesk 10 \$ (CENAB tem 2 2 10) Subtaak 10.10 (no CENAB number TASK TOTALS Work Perform Task Amend Fi Est. Hours Cost Cost FY00 Amend. Test Est. FY00 Est. Hours Cost Cost \$142 \$563 \$0 \$0 \$0 50 \$285 \$142 5543 50 50 50 50 50 5389 50 50 50 50 50 232 50 50 \$0 0 4 0 40 . Tesk Manag 7 Construction Neurona Engineering Design Eventation, Estimates Christen Dradging Engineering progressheem migs, laid sech Note, S Moore until 11/18; poer Dilled Engineering Design Eventation, Estimates 5772 5685 5566 5744 50 50 50 50 50 50 50 50 50 50 50 inten Coni \$2 \$2 \$2 \$2 \$2 \$2 \$2 cereion cereion 40 50 50 50 0 54,272 50 54,272 54 50 50 0 50 Boet & Eou 50 51,298 1187 520,495 \$1,666 \$0 \$1,686 \$1,923 \$0 \$1,923 \$6,094 \$0 \$6,064 \$1,686 \$11,698
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TASK 11 - DESIGN CRUST MANAGEMENT PLAN

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BUDGET REVISION REQUEST FOR TASK 11 THROUGH DECEMBER 31, 2001

MES	LABOR					Subtask 11.1			<u> </u>		Subtask 11	2		·							
		FY00 Hourly	FY01 Hourty	EV00 Eat	Tool: Amound	EVOD F-4	Task			Task		Task			Task Amen	Vacant d.	Task	<u>, </u>	TAS	SK TOTALS	Work Performed
Category	Employee	Rate	Rate	Hours	Task Amend. #1 Est. Hours	FY00 Est.	Amend #1 Est. Cost	Cost	FY00 Est. Hours	Amend. #1	FY00 Est.	Amend #1		FY00 Est.	#1 Est.	FY00 Est				}	
				1.0413	WI Lat. HOUS			COSI	nours	Est. Hours	Cost	Est. Cost	Cost	Hours	Hours	Cost	Est. Cost	Cost	Hours	Cost	
Project Director/Senior Planner	Wayne Young	\$35.61	\$37.04	8	(C	285	O	\$285	o	40		1482	\$1,482		.[
						1 1			-		Ĵ	'*02	\$1,402	U	1	o م	이 이	\$0	48	\$1,766	Project/Operations Planning, Contract Oversight, Tech. Review/Support
Project Manager Senior Environmental Scientist	see note at right	\$24.31		. 8	0	194	- 0	\$194		8	0	222	\$222								IF IVICLI WILLIAUCHIEILL UNS Planning Tech Daviaus Support and and and and and and and and and and
Environmental Scientist	Cecelia Donovan Tammy Banta	\$28.12 \$25.06	\$29.24 \$26.07		ł	0	0	\$0 \$0		8	0	234	\$234]			\$0 \$0	16	3410	
	ranniny Danita	\$23.00	320.07			0	U	\$0		ļ	0	0	\$0		1	0	ol ol	\$0 \$0	ິ	\$234 ¢0	Environmental Science/Monitoring
	1. Sec. 1. Sec			Į															Ŭ	20	Environmental Science/Monitoring
Alt. Project Manager/ Env. Scientist	Steve Storms	\$23.09	\$24.86		l	o	o	so		16	0	398							1	1	Attemate Project Manager, Environmental Science. Position will be backfilled or hours reprogrammed to others upon assignment as project
							-1				Ū	290	\$398		·	0	0	\$0	16	3030	
Project Management Specialist	see note at right	\$0.00				0	o	\$0			0	o	so								Contracting Planning and Documentation and Mgt. Support; Note: Position
Environmental Specialist Environmental Specialist	Melissa Slatnik	\$14.87			1	0	0	\$0			0	0	sol					\$0	0		i Deirin Tilleo
Environmental Specialist	Sue Kelly Tom Humbles	\$14.22 \$16.23	\$16.27 \$16.72			0	0	S 0			0	÷ 0	\$0					\$0 \$0	0	\$0	Task Mgt.Support/Env. Science/Geology
Environmental Specialist	Erika Kehne	\$10.23	\$10.72				0	\$0			0	0	\$0			l o		\$0	, N	50	i Environmental Science/Biology
Environmental Specialist	Doug Taylor	\$13.35						\$0 \$0			0	0	\$0			0	ō	sol	ň	\$U \$0	Environmental Technical/Inspection, Phragmites Control Environmental Technical
Environmental Specialist	Gwen Neate	\$0.00	\$13.83		İ	1 0	ŏl	\$0			0	0	\$0			0	l o	\$0	ŏ	\$0	Environmental Technical/Inspection
Senior Engineer	William Chicca	\$36.48	\$38.04		· ·	0	o	so			0	0	\$0 \$0			0	0	\$0	ō	\$0]	Environmental Technical
Engineer, Civil	Larry Walsh	\$28.53			ļ	o	ō	\$0			ő	ň	\$0 \$0	ļ		0	0	S O	o	\$0	Task Manager, Engineering Planning and Review, progress/team mtgs.
Engineer, Civil	David Foster	\$28.29	\$29.42		1	0	o	\$0			o	ŏ	so				0	\$0	0	301	CONSULCION Planning
Engineer, Civil		\$19.30	\$21,59						ĺ		-	1	" 0	1		"	0	\$0	0	\$0	Engineering Design Evaulation Cost Estimates
Engineer, Civil	see note at right Les Shaw	\$19.30 \$28.53	\$21.59 \$29.68	12		232	0	\$232		24	0	518	\$518	1		0		so	26	1	UVI and Uredging Engineering Surveys, programme from stars for the
Engineer, Civil	Charles Peng	\$23.13						\$0 \$0			0	0	\$0			l ol	o	\$0	30	\$7501	technical support. Note: 5 Moore until 11/16: eacition bains filled
Engineer, Construction	Ellis Heath	\$18.61					, N	\$0 \$0		Í	0	0	\$0	ĺ		· 0	o	sol	0	30 J	Engineering Design Evaulation. Cost Estimates
Operations Field Supervisor	Allen West	\$17.08				ŏ	ő	so			N N	0	\$0	Í		0	0	\$0	ŏ	sol	Engineering Design Evaulation, Cost Estimates Construction Engineering
Environmental Dredging Tech	James Tracy	\$13.44	\$15.40			o	ŏ	\$0		8	, i	146 123	\$146	ŀ		0	0	\$0	8	\$146	Field Operations Planning
CAD Technician	Chris Noms	\$20.54	\$21.15			0	o	\$0	Į		ŏ	0	\$123 \$0			0	0	\$0	8	\$123	Technical Support
CAD Technician	Mark Cohoon	16.46	19. 96			0	0	so	Í		ō	ő	so	1			0	so	o	\$0 0	CAD Drawings, Document Prenaration
Marine Operations Specialist	Jeffrey Pitts	\$22.44	\$23.25			0	0	\$0			o	ō	\$0	1			ol ol	\$0 \$0	0	5010	CAD Drawings, Document Preparation
Co-op Boat/Equipment Operator	Brian Wolff various	10.54 \$15.00	10.54 \$15.00			0	o	S 0			0	0	\$0			ő	ő	soli	0	\$0j1	Manne Operations, Construction Inspection
Labor Sub-Total		313.00	\$13.00	28	0	711		\$0 \$711			0	0	\$0			ō	ő	sol		\$0/E	Engineering Technical Support
				20		/11		<u>→/11</u>	U	112	0	3122	\$3,122	0	0	0	0	\$0	140	\$3,833	Boat & Equipment Operation
Finge (FY00 @ 44.2%; FY 01 @ 44.	1%)	0.442	0.441			£244		-													
Overhead @ 45% of labor		0.442	0.441			\$314 \$320	\$0 \$0	\$314 \$320			\$0	\$1,377	\$1,377			\$0	\$0	5011	<u> </u>	\$1,691	
Total Loaded Labor						\$1,345	\$0	\$1,345			\$0 \$0	\$1,405	\$1,405			\$0 \$0	\$0 \$0	\$0 \$0	-	\$1,725	
		4	· · · · · ·			•1]0101					30	\$5,904	\$5,904			\$0	\$0	\$0		\$7,249	
DIRECT COST	<u>т т</u>	T	T			·		·····													
Mileage		0.31	0.31	150		\$47	\$0	\$47		225						T	1	I			
Travel, Lodging, Per Diem	•					•	••	ŝo		223	30	\$70	\$70	1		0	o	so		\$116	
Supplies and Materials						\$5		\$5			1	\$10	\$0 \$10	1		1		\$ 0	1	\$0	
Printing & Reproduction								\$0				\$25	\$25			1		\$0	1	\$15	
Postage						\$10		\$10		1		\$10	\$10	ļ				\$0	1	\$25	
Telephone, Communications MES CAD Burden Rate		\$18.00	\$18.00			\$5		\$5				\$10	\$10				ļ	\$0 \$0		\$20	
Vehicle Service/Rental		\$10.00	\$10.00			\$0	\$0	S 0			\$0	\$0	\$0	Í	1		ſ	\$0		\$15	
Boat Service/Rental								\$0		Í	I	1	\$0			[soli		\$0 \$0	
Special Equipment							ļ	\$0 \$0		1			\$0		1	1		sol		\$0 \$0	
Other								\$0 \$0		1		ļ	\$0				1	\$ 0	-	so	
Contracted Services (GBA)								so	1	1			\$0 \$0	1				so	1	so	
Contracted Services (Dolinar)						\$500		\$500		1	\$1,500		\$0 \$1,500	1	·			\$0	1	\$0 Dr	redging Engineering Planning and Technical Services
Contracted Services (Moffat & Nichol	}						ł	\$0				1	\$1,500 \$0					\$0		\$2,000 Cr	rust Management Planning Services
Contracted Services							1	\$0		ſ			\$0					S 0		\$0	
Contracted Services		1	1			İ		\$0			1	i	\$0				.	\$0 \$0		\$0	
Contracted Services								\$0					\$0					\$0 \$0		\$0	
Total Direct Costs		·				\$567		\$0 \$567					\$ 0					\$0		\$0	
		i					201	300/			\$1,500	\$125	\$1,625	· ·		0	0	\$0	-+-	\$2,191	······································
TASK 11 SUBTOTAL (Labor and Di	rect Costs)	······																			
LINGT I SUBTOTAL LABOT AND DI								\$1,912					\$7,528					\$0		£0.440	
Subtack 11 1: CENAR Item 23.5 - Co		lon for i on														· · ·	<u></u>			\$9,440	

