



DEADLINE
All reviews must be
completed by this date.

ASAP

South Florida Water Management District
Document Routing and Coordination

Please Attach This Form to the Exterior Cover of the Routing Folder on Yellow Paper

Originator	Div/Dept	Phone/Extension	Preparer	Phone/Extension
Sue Ray/Brooke Aherns	ERRA	4019	Brooke Aherns	561-209-6623

Document Routing Justification:

C-44 Reservoir/STA Project Charter

This is the Project Charter for a daughter project of Indian River Lagoon South (IRL-S) project.

This Charter is being circulated for signature among various resource areas that are asked to support future project activities. The Charter identifies specific resource needs, such as FTEs or contracts, and a timeline of the expected support for your approval.

	To	Phone/Extension	Mail Code	Action Code(s) *	Initials	Date
1	Steve Brashers	3711	7431	I,S,F	SB	2-10-2010
2	Matt Morrison	3718	7431	I,S,F	AM	2-10-2010
3	Tom Teets	6993	7410	I,S,F	AT	2-11-2010
4	Jeff Kivett	4018	7810	I,S,F	JK	2/12/10
5	John Dunnuck			I,S,F	COMPLETE SEE COVER SHEET	2.11.10
6	Tommy Strowd	6998	7111	I,S,R	TS	2.11.10
7						

Comments:

*** Action Codes:**

A = Approve

C = Review & Comment

F = Forward to next on list

I = Initial

O = Other

P = Proofread

R = Return to originator

S = Signature



South Florida Water Management District
Northern Borealis and Coordinator

Project Name				Project Number			
1. Lake Okechobee				101			
2. Lake Manatee				102			
3. Lake Alafia				103			
4. Lake Kissimmee				104			
5. Lake Tohopechula				105			
6. Lake Kissimmee				106			
7. Lake Kissimmee				107			
8. Lake Kissimmee				108			
9. Lake Kissimmee				109			
10. Lake Kissimmee				110			
11. Lake Kissimmee				111			
12. Lake Kissimmee				112			
13. Lake Kissimmee				113			
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20. Lake Kissimmee				120			

Handwritten notes and signatures in the left margin of the table.



Project Charter

The project charter is a document that authorizes the manager to apply organizational resources to project activities and to proceed with finalizing the project scope and developing the project plan.

Program: CERP

Project SAP PS ID 100548

Project ID (other) P107

Project Title: C-44 Reservoir/STA Project

Project Manager: Sue Ray

Project Sponsor(s): John Dunnuck

Mandate(s): CERP, WRDA 2000 & 2007, IRL-S PIR, Savings Clause


Level of Empowerment:

This Project Charter is a document that authorizes the project manager to apply organizational resources to project activities and to proceed with finalizing the project scope and developing the project plan.

Approvals:


Steve Brashers, Section Lead, Project Coordination Division

2-10-2010
Date


Matt Morrison, Director, Project Coordination Division

2-10-2010
Date


Tom Teets, Director, Policy and Coordination Department

2-10-2010
Date


John Dunnuck, Director Business Services, ERCP

2-11-2010
Date


Tommy Strowd, P.E., Asst. Deputy Executive Director, ERCP

2-11-2010
Date

Revision Sheet

<i>Release No.</i>	<i>Date</i>	<i>Revision Description</i>
<i>Rev. 0</i>	1/14/10	Initial Project Charter for C-44 Relocations
<i>Rev. 1</i>		
<i>Rev. 2</i>		
<i>Rev. 3</i>		

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PROJECT TEAM

Project Name: C-44 Reservoir/STA Project

Project Manager: Sue Ray

Project SAP Number: 100598






USACE Project: ☒ Y or ☐ N (check one)

Project Phase: Corrected Final, Solicitation, and Construction

Brief Project Description: The C-44 Reservoir/STA Project is located on approximately 12,000 acres of land owned by the South Florida Water Management District (SFWMD). This Project comprises three components (Reservoir, West STA, and East STA) identified in the Indian River Lagoon South (IRL-S) Project Implementation Report (PIR). SFWMD has completed the design, acquired the land, and obtained all permits. US Army Corps of Engineers (USACE) intends to construct the majority of the Project.

	Required	Optional	FTE
Project Manager – Sue Ray	X		1.04
Chief Engineer Reviewer – Jose Guardiola	X		.04
Establish Review – Sean Williams	X		.02
Contract Specialist	X		.04
Notify Public – Gardenia Long	X		.02
Construction Manager	X		.78
Real Estate Negotiator – Ruth Clements	X		.13
Office of Counsel Negotiator – Abe Cooper	X		.13
Perform O&M Review – Northon Jocelyn	X		.04
Project Sponsor - Beth Kacvinsky	X		.04
Project Policy - Paul Warner	X		.13
Perform O&M Review – Roy Sapp	X		.04
Perform WQ Review - Scott Huebner	X		.04
Perform SCADA/Instr - Joel Ortiz-Brignoni	X		.04
Perform IT Review - Steve Burns	X		.04
Perform Permitting Review - Nimmy Jeyakumar	X		.04
Perform Dam Safety Review - Steve Partney	X		.04
Perform Operations Review – Sally Kennedy	X		.04

