

**WEST SOUND UTILITY DISTRICT  
RESOLUTION 708-18**

**A RESOLUTION OF THE  
WEST SOUND UTILITY DISTRICT BOARD OF COMMISSIONERS  
APPROVING THE PURCHASE OF MEMBRANE REPLACEMENT &  
UPGRADE FOR SKWRF**

**WHEREAS**, the District has allocated \$1,400,000 in the 2017-18 SKWRF Capital Improvement Budget for the SKWRF replacement and upgrade project; and

**WHEREAS**, since the membrane system and cassette frames is a specialized product/equipment and has a limited number of manufacturers, the Board of Commissioners approved Resolution 707-18 which declares this to be a sole source purchase and Suez Water Technologies & Solutions (Zenon Environmental Inc.) meets the criteria and needs of SKWRF; and

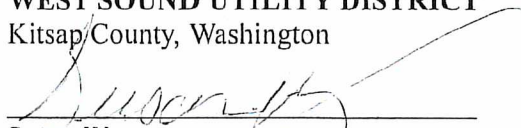
**WHEREAS**, the Plant Manager has worked with Suez Water Technologies & Solutions (Zenon Environmental Inc.) to identify the specific equipment to meet the needs of SKWRF and negotiated a fair/reasonable price; **NOW, THEREFORE,**

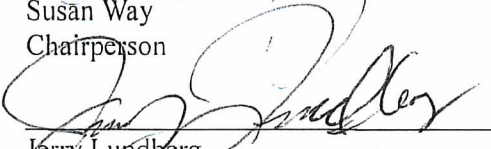
**THE BOARD OF COMMISSIONERS OF WEST SOUND UTILITY DISTRICT HEREBY RESOLVES:**

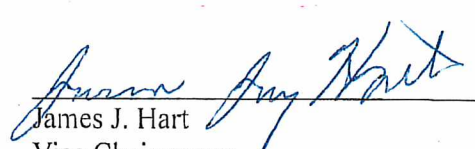
**Section 1.** The Board of Commissioners hereby approves the purchase and installation of a replacement/upgrade membrane system and cassette frames for the SKWRF from Suez Water Technologies & Solutions (Zenon Environmental Inc.) in the amount of \$1,442,000, plus sales tax, and further authorizes the District General Manager to sign the purchase/installation contract with Suez/Zenon.

**APPROVED and ADOPTED** by the Board of Commissioners of West Sound Utility District at a Board meeting scheduled on March 12, 2018.

**WEST SOUND UTILITY DISTRICT**  
Kitsap County, Washington

  
\_\_\_\_\_  
Susan Way  
Chairperson

  
\_\_\_\_\_  
Jerry Lundberg  
Secretary

  
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James J. Hart  
Vice Chairperson

configuration data	existing plant configuration	proposed configuration 20 x 16M cassettes
minimum temperature, °C	13	13
flow capacity, average daily flow ADF, MGD	1.7	1.7
flow capacity, maximum daily flow MDF/peak hour flow PHF, MGD	1.7	1.7
design net flux, GFD at ADF at min. temp., (gal/ft <sup>2</sup> /day)	14.2	14.4
design net flux, GFD at MDF/PHF at min. temp., (gal/ft <sup>2</sup> /day)	14.2	14.4

## 4 price

qty	item	part no.	price
320	ZeeWeed membrane modules - ZW500D 370 ft <sup>2</sup> WW	3111047	1,362,824
20	ZeeWeed cassette frames - ZW500D: 16 module LEAPmbr cassette long: 316L SS	3145317	
1	ZeeWeed cassette hardware, per section 2.3		
1	off-site support hours, per section 2.4		60,344
1	on-site support (labor + T&L), per section 2.7 - engineering visit - installation & commissioning		
1	freight & freight insurance DDP plant site, INCO terms 2010. Includes brokerage at Canada US border - flat fee, US EPA documentation flat fee and US MPF fee ~0.3464% - merchandise processing fee	3095534	18,832
<b>All figures are in USD. Please make purchase order to ZENON Environmental Corporation</b>		<b>total</b>	<b>1,442,000</b>