

## MEMORANDUM

**TO:** Governing Board Members

**FROM:** Deena Reppen, Chief of Staff

**DATE:** January 12, 2012

**SUBJECT:** City of Everglades City – Water Supply System Improvements FY12  
(CRF 700000001296)

**Background:** This project is a component of the City's Water Management System Master Plan that includes the construction of improvements for the existing Drinking Water System in the estimated amount of \$2.95M within the next five years. The existing water supply sources are shallow wells that are currently under the influence of surface water. Their continued use will require additional treatment to meet drinking water standards. The Big Cypress Basin (BCB) in conjunction with the City is evaluating the use of two new fresh water wells constructed into a deeper portion of the semi-confined gray limestone aquifer. Based on the water quality sampling and testing, it has been determined that these two new wells provide a viable source for public water supply. They are not considered to be under the influence of surface water.

This project will include the design and installation of two well pumps system including instrumentation and controls, the construction of a pipeline to connect the new wells with the existing water treatment facility, and the installation of a new standby generator.

For FY12, the District has budgeted \$273,780 in dedicated ad valorem funds (Big Cypress Basin). It is anticipated that additional funding for this project and future drinking water system upgrade will come from alternative sources.

**How this helps meet the District's 10-year Strategic Plan:** The project supports the District's water supply efforts to develop water supply sources, as identified in the Lower West Coast Water Supply Plan.

**Funding Source:** The estimated total cost of the projects is \$2.95M, of which the District's contribution is not to exceed \$273,780 in dedicated ad valorem funds (Big Cypress Basin), which are budgeted in FY12.

**This Board item impacts what areas of the District, both resource areas and geography:** The project impacts the Water Resources Division (both Water Quality and Water Supply) and benefits the City of Everglades City.

**What concerns could this Board item raise?** Applicant's ability to complete this contract within the fiscal year. Individual projects were identified, scoped and budgeted to fit within the coming fiscal year. The Big Cypress Basin staff is confident that these projects will be completed within FY12.

**Why should the Governing Board approve this item?** Approval of this contract will help achieve the goals of the Lower West Coast Water Supply Plan to ensure adequate supply of water and foster partnership with the City of Everglades City. The item was reviewed and recommended for approval by the Big Cypress Basin Board on August 19, 2011.

If you have any questions, please do not hesitate to contact me at ext. 6232.