

MEMORANDUM

TO: Governing Board Members

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

DATE: November 05, 2007

SUBJECT: 4600001141– S-129, S-131 and S-133 Microwave Towers

Background:

This contract provides for the construction of three microwave communication towers and associated support facilities, one each at pump stations S-129, S-131, and S-133, which are located along the north shore of Lake Okeechobee. This work is a component of a new microwave communications system that will interconnect the five pump stations located along the north shore of Lake Okeechobee with the new command and control center currently under construction at S-127. This communications system will ultimately carry the data required to remotely control and monitor these five pump stations from the new command and control center which is part of the overall “North Shore Automation” effort.

How this helps meet the District’s 10-year Strategic Plan:

This project is integral to the District’s 10-year plan, specifically Operations and Maintenance’s strategy to install new telemetry towers to support the monitoring and control requirements of the District’s growing infrastructure.

Funding Source:

The lowest responsive and responsible bidder, Expert Construction Managers, Incorporated with a total bid amount of \$1,988,000 is budgeted in using ad valorem funds under the Operations and Maintenance Capital Program.

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

This item impacts the Operations and Maintenance Resource area in Okeechobee and Glades Counties.

What concerns could this Board item raise?

This Request for Bids (RFB) followed standard procurement procedures. The lowest and most responsive and responsible bidder was recommended for award of the contract.

Why should the Governing Board approve this item?

The installation of microwave telemetry towers is a strategy identified in the District Strategic Plan that provides for the automation of the North Shore pump stations through improved command and control capabilities.

GLH/gec