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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

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Attachment 3 MES Proposal ED-03-01 (10/25/00) Page 12

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TASK 12 - PHRAGMITES CONTROL (CENAB Item 3.1)

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BUDGET REVISION REQUEST FOR TASK 12 THROUGH DECEMBER 31, 2001

MESL	ABOR				Subtes	* 12.1 (CE/	VAB 3,1.1)		9	Subtask 1	2.2 (CEN	AB Item 3.1	.2)		ubteek **	3 ICENA	B Item 3.1.	21	-	ubtect **	A /000414										
		-	-		Task	1	1			Task		Task			Task		Task	3./	-	Task		B ITEM 3.1.4) Task			Subtask 1 Task	2.5 (no CE	NAB Numb	ber)	TASK	TOTALS	Work Performed
Category	Employee	FY00 Hourty Rate	FY01 Hourty Rate	FY00 Est. Hours	Amend. \$1 Est. Hours		Task Amend #1 Est. Cost		FY00 Est. Hours	Amend. #1 Est. Hours	FY00 Est. Cost	Amend #1 Est. Cost	Cost	FY00 Est. Hours	Amend. #1 Est. Hours	FY00 Est. Cost	Amend #1 Est. Cost	Cost	FY00 Est. Hours	Amend. #1 Est. Hours	FY00 Est. Cost	Amend #1 Est. Cost	Cost	FY00 Est. Hours	Amend. #1 Est. Hours	FY00 Est. Cost	Amend #1 Est.	Cost		-	
Project Director/Senior Planner	Wavne Young	\$35.61	\$37.04					s o			0	o	s 0			o	o	S 0			o	0	s o	. 1	0	36	0		Hours 1	Cost \$36	Project/Operations Planning, Contract Oversight, Tech. Review
	see note at right Cecelia Donovan Tammy Banta	\$24.31 \$28.12 \$25.06	\$27.71 \$29.24 \$26.07					50 50 50 50			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 Planning, Note: Wikar Ihru 10/20/00; S. Storms from 10/20 Environmental Science/Monitoring Environmental Science/Monitoring
All, Project Manager/ Env. Scientist	Steve Storms	\$ 23.09	\$24.86	8	c) 185	5 C	\$185			0	o	S 0	18	۰ مر	369	o	\$369	24	o	554	0	\$ 554	12	0	277	0	\$277	80		Alternate Project Manager, Environmental Science. Position will be backfilled or hours reprogrammed to others upon assignment as project manager.
Environmental Specialist	see note at right Melissa Slatnik Sue Kelly	\$0.00 \$14.87 \$14.22	\$23.00 \$15.38 \$16.27					50 50 50 50			0 0 0	0 0 0	\$0 \$0 \$0			0 0 0	0 0 0	50 50 50			0 0 0	0 0 0	\$0 \$0 \$0	12	o	0 178 0	0 0 0	\$0 \$178 \$0	0 12 0	\$0 \$178 \$0	Contracting Planning and Documentation and Mat. Support: Note: Position being filler Task Mat. Support/Env. Science/Geology Environmental Science/Biology
Environmental Specialist Environmental Specialist Environmental Specialist Senior Engineer	Tom Humbles Erika Kehne Doug Taylor Gwen Neate William Chicca Larry Walsh	\$16.23 \$11.58 \$13.35 \$0.00 \$36.48 \$28.53	\$16.72 \$12.40 \$13.62 \$13.83 \$38.04 \$29.88		c			0 \$1.039 0 \$0 0 \$0 0 \$0 0 \$0 0 \$0 0 \$0	64	0	1039 0 0 0 0 0	000000000000000000000000000000000000000	\$1.039 \$0 \$0 \$0 \$0 \$0 \$0	32	O	519 0 0 0 0	0 0 0 0	\$519 \$0 \$0 \$0 \$0 \$0 \$0 \$0	24	0	390 0 0 0 0	0 0 0 0	\$390 \$0 \$0 \$0 \$0 \$0 \$0 \$0	12	o	195 0 0 0	0 0 0 0	\$195 \$0 \$0 \$0 \$0 \$0 \$0	196 0 0 0	\$3.181 \$0 \$0 \$0 \$0 \$0	Environmental Technical/Inspection, Phragmites Control Environmental Technical Environmental Technical/Inspection Environmental Technical Engineering Panning and Review
Engineer, Civil	David Foster	\$28.29	\$ 29.42				0	so so			0	o	\$ 0			o	0	s o			. 0	0	S 0			0	0	50 50	0	S 0	Construction Planning Engineering Design Evaulation, Cost Estimates Civil and Dredging Engineering, Surveys, progress/leam mtgs, field technical support.
Engineer, Civil	see note at right	\$19.30	\$21.59				0 0	s o			0	0	\$ 0			٥	٥	so			٥	o	s o			0	o	so	0		Note: S. Moore until 11/18; position being filled
Engineer, Civil	Les Shaw	\$28.53	\$29.88			0		s o			٥	٥	s o			o	٥	so			o	0	so			0	0	so	0	i	Engineering Design Evaulation, Cost Estimates
Engineer, Construction Operations Field Supervisor Environmental Drodoing Tech CAD Technician CAD Technician Marine Operations Specialist Co-op	Charles Peng 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 16.46 \$22.44 10.54 \$15.00	\$15.40 \$21.15 19.96 \$23.25 10.54	72	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 1039	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 \$	48	0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		02 50 50 50 50 50 50 50 50 50	48	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 \$	37	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	Figineering Design Evaulation, Cost Stimates Construction Engineering ield Operations Planning Invironmental Inspection Planning AD Drawings, Document Preparation AD Drawings, Document Preparation Astrine Operations, Construction Inspection Ingineering Technical Support
Fringe (FY00 @ 44.2%; FY 01 @ 44.1%) Overhead @ 45% of labor Totat Loaded Labor		0.442	0.441			\$541 \$551 \$2,315	\$0 \$0 \$	\$551			\$459 \$467 \$1,965	\$0 \$0 \$0	\$459 \$467 \$1,965			\$393 \$400 \$1,882	\$0 \$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	
DIRECT COST Mileage Travel, Lodoing, Per Diem Supplies and Materials Printing & Reproduction Postage Telephone, Communications MES CAD Burden Rate Vehicle Service/Rental		0.31 \$18.00	\$ 18.00	900		276	0 0	\$279 \$25 \$25 \$25 \$0	900		279 0	0	\$279 \$250 \$25 \$0	300		93 0	0	\$93 \$250 \$25 \$0	300		93 0	0	\$93 \$10 \$10 \$10 \$0	75		23 0	0	\$23 \$0		\$767 \$0 \$535 \$0 \$10 \$85 \$0	
Boat Service/Rental Special Equipment Other		\$300				1800	0	\$1.800	8		1800	٥	\$1.800			o	0	S 0			o	o	\$ 0			0	0	\$0		\$0 C. \$3.800 an \$0 \$0	ontingent rental if boat service not railable
Contracted Services (GBA) Contracted Services (Dolinar) Contracted Services (Moffat & Nichol) Contracted Services (consultant) Contracted Services (aerial spray & burn)								\$0 \$0 \$0					\$0 \$0 \$0					\$0 \$0 \$0 \$0					\$0 \$0 \$0					\$0 \$0 \$0		\$0 Te \$0 \$0 \$0 \$0	redging Engineering Planning and schnical Services
Contracted Services																														\$7,500 1 (\$0	contingent area wide event .
Total Direct Costs		!				\$2,079	\$0	\$2,129	I		\$2.079	\$ 0[\$2,354			\$93	\$0	\$7,868			\$93	\$0	\$123			\$23	so	\$23		\$0 \$12,497	
TASK 12 SUBTOTAL (Labor end Direc	4 Contal					\$4,394	1	54,444					\$4,319																		