Signoff for Resource Commitment

Everglades Restoration and Capital Projects Resource Area: (Print Name & Sign) _Jeff Kivett 	Date: <u>2/12/10</u>
Operations and Maintenance Resource Area: (Print Name & Sign) _Joel Arrietta 	Date: <u>2-23-10</u>
Corporate Resources: (Print Name & Sign) _JJ Flathmann 	Date: <u>2/12/10</u>
Government & Public Affairs: (Print Name & Sign) _Jayne Bergstrom 	Date: <u>2-12-10</u>
Program Manager: (Print Name & Sign) _John Dunnuck 	Date: <u>2-11-10</u>

PROJECT MANAGEMENT OVERSIGHT TEAM

The oversight team provides guidance to the project manager. This team is responsible for approving policies, plans, standards, and procedures including quality assurance, risk management, and performance measurement plans. The oversight team approves changes, monitors performance and assists the project manager in resolving issues escalated by the project manager. If applicable, identify the name(s), role(s), and responsibilities of the Project Oversight Team. The form may be modified to meet additional needs.

Name	Role	Responsibility
John Mitnik	Supervisor	Approve Plans/Specs
Jeff Kivett	Engr Dept Director	Approve Plans/Specs
Paul Warner	Policy	Assist with Policy Issues

PROJECT LOCATION

The C-44 Reservoir/STA Project site is located north of the C-44 Canal in Martin County just east of the Town of Indiantown on Citrus Boulevard.

PROJECT SCOPE

The project scope for this portion of the C-44 Reservoir/STA Project covers the design repackaging and construction of (1) the relocation efforts as defined by the US Army Corps of Engineers, (2) the C-132 and Northern C-133 Canals, and (3) the C-44 Communication Tower. All work efforts associated with the relocation efforts are cost shareable; however, SFWMD will not acquire any assets as a result of these relocations. All relocation assets will be owned, operated, and maintained by Troup Indiantown Water Control District (TIWCD) or Florida Power & Light (FPL). The C-132 and Northern C-133 Canals efforts will result in the acquisition of assets but these efforts are not cost shareable. The C-44 Communication Tower results in the acquisition of assets and is cost shareable.

The project scope also includes coordination with and assisting the USACE in support of their efforts to repackage the plans and specifications and to construct the remaining portions of the C-44 Project. The USACE intends to repackage the design and construct the remaining Project features with three separate construction contracts. Contract No. 1 includes the Intake Canal, Project Access Road, Citrus Boulevard Bridge and Culverts, C-133A and Southern C-133 Canals, and C-133 Spillway. Contract No. 2 includes the Reservoir and Pump Station. Contract No. 3 includes the STAs. SFWMD assistance includes efforts related to obtaining policy directions, executing a Project Partnership Agreement (PPA) including a Transfer Plan, providing land certifications, and determining if any design changes are required due to new issues since the design was completed in April 2008.

In Scope:

- Repackaging of the already reviewed and approved plans and specifications for the TIWCD Temporary System and the TIWCD Permanent System
- Performing quality control/assurance review of the TIWCD repackaged plans and specifications
- Issuing solicitations for and construction of TIWCD Temporary Pumps at Site 1, TIWCD Canal Improvements and Pumps at Site 5, and TIWCD Permanent Pump Station
- Executing agreement with FPL that was finalized and never executed
- Oversight of FPL activities which include the removal, installation, and raising of power lines
- Repackaging of the already reviewed and approved plans and specifications for the C-132 and Northern C-133 Canals

- Performing quality control/assurance review of the C-132 and Northern C-133 Canals repackaged plans and specifications
- Issuing solicitations for and construction of the C-132 and Northern C-133 Canals
- Repackaging of the already reviewed and approved plans and specifications for the C-44 Communication Tower
- Performing quality control/assurance review of C-44 Communication Tower repackaged plans
- Issuing solicitations for and construction of the C-44 Communication Tower
- Performing quality control/assurance review of the repackaged plans and specifications for the USACE three construction contracts
- Assist in the development of PPA, Transfer Plan, and policy papers including but potentially not limited to the use of residual agrochemicals impacted soils by USACE during construction
- Provide land certifications for each USACE construction contract including executed agreements with Bar B Ranch and Martin County
- Participate in a USACE workshop and related efforts on requirements for potential design changes including but potentially not limited to the mitigation of wildlife entrapment issues

PROJECT GOALS/OBJECTIVES

The Project objectives, as defined in the IRL-S PIR, are to capture local runoff from the C-44 Basin, treat some or all of it via sedimentation and natural transformation of nutrients, and return it to the C-44 Canal when there is a need. The components are designed for flow attenuation to the St. Lucie Estuary, water quality benefits from reduced loading of nutrients, pesticides, herbicides, and other pollutants contained in runoff presently discharged to the estuary, and water supply benefits.

