

## MEMORANDUM

**TO:** Governing Board Members

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

**DATE:** July 31, 2006

**SUBJECT:** Purchase Order TBD for Water Management System, Data and Decision Support System Programming Services

### **Background:**

The District must be able to accurately and efficiently collect and transmit hydrological and meteorological data, to improve flood control, water flow monitoring and quality monitoring processes. Timely and accurate information about water levels, flow, and quality is required by the District to make critical water management and flood control decisions.

The District has a need for continued administrative, technical and programming services for field remote terminal units (RTUs) as well as the webMethods Integration Suite, which is the basis for communications among the new Water Management SCADA System (WMSS), Auxiliary Operator Display (AOD), and DCVP data processing. Additional components need to be specified and prototyped for the Operations Decision Support System (ODSS), Environmental Data Analysis System (EDAS), and eQuest (SAP) projects.

The contractor, (Kyra InfoTech) will directly support Campbell Scientific CR10 and CR1000 series RTU devices as well as the webMethods production system (including WMSS, AOD, and DCVP adapters) and provide additional guidance to in-house staff on webMethods training and future architecture. Services will include: software administration and maintenance; development of WMSS, AOD and DCVP adapters; training District staff; development of requirements and prototypes for webMethods adapters to support ODSS, EDAS, and SAP projects.

### **How this helps meet the District's 10-Year Strategic Plan:**

Under the 2005 Strategic Plan, one of Operations and Maintenance strategic priority is to ensure that the Water Management System is operating at peak condition, which is critical to providing flood and water flow control.

### **Funding Source:**

This is a 3 year Special Procurement Purchase Order using the State Contract # 973-561-04-2 with ad valorem funds, subject to Governing Board approval of the FY07-FY09 budgets. The total not-to-exceed amount is \$513,000.

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

These services impact flood control District wide.

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

There should be no concerns as State contract pricing is being utilized.

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

This would allow the District to maintain continuity of service over a 3 year period with an established vendor.