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

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

BUDGET REVISION REQUEST FOR TASK 13 THROUGH DECEMBER 31, 2001

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N	ES LABOR	· · · · · · · · · · · · · · · · · · ·			Subtask 1	13.1 (GBA	Sublask 3	.2.1)	ļ,	Subtask 1	3.2 (GBA S	ubtask 3.2.	2)			<u>k 13.3 (GB</u>	A Subtask 3.	.2.3)		Subtask 13	.4 (CENAB	Item Numb	er)	TACH	TOTALS	Mind Prod.
Category	Employse	FY00 Hourty Rate	FY01 Hourty Rate	FY00 Est. Hours	Task Amend. #1 Est. Hours	FY00 Est. Cost	Task Amend #1 Est. Cost	Cost	FY00 Est. Hours	Task Amend. #1 Est. Hours	FY00 Est.	Task Amend # Est. Cost		FY00 Est. Hours	Task Amend .#1 Est.	FY00 Est	Task Amend #1		FY00 Est.	Task Amend. #1 Est.	FY00 Est.	Task Amend #1				Work Performed
														nours	nours	Lost	Est. Cost	Cost	Hours	Hours	Cost	Est. Cost	Cost	Hours	Cost	
roject Director/Senior Planner	Wavne Young	\$35.61	\$37.04			\$0	S 0	\$ 0		0	C	0	\$ 0			0	0	\$0	2	2	71	74	\$145	4	\$ 145	Project/Operations Planning, Contract Oversight, Tech, Review
	see note at right	\$24.31	\$27.71			\$0	\$ 0	\$0		0	0	0	S 0	8	8	194	222	\$4 16	8	8	194	222	\$416	32	\$832	Project Management, Ops Planning, No Wikar thru 10/20/00; S. Storms from 10/
enior Environmental Scientist Invironmental Scientist	Cecelia Dongvan Tammy Banta	\$28.12 \$25.06	\$29.24 \$26.07			\$0 \$0	\$0 \$0	\$0 \$0		0	0		\$0 \$0			0 0	0 0	\$0 \$0	16	40	450 0	1170 0	\$1.620 \$0	56 0	\$0	Environmental Science/Monitoring Environmental Science/Monitoring
ut. Project Manager/ Env. icientist	Steve Storms	\$23.09	\$ 24.86			S 0	s 0	\$0	-	O	o	o	\$0		*	O	o	s 0	16	16	369	398	\$ 767	32	\$ 767	Alternate Project Manager, Environmen Science. Position will be backfilled or hu reprogrammed to others upon assignme project manager.
	Melissa Slatnik Sue Keliv	\$0.00 \$14.87 \$14.22	\$23.00 \$15.38 \$16.27			\$0 \$0 \$0	50 50 50	\$0 \$0 \$0		0 0 0	0 0 0	000000000000000000000000000000000000000	\$0 \$0 \$0	8	8	0 119 0	0 123 0	\$0 \$242 \$0	40	40	0 595 0	0 615 0	\$0 \$1.210 \$0	0 96 0	\$0 \$1.452 \$0	Contracting Planning and Documentatio and Mat. Support: Note: Position being f Task Mat.Support/Env. Science/Geology Environmental Science/Biology
nvironmental Specialist nvironmental Specialist nvironmental Specialist senior Engineer	Tom Humbles Erika Kehne Doug Taylor Gwen Neate William Chicca Larry Walsh	\$16.23 \$11.58 \$13.35 \$0.00 \$36.48 \$28.53	\$16.72 \$12.40 \$13.62 \$13.83 \$38.04 \$29.68			\$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0 \$0 \$0 \$0 \$0 \$0 \$0	50 50 50 50 50 50		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 0	\$0 \$139 \$0 \$664 \$0 \$0	0 12 0 48 0	\$0 \$139 \$0 \$664 \$0	Environmental Technical/Inspection, Phraamites Control Environmetal Technical Environmental Technical Environmental Technical Environmetal Technical Environmetal Technical Construction Planning
ingineer. Civil	David Foster	\$28.29	\$29.42			\$0	S 0	So		o	0	o	\$ 0			O	o	S O			o	0	SO	0	s o i	Consultation Planning Engineering Design Evaulation, Cost Estimates Civil and Dredging Engineering, Surveys progress/team mtgs, field technical supp
ngineer, Civil	see note at right	\$19.30	\$21.59			S 0	S 0	\$ 0		o	0	0	\$ 0			o	o	so			o	o	S 0	0	\$0 f	Note: S. Moore until 11/16; position bein
ngineer. Civil	Les Shaw	\$28.53	\$29.68			\$ 0	S 0	S O		0	0	0	S 0			0	o	S 0			0	o	S 0	o	\$0 j E	Engineering Design Evaulation, Cost Estimates
ingineer. Construction Operations Field Supervisor Invironmental Dredoing Tech AD Technician AD Technician Aarine Operations Specialist Co-op	Charles Peng Ellis Heath Allen West James Tracv Chris Norris Mark Cohoon Jeffrev Pritts Brian Wolff various	\$23.13 \$18.61 \$17.08 \$13.44 \$20.54 16.46 \$22.44 10.54 \$15.00	\$24.06 \$19.17 \$18.21 \$15.40 \$21.15 19.96 \$23.25 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 \$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	16	16	0 0 0 0 0 0 0 0 313	0 0 0 0 0 0 0 345	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$858	16 10	16 170	0 0 329 0 0 0 0 2147	0 0 338 0 0 0 0 3481	\$0 \$0 \$0 \$667 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	0 0 32 0 0 0 0 0 312	\$0 E \$0 C \$0 F \$0 E \$667 C \$0 C \$0 C \$0 M \$0 E	Engineering Design Evaulation, Cost Stimates Construction Engineering Tield Operations Planning Invironmental Inspection Planning AD Drawings, Document Preparation AD Drawings, Document Preparation Ital Design Science Inspection Instingent Construction Inspection Instingent Constructions
ninge (FY00 @ 44.2%; FY 01 2 44.1%)		0.442	0.441			\$ 0	\$0	so			\$ 0	\$ 0	\$ 0	Ţ		\$139	\$152	\$291			\$949	\$1,535	\$2,484	<u>-</u>	\$ 2,775	
Verhead @ 45% of labor Total Loaded Labor						<u>\$0</u> \$0	\$0 \$0	\$0 \$0			\$0 \$0	\$0 \$0	\$0 \$0			\$141 \$593	\$155 \$652	\$296 \$1,245			\$966 \$4,063	\$1.566	\$2.533 \$10,645		\$2.829 \$11,890	
DIRECT COST Nileage Travel, Lodging, Per Diem Supplies and Materials		0.31	0.31			o	o	\$0			0	o	\$0 \$0 \$0			0	0	\$0 \$0 \$20	150	150	47	47	\$93 \$0		\$93 \$0	
Printing & Reproduction Postage elephone, Communications MES CAD Burden Rate (ehicle Service/Rental Soat Service/Rental Soat Service/Rental Special Equipment		\$ 18.00	\$18.00			0	O	\$0			o	o	\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0			10 10 0	10 10 0	\$0 \$20 \$20 \$0 \$0 \$0 \$0 \$0	16	16	100 25 10 288	25 100 25 10 288	\$50 \$200 \$50 \$20 \$576 \$0 \$0 \$0 \$0		\$70 \$200 \$70 \$40 \$576 \$0 \$0 \$0	
hther contracted Services (GBA, Col. Landin) contracted Services (Dolinar) contracted Services (Moffat & lichol) contracted Services						\$ 18,233	\$5,229	\$23,462 \$0 \$0 \$0			\$23,852	\$18,055	\$0 \$41,907 \$0 \$0 \$0 \$0			\$3,875	\$1,532	\$0 \$5,407 \$0 \$0			\$0	S 0	\$0 \$0 \$0 \$0		\$0 \$0 \$70,776 Te \$0 \$0	edging Engineering Planning and chnical Services
Contracted Services Contracted Services								\$0 \$0				ł	\$0 \$0 \$0					\$0 \$0 \$0					\$0 \$0		\$0 \$0	
Anuacleu Services		i I					1		1		1	1	امم			1	1	\$0	1			1	SO	1	\$0j	

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

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Attachment 3 MES Proposal ED-03-01 (10/25/00) Page 14

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## TASK 14 - VEGETATIVE PLANNING (CENAB Item 3.3)

