



BOARD OF COUNTY COMMISSIONERS

DATE: January 13, 2015

AGENDA ITEM NO. 12

Consent Agenda ☒

Regular Agenda ☐

Public Hearing ☐

County Administrator's Signature: 

Subject:

Rescind Grant Application with the Southwest Florida Water Management District (SWFWMD) for the Lake Seminole Sediment Removal Phase II Project
County PID No. 000157A/922025

Department:

Public Works

Staff Member Responsible:

Richard Coates, P.E., Director

Recommended Action:

I RECOMMEND THE BOARD OF COUNTY COMMISSIONERS (BOARD) RESCIND THE GRANT APPLICATION WITH SWFWMD FOR THE LAKE SEMINOLE SEDIMENT REMOVAL PHASE II PROJECT FOR SWFWMD'S FISCAL YEAR (FY) 2016 COOPERATIVE FUNDING INITIATIVE IN THE AMOUNT OF \$3,078,000.

Summary Explanation/Background:

SWFWMD has requested the County withdraw its funding request for FY 2016 in the amount of \$3,078,000, which was previously approved by the Board on September 23, 2014. It is SWFWMD's desire to re-issue this Agreement after the actual construction bids including the project schedule are received. The re-issued Agreement will reflect the actual cost and schedule of the successful bidder. We anticipate the solicitation to be posted and bids to be received in early 2015. The current agreement is for \$17,135,424. SWFWMD's portion is 50%, and those funds are encumbered for the project. Following the construction award, the project will be presented before SWFWMD's Governing Board for an out of cycle funding request to approve the new funding total and the revised project schedule. SWFWMD staff has advised the Governing Board and received approval to proceed in this manner.

Project Background: The Seminole Dredging Project N191 includes the design, development, and permitting of the dredging of Lake Seminole as Phase I of the whole lake sediment removal project. Phase II is construction and operations to remove organic sediments which are consistent with the goals and objectives of the Lake Seminole Watershed Management Plan (2001), the state and federally approved Reasonable Assurance Plan (2007, 2011), and the Lake Seminole Sediment Removal Feasibility Study (2006) for the removal of nuisance, nutrient rich sediments that have degraded water quality and lake habitats.

Fiscal Impact/Cost/Revenue Summary:

The current funding obligation from SWFWMD is \$8,567,712, with a County match of \$8,567,712, for total project funding of \$17,135,424. The County funding source is the Infrastructure Sales Tax (Penny for Pinellas): Environmental Restoration and Protection, Lake Seminole Sediment Removal Project.

Exhibits/Attachments Attached:

SWFWMD Project Information Sheet



PROJECT INFORMATION MANAGEMENT SYSTEM

(N191) Water Quality – Lake Seminole Sediment Removal Project

View

Thursday, November

20,

2014 ADNNORTON 1

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Project Number	N191
Project Name	Water Quality – Lake Seminole Sediment Removal
Project Manager	Norton, Nancy T
Task Managers	
Basins	Pinellas-Anclote River
AORs	100% Water Quality Water Quality Maintenance and Improvement
PIMS Programs	Habitat Restoration
Cooperator	Pinellas County, Pinellas Co. Department of Environmental Mgt.
Description	Design, permitting and removal of approximately 872,000 cubic yards of organic muck in Lake Seminole to improve water quality and aquatic habitat. The project is the top alternative identified in the Lake Seminole Watershed Management Plan for improving water quality and habitat and to meet the federally approved Reasonable Assurance Plan.
Benefits	Water quality improvement through the removal of nutrient laden sediments to reduce nutrient cycling.
Costs	The total project cost is currently estimated at \$24,135,424 (design, permitting and sediment removal). To date the District and the County have budgeted \$17,135,424.
Additional Info	<p>Resource Benefit - The Resource Benefit of the Water Quality project is the reduction of Total Nitrogen in Lake Seminole by an estimated 870,000 lbs of TN.</p> <p>The Measurable Benefit, which will be the contractual requirement, is the removal of approximately 872,000 cubic yards of organic muck that will no longer be available for internal nutrient cycling in this highly urbanized watershed. There will be no monitoring or performance testing requirements.</p>

Cost Effectiveness - The estimated cost/lb of TN is significantly less than the historical average of \$224/lb for urban/suburban water quality projects. The cost effectiveness is solely an analysis of the estimated project cost as compared to the costs of similar projects.

