

MEMORANDUM

TO: Governing Board Members

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

DATE: May 27, 2010

SUBJECT: C-132 and Northern C-133 Canals for CERP C-44 Reservoir/Stormwater Treatment Area Project – Contract Number 4600002143

Background:

The C-44 Reservoir/Stormwater Treatment Area Project (C-44 Project) is intended to be constructed by the U.S. Army Corps of Engineers (USACE) by utilizing three different construction contracts over the next eight years. Contract 1 is scheduled to be advertised in October 2010. The USACE has determined that the C-44 Project contains certain features that are required to be constructed by the local sponsor, the South Florida Water Management District (District). In order to meet the USACE current Contract 1 advertisement date of October 2010, the C-132 and Northern C-133 Canals are to begin construction by the District prior to the Contract 1 advertisement date.

The C-132 and Northern C-133 Canals are included in the Central and Southern Florida (C&SF) Project listed in the “Yellow Book” as components authorized by the Flood Control Act of 1968. During coordination with adjacent landowners to the C-44 Project, it was determined that the C-132 and Northern C-133 Canals were in current operation, have SFWMD-permitted discharge inflows, and were not historically maintained. The C-132 and Northern C-133 Canals provide drainage for the northern properties in the C-44 Basin and the neighboring Bar B Ranch property, and will continue to operate as previously expected with no change to surface flows to the C-44 Canal. The construction of the C-132 and Northern C-133 Canals fulfill a District agreement commitment to Bar B Ranch in exchange for release of its existing easements over the main C-44 Project site. Additionally, the C-132 and Northern C-133 Canals provide the northern connection to the southern C-133 Canal, which is to be constructed by the USACE in Contract 1.

This contract with Hardrives, Inc., is to construct the C-132 and Northern C-133 Canals and associated culverts. These efforts are required to maintain drainage north of the C-44 Project site during and after construction of the C-44 Project, as well as provide a drainage connection to the future eastern C-44 Project drainage, which is part of the USACE Contract 1.

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

This contract will support the completion of the C-44 Project, which is linked to the 10-Year Strategic Plan. The District has access to the project lands/sites, completed the design, and received the permits for the C-44 Project utilizing funding under previous fiscal years. The USACE intends to construct the C-44 Project starting in FY11. These efforts need to be performed to facilitate the USACE construction schedule.

Funding Source:

This is a 226-day construction effort with Hardrives, Inc., the lowest responsive and responsible bidder, to perform the specified canal maintenance efforts in the fixed price amount of \$970,000 which is budgeted in the FY10 Okeechobee Basin Capital Fund (402000) resulting from the January 2010 budget transfer approved by the Governing Board.

This Board item impacts what areas of the District, both resources areas and geography:

The Everglades Restoration and Capital Projects Resource Area staff and the C-44 Project site located in Martin County north of the C-44 Canal are impacted by this contract.

What concerns could this board item raise?

There may be concerns about the ability for the contractor to complete the required efforts within the contract by September 30, 2010 in order for the District to meet its commitment to USACE in support of Contract 1.

Why should the governing Board approve this item?

Approval of the contract will allow the District to construct the described features and fulfill its obligations to the USACE, which will allow the USACE to meet its construction schedule.

Attachments – Resolution, Map
KGA/sr