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BUDGET REVISION REQUEST FOR TASK 14 THROUGH DECEMBER 31, 2001

| MES                                                                     | LABOR                          |                   |                          | <u> </u>              |                                    | 14.1 (GBA S    | ubtask 3.3.1                  | ,                      |                               | Subtask 1                          | 4.2 (GBA :           | Subtask 3.                       | 3.2)           |                       | Subtask 1                          | 4.3 (GBA S        | Subtask 3.3              | .3)                    | Su        | ibtask 14 /               |                  | B Item Nun               | abari            |                                        |                        |                                                                                                                                |
|-------------------------------------------------------------------------|--------------------------------|-------------------|--------------------------|-----------------------|------------------------------------|----------------|-------------------------------|------------------------|-------------------------------|------------------------------------|----------------------|----------------------------------|----------------|-----------------------|------------------------------------|-------------------|--------------------------|------------------------|-----------|---------------------------|------------------|--------------------------|------------------|----------------------------------------|------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Category                                                                | Employee                       | FY(<br>Hou<br>Rat | ty Hourty                | FY00<br>Est.<br>Hours | Task<br>Amend.<br>#1 Est.<br>Hours | FY00 Est.      | Task<br>Amend #1<br>Est. Cost | Cost                   | FY <b>00</b><br>Est.<br>Hours | Task<br>Amend.<br>#1 Est.<br>Hours | FY00<br>Est.<br>Cost | Task<br>Amend<br>#1 Est.<br>Cost | Cost           | FY00<br>Est.<br>Hours | Task<br>Amend.<br>#1 Est.<br>Hours | FY00<br>Est. Cost | Task<br>Amend<br>#1 Est. | <u> </u>               | FY00 Est. | Task<br>Amend.<br>#1 Est. | FY00 Est.        | Task<br>Amend<br>#1 Est. |                  |                                        | K TOTALS               | Work Performed                                                                                                                 |
|                                                                         |                                |                   |                          |                       |                                    |                |                               |                        |                               |                                    |                      |                                  |                |                       | libura                             | 1231. 6031        | COSI                     | Cost                   | Hours     | Hours                     | Cost             | Cost                     | Cost             | Hours                                  | Cost                   |                                                                                                                                |
| oject Director/Senior Planner                                           | Wavne Young                    | \$35.             | 51 \$37.04               | 1                     | 1                                  | \$36           | \$37                          | <b>\$</b> 73           | 1                             | 1                                  | <b>\$</b> 36         | \$37                             | \$73           | 2                     | 2                                  | \$71              | \$74                     | \$145                  | 2         | 2                         | <b>\$</b> 71     | \$74                     | \$145            | 12                                     | \$4:                   | Project/Operations Planning, Contract Oversight, Tech<br>36 Review/Support                                                     |
| oject Manager                                                           | see note at ripht              | \$24.             | 31 <b>\$</b> 27.71       | :                     | 2 2                                | \$49           | \$55                          | \$104                  | 4                             | 4                                  | \$97                 | \$111                            | \$208          | 4                     | 4                                  | \$97              | \$111                    | \$208                  | 12        | 12                        | \$292            | \$333                    | \$624            | 44                                     |                        | Project Management, Ops Planning, Tech Review/Supp<br>progress/team mtgs. Note: K. Wikar until 10/20; S. Stol<br>4 after 10/20 |
| nior Environmental Scientist<br>vironmental Scientist                   | Cecelia Donovan<br>Tammy Banta |                   | 12 \$29.24<br>06 \$26.07 |                       | 10                                 | \$112<br>\$0   | \$292<br>\$0                  | \$405<br>\$0           | 4                             | 10                                 | \$112<br>\$0         | \$292<br>\$0                     | \$405<br>\$0   |                       | 20                                 | \$112<br>\$0      | \$585<br>\$0             | \$697                  |           | o                         | \$0              | <b>\$</b> 0              | 50               | 52                                     |                        | 7 Environmental Science/Monitoring                                                                                             |
| Project Manager/ Env.                                                   | Steve Storms                   |                   |                          |                       |                                    |                |                               |                        |                               |                                    | •-                   |                                  |                | . بد                  |                                    | 30                | 30                       | \$0<br>                | -         |                           | \$0              | \$0                      | <b>\$</b> 0      | 0                                      | \$                     | 0 Environmental Science/Monitoring<br>Alternate Project Manager, Environmental Science, Pro                                    |
|                                                                         | see note at right              |                   | 09 \$24.86<br>00 \$23.00 |                       | 4                                  | \$92<br>\$0    |                               | \$192<br>\$0           | 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 upor<br>1 assignment as project manager                                     |
| ironmental Specialist                                                   | Melissa Slatnik<br>Sue Kelly   | \$14.             | 37 \$15.38<br>22 \$16.27 |                       | ľ                                  | \$0<br>\$0     | so                            | \$0<br>\$0             |                               |                                    | \$0<br>\$0<br>\$0    | \$0<br>\$0<br>\$0                | \$0<br>\$0     | 12                    | 12                                 | \$0<br>\$178      | \$0<br>\$185             | \$0<br>\$363           | 12        | 12                        | \$0<br>\$178     | \$0<br>\$185             | \$0<br>\$363     | 0<br>48                                | \$<br>\$72             | Contracting Planning and Documentation and Mgt. Sup<br>0 Note: Position being filled                                           |
| vironmental Specialist                                                  | Tom Humbles<br>Erika Kehne     | \$16.             | 23 \$16.72<br>58 \$12.40 |                       |                                    | \$0            | \$0                           | \$0                    |                               |                                    | \$0                  | \$0                              | \$0<br>\$0     |                       |                                    | \$0<br>\$0        | \$0<br>\$0               | \$0<br>\$0             |           |                           | \$0<br>\$0       | \$0<br>\$0               | \$0<br>\$0       | 0                                      | 2                      | 6 Task Mgt.Support/Env. Science/Geology<br>0 Environmental Science/Biology                                                     |
| vironmental Specialist                                                  | Doug Taylor                    | \$13.             | \$13.62                  |                       |                                    | \$0<br>\$0     | \$0                           | \$0<br>\$0             |                               |                                    | \$0<br>\$0           | \$0<br>\$0                       | \$0<br>\$0     |                       |                                    | \$0<br>\$0        | \$0<br>\$0               | \$0<br>\$0             |           |                           | \$0<br>\$0       | \$0<br>\$0               | so               | 0                                      |                        | D Environmental Technical/Inspection, Phragmites Contro<br>D Environmental Technical                                           |
|                                                                         | Gwen Neate                     |                   | 0 \$13.63                |                       |                                    | \$0            | \$0                           | \$0                    | ;                             |                                    | <b>\$</b> 0          | \$0                              | <b>\$</b> 0    |                       | 20                                 | \$0               | \$277                    | \$277                  |           | 20                        | \$0              | \$277                    | \$0<br>\$277     | 0<br>40                                | \$(<br>\$55;           | PEnvironmental Technical/Inspection                                                                                            |
| enior Engineer<br>ngineer. Civil                                        | William Chicca<br>Larry Walsh  |                   | 18 \$38.04<br>53 \$29.68 |                       |                                    | \$0<br>\$0     | \$0<br>\$0                    | \$0<br>\$0             |                               |                                    | \$0<br>\$0           | \$0<br>\$0                       | \$0<br>\$0     |                       |                                    | \$0<br>\$0        | <b>\$</b> 0              | \$0                    |           |                           | \$0              | <b>s</b> o               | so               | 0                                      |                        | Task Manager; Engineering Planning and Review;<br>propress/team mtps.                                                          |
| ngineer, Civil                                                          | David Foster                   | \$28.             | 29 \$29.42               |                       |                                    | \$0            | \$0                           | <b>S</b> O             |                               |                                    | <b>S</b> 0           | <b>S</b> 0                       | \$0            |                       |                                    | \$0               | \$0<br>\$0               | \$0<br>\$0             |           |                           | \$0<br>\$0       | \$0<br>\$0               | \$0  <br>\$0     | 0                                      | \$0                    | Construction Planning<br>Engineering Design Evaulation, Cost Estimates                                                         |
| pineer. Civil                                                           | see note at ripht              | \$19              | \$21.59                  |                       |                                    | \$0            |                               | <b>\$</b> 0            |                               |                                    |                      |                                  |                |                       |                                    |                   |                          |                        |           | ĺ                         |                  |                          |                  |                                        |                        | Civil and Dredging Engineering, Surveys, nmoress/team                                                                          |
| pineer, Civil                                                           | Les Shaw                       | \$28.             | 3 \$29.68                |                       |                                    | \$0            | \$0                           | . <b>S</b> O           |                               |                                    | \$0<br>\$0           | \$0<br>\$0                       | \$0<br>\$0     |                       |                                    | \$0<br>\$0        | \$0<br>\$0               | \$0<br>\$0             |           |                           | \$0<br>\$0       | \$0<br>\$0               | SO               | 0                                      | 20                     | field technical support. Note: S. Moore until 11/18; positi<br>being filled                                                    |
| pineer, Construction                                                    | Charles Peng<br>Ellis Heath    |                   | <b>\$19.17</b>           |                       |                                    | \$0<br>\$0     |                               | \$0<br>\$0             |                               |                                    | \$0<br>\$0           | \$0<br>\$0                       | \$0<br>\$0     |                       |                                    | \$0<br>\$0        | \$0<br>\$0               | \$0<br>\$0             |           |                           | \$0              | \$0                      | \$0<br>\$0       | 0                                      | \$0<br>\$0             | Engineering Design Evaulation, Cost Estimates<br>Engineering Design Evaulation, Cost Estimates                                 |
|                                                                         | Allen West<br>James Tracy      | \$17.             | 08 \$18.21<br>4 \$15.40  |                       |                                    | \$0<br>\$0     |                               | \$0<br>\$0             |                               |                                    | \$0                  | \$0                              | <b>\$</b> 0    | į                     |                                    | \$0               | \$0                      | \$0                    |           |                           | \$0<br>\$0       | \$0<br>\$0               | \$0<br>\$0       | 0                                      | 20                     | Construction Engineering<br>Field Operations Planning                                                                          |
| AD Technician                                                           | Chris Norris                   | \$20.             | 4 \$21.15                |                       | ŀ                                  | \$0            | \$0                           | \$0                    |                               |                                    | \$0<br>\$0           | \$0<br>\$0                       | \$0.<br>\$0    |                       |                                    | \$0<br>\$0        | \$0<br>\$0               | \$0<br>\$0             |           |                           | \$0<br>\$0       | \$0<br>\$0               | \$0              | o                                      | \$0                    | Technical Support                                                                                                              |
| arine Operations Specialist                                             | Mark Cohoon<br>Jeffrey Pitts   | 16.<br>\$22.      | 4 \$23.25                |                       |                                    | \$0<br>\$0     | \$0<br>\$0                    | \$0<br>\$0             |                               |                                    | \$0<br>\$0           | \$0<br>\$0                       | \$0<br>\$0     |                       |                                    | \$0<br>\$0        | \$0<br>\$0               | \$0<br>\$0             |           |                           | \$0              | \$0                      | \$0<br>\$0       | 0                                      | \$0                    | CAD Drawings, Document Preparation<br>CAD Drawings, Document Preparation                                                       |
| -op<br>pat/Equipment Operator                                           | Brian Wolff<br>various         | 10.<br>\$15       | 4 10.54<br>0 \$15.00     |                       |                                    | \$0<br>\$0     | \$0<br>50                     | \$0<br>\$0             |                               |                                    | \$0<br>\$0           | \$0                              | \$0            |                       |                                    | \$0<br>\$0        | \$0<br>\$0               | \$0<br>\$0             |           | }                         | \$0<br>\$0       | \$0<br>\$0               | SO<br>SO         | 0                                      | \$0                    | Marine Operations, Construction Inspection                                                                                     |
| bor Sub-Total                                                           |                                |                   |                          | 11                    | 17                                 | \$289          | \$484                         | \$773                  | 13                            | 19                                 | \$338                | \$0<br>\$540                     | \$0<br>\$877   | 34                    | 70                                 | \$0<br>\$736      | \$0<br>\$1,529           | \$0<br>\$2,266         | 30        | 50                        | \$0<br>\$634     | \$0<br>\$967             | \$0<br>\$1,601   | 0<br>244                               | \$0<br>\$0<br>\$5,517  | Engineering Technical Support<br>Boat & Eouipment Operation                                                                    |
| nge (FY00 @ 44.2%; FY 01<br>44.1%)                                      |                                |                   |                          |                       | <u> </u>                           |                |                               |                        |                               | тт                                 | 1                    |                                  |                | T                     | r                                  | r                 |                          |                        |           |                           |                  |                          |                  |                                        | 35,51/                 |                                                                                                                                |
| remead @ 45% of labor                                                   |                                | 0.4               | 2 0.441                  |                       |                                    | \$128<br>\$130 | \$214<br>\$218                | \$341<br>\$348         |                               |                                    | \$149<br>\$152       | \$238<br>\$243                   | \$387<br>\$395 |                       | 1                                  | \$326<br>\$331    | \$674<br>\$688           | \$1,000<br>\$1,020     |           | 1                         | \$280            | \$427                    | \$707            |                                        | \$2,435                |                                                                                                                                |
| Total Loaded Labor                                                      | 1                              | 1                 |                          | L                     | I                                  | \$547          | \$918                         | \$1,463                |                               |                                    | \$639                | \$1,021                          | \$1,660        |                       |                                    |                   | \$2,892                  | \$4,285                |           |                           | \$285<br>\$1,199 | \$435<br>\$1,829         | \$720<br>\$3,028 |                                        | \$2.483<br>\$10,435    |                                                                                                                                |
| RECT COST                                                               |                                | 0.                | 0.31                     |                       |                                    |                |                               |                        |                               | <u> </u>                           |                      | T                                | . ]            | T                     |                                    | ·                 |                          |                        |           |                           |                  | —r                       | <u> </u>         | —————————————————————————————————————— |                        |                                                                                                                                |
| avel, Lodping, Per Diem                                                 |                                | 0.                | 0.31                     |                       |                                    |                | Ů                             | \$0<br>\$0             |                               |                                    | 0                    | 0                                | \$0            | 75                    | 75                                 | 23                | 23                       | \$47<br>\$0            | 75        | 75                        | 23               | 23                       | \$47             |                                        | \$93                   |                                                                                                                                |
| oplies and Materials                                                    |                                | · ·               |                          |                       |                                    |                |                               | \$0<br>\$0             |                               |                                    |                      |                                  |                |                       |                                    |                   |                          | \$0                    |           |                           | 25               | 25                       | _\$0<br>\$50     |                                        | \$0<br>\$50            |                                                                                                                                |
| stage<br>lephone, Communications                                        |                                |                   |                          |                       |                                    |                |                               | . \$0                  |                               |                                    |                      |                                  |                |                       | 1                                  | 10                | 10                       | \$0<br>\$20            |           |                           | 100<br>25        | 100<br>25                | \$200<br>\$50    |                                        | \$200                  |                                                                                                                                |
| ES CAD Burden Rate                                                      |                                | \$18.             | 0 \$18.00                |                       |                                    | o              | o                             | \$0<br>\$0             |                               | 1                                  | 0                    | 0                                | so             |                       |                                    | 10                | 10                       | \$20                   |           |                           | 10               | 10                       | \$20             | [                                      | \$70<br>\$40           | -                                                                                                                              |
| hicle Service/Rental                                                    |                                |                   |                          |                       |                                    |                |                               | \$0<br>\$0             |                               |                                    |                      | -                                |                |                       |                                    | Ĭ                 |                          | \$0<br>\$0             |           |                           | 0                | 0                        | \$0<br>\$0       |                                        | \$0<br>\$0             |                                                                                                                                |
| ecial Eouipment                                                         |                                |                   |                          |                       |                                    |                |                               | \$0<br>\$0             |                               |                                    |                      |                                  |                |                       |                                    |                   |                          | \$0<br>\$0             |           |                           |                  |                          | <b>\$</b> 0      |                                        | \$0                    |                                                                                                                                |
| her<br>Intracted Services (GBA,                                         |                                |                   |                          |                       | -                                  |                |                               | <b>S</b> O             |                               |                                    |                      |                                  |                |                       |                                    |                   |                          | <b>S</b> 0             |           |                           |                  |                          | \$0<br>\$0       |                                        | \$0<br>\$0             |                                                                                                                                |
| CI, Landin)<br>Intracted Services (Dolinar)                             |                                |                   |                          |                       |                                    | \$14,163       | <b>\$</b> 0                   | \$14,163               |                               |                                    | \$14,456             | \$4,377                          | \$18,833       |                       |                                    | \$30,466          | \$5,206                  | \$35,672               |           | s                         | 14.017           | 2,318                    | \$16,335         |                                        |                        |                                                                                                                                |
| intracted Services (Moffat &                                            |                                |                   |                          |                       |                                    |                |                               | 50                     |                               |                                    |                      |                                  | <b>S</b> 0     |                       |                                    |                   |                          | \$0                    |           |                           |                  | ~,0.0                    | \$0              |                                        | 3 200,284<br>\$0       | predping Engineering Planning and Technical Services                                                                           |
|                                                                         |                                |                   |                          |                       |                                    |                |                               | \$0<br>\$0             |                               |                                    |                      |                                  | <b>\$</b> 0    |                       |                                    |                   |                          | <b>S</b> 0             |           |                           | 1                |                          | so               |                                        | SO                     |                                                                                                                                |
| chol)                                                                   |                                | 1                 |                          |                       |                                    |                |                               | \$0                    |                               |                                    |                      |                                  |                | . 1                   |                                    |                   | ]                        | \$0<br>\$0             |           |                           |                  |                          | so               |                                        | \$0                    |                                                                                                                                |
| chol)<br>ontracted Services<br>ontracted Services                       |                                |                   | 1 1                      |                       |                                    |                |                               |                        |                               | 1                                  |                      | 1                                |                |                       | 1                                  |                   |                          | <b>a</b> 01            | 1         |                           |                  | Ε.                       | \$0              |                                        |                        |                                                                                                                                |
| chol)<br>ontracted Services<br>ontracted Services<br>ontracted Services |                                |                   |                          |                       |                                    |                |                               | \$0<br>\$0             |                               |                                    |                      |                                  | 1              | 1                     |                                    |                   |                          | <b>\$</b> 0            | l l       |                           | 1                |                          | \$0              | [                                      | \$0<br>\$0             |                                                                                                                                |
| chol)<br>ntracted Services<br>ntracted Services                         |                                |                   |                          |                       |                                    | 14163          | Ő                             | \$0<br>\$0<br>\$14,163 |                               |                                    | 14456                | 4377                             | \$18,833       |                       | -                                  | 30509             | 5249                     | \$0<br>\$0<br>\$35,759 |           |                           | 14200            | 2501                     |                  |                                        | \$0<br>\$0<br>\$85,456 |                                                                                                                                |