The District and Pinellas County entered into a Master Agreement for Lake Seminole in 1993 to fund a management plan and restoration alternatives. The jointly funded Lake Seminole Watershed Management Plan was completed in 2001. This plan details the existing conditions of the Lake Seminole Watershed and the actions required to restore the lake and meet habitat and water quality goals. In addition to sediment removal the plan recommended stormwater treatment projects. Several stormwater treatment projects are complete. The County completed one stormwater treatment project, W267, and a second stormwater treatment project, P902 is ongoing now. Dredging the lake to remove sediments was one of the recommended actions to improve water quality and habitat. This project will meet that goal. Lake Seminole discharges, via Boca Ciega Bay, to Tampa Bay. Tampa Bay is a SWIM Priority water body.

Funding	Prior Funding	Cumulative Transfers	FY2013 Funding	FY2014 Funding	FY2015 Funding	FY2016 Funding	Future Funding	Total Funding
District Budgeted - Ad Valorem Based Revenue								
010 General Fund (Districtwide)			7,308	4,984,470	8,843	9,162		5,009,783
016 Pinellas-Anclote River Basin	583,151		3,024,000			3,078,000		6,685,151
Project Funds Not Budgeted by the District								
Pinellas County	567,712		3,024,000	4,976,000		3,500,000		12,067,712
							Total	23,762,646
Funding No Overhead	Prior Funding	Cumulative Transfers	FY2013 Funding	FY2014 Funding	FY2015 Funding	FY2016 Funding	Future Funding	Total Funding
District Budgeted - Ad Valorem Based Revenue								
010 General Fund (Districtwide)				4,976,000				4,976,000
016 Pinellas-Anclote River Basin	567,712		3,024,000			3,078,000		6,669,712

**Project Funds Not
Budgeted by the
District**

Pinellas County	567,712	3,024,000	4,976,000	3,500,000	12,067,712
					Total 23,713,424

Timelines**Critical Project Milestones****Projected Amended Actual****Contract Development and Execution**

Draft Agreement to Management Services	12/31/2009		12/21/2009
Draft Agreement Returned from Management Services	01/18/2010		03/23/2010
Agreement Sent to Cooperator	02/05/2010		03/23/2010
Signed Agreement Returned from Cooperator	06/24/2010		08/12/2010
Agreement Fully Executed	08/20/2010		08/19/2010

Contract Period

Agreement Effective Date	06/01/2010		06/01/2010
Commence Project	06/30/2010	01/05/2011	06/30/2010
Final Design and Permits	12/31/2012	10/31/2013	10/31/2013
Advertise Bid	06/15/2013	01/31/2015	
Commence Dredging Implementation	12/31/2013	08/31/2015	
Complete Dredging Implementation	12/31/2015	05/15/2016	
Contract Expiration	12/31/2016		

On-Time Status

On Approved Revised Schedule Delay in FDEP permit issuance and bid preparation delayed project bid advertisement.

Status Update

11/19/2014

The County received the FDEP permit modification and is working on landowner agreements for dredged sediments in order to re-bid the project. The County did not receive any qualifying bids when the project was initially bid in July 2014 and has requested milestone revisions to reflect this permit modification and re-bid delay. It is anticipated that the County will request additional funds from the District after bids are received. County and District staff will reevaluate the project cost-effectiveness, schedule and scope of work based on actual bid costs and present to the Governing Board.

Data Collection

Description	Internal	Internal Contractor	External
Biological	No	No	No
Geohydrologic	No	No	No
GIS	No	No	No
Hydrologic	No	No	No
Water Quality	No	No	No
Other	No	No	No