

MEMORANDUM

TO: Governing Board Members

FROM: George L. Horne, Deputy Executive Director, Operations and Maintenance

DATE: July 3, 2006

SUBJECT: CN060724 / 3600001282 – S140 Pump Station Hardening

Background: As part of the Operations and Maintenance strategic priority of refurbishing the regional water management system, this project will initiate the overhauling of this 40-year old pump station. The pump station building is rigid frame, reinforced concrete with concrete masonry unit (CMU) walls. The roof is basically flat with a built-up 5-ply roofing system over insulated steel decking supported by steel bar joists. The wall louvers and mechanical ventilation system are as originally built. None of the doors and windows has hurricane shutters. The pump station has been properly maintained but due to age and deterioration it is not designed to current storm/wind design standards. This station is critical to the District's flood control mission and must be upgraded to current standards to ensure its continued proper performance and operation. After hardening the station is meant to be operated and occupied during storm events.

How this helps meet the District's 10-Year Strategic Plan: Under the 2005 Strategic Plan, one of O&M's strategic priorities is to ensure that the water management system is operating at peak condition, which is critical to providing flood control and water flow.

Funding Source: The lowest responsive and responsible bidder is Overland Construction Company Inc. with a total amount of \$1,010,300, of which \$25,000 is budgeted using ad valorem funds and the remainder is subject to Governing Board approval of the FY07 budget.

This Board item impacts what areas of the District, both resource areas and geography: The departments involved with this item include: Operations and Maintenance and Engineering & Construction. Location: At the intersection of L28 and C60, and approximately 22 miles West of the intersection of I75 and US27 adjacent to the Miccosukee Reservation.

What concerns could this Board item raise? As the agency is addressing the rehabilitation of an aging infrastructure District wide, S140 is an intricate part of this program.

Why should the Governing Board approve this item? The regional water management infrastructure is reaching its life expectancy. Impacts from the unprecedented recent hurricane seasons underscore the need to move forward as expeditiously as possible with system repairs, refurbishments and replacements.

GLH/ar
Attachments