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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

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

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BUDGET REVISION REQUEST FOR TASK 15 THROUGH DECEMBER 31, 2001

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MES	LABOR	1 1				Subtask 1	5.1				Vacar	nt				Vac	ant		TAS	KTOTALS
Category	Employee	FY00 Hourly Rate	FY01 Hourly Rate	FY00 Est. Hours	Task Amend. #1 Est. Hours	FY00 Est. Cost	Task Amend #1 Est. Cost	Cost	FY00 Est. Hours	Task Amend. #1 Est. Hours	FY00 Est. Cost	Task Amend #1 Est. Cost	Cost	FY00 Est. Hours	Task Amend. #1 Est. Hours	FY00 Est. Cost	Task Amend #1 Est. Cost	Cost	Hours	Cost
Project Director/Senior Planner	Wayne Young	\$35.61	\$37.04	24	24	\$855	\$889	\$1,744	0		0		. \$0	0	0	0	0	\$0	li di di di di di di di di di di di di di	• •
Project Manager	see note at right	\$24.31	\$27.71	40	40	\$972	\$1,108	\$2,081	o			0	\$0	0	0		. 0	\$0	80	\$2,08
Project Manager Senior Environmental Scientist	Cecelia Donovan	\$28.12	\$29.24	40		\$1,125	\$2,339	\$3,464	0	, v	ŏ	l ol	\$0	U		ŏ	. 0	\$0		
Environmental Scientist	Tammy Banta	\$25.06	\$26.07			\$0	\$0	\$0			Ō	Ō	\$0			Ō	0	\$0		
Alt. Project Manager/ Env. Scientist	Steve Storms	\$23.09	\$24.86	40	80	\$924	\$ 1,989	\$2,912			0	0	* \$0			0	0	\$0	120	\$2,91
Project Management Specialist	see note at right	\$0.00	\$23.00			\$0	\$0	\$0			0	o	\$0			0	o	\$0	0	\$
Environmental Specialist	Melissa Statnik	\$14.87	\$15.38	24	24	\$357	\$369	\$726			0	0	\$0			0	0	\$0	48	\$72
Environmental Specialist	Sue Kelly	\$14.22	\$16.27		·	\$0	\$0	\$0			0	0	\$0			0	0	\$0	0	\$
Environmental Specialist	Tom Humbles	\$16.23	\$16.72			\$0	\$0	\$0			0	0	\$0			0	0	\$0	0	S
Environmental Specialist	Erika Kehne	\$11.58	\$12.40	24		\$278	\$0	\$278			0	0	\$0			0	0	\$0	24	\$278
Environmental Specialist	Doug Taylor	\$13.35	\$13.62			\$0	\$0	\$0			0	0	. \$0			0	0	\$0	0	\$0
Environmental Specialist	Gwen Neate	\$0.00	\$13.83		24	\$0	\$332	\$332			0	0	\$0			0	0	\$0	24	\$33
Senior Engineer	William Chicca	\$36.48	\$38.04			\$0	\$0	\$0			0	0	\$0			0	0	\$0	0	\$0
Engineer, Civil	Larry Walsh	\$28.53	\$29.68			\$0	\$0	\$0			0	0	\$0			0	0	\$0	0	\$0
Engineer, Civil	David Foster	\$28.29	\$29.42			\$0	\$0	\$0			0	0	\$0			0	0	\$0	0	\$0
Engineer, Civil	see note at right	\$19.30	\$21.59	8	8	\$154	\$173	\$327			0	0	so			0	0	\$0	16	\$327
Engineer, Civil	Les Shaw	\$28.53	\$29.68		_	\$0	\$0	\$0			Ō	Ō	\$0			o	ō	\$0	l ol	\$0
Engineer, Civil	Charles Peng	\$23.13	\$24.06			\$0	\$0	\$0			Ō	ō	so			ō	Ō	\$0	l ol	\$0
Engineer, Construction	Ellis Heath	\$18.61	\$19.17			\$0	\$0	\$0			0	0	\$0			0	0	\$0	. o	\$0
Operations Field Supervisor	Allen West	\$17.08	\$18.21			\$0	\$0	\$0			0	0	\$0			0	o	\$0	0	\$0
Environmental Dredging Tech	James Tracy	\$13.44	\$15.40			\$0	\$0	\$0			0	0	\$ 0			0	0	\$0	0	\$0
CAD Technician	Chris Norris	\$20.54	\$21.15	8	8	\$164	\$169	\$334			0	0	\$0			0	0	\$0	16	\$334
CAD Technician	Mark Cohoon	16.46	19.96	8	8	\$132	\$160	\$291			0	0	\$0			0	0	\$0	16	\$334 \$291
Marine Operations Specialist	Jeffrey Pitts	\$22.44	\$23.25			\$0	\$0	\$0			0	0	• \$0	1		0	0	\$0	i o	\$0
Co-op	Brian Wolff	10.54	10.54			\$0	\$0	\$0			0	0	\$0			0	Ó	\$0	0	\$0
Boat/Equipment Operator	various	\$15.00	\$15.00			\$0	\$0	\$0			0	0	\$0			0	0	\$0	0	\$0
Labor Sub-Total	1	l		216	296	\$4,961	\$7,528	\$12,489	0	0	0	0	\$0	0	0	0	0]	\$0	512	\$12,489
Fringe (FY00 @ 44.2%; FY 01 @ 44.	1%)	0.442	0.441			\$2,193	\$3,320	\$5,512			\$0	\$0	\$0			\$0	\$0	\$0		\$5,512
Overhead @ 45% of labor						\$2,232	\$3,388	\$5,620			\$0	\$0	\$0			\$0	\$0	\$0		\$5,620
Total Loaded Labor	r				I I	\$9,3 86	\$14,235	\$23,621]	\$0	\$0	\$0		J	\$0	\$0	\$0		\$23,621
DIRECT COST	T						· · · · ·													
Mileage		0.31	0.31	600	600	\$186	\$186	\$372			\$0	\$0	\$0			\$0	\$0	\$0		\$372
Travel, Lodging, Per Diem								\$0					\$0					\$0		\$0
Supplies and Materials						\$150	\$150	\$300					\$0	·	1	1		\$0		\$300
Printing & Reproduction						\$300	\$300	\$600		·			\$0					\$0		\$600
Postage						\$25	\$25	\$50					\$0					\$0		\$50
Telephone, Communications						\$10	\$10	\$20			_		\$0					\$0		\$20
MES CAD Burden Rate		\$18.00	\$18.00	16	16	\$288	\$288	\$576			\$0	\$0	\$0			\$0	\$0	\$0		\$576
Vehicle Service/Rental								\$0					\$0					\$0		\$0
Boat Service/Rental		\$500	\$500	10	0	\$5,000	\$0	\$5,000			\$0	\$0	\$0			\$0	\$ 0	\$0		\$5,000
Special Equipment								\$0					\$0					\$0		\$0
								\$0					\$0			[\$0		\$0
Other	1				<u>ا</u> ا			\$0					\$0 50				1	so		- \$0
Other Contracted Services (GBA)	1			1]			\$0					\$0 50					\$0[\$0 50
Other Contracted Services (GBA) Contracted Services (Dolinar)								\$0					\$0	ſ				\$0		\$0
Other Contracted Services (GBA) Contracted Services (Dolinar) Contracted Services (Moffat & Nicho))																	8011		
Other Contracted Services (GBA) Contracted Services (Dolinar) Contracted Services (Moffat & Nichol Contracted Services)) 							\$0					\$0 \$0					\$0		\$0
Other Contracted Services (GBA) Contracted Services (Dolinar) Contracted Services (Moffat & Nichol Contracted Services Contracted Services								\$0 \$0					\$0					so		\$0 \$0 \$0
Other Contracted Services (GBA) Contracted Services (Dolinar) Contracted Services (Moffat & Nichol Contracted Services								\$0 \$0 \$0					\$0 \$0					so so		· \$0
Other Contracted Services (GBA) Contracted Services (Dolinar) Contracted Services (Moffat & Nichol Contracted Services Contracted Services						\$5,959	\$959	\$0 \$0			\$0	\$0	\$0			\$0	\$0	so		\$0 \$0 \$0 <u>\$0</u> \$0 \$6,918
Other Contracted Services (GBA) Contracted Services (Dolinar) Contracted Services (Moffat & Nichol Contracted Services Contracted Services Contracted Services						\$5,959	\$959	\$0 \$0 \$0 \$0			\$0	\$0	\$0 \$0 \$0			\$0	\$0	\$0 \$0 \$0		· \$0 \$0

