



Comprehensive Everglades Restoration PLAN

Everglades Agricultural Area Storage Reservoirs, Phase 1

Project Implementation Reports
RFP# C-C10801P

PREPARED FOR



PREPARED BY



Kimberly Horn
and Associates, Inc.

Statement of Work for Contract C-C10801P

Generally describes all services to produce PIR

Describes in detail the initial effort up through
identifying alternative plans

Future Contract Amendments will:

- Evaluate 3 to 5 Alternatives

- Conceptual level design

- Opinions of Cost

- Complete PIR

Statement of Work for Contract C-C10801P

- Task 1 Project Management Support
- Task 2 EAA Basin Modeling
- Task 3 Alternative Plan Evaluation Criteria
- Task 4 Inventory of Existing Conditions
- Task 5 Alternative Plan Formulation
- Task 6 Survey and Mapping

Task 1

Project Management Support

Consists of project management tools that will aid the management of the project, meeting participation and public outreach.

- **Completed Activities**

- Kickoff Meeting
- PDT Meetings (4)
- Quality Control Plan
- PIR Outline
- Draft P3e Schedule
- Quarterly P3e Schedule Report
- Quarterly Mailing List Report
- Brochure

- **Future Activities**

- PDT Meetings
- Public Workshops
- Coordination Meetings in Jacksonville, FL
- Coordination Meetings with USACE Division in Atlanta, GA
- Coordination Meetings with USACE HQ in Washington DC
- Quarterly Mailing List Report
- Fact Sheets

Task 2

EAA Basin Modeling

Consists of the development of a hydrologic model and its application to characterize existing conditions and aid plan formulation.

The model will also be used to address tasks in the alternative plan evaluation phase.

- **Completed Activities**

- Model Evaluation Report
- Basin and Sub-Basin Delineation

- **Future Activities**

- Independent Benefits of Canal Improvements
- Rainfall Frequency Analysis for Storm Events
- Hydrologic Modeling/Methodology Report
- Hydrologic Model Calibration and Verification Report
- Reservoir Phosphorus Uptake
- EAA Water Budget
- Existing Conditions Flood Simulation Document
- Hydraulic Design Criteria Report

Task 3

Alternative Plan Evaluation Criteria

Consists of development of a comprehensive set of evaluation criteria that will be used in the evaluation of alternative plans and the identification of a recommended plan.

Public outreach is an important component of this task.

- **Completed Activities**

- Prelim. Draft Alternative Plan Evaluation Criteria Hierarchy
- NEPA Regulatory Scoping Workshop
- NEPA Public Information Document
- NEPA Meeting Presentation

- **Future Activities**

- NEPA Meeting Summary
- Alternative Plan Evaluation Criteria Hierarchy
- Alternative Plan Evaluation Criteria Document

Task 4

Inventory of Existing Conditions and Forecast of Future Conditions

Consists of an overall description of the existing water management, water quality, flood damages, socioeconomics, land use, and environmental conditions.

- **Current Activities**

- Environmental Existing Conditions
- Socioeconomic Existing Conditions
- Existing Land Use Classifications
- Economics Data Collection Work Plan

- **Future Activities**

- Economic Data
- Flood Damage Assessment Document
- Water Management/Water Quality Existing Conditions

Task 5

Alternative Plan Formulation

Consists of brainstorming a comprehensive set of alternative plans and then performing a screening process to identify the 3 to 5 alternatives that are most likely to fully meet the project goals.

These alternative plans will then be evaluated in future work efforts.

- **Current Activities**
 - Comprehensive Alternative Plan Document

- **Future Activities**
 - Alternative Plan Screening Criteria
 - Alternative Plan Screening Document
 - Alternative Plan Description Document

Task 6

Survey and Mapping

Consists of establishing horizontal and vertical control for portions of the Project, preliminary topography, preliminary bathymetry and preliminary location of land use features.

- **Completed Activities**

- GPS Network Plan
- GPS Network Survey for Canals
- Land Owner Contact Graphic
- Transects by RTK
- Bolles Canal X-Sections

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- **Future Activities**

- Miami Canal X-Sections
- North New River Canal X-Sections GIS Integration
- Cross Canal X-Sections
- Micro Station Conversion
- NAVD 88/NGVD 29 Adjustments



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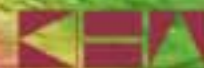
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