MEMORANDUM

TO: Governing Board Members

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

DATE: April 17, 2009

SUBJECT: Compartment B North Buildout Stormwater Treatment Area -- Contract 4600001699

Background:
The intent of the District is to construct additional Stormwater Treatment Area (STA) on Compartment B land to further assist the existing STAs in improving the quality of water entering the Everglades Protection Area (EPA). The long-term Everglades water quality goal is for all discharges to the EPA to achieve and maintain compliance with water quality standards, including phosphorus, as established in Rule 62-302.540 of the Florida Administrative Code. The Project is a component of the Long-Term Plan (LTP) and will permit the State of Florida and the District to proceed to fulfillment of their obligations under the Everglades Forever Act (EFA, F.S. 373.4592), and is intended to help achieve compliance with the phosphorous limits and levels established under Florida law, Rule 62-302.540, F.A.C. (the Phosphorous Rule), and the Consent Decree entered in United States v. SFWMD, et al., Case No. 88-1886-CIV-Moreno (S.D. Fla.)

The purpose of this contract is to construct the Compartment B North Buildout STA civil works (canals, levees, and water control structures) by the flow capable date of December 31, 2010. There will be a separate contract for the construction of the inflow and outflow pump stations within the Compartment B project. The mandated completion date of these pump stations is December 31, 2011.

The District has obtaining the 404 Nationwide Permit and Florida Department of Environmental Protection Everglades Forever Act Permit for construction of Compartment B North Buildout STA.

How this helps meet the District's 10-Year Strategic Plan:
Compartment B is a component of the Everglades Protection Area Tributary Basins Long-Term Plan for Achieving Water Quality Goals, Revised Part 2 (LTP) which is included in the 10-Year Strategic Plan and the current Annual Plan. Compartment B enables the District to achieve Everglades water quality standards as part of the implementation of the Long-Term Plan to ensure that all waters discharging into the Everglades Protection Area are in compliance with state water quality standards. Approval of the Compartment B North Buildout STA contract will initiate construction in order to meet the mandated flow capable date of December 31, 2010.

Funding Source:
This is a 679-day contract with Triple R Paving, Inc., the lowest responsive and responsible bidder, to construct the Compartment B North Buildout STA in an amount not to exceed $17,474,383 of which dedicated funds (proceeds from Series 2006 Certificates of Participation) in the amount of $2,700,000 are budgeted and the remainder is subject to Governing Board approval of the FY10 and FY11 budgets.

This Board item impacts what areas of the District, both resource areas and geography: The Compartment B North Buildout STA Project location is in southwestern Palm Beach County within the Everglades Agricultural Area (EAA) approximately three miles north of the Palm Beach and Broward county line on the east side of U.S. 27. Staff from the Everglades Restoration Resource Area will manage the construction of the Project. Consulting engineering firms will provide construction management and engineering during construction services. Staff from Watershed Management will provide operation support, and the West Palm Beach Field Station will be responsible for the maintenance of the STA.

What concerns could this Board item raise?
Prior to the start of Compartment B Buildout construction, the U.S. Fish & Wildlife Service must provide approval of the interim land use change of the Talisman lands acquired with the 1996 Farm Bill funding. The approval of this interim land use change will be provided once the 404 permit is issued.

Why should the Governing Board approve this item?
The construction contract for civil works must be executed expeditiously in order to meet the overall Compartment B Project schedule of being flow-capable by December 31, 2010 and achieve the goals of the Long-Term Plan.

Attachments – Resolution, Map
KGA/ma