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

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<u> </u>	Work Performed
744	Project/Operations Planning, Contract Oversight, Tech. Review/Support
291	Project Management, Ops Planning, Tech Review/Support; progress/team
	mtgs. Note: K. Wikar until 10/20; S. Storms after 10/20 Environmental Science/Monitoring
	Environmental Science/Monitoring
.	Alternate Project Manager, Environmental Science. Position will be
ļ	backfilled or hours reprogrammed to others upon assignment as project
912	manager.
	Contracting Planning and Documentation and Mgt. Support; Note: Position
	being filled
	Task Mgt.Support/Env. Science/Geology
	Environmental Science/Biology Environmental Technical/Inspection, Phragmites Control
	Environmental Technical/Inspection, Phragmites Control Environmental Technical
	Environmental Technical/Inspection
332	Environmental Technical
\$0	Task Manager; Engineering Planning and Review; progress/tearn mtgs.
\$0	Construction Planning
\$ 0	Engineering Design Evaulation, Cost Estimates
207	Civil and Dredging Engineering, Surveys, progress/team mtgs, field technical support. Note: S. Moore until 11/16; position being filled
	Engineering Design Evaulation, Cost Estimates
	Engineering Design Evaluation, Cost Estimates
\$0	Construction Engineering
\$0	Field Operations Planning
	Technical Support
	CAD Drawings, Document Preparation
	CAD Drawings, Document Preparation Marine Operations, Construction Inspection
	Marine Operations, Construction Inspection Engineering Technical Support
	Boat/Equipment Operations
489	
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TASK 16 - INTERORGANIZATIONAL SUPPORT (CENAB Item 5.4)

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BUDGET REVISION REQUEST FOR TASK 16 THROUGH DECEMBER 31, 2001

MES	LABOR				1	Subtask 1	6.1 Task				Subtask	6.2				Subtask 1	6.3		TAS	SK TOTALS Work Performed
Category	Employee	FY00 Hourly Rate	FY01 Hourly Rate	FY00 Est. Hours	Task Amend. # Est. Hours	FY00 Est. Cost	Amend #1 Est. Cost	Cost	FY00 Est. Hours	Task Amend. #1 Est. Hours		Task Amend #1 Est. Cost	Cost	FY00 Est. Hours	Task Amend. #1 Est. Hours		Task Amend #1 Est. Cost	Cost	Hours	Cost
		\$35.61	\$37.04			285		\$285	4	0	\$142	\$0	\$142		0	\$285				
roject Director/Senior Planner	Wayne Young	\$ 3 3.01	\$37.04			205	۲	\$200	-	v	3142	30	\$142) °		∌ ∠00	\$0	\$285	20	\$712 Project/Operations Planning, Contract Oversight, Tech. Revie Project Management, Ops Planning, Tech Review/Support; pn
roject Manager	see note at right	\$24.31	\$27.71	6	3 ⁻ 8	\$194	\$222	\$4 16	4	4	\$97	\$111	\$208	16	16	\$389	\$443	\$832	56	\$1,457 mtgs. Note: K. Wikar until 10/20; S. Storms after 10/20
enior Environmental Scientist	Cecelia Donovan	\$28.12	\$29.24	48	3 60	\$1,350	\$1,754	\$3,104 \$0	12	48	\$337 \$0	\$1,404	\$1,741 \$0	64	60	\$1,800	\$1,754	\$3,554 \$0	292	\$6,399 Environmental Science/Monitoring
nvironmental Scientist	Tammy Banta	\$25.06	\$26.07			3 0	30	*				\$0	20	Į		\$0	\$0	SO	0	\$0 Environmental Science/Monitoring Atternate Project Manager, Environmental Science. Position v
				•																backfilled or hours reprogrammed to others upon assignment
It. Project Manager/ Env. Scientist	Steve Storms	\$23.09	\$24.86	48	8 48	\$1,108	\$1,193	\$2,302	12	12	\$277	\$298	\$575	64	64	\$1,478	\$1,591	\$3,069	248	\$5,946 manager.
roject Management Specialist	see note at right	\$0.00	\$23.00			\$0	\$0	\$0		-	\$0		\$0			\$0	\$0	\$0	0	Contracting Planning and Documentation and Mgt. Support; N \$0 being filled
vironmental Specialist	Melissa Slatnik	\$14.87	\$15.38	48	3 50	· · · ·	\$769	\$1,483	12	50	\$178	\$769	\$947		40	\$1,190	\$615	\$1,805	280	\$4,235 Task Mot Support/Env. Science/Geology
ivironmental Specialist	Sue Kelly	\$14.22	\$16.27			\$0 \$0	\$0 \$0	\$0 \$0			\$0 \$0	\$0	\$0 \$0			\$0	\$0	S 0	0	\$0 Environmental Science/Biology
vironmental Specialist	Tom Humbles Erika Kehne	\$16.23 \$11.58	\$16.72 \$12.40	· 48	، ا	\$556	\$0 \$0	\$0 \$556	12	0	\$0 \$139	\$0 \$0	\$0 \$139		0	\$0 \$926	\$0 \$0	\$0 \$926	140	\$0 Environmental Technical/Inspection, Phragmites Control \$1,621 Environmental Technical
vironmental Specialist	Doug Taylor	\$13.35	\$13.62		1	\$0	· \$0	\$0			\$0	\$0	\$0		Ĩ	\$0	\$0	\$0	140	\$0 Environmental Technical/Inspection
vironmental Specialist	Gwen Neate	\$0.00	\$13.83		50		\$692	\$692		50	\$0	\$692	\$692		40	\$0	\$553	\$553	140	\$1,936 Environmental Technical
enior Engineer ngineer, Civil	William Chicca Larry Walsh	\$36.48 \$28.53	\$38.04 \$29.68			\$0 \$0	\$0 \$0	\$0 \$0			\$0 \$0	\$0 \$0	\$0 \$0			\$0 \$0	\$0 \$0	\$0 \$0	٥ ٥	\$0 Task Manager, Engineering Planning and Review; progress/te
ngineer, Civil ngineer, Civil	David Foster	\$28.29	\$29.00			\$0	\$0	\$0			\$0 \$0	\$0	\$0 \$0			\$0	\$0 \$0	\$0	ol	 \$0 Construction Planning \$0 Engineering Design Evaulation, Cost Estimates
-																			-	Civil and Dredging Engineering, Surveys, progress/team mtgs.
ngineer, Civil	see note at right Les Shaw	\$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	\$0 technical support. Note: S. Moore until 11/16; position being fil
ngineer, Civil ngineer, Civil	Charles Peng	\$28.53	\$29.00			\$0 \$0	\$0 \$0	\$0 \$0			\$0 \$0	\$0 \$0	\$0 \$0			\$0 \$0	\$0 \$0	sol	0	 \$0 Engineering Design Evaulation, Cost Estimates \$0 Engineering Design Evaulation, Cost Estimates
ngineer, Construction	Ellis Heath	\$18.61	\$19.17			\$0	\$0	\$0			\$0	\$0	\$0			\$0	\$0	\$0	ő	\$0 Construction Engineering
perations Field Supervisor	Allen West	\$17.08	\$18.21			\$0	\$0 \$0	\$0 \$0			\$0	\$0 \$0	\$0 \$0			\$0	\$0	\$0	0	\$0 Field Operations Planning
nvironmental Dredging Tech AD Technician	James Tracy Chris Nomis	\$13.44 \$20.54	\$15.40 \$21.15			\$0 \$82	\$85	\$167	2	2	\$0 \$41	\$0 \$42	\$83	٦	ام	\$0 \$82	\$0 \$85	\$0 \$167	20	\$0 Technical Support \$417 CAD Drawings, Document Preparation
AD Technician	Mark Cohoon	16.46	19.96		4 4	\$66	\$80	\$146	ō	Ō	\$0	\$0	\$0	4	4	\$66	\$80	\$146	16	\$291 CAD Drawings, Document Preparation
larine Operations Specialist	Jeffrey Pitts	\$22.44	\$23.25			\$0	\$0 \$0	\$0			\$0	S 0	\$0			\$0	\$0	\$0	0	\$0 Marine Operations, Construction Inspection
Co-op loat/Equipment Operator	Brian Wolff various	10.54 \$15.00	10.54 \$15.00			\$0 \$0	\$60	\$0 \$60	0	4	\$0 \$0	\$0 \$60	\$0 \$60	0	4	\$0 \$0	\$0 \$60	\$0 \$60	12	\$0 Engineering Technical Support \$180 Boat/Equipment Operations
abor Sub-Total				216	5 228	\$4,355	+-+	\$9,209	58	170	\$1,213	\$3,375	\$4,588	320	232	\$6,215	\$5,182	\$11,397	1224	\$25,194
nnge (FY00 @ 44.2%; FY 01 @ 44.	1%)	0.442	0.441			\$1,925	\$2,141	\$4,066			\$536	\$1,489	\$2,025			\$2,747	\$2,285	\$5,032		\$11,123
Overhead @ 45% of labor Totat Loaded Labor					+	\$1,960 \$8,240	\$2,184 \$9,179	\$4,144 \$17,419			\$546 \$2,294	\$1,519 \$6,383	\$2,065 \$8,677			\$2,797 \$11,759	\$2,332 \$9,798	\$5,129 \$21,558		\$11,337 \$47,654
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ileage		0.31	0.31	150	0 150	\$47	\$47	\$93	75	75	\$23	\$23	\$47	300	300	\$93	\$93	\$186		\$326
ravel, Lodging, Per Diem upplies and Materials						\$50	\$50	\$0 \$100		1	\$25	\$25	\$0 \$50			1		\$0 \$0.		\$0 \$150
rinting & Reproduction					1	\$100	\$100	\$200			\$25	\$25	\$50					sol		\$250
ostage						\$25	\$25	\$50			\$10	\$10	\$20					\$0	-	\$70
elephone, Communications IES CAD Burden Rate		\$18.00	\$18.00			\$25 \$144	\$25 \$144	\$50 \$288		_	\$10 \$0	\$10 \$36	\$20 \$36		ا	اريب		\$0		\$70
ehicle Service/Rental		310.00	310.00	'	ן י	3144	2144	\$200 \$0		2	20	300	\$0	8	. 6	\$144	\$144	\$288 \$0		\$612 \$0
pat Service/Rental		\$500	\$500	:	2 0	\$1,000	\$0	\$1,000	o		\$0	\$0	\$0	4		\$2,000	\$0	\$2,000		\$3,000 Chartered Boat Trips for Large Groups
pecial Equipment					1			\$0		ļ			\$0 \$0					so		\$0
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ontracted Services (Moffat & Nichol				1				\$ 0					\$0					\$ 0		\$0
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Contracted Services								\$0 \$0					\$0					\$0		\$0. \$0
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Total Direct Costs			1	1	1	\$1,391	\$391	\$1,781			\$93	\$129	\$223	1		\$2,237	\$237	\$2,474		\$4,478

