



BOARD OF SUPERVISORS  
AGENDA LETTER

Agenda Number:

Clerk of the Board of Supervisors  
105 E. Anapamu Street, Suite 407  
Santa Barbara, CA 93101  
(805) 568-2240

**Department Name:** Public Works  
**Department No.:** 054  
**For Agenda Of:** 2/7/2017  
**Placement:** Administrative  
**Estimated Tme:**  
**Continued Item:** No  
**If Yes, date from:**  
**Vote Required:** Majority

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**TO:** Board of Directors, Laguna County Sanitation District

**FROM:** Department Scott D. McGolpin, P.E. Director, x3010  
Director(s)  
Contact Info: Mark Schleich, P.E. Deputy Director, x3605

**SUBJECT:** Purchase of Blower and Mixing Equipment for the Laguna County Sanitation District Wastewater Reclamation Plant – Third Supervisorial District

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**County Counsel Concurrence**

As to form: No

**Auditor-Controller Concurrence**

As to form: No

**Other Concurrence: Purchasing**

As to form: Yes

**Recommended Actions:**

- a) Authorize the County Purchasing Agent to procure blowers systems from Aerzen USA Corporation, not a local vendor, without being required to conduct a formal bid process in the amount of \$42,959.
- b) Authorize the County Purchasing Agent to procure mixing equipment from Medora Corporation, not a local vendor, without being required to conduct a formal bid process in the amount of \$157,505.
- c) Find that the proposed actions are for the minor alteration of existing public facilities involving no expansion of the use beyond that which presently exists, that the proposed action is therefore exempt from the California Environmental Quality Act pursuant to 14CCR 15301 and approve the filing of a Notice of Exemption on that basis.

**Summary Text:**

This item is on the agenda in order to procure from sole source suppliers, replacement blower and mixing equipment that is more energy efficient. Pursuant to County Code Section 2-39, the Board may waive the competitive bidding requirement where there are limitations on the source or supply. The Laguna County Sanitation District (District) initially installed the existing equipment as part of the total dissolved solids (TDS) reduction and recycled water project commissioned in 2003. The blower and mixing equipment is used to keep material in suspension to allow pumping to treatment processes and

requires periodic replacement due to wear with an approximate useful life of approximately 15 years. At this time, substantially more efficient equipment is now available from exclusive manufacturers. This action requests that the Board authorize the County Purchasing Agent to procure the new blower and mixing equipment as described in the attached quotations.

**Background:**

The Laguna County Sanitation District operates a wastewater reclamation plant that serves the Orcutt and unincorporated Santa Maria areas. Screened wastewater is held in two ponds prior to secondary and advanced treatment and is reused for beneficial uses. The ponds are aerated to keep material in suspension to enable pumping. Current aeration consists of three 75 horsepower (2 in service, 1 backup) such that 150 horsepower loads run continuous. The new system would use two 25 horsepower (1 in service, 1 backup), thus reducing energy load by 125 horsepower. A cost analysis provided by an energy consultant shows that including PG&E energy efficiency rebates, there is a return on investment of less than two years and a cost savings of over \$2.2 million over a 15 year useful life.

Because the blower and mixer equipment are not manufactured by alternative vendors, staff requests that the Board waive the competitive bid requirement and authorize the County Purchasing Agent to procure the blowers (\$42,959) and mixers (\$157,505) for a combined cost \$200,464. Plant staff will perform the replacement work.

**Performance Measure:**

Replacement of the existing blowers and mixers at the approximate end of their useful life allows for the use of substantially more energy efficient equipment providing for less maintenance and energy cost savings.

**Fiscal and Facilities Impacts:**

Budgeted: Yes

**Fiscal Analysis:**

<b><u>Funding Sources</u></b>	<b><u>Current FY Cost:</u></b>	<b><u>Annualized On-going Cost:</u></b>	<b><u>Total One-Time Project Cost</u></b>
General Fund			
State			
Federal			
Fees			
Other:	\$ 200,464.00		
<b>Total</b>	<b>\$ 200,464.00</b>	<b>\$ -</b>	<b>\$ -</b>

Funds are available in the District’s annual operations and maintenance budget.

**Special Instructions:**

Direct the Clerk of the Board to forward a certified copy of the minute order to:

- Joe De La Cerda, General Services Department, Purchasing Manager; and
- Martin Wilder, Public Works Department, Laguna County Sanitation District Manager

**Attachments:**

Attachment A: Cost analysis

Attachment B: Purchasing requisitions and proposals

Attachment C: Notice of Exemption

**Authored by:**

Martin Wilder, Manager, x8750

Public Works Department

**Copy:**

Angela Arredondo, Accountant I, Resource Recovery & Waste Management Division in Santa Maria

Joe De La Cerda, Purchasing Manager, General Services Department in Santa Barbara