

## MEMORANDUM

**TO:** Governing Board Members

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

**DATE:** October 01, 2008

**SUBJECT:** **4600001527 - Operations Decision Support System (ODSS) – Core Application Delivery**

**Background:** The scope of the Operations Decision Support System (ODSS) Core Application Delivery contract is the development and delivery of a comprehensive turn-key ODSS solution that meets defined South Florida Water Management District (District) business requirements. ODSS will be comprised of hardware, software, and services to be delivered as the result of a structure system development life cycle process.

ODSS will be a new component of the overall Water Management System (WMS) that is used to provide real-time and historical hydro-meteorological data and decision support tools to the District's Operational Control Center as well as centrally accessible data for the District's various departments, cooperating agencies, and the public.

**How this helps meet the District's 10-year Strategic Plan:** ODSS is part of the Water Management System element of the Operations & Maintenance Program and supports the District's 10-year strategic plan goal of optimally operating the primary flood control and water supply system.

**Funding Source:** This is a 3 year contract in an amount not to exceed \$4.7M, of which \$737,490 is budgeted using ad valorem funds within the Operations & Maintenance (O&M) SCADA and Hydro Data Management Organization. The remainder is subject to Governing Board approval of the FY10-FY12 budgets.

**This Board item impacts what areas of the District, both resource areas and geography:** This item impacts O&M Resource Area and Information Technology Department resources in Palm Beach County. The project's deliverables will have a District-wide impact on the WMS.

**What concerns could this Board item raise?** The Request for Proposal (RFP) process was used to identify contractors that could provide the needed technical expertise, domain experience, integration services, and implementation methodology. The RFP process was fully competed and implementation of ODSS will be part of the District's next generation of a water control system that will be used for the next 20 years, supports the \$4.7M not-to-exceed contract value.

The ODSS Core Application Delivery contract will enable the District to proceed with establishing ODSS with a contractor that can meet the District's core mission requirements. The contract will be established with the top ranked contractor based on the RFP evaluation and selection process. The selection committee completed the evaluation process and ranked respondents in the following order:

1. MWH Americas, Inc.
2. Post Buckley Schuh & Jernigan, Inc.
3. Telvent USA, Inc.

Negotiations will commence with the highest ranked respondent following approval by the Governing Board of the ranking results. If negotiations are unsuccessful with the highest ranked respondent, the District will proceed with negotiations in ranked order.

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

The growing complexity of the District's Water Management System (WMS) requires decision support automation to protect people, property, and natural systems; and to sustain the growth of the water management infrastructure. The ODSS project was engaged to address this complexity and support District water managers in their decision making processes.

GLH/lf