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Subtask 16.1: CENAB ttem 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

Attachment 3 MES Proposal ED-03-01 (10/25/00) Page 17

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TASK 17 - PLANNING AND I	1				NERAL SI	UPPORT	INO CENU	AB number)			-{	+	-			<u> </u>				<u> </u>			+			+			-
BUDGET REVISION REQUEST FO	R TASK 17 TH	OUGH DEC	EMBER 3	1, 2001		<u> </u>				-		1	1	_														<u> </u>		
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		FY00 Hourty	FY01 Hourly	FY00 Est.	Amend.	FY00 Est.	Task		FYDO Est	Amend. #1 Est.	FYD0 Est	Amend		FY00 Est.	Amend.		Task			Amend.		Task Amend			Task Amend.	.	Task		1	
Category	Employee	Rata	Rate	Hours	Hours	Cost	Est. Cos		Hours	Hours	Cost	Cost	Cost	Hours	Hours	FY00 Est. Cost	Est. Cos1	Cost	FY00 Est. Hours	#1 Est. Hours	FY00 Est Cost	L #1 Est. Cost	Cost	FY00 Es Hours			Amend #1 Es1. Cos1	Cost		
	╂					 	<u> </u>	<u> </u>	+	<u> </u>			 									-			-				Hours	1
Project Director/Senior Planner	Wayne Young	\$35.81	\$37.04	4	4	\$142	\$14	8 \$291	4	4	\$142	2 \$148	\$29	1 0		º	\$ 148	\$148	0	0			o _ \$			50	50	5		
Project Manager	see note at rig	\$24.31	\$27.71		_24	\$583					\$583				40	0	\$1,108	\$1,108		0	\$0	.	0 \$ 4	,		so	\$0	5	0 13	
Senior Environmental Scientist Environmental Scientist	Cecelia Donos Terrimy Banta					\$0 \$0					\$0					0	\$0 \$0	\$0 \$0		0						\$0				0
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Att. Project Manager/ Env. Scientist	9 leve Storms	\$23.09	\$24.86	- 8	8	\$185	\$195	\$384	8	. 8	\$185	5 \$19 9	\$384	4		0	\$0	\$0		0	\$0	s.	s	4	<u> </u>	50	50	\$0	32	2
Project Management Specialis1	see note at lef	\$0.00				\$0	\$0	50 50			\$0		54	,	144	0	\$3,312	\$3,312			sn									
Environmental Specialist Environmental Specialist	Mekasa Slatni Sue Keliy	\$14.87 \$14.22	\$15,38 \$18.27		12	\$178				12	\$178 \$0						\$0 \$0	\$0 \$0		0	\$0 \$0) \$ (\$0		\$0 \$0	0 144	
		\$16.23	\$19.72			-	s											يتر.				\$0	\$			\$0	\$0	\$ 0	<u> </u>	-
Environmental Specialist Environmental Specialist	Tom Humbles Erika Kehne	\$11.58	\$12.40			\$0	\$0	\$0			\$0 \$0						\$0 \$0	\$0 \$0	╞╍──╀	- 0	\$0 \$0	\$0	50 \$0			\$0 \$0	\$0	\$0	<u> </u>	۱Ļ
Environmental Specialist Environmental Specialist	Doug Taylor Gwen Neate	\$13.35	\$13.92			\$0 \$0					\$0 \$0		\$0 \$0			0	\$0 \$0	04 04		0	\$0	\$0	\$0			\$0	\$0	\$0 \$0		2
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Senior Engineer Engineer, Civil	William Chicc Lerry Welsh	\$36.48 \$28.53				\$0 \$0			[02 50		\$0	<u></u>		0	\$0 \$0	\$0 \$0	<u> </u>	0	\$0 \$0	\$0 \$0	\$0			\$0		<u>\$0</u>		4
Engineer, Civil	David Foster	\$28.29	\$29.42		<u> </u>	\$0	\$0				\$0		\$0			Ō	\$0	\$0		0	\$0		\$0			\$0 \$0	\$0 \$0	\$0 \$0		1
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Engineer, Civil Engineer, Civil	see note at rig	\$19.30 \$28.53	\$21.59 \$29.68		I	\$0 \$0	<u>\$0</u>	\$0 \$0 \$0			\$0 \$0	\$0 \$0	\$0 \$0	<u> </u>	40	<u> </u>	\$864	\$864		0	\$0	\$0	\$0			\$0	\$0	\$0	40	1
Engineer, Civil	Charles Peng	\$23,13	\$24.06		İ	\$0	\$0	\$0	1.		\$0	\$0	\$0			0	\$0 \$0	\$0 \$0		0	\$0 \$0					\$0 \$0	\$0 \$0	\$0 \$0	0	F
Engineer, Construction Operations Field Supervisor	Ellis Hasth Alien Wast	\$18.61 \$17.08	\$19.17 \$18,21		+	\$0 \$0					\$0 \$0					<u> </u>	\$0 \$0	\$0 \$0			\$0	\$0	\$0			\$0	\$0	\$0	0	
Environmental Dredging Tech	James Tracy	\$13.44	\$15.40		1	\$0	\$0	\$0			\$0	\$	\$0		.40	. 0	\$618	\$618		- 0	\$0 \$0					\$0 \$0	\$0 \$0	\$0 \$0		
CAD Technician CAD Technician	Chris Norris Mark Cohoon	\$20.54 18.48				\$0 \$0					02 \$0		\$0 \$0				\$0 \$0	\$0 \$0			\$0 \$0	\$0 \$0	\$0			\$0	\$0	\$0	0	
Marine Operations Specialist	Jeffray Prtts 9rien Wolff	\$22.44 10.54				\$0 \$0		\$0	L		\$0 \$0	\$0	\$0			0	\$0	\$0		0	\$0	\$0	\$0			\$0 \$0	\$0 \$0	\$0 \$0		├
<u>Co-op</u>	1						~~~~	*								•		<u>\$0</u>			\$0	\$0	3			\$0	. \$0	\$0	0	
Bost/Equipment Operators	various	\$15.00	\$15.00	48	48	\$1.089	\$1,197	\$0	1440		\$21,600	\$43,200 \$44,397			268	0	\$0 \$6.048	\$0 \$6,048	960	- 0	\$14,400	\$0 \$0	\$14,400 \$14,400	0		\$0	<u>03</u>	\$ 0	5280	
	<u>i</u>											i l											*14,400 ·	0		\$0	04	\$0	5740	-
Fringe (FY00 @ 44.2%; FY 01 @ 44 Overhead @ 45% of labor		0.442	0.441			\$491 \$490		\$1,009				\$19,579 \$19,978				\$0 \$0	\$2,667 \$2,722	\$2,667 \$2,722			\$6,365	\$0 \$0				02 50	\$0 \$0	\$0 \$0	T	
Total Londed Labor	1				<u> </u>	\$2,060	\$2.263	\$4,323	1		\$42,928	\$83,954	\$126,882			\$0		\$11,437			\$27,245	\$0				\$0	\$0 \$0	\$0 \$0		\$
DIRECT COST						1.		<u> </u>							- 1			İ							ł		. +			
Mileage		0.31	0.31			\$0	\$0	\$0			\$0	\$0	\$ 0			\$0	\$0	\$0			\$0	\$0	\$ 0			\$0	\$0	\$0		
Travel, Lodging, Per Diem						\$0	\$24,000	\$24,000										_				.								
Supplies and Materials								\$0					\$0					90 \$0			\$0	\$12,000	\$12,000					\$0 \$0		;
Printing & Reproduction						1		\$0 \$0					\$0 \$0					\$0 \$0					\$0 \$0					\$0		
Telephone, Communications	<u> </u>							\$0					\$0					\$0					\$0					\$0 \$0		
MES CAD Surden Rate		\$18.00	\$18.00				<u> </u>	0 2		-			\$0					\$0					\$0					\$0		
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Vehicle Service/Rental						\$18,000	\$81,000	\$99,000					\$0				· .	50										\$0		
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Bost Service/Rental											\$36,000	\$151,500	\$187,500					\$ 0					\$0					\$ 0		\$1
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Special Equipment	<u> </u>					L		\$0					\$0			1		\$0			\$0	\$60.000	\$60,000	1				_		_
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Contracted Services (GBA)	L							\$0					\$0		T	T	T	50	T			1					-+		-+	\$22
Contracted Services (Dolinar) Contracted Services (Moffal & Nicho								\$0 \$0					\$0					\$0										\$0 \$0		
Contracted Services	Ϊ							\$0					\$0 \$0					\$0 \$0					04 04					\$0		
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	<u>[</u>							\$0					\$0					\$0 \$0					\$0 \$0		<u> </u>		— — —	\$0 \$0	$-\mp$	
Total Direct Costs	1					a 18,000	<u>\$105,000</u>	\$123,000			¥36,000	\$151,500	\$187,500			<u>z 03</u>	226,200	\$226,200			04	\$72,000	\$72,000		- [\$0	\$0	50		\$60
TASK 17 SUBTOTAL (Labor and C	Direct Costs)	·				\$20,060	\$107,263	\$127,323			\$78.928	\$235,454	\$314,382			30 58	237,637	\$237,637			27,245	\$72,000	\$99,245			\$0	50	\$0		\$778
Subtask 17.1: Vehicle Lease/Rental	/Service (less m	(9004)																	+		-+								_	
Subtask 17,2: Boat Service/Rental Subtask 17.3: Other Logistics Suppo	1	┝──┤																												
					<u> </u>	-		•																						
Subtask 17.4: Specialized Equipmen Subtask 17.5: yecant	nț.				L								;				1						1					-#-		

