

**WEST SOUND UTILITY DISTRICT
RESOLUTION 695-17**

**A RESOLUTION OF THE
WEST SOUND UTILITY DISTRICT BOARD OF COMMISSIONERS
APPROVING THE PURCHASE OF A REPLACEMENT BLOWER
AT SKWRF**

WHEREAS, as a result of the fire in the SKWRF blower room, a replacement blower needs to be purchased; and

WHEREAS, the District has been coordinating with the Water & Sewer Risk Management Pool on the clean-up and restoration of the damaged area at the SKWRF; and

WHEREAS, the Risk Management Pool will be responsible for payment to the District for the cost to restore the damaged area at the SKWRF, less the District's \$25,000 insurance deductible; and

WHEREAS, the Plant Manager has received authorization from the Risk Management Pool to proceed with the purchase of this equipment; and

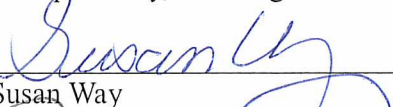
WHEREAS, since this is an equipment replacement purchase approved by the Pool and meets the requirements for approved like-kind replacement, a quote was obtained from Aerzen USA Corporation for the replacement boiler in the amount of \$65,554, plus sales tax (Exhibit "A"); **NOW, THEREFORE,**

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

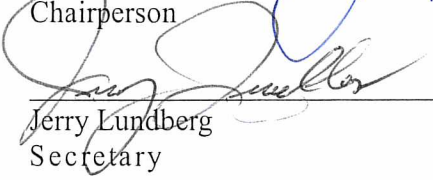
Section 1. The Board of Commissioners hereby approves the purchase of the SKWRF replacement blower from Aerzen USA Corporation in the amount of \$65,554, plus sales tax.

APPROVED and ADOPTED by the Board of Commissioners of West Sound Utility District at a Board meeting scheduled on December 11, 2017.

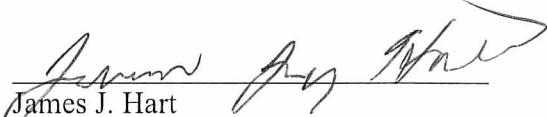
WEST SOUND UTILITY DISTRICT
Kitsap County, Washington



Susan Way
Chairperson



Jerry Lundberg
Secretary



James J. Hart
Vice Chairperson



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AERZEN Reference Number: E13-26550
 Re: Port Orchard, WA

30-Nov-17

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To: Kevahn Steinke Firm - Port Orchard, WA
AERZEN Representative Info: Name - Kristin Faulkner of Treatment Equipment Company e-mail - kris@tec-nw.com phone - (425) 641-4306

AERZEN Proposal Prepared By: Name - Paul Schuette email - pschuette@aerzenusa.com phone - (484) 889-2921
AERZEN Regional Manager: Name - Paul Schuette e-mail - pschuette@aerzenusa.com phone - (484) 889-2921

This scope of supply does NOT include the following items: MCC starter, VFD, External Controls, Isolation Valves and Installation Hardware.

Hybrid Replace

Model: D 52S

Performance Data:

		Design	Min
Intake volume, handled at intake condition	icfm	1,717	378
Volume handled at normal condition	scfm	1,600	352
Relative humidity	Φ	80%	80%
Intake pressure (abs.)	psia	14.50	14.50
Pressure difference	psig	11.00	11.00
Intake temperature	°F	85	85
Discharge temperature	°F	206	255
Main rotor speed	rpm	6,609	2,102
Motor Speed	rpm	3,555	1,131
Power consumption at coupling	bHp	85.6	26.0
Motor Rating	HP	100	
Tolerance on flow & power	± 5 %		
Sound pressure level w/ enclosure measured in free field at 3ft. distance from the outline of the unit (tol. ± 2 dB(A)).	dB(A)	78	

Weights & Dimensions:

Discharge connection	EPDM ANSI	8"
Blower pkg weight	lbs.	3,768
Envelope dim.*	LxWxH in.	71 x 59 x 78
460VAC Cooling Fan	kW	0.19
AERtronic	kW	0.2

* non binding dimensions includes, inlet filter silencer, relief valve, check valve, and flex connector



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Hybrid Replace

D 52S

Aerzen Delta Hybrid Blower Package consists of the following components, assembled in our factory.

- 1 Aerzen Rotary Lobe Compressor D Series
- 1 base frame with integrated reactive type silencer
- 1 hinged motor support as automatic belt tensioning device
- 1 set of vibration isolating mounts
- 1 intake filter-silencer
- 1 narrow V-belt drive with guard
- 1 spring loaded pressure relief valve
- 1 discharge manifold with externally accessible integrated check valve
- 1 flexible connector with clamps for schedule 40 pipe, discharge

Scope of Supply

- 1 compact blower package as listed above
- 1 electric motor per NEMA, TEFC, 460v / 60Hz, premium efficiency, T-Stat
- 1 sound enclosure with integral 460V cooling fan and factory supplied fan motor starter
- 1 set of sensors (P1, P2, T2 & Oil Temp) w/AERtronic Control (460VAC, 5Amp), E-Stop

Factory Services

- 1 ISO-1217 test report

Onsite Manufacturer Services

- 1 trip, 1 day total installation inspection, startup & testing

Spare Parts

- 1 air filter, 1 belt set, 1 oil filter -Hybrid,

Freight & Packaging

- 1 freight to jobsite

TOTAL for 1 Unit

(1) D 52S

\$65,554

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Pricing: DAP Jobsite

Terms: This offer is subject to Aerzen Standard Terms and Conditions (A2-001-USA January 2009)

Warranty: 24 months after start up or 30 months after delivery, which ever comes first on Aerzen package*

*Maintenance must be performed per the Instruction Manual using Aerzen spare parts.

*Equipment not manufactured by Aerzen will carry the manufacturer's standard warranty.