


MANATEE COUNTY GOVERNMENT

INTENT TO PREQUALIFY

SUBJECT	Supply of a Submerged Membrane Filtration System for a Drinking Water Application	DATE POSTED	MC <input checked="" type="checkbox"/> 2/4/15 SE DS <input checked="" type="checkbox"/> 2/4/15 SE CC <input checked="" type="checkbox"/> 2/4/15 SE
PURCHASING REPRESENTATIVE	Dennis W. Wallace, 941-749-3014	DATE CONTRACT SHALL BE AWARDED	Upon Completion of Pilot Testing of Prequalified Membrane Systems
DEPARTMENT	Utilities	CONSEQUENCES IF DEFERRED	
SOLICITATION	Request for Qualification No. 15-0127DW	AUTHORIZED BY DATE	 2/4/2015

NOTICE OF INTENT TO NEGOTIATE

Notice of Intent to prequalify the following two (2) suppliers ((i) **Evoqua**, Geneva, IL and (ii) **GE Water & Process Technologies**, Oakville, Ontario, to participate in the subsequent membrane system procurement process.

ENABLING/REGULATING AUTHORITY

Federal/State law(s), administrative ruling(s), Manatee County Comp Plan/Land Development Code, ordinances, resolutions, policy.

Manatee County Code of Laws

BACKGROUND/DISCUSSION

PROJECT BACKGROUND:

Manatee County solicited qualifications for the supply of a submerged membrane filtration system for a drinking water application to replace the existing media filters at its Lake Manatee Water Treatment Plant ("LMWTP").

The LMWTP includes two separate treatment trains: one for surface water from Lake Manatee and the other for groundwater from the wellfields. The existing conventional surface water treatment train has a capacity of 54 (52 net) million gallons per day (mgd) and comprises coagulation, flocculation, sedimentation, and multi-media filtration (in filter bays A and B).

The multi-media filters in the surface water treatment train are approaching the end of their useful life, and based on previous evaluations, the County has decided to retrofit them with an UF membrane system. In 2008, the County undertook a pilot test that included evaluation of several treatment alternatives. Based on the results of the treatment and economic evaluations, UF was selected to retrofit within the footprint of the existing media filters. In 2010, the County developed a basis of design report (BODR) for the UF retrofit. As part of further evaluations performed in 2013, a submerged membrane filtration system (SMFS) UF configuration was selected for retrofitting the granular media filters at the LMWTP.

Supply of the membrane system will be subsequently awarded to a prequalified supplier on the basis of lowest net present value of life-cycle cost, accounting for capital and operating costs over a 20 year evaluation period. The anticipated membrane procurement process is as follows:

- Request for Qualifications (completed)
- Statement of Qualifications submitted by suppliers (completed)
- Prequalification (short-listing) notification of submerged membrane system suppliers
- Manatee County contracts for pilot testing with prequalified suppliers
- Issue procurement documents to prequalified suppliers for full-scale system
- Receive submittals from prequalified suppliers
- Scope negotiation meetings
- Proof pilot testing
- Final price evaluation
- Award membrane system contract
- Final design

-Continued on Page 2-

SOLICITATIONS:

The Request for Qualifications was released on the Manatee County website and DemandStar; it was also provided to the Manatee County Chamber of Commerce for release to its members.

The following two (2) responses were received and have been prequalified to participate in the subsequent membrane procurement process:

- (1) Evoqua, Geneva, IL
- (2) GE Water & Process Technologies, Oakville Ontario

This project is being managed jointly by the Utilities Department, Water Division and Public Works, Project Management Division.

ATTACHMENTS (List in order of attached)	N/A	FUNDING SOURCE (Acct Number & Name)	N/A <input type="checkbox"/> Funds Verified <input type="checkbox"/> Insufficient Funds
COST	To be determined after pilot testing the pre-qualified membrane systems.	AMT/FREQ OF RECURRING COSTS (Attach Fiscal Impact Statement)	N/A