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Attechment 3 MEB Proposal ED-03-01 (10/25/00) Page 18

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K TOTALS Work Performed Cost Project/Operations Planning, Contract Oversight, \$729 Tech, Review/Support Project Management, Ope Planning, Tech \$3.651 Review/Support; organisational micro, Note: K, \$0 Environmental Science/Monitoring \$0 Environmental Science/Monitoring Atternate Project Manager, Environmental Scienco Position will be beckfilled or hours reprogrammed \$767 to others upon assignment as project manager. ST67 to others upon essionment as project menager, Contracting Planning and Documentston and Mi St312 Support, Note Pesition being filled St26 Task Mit.SupportEnv.Science/Redoxy Se Terronmental Science/Brokov So Environmental Technical/Inspection, Phragmas So Environmental Technical So Environmental Technical So Environmental Technical Task Manager: Engineering Planning and Review So Construction Planning So Environmental Technical Task Manager: Engineering Planning and Review So Construction Planning So Environmental Technical Centrology Planning So Environmental Technical Centrology Planning So Environmental Technical Centrology Planning So Environmental Technical Centrology Planning So Environmental Technical Centrology Planning So Environmental Technical Centrology Planning So Environmental Technical Centrology Planning So Environmental Technical Centrology Planning So Environmental Technical Centrology Planning So Environmental Technical Centrology Planning So Environmental Technical Centrology Planning So Environmental Technical Centrology Planning Centr ation and Mg S0 Environmenta Desian Evaluation, Cost Estimates
 Civil and Dredging Engineering, Surveys,
 progress/have mitts, field technical support. Note:
 5864 5. Moore until 111(9) costion being field
 S0 Engineering Desian Evaluation, Cost Estimates
 S0 Engineering Desian Evaluation, Cost Estimates
 S0 Engineering Desian Evaluation, Cost Estimates
 S0 Field Operations Planning
 S0 Field Operations, Document Preparation
 S0 CAD Drevings, Document Preparation
 S0 Engineering Technical Support
 S0 Engineering Technical Support
 S0 Engineering Technical Support
 Boet & Equipment Operation, Service by various
 S79,200 bergronnel as required.
 S0,820 \$39,649 \$40,419 \$169,887 30 Assumes everage of 1 person deployed for 12 months from HMI. Funding reverts to Task 17 once \$60 \$0 \$0 _____\$0 Vehicle service for MES services has been provided primarily through Task 18 for initial implementation activites including deventaring of Upland Cell #1. Rouths best service for planning and implementation will be funded through Task 17 upon completion of Task 18 underdram installation \$99,000 and diek raising support. Boet service for MES services has been provided primarily through Task 18 for initial implementation activities including develating of Upland Cell #1. Routine boat service for planning and implementation will be funded through Task 17 pro completion of Task 18 underdrain installation \$187,500 and dek retains subcort. Contingent Item: Special Equipment has been provided Drough Task 18 for initial implementation activities including dewratering of Upland Call #1. Hutter needs will be determined on a tax-by-task, \$60,000 case-by-case basis in consultation with the MPA. 360,000 (case-br-case basis in consultation with the MPA Other logistics support for planning and implementation has been provided through Tesk 18 for initial implementation activities including deversiming of upland Call 81. Future needs will be determined on a bas-by-task, case-by-case basis in \$225,200 consultation with the MPA. Dredging Engineering Planning and Technical \$0 Services \$0 \$0 \$0 \$0 \$0 \$608,700 \$778,587 ____ ----

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

MES LABOR

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

								MES LA	BOR											<u> </u>
Category	Employee	TASK 1	TASK 2	TASK 3	TASK 4	TASK 5	TASK 6	TASK7	TASK 8	TASK 9	TASK 10	TASK 11	TASK 12	TASK 13	TASK 14	TASK 15	TASK 16	TASK 17	TOTal	Work Performed
oject Director/Senior Planner		952	14	64				11			· · ·									Work / endined
oject Director/Senior Planner	Wayne Young	952	14	04	1	3	10	1 11	1	66	44	48	1	. 4	12	48	20	20	1319	
oject Manager	see note at right	1568	36	120	8	24	52	28	4	98	232	16	ol	32	44	80	56	136	2534	Project Management, Ops Planning, Tech Review/Support: progress/team mtos. N
enior Environmental Scientist	Cecelia Donovan	160	174	0	0	0	48	l o	, 0	53		8	ol	56	52	120	292	130	2334 963	
nvironmental Scientist	Tammy Banta	48	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0		Environmental Science/Monitoring Environmental Science/Monitoring
								Í					1							
t. Project Manager/ Env. Scientist	Steve Storms	520	146	0	0	0	46	0	0	72	0	16	60	32	48	120	248	32	1340	Alternate Project Manager, Environmental Science. Position will be backfilled or ho reprogrammed to others upon assignment as project manager.
roject Management Specialist	see note at right	616							•										1040	Tropic ogrammed to others upon assignment as project manager.
nvironmental Specialist	Melissa Statnik	320			0			0	0	0	0	0	0	0	0	0	0	144	760	Contracting Planning and Documentation and Mgt. Support; Note: Position being fi
nvironmental Specialist	Sue Kelly	320	204	40	0		48	24	4	32	144	0	12]	96	48	48	280	48	1440	Task Mgt.Support/Env. Science/Geology
nvironmental Specialist	Tom Humbles	40	10		0		0		0	0	0	0	0	0	0	0	0	0	48	Environmental Science/Biology
nvironmental Specialist	Erika Kehne	00	10		0		0		0	40	0	0	196	0	0	0	0	0		Environmental Technical/Inspection, Phragmites Control
		40	24		0	0		0	0	0	8	0	0	12	0	24	140	0	256	Environmental Technical
nvironmental Specialist nvironmental Soecialist	Doug Taylor	30	10		0	0	0		0	32	0	0	0	0	0	0	0	0	84	Environmental Technical/Inspection
	Gwen Neate	128	40	0.	0	0	40		0	0	0	0	0	48	40	24	140	0	356	Environmental Technical
enior Engineer	William Chicca	120		04		0		· 0	0	0	0	0	0	0	0	0	0	o	192	Task Manager, Engineering Planning and Review, progress/learn migs.
ngineer, Civil	Larry Waish	32			0	0	0	0	0	0	36	0	이	0	0	0	0	0	84	Construction Planning
ngineer, Civil	David Foster	32	"	"	0	0	0	0	0	0	120	0	0	이	0	0	0	ol	152	Engineering Design Evaulation, Cost Estimates
ngineer, Civil	see nota at right	680	۰ ا	60	0	12	32	16		16	228	20								Civil and Dredging Engineering, Surveys, progress/team migs, field technical surveys
ngineer, Civil	Les Shaw	32	l ñ		ő				ő	10	64	30			U	16	0	40	1136	Note: S. Moore until 11/16; position being filled
ngineer, Civil	Charles Peng	32	l ñ	n n	ő	i o	Ň		ő	0	72		, SI			0	0	• 0	96	Engineering Design Evaulation, Cost Estimates
ngineer, Construction	Ellis Heath	120	l õ	ő	ő	i ő	i š		ő	ő	112			, si	U U	0	0	oļ		Engineering Design Evaulation, Cost Estimates
perations Field Supervisor	Allen West	104			ő		i i		ő		112			S S	0	0	0	이	232	Construction Engineering
nvironmental Dredging Tech	James Tracy	144			ő	i o		ő	ő			្ព		0	0	0	0	0	112	Field Operations Planning
AD Technician	Chris Norris	56	20		0	0				š	70		, SI		0	0	0	40	208	Technical Support
AD Technician	Mark Cohoon	56	20		0						(9)		, i	32	0	16	20	0	231	CAD Drawings, Document Preparation
arine Operations Specialist	Jeffrey Pitts	80	0 0		0				, SI			ž	2	2	2	16	16	oļ		CAD Drawings, Document Preparation
	Brian Wolff	24	0 0		0 n			, N		ž	40	2	, SI	ol O	0	<u>0</u>	0	. 0	120	Marine Operations, Construction Inspection
bat/Equipment Operator	various	64			0					, i	, SI	, S			0	0	0	0		Engineering Technical Support
abor Sub-Total	1.0.003	6020	750	356	17	55	284	79		421	1187	140		0	0	0	12	5280		
		0020	1.00				204	/9	9	421	110/]	140	269	312	244	512	1224	5740	17619	

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

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 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 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)

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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 3 MES Proposal ED-03-01 (10/25/00) Page 19

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