



Notice of Intent to Award a Single Source Procurement

Subject: Purchase of Reverse Osmosis Membrane Elements
Date: January 24, 2020
Due Date: February 3, 2020
Sole/Single Source No: SS 2020-106

This is not a Request for Proposals as there is no solicitation available. The proposed action is for product or services for which the Englewood Water District intends to award with only one source in accordance with Florida State Statute 287.057(5)c. Any responses received as a result of this Notice of Intent shall be considered solely for the purpose of determining whether to conduct a competitive procurement. Responses will not be considered as proposals, bids, or quotes.

Hydranautics CPA5-LD is currently being used in all the trains in the Reverse Osmosis facility. In order to permit standardization, the District is seeking to procure 192 units of the Hydranautics CPA5-LD (specification attached) and intends to award a single source procurement to Consolidated Water Solutions.

Interested firms or individuals may identify their interest and capability to respond to the requirement by submitting in writing their name, address, point of contact, telephone number, email, and a statement regarding their capability of meeting or exceeding the requirements stated herein. All responses received within seven (7) business days after the date of publication of this notice will be reviewed by the Englewood Water District. A determination by the District not to compete this proposed action will be based on the responses to this notice and the discretion of the District.

All responses must be in writing and returned to Purchasing Department, Englewood Water District, 201 Selma Ave, Englewood, FL 34223, by fax (941) 460-1025, or email to bwheaton@englewoodwater.com. Please note the sole/single source number on the documentation. No verbal requests will be honored.

Membrane Element

CPA5-LD (Low Fouling Technology)

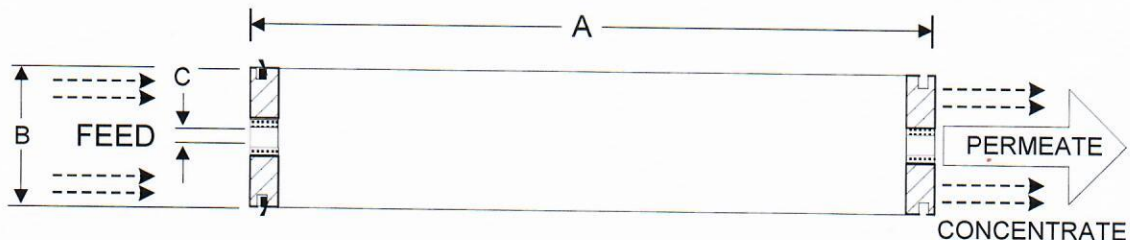
Performance:	Permeate Flow:	11,000 gpd (41.6 m ³ /d)
	Salt Rejection:	99.7% (99.6% minimum)
Type	Configuration:	Low Fouling Spiral Wound
	Membrane Polymer:	Composite Polyamide
	Membrane Active Area:	400 ft ² (37.1m ²)
	Feed Spacer:	34 mil (0.864 mm)
Application Data*	Maximum Applied Pressure:	600 psig (4.14 MPa)
	Maximum Chlorine Concentration:	< 0.1 PPM
	Maximum Operating Temperature:	113 °F (45 °C)
	pH Range, Continuous (Cleaning):	2-11 (1-13)*
	Maximum Feedwater Turbidity:	1.0 NTU
	Maximum Feedwater SDI (15 mins):	5.0
	Maximum Feed Flow:	75 GPM (17.0 m ³ /h)
	Minimum Ratio of Concentrate to Permeate Flow for any Element:	5:1
Maximum Pressure Drop for Each Element:	15 psi	

* The limitations shown here are for general use. For specific projects, operating at more conservative values may ensure the best performance and longest life of the membrane. See Hydranautics Technical Bulletins for more detail on operation limits, cleaning pH, and cleaning temperatures.

Test Conditions

The stated performance is initial (data taken after 30 minutes of operation), based on the following conditions:

1500 PPM NaCl solution
 225 psi (1.55 MPa) Applied Pressure
 77 °F (25 °C) Operating Temperature
 15% Permeate Recovery
 6.5 - 7.0 pH Range



A, inches (mm)	B, inches (mm)	C, inches (mm)	Weight, lbs. (kg)
40.0 (1016)	7.89 (200)	1.125 (28.6)	33 (15)

Notice: Permeate flow for individual elements may vary ±15 percent. Membrane active area may vary +/-4%. Element weight may vary. All membrane elements are supplied with a brine seal, interconnector, and o-rings. Elements are enclosed in a sealed polyethylene bag containing less than 1.0% sodium meta-bisulfite solution, and then packaged in a cardboard box.

Hydranautics believes the information and data contained herein to be accurate and useful. The information and data are offered in good faith, but without guarantee, as conditions and methods of use of our products are beyond our control. Hydranautics assumes no liability for results obtained or damages incurred through the application of the presented information and data. It is the user's responsibility to determine the appropriateness of Hydranautics' products for the user's specific end uses.

3/17/16