

## MEMORANDUM

**TO:** Governing Board Members

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

**DATE:** September 04, 2007

**SUBJECT:** 95/XXX – Fairbanks Morse Engine Division - Pump Station Engine Parts – Sole Source

### **Background:**

The District currently has 33 Fairbanks Morse Diesel Engines in use at District pumping stations. There are new pump stations currently under construction, which will all be powered by Fairbanks Morse opposed piston engines. These parts are used to overhaul the District's Fairbanks Morse opposed piston engines up to 30,000 operating hours depending on the level of overhaul needed (minor to major). Historically, the District has overhauled three to five engines each year. These parts will be procured on an as needed basis via purchase orders from the applicable Operations and Maintenance Field Station. The use of Fairbanks Morse Original Equipment Manufacturer parts (OEM) is necessary to maintain warranties on the engines for the newly constructed pump stations.

### **How this helps meet the District's Mission:**

The Fairbanks Morse Diesel Engines control the pumping of water in the Central and Southern Flood Control Project (C&SF) to provide flood protection and water supply to the citizens of south Florida. The use of OEM parts ensures the readiness and reliability of the District flood control pumps.

### **Funding Source:**

Ad valorem funds in the amount of \$200,000 are subject to Governing Board approval of the FY08 budget and split between each of the seven (7) Field Station with the remainder subject to Governing Board approval of the FY09-FY10 budgets.

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

This Board item impacts the District from Lake Okeechobee to the South Dade conveyance system.

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

That the District is continually seeking alternate engine part sources to allow the competitive procurement process to prevail. This item should not raise any concerns for the Governing Board. Engine parts are procured on an as needed basis via individual purchase orders at the discretion of each Field Station.

### **Why should the Governing Board approve this item?**

The criticality of the pump stations during storm events necessitates the purchase of original equipment manufacturer parts to ensure reliability. Engine malfunctions during storm events have been experienced using after market engine parts.