

MEMORANDUM

TO: Governing Board Members

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

DATE: August 04, 2010

SUBJECT: 4600002188, 4600002190 and 4600002195: Hydraulics and Hydrology Services - Streamgauging

Background: The purpose of these contracts is to provide Hydraulics and Hydrology Services in the Streamgauging discipline in support of District operations and legally mandated projects and initiatives including, but not limited to: Water Supply, Water Budget and Water Quality Analysis, Flood Plain Studies, Flood Control Planning and Flood Frequency Analysis, Hydrologic Modeling, Assessment of Ecological Restoration Efforts, and Design of New Water Control Structures. These data are provided to internal customers including the District's Resource Areas: Operations and Maintenance, Everglades Restoration & Capital Projects, and Regulatory & Public Affairs, and external customers: U.S. Army Corps of Engineers, U.S. Geological Survey, and the Lake Worth Drainage District.

The selection committee recommends that, subject to successful negotiations, each of the following three (3) consultants be awarded contracts for the Hydraulics and Hydrology Services:

- 1) Engineering & Applied Science, Inc. (4600002188)
- 2) Sutron Corporation (4600002190)
- 3) ZFI Engineering & Construction Incorporated (4600002195)

How this helps meet the District's 10-Year Strategic Plan: The Hydraulics and Hydrology Services Contracts are needed to meet the demand for hydraulics and hydrology services that currently exceeds the capacity that can be generated by existing District staff. This demand is attributed to legal mandates, restoration programs and the need to maintain existing facilities. Multiple awards of work order contracts are anticipated and will be available for use by all District resource areas and programs.

Funding Source: These are three (3) year work order contracts, with two one-year renewal options, for which the total not-to-exceed amount for all 23 Hydraulics and Hydrology Services contracts to be awarded is \$12,500,000 of which, \$2,325,000 in ad valorem funds are subject to Governing Board approval of the FY11 budget.

This Board item impacts what areas of the District, both resource areas and geography: This item impacts the District's Operations and Maintenance, Everglades Restoration & Capital Projects, and Regulatory & Public Affairs Resource Areas and services in all 16 counties under the jurisdiction of SFWMD.

What concerns could this Board item raise? Assurances that a fair and thorough process was utilized by the selection committee during the evaluation phase.

Why should the Governing Board approve this item? To assure that hydraulics and hydrology services are available to accomplish the objectives set forth in the District's Strategic and Annual Work plans. Streamgauging is used to develop rating equations for calculating water flow through District structures, for estimating flow during storm events, and to assist the water managers should a flow monitoring equipment failure occur.

TS/mjd