

MEMORANDUM

TO: Governing Board Members

FROM: Kenneth G. Ammon, P.E., Deputy Executive Director,
Everglades Restoration and Capital Projects Resource Area

DATE: December 1, 2009

SUBJECT: Lakeside Ranch Stormwater Treatment Area S-650 Pump Station –
Contract Number 4600001969

Background:

The Lakeside Ranch Stormwater Treatment Area (STA) S-650 Pump Station is located north of the STA in western Martin County. This project is a component of the Northern Everglades Lake Okeechobee Watershed Construction Project Phase II Technical Plan and will reduce the phosphorus load entering Lake Okeechobee. Phosphorus reduction to Lake Okeechobee is an objective of the District's Strategic Plan and will help the District achieve the Lake Okeechobee Total Maximum Daily Load phosphorus target. Phase I of the Lakeside Ranch project consists of canals, embankments, water control structures and a pump station. This particular contract includes the S-650 pump station, water control structure S-658 and a 500-linear-foot canal improvement. A separate contract has been issued for the construction of the canals, embankments and water control structures. Phase II of the Lakeside Ranch project is currently in the design phase and includes the southern section of the stormwater treatment area and a second pump station.

The District received a Lake Okeechobee Protection Permit from the Florida Department of Environmental Protection for construction of the project on January 21, 2009. The U.S. Army Corps of Engineers 404 Nationwide Permit was received on March 12, 2009.

How this helps meet the District's 10-Year Strategic Plan:

The Lakeside Ranch Stormwater Treatment Area S-650 pump station is a component of the Lake Okeechobee Phase II Technical Plan and is included in the 10-Year Strategic Plan and the Annual Work Plan. Lakeside Ranch will help the District meet phosphorus load reduction targets for Lake Okeechobee.

Funding Source:

This is a 705-day contract with Douglas N. Higgins, Inc., the lowest responsive and responsible bidder, for construction of the Lakeside Ranch Stormwater Treatment Area S-650 pump station project in an amount not to exceed \$6,788,000 for which dedicated funds in the amount of \$3,000,000 are available from the Lake Okeechobee Trust Fund

and the Save Our Everglades Trust Fund, and the remainder is subject to Governing Board approval of the FY11-FY12 budgets.

This Board item impacts what areas of the District, both resource areas and geography: The Lakeside Ranch Stormwater Treatment Area S-650 pump station is located in western Martin County.

Staff from the Everglades Restoration Construction Department will manage the construction of the Project. Consulting engineering firms will provide construction management and engineering during construction services. Staff from the Everglades Restoration Science Department will provide operation and technical support, and the Okeechobee Field Station will be responsible for the maintenance of the STA.

What concerns could this Board item raise?

The Lakeside Ranch STA is a component of the CERP Lake Okeechobee Watershed Project. It is necessary to have the S-650 pump station construction completed so that water flow is able to enter the STA for treatment.

Why should the Governing Board approve this item?

The contract must be awarded to begin construction and achieve the goals of the Annual Work Plan.

Attachments – Resolution, Map
KGA/jc