PROJECT JUSTIFICATION

The C-44 Reservoir/STA Project is included in the IRL-S PIR as part of the Comprehensive Everglades Restoration Plan (CERP). The Project was authorized in the Water Resources Development Acts 2000 and 2007. The entire C-44 Reservoir/STA Project was originally initiated by SFWMD under a previous charter and the Project ID of P507. As part of that effort the entire C-44 Project was designed, all lands were acquired, all point source remediation was completed, and all permits were obtained. The original intent was for SFWMD to construct the project but funds were not available in mid-2007 when the project was ready to be issued for bid. Then, USACE received funding in FY2010 and now intends to construct the C-44 Project over the next 7 years. .

PROJECT DELIVERABLES

- TIWCD Temporary Pumps at Site 1 Plans and Specifications

- TIWCD Canal Improvements and Pumps at Site 5 Plans and Specifications
- TIWCD Permanent Pump Station Plans and Specifications
- Executed FPL Agreement
- C-132 and Northern C-133 Canals Plans and Specifications
- C-44 Communication Tower Plans and Specifications
- TIWCD Temporary Pumps at Site 1
- TIWCD Canal Improvements and Pumps at Site 5
- TIWCD Permanent Pump Station
- Relocated C-44 Canal Crossing Power Line
- Removed Via Tropical Power Line
- Relocated Bar B Ranch Power Line
- Raised Transmission Lines
- C-132 and Northern C-133 Canals
- C-44 Communication Tower
- Executed PPA and Transfer Plan
- Land Certifications for each USACE Contract
- Executed Bar B Ranch Agreement
- Executed Martin County Agreement

PRELIMINARY METHODOLOGY

Utilizing GEPS contract 400000488, issue work orders to the Engineer of Record HDR Engineering, Inc. to produce plans and specifications, provide EDC services, and project management support services. Issue solicitations for five construction contracts utilizing the pre-qualified list of contractors whenever possible. Utilize one of the GEPS contracts to acquire CMS services.

BUSINESS AREA INVOLVED

1. Engineering Department – provide project management and technical review support
2. Policy & Coordination Department – provide leadership for policy issues and PPA
3. Construction Department – provide construction management support
4. Procurement Department – process work orders and issue construction solicitations
5. Real Estate Department – provide real estate support of FPL agreement and land certifications
6. Office of Counsel – provide legal support of the FPL agreement and land certifications
7. Service Center – keep public informed and arrange groundbreaking ceremony

FUNDING/COSTS/RESOURCES

A budget transfer was approved at the November 13, 2009 Governing Board and another transfer was approved at the January 14, 2010 Governing Board. The approved Change Control Requests, Governing Board Back-up Memos, and Governing Board Resolutions are attached.

Select one: This project is budgeted. ☒ This project is not budgeted. ☐

Funding: 410000, 412000

Costs: \$8,175,440 for FY10; \$15,000,000 Total

Resource Requirements: Varies from 1.5 to 2.5 FTEs per year; 1.5 FTE for FY10

ASSUMPTIONS

1. No design changes from previously reviewed plans and specifications except for reservoir interior; therefore, majority of review efforts performed by SFWMD staff and minimal staff time will be required for review efforts
2. All relocation features will be owned by third parties so no involvement by O&M is required
3. FPL will agree to existing negotiated draft agreement so minimal staff time required
4. Utilization of pre-qualified contractors to minimize solicitation times
5. USACE will receive sufficient funding for construction starting in FY11
6. USACE will be able to construct with agrochemical impacted soils
7. IT will provide requirements for communication tower equipment to support schedule

CONSTRAINTS

1. TIWCD Temporary Pumps at Site 1 need to be installed as early as possible in this dry season to ensure TIWCD receives the same level of service during construction
2. TIWCD Canal Improvements and Pumps at Site 5, C-44 Canal Crossing power line relocation, and Via Tropical power line removal need to be completed prior to USACE advertisement for construction in October 2010
3. TIWCD Permanent Pump Station cannot be constructed until US Army Corps of Engineers constructs the Intake Canal
4. Bar B Ranch power line relocation needs to be completed prior to US Army Corps of Engineers Contract 2 for the reservoir

OTHER ROLES AND RESPONSIBILITIES

Modify the following roles and responsibilities based on the scope, assumptions, and constraints of this project. Under the project team section, include a statement spelling out the skills needed for the team.

The **project sponsor** is responsible for;

- Communicating District objectives
- Overseeing cross-organizational participation
- Providing a focal point to resolve issues escalated from the management oversight and guidance to the project manager

The **project manager** is responsible for,

- The project's overall performance and success
- Approving policies, processes, and procedures developed by project team members
- Being the focal point for communication between the project manager oversight
- Escalating to the management oversight team issues that cannot be resolved at the project level
- Developing and maintaining the project plan

The **Functional Manager (Department Director)** is responsible to:

- Provide the resources for the project
- Ensure the quality of the resources provided to support the project
- Contribute to the performance evaluation of the project manager

The **Program Manager** is responsible for:

- Developing Annual Work Plan and Strategic Plan input for the Program
- Monitoring project status during the fiscal year
- In conjunction with the Department Director, reviewing and signing the Project Charter and Project Management Plan
- Leading the Program's team of project managers and professionals to accomplish programmatic objectives
- Assisting in the development of Project Managers
- Reporting on, and communicating, Program and project status to Sr. Managers

