

## MEMORANDUM

**TO:** Governing Board Members

**FROM:** Tommy Strowd, Deputy Executive Director, Operations and Maintenance

**DATE:** April 1, 2011

**SUBJECT:** **4600002425; S-44 and G-57 Gate Operator Replacement, Broward and Palm Beach Counties, Florida**

### **Background:**

The project scope includes replacement of the existing gate hoist operator mechanisms with drum and cable hoist systems at Structures S-44 and G-57. The existing operator platforms will be replaced with galvanized steel operator platforms. The existing concrete superstructure at Structure S-44 will be modified to provide the required equipment clearances. The existing electrical and controls systems at both project sites will be upgraded, including replacement of the existing Remote Access and Control Units (RACU) telemetry system with Motorola Advanced Component Exchange (ACE) Remote Terminal Units (RTU) telemetry system. A Control Building will be added at each location.

### **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 Lucas Marine Construction, LLC with an amount of \$1,330,000, of which, ad valorem funds in the amount of \$549,862 are budgeted and the remainder is subject to Governing Board approval of the FY12 budget in 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 areas and services in Broward and Palm Beach Counties.

### **What concerns could this Board item raise?**

This Request for Bids (RFB) followed standard procurement procedures. The lowest responsive and responsible bidder was selected.

**Why should the Governing Board approve this item?** The S-44 and G-57 Gate Operator Replacement must be pursued expeditiously in order to enhance the District's ability to respond to storm events, improve operational efficiency and enhance a key component of the District's flood control system.