

MEMORANDUM

TO: Governing Board Members

FROM: Tommy B. Strowd, Deputy Executive Director, Operations & Maintenance

DATE: February 28, 2011

SUBJECT: **Contract No. 4600002384 – Moore Haven Telemetry Tower Replacement, Glades County, Florida**

Background: The District is building a new 300-foot telemetry tower to function as a communication point between the North Loop and other existing communication loops for future automation of the District's five pump stations along the northwest and northeast sections of Lake Okeechobee. Its objective is to enable monitoring and control of these stations from the District's Control Room and to bring the tower in conformance with the District's Standards.

The new 300-foot tower will replace the existing 190-foot tower to conform to District Standards and accommodate additional antenna and equipment. The work includes a pre-cast concrete microwave equipment shelter, generator building, electric service connection, access road, and antenna modifications at the Brighton and Clewiston telemetry tower sites.

How this helps meet the District's 10-Year Strategic Plan: This project is an integral component in the District's 10-year Strategic Plan to refurbish the infrastructure.

Funding Source: The lowest responsive and responsible bidder is Expert Construction Managers, Incorporated with a total amount of \$1,388,000, for which ad valorem funds from the Operations & Maintenance Capital Program of \$600,000 are budgeted; and the remainder is subject to Governing Board approval of the FY12 budget.

This Board item impacts what areas of the District, both resource areas and geography: This item impacts the Operations & Maintenance Resource Area of the District in Glades County.

What concerns could this Board item raise? This contract followed the District's standard procurement procedures. The lowest responsive and responsible bidder was selected.

Why should the Governing Board approve this item? The new 300-foot telemetry tower will function as a communication point between the North Loop and other existing communication loops for future automation of the District's five pump stations along the northwest and northeast sections of Lake Okeechobee to enable monitoring and control of these stations from the District's Control Room; and to bring the tower in conformance with the District's Standards.

TBS/dm