



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: 8/14/2014
Placement: Administrative
Estimated Tme:
Continued Item: No
If Yes, date from:
Vote Required: Majority

TO: Board of Directors, Laguna County Sanitation District

FROM: Department Scott D. McGolpin, P.E., Director, 568-3010
Director(s)

Contact Info: Mark Schleich, P.E., Deputy Director, 882-3600

SUBJECT: Purchase of Filtration Membranes at the Laguna County Sanitation District
Wastewater Reclamation Plant – Third Supervisorial District

County Counsel Concurrence

As to form: No

Auditor-Controller Concurrence

As to form: No

Other Concurrence: Purchasing

As to form: Yes

Recommended Actions:

That the Board of Directors:

- a) Authorize the County Purchasing Agent to procure membranes in an amount not to exceed \$175,000 from Suez Water Technologies & Solutions (parent company of Zenon), not a local vendor, without being required to conduct a formal bid process through June 30, 2019.
- b) Find that the proposed action is 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 authorize the purchase of filtration membranes at the Laguna County Sanitation District Wastewater Reclamation Plant (District) in an amount not to exceed \$175,000. 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 District installed a tertiary

membrane filtration system as part of the total dissolved solids (TDS) reduction and recycled water project in 2003. The membranes are used to filter the water to tertiary levels and require periodic replacement due to wear or damage. This action requests that the Board authorize the County Purchasing Agent to procure 64 new membranes to replace existing worn membranes.

Background:

The Laguna County Sanitation District operates a wastewater reclamation plant that serves the Orcutt and unincorporated Santa Maria area. The water is highly treated and reused for beneficial uses. Tertiary filtration is accomplished through membranes, which is part of the tertiary treatment process.

Membranes are cleaned and maintained to extend their useful lives but are still subject to wear and must be replaced periodically. The treatment process consists of two sides or trains. The membranes due for replacement are located in Train 1 and are 5 years or older and at the end of their useful lives. The new membranes will replace the older style 500b membranes with the modern 500d-short model. The membranes in Train 2 were replaced with the up to date model in 2015.

The membranes are proprietary as they function with the existing facility and are manufactured by Suez Water Technologies & Solutions (formerly GE Water & Process Technologies and parent company of Zenon Environmental) located in Oakville, Ontario, Canada. While there are other membrane manufacturers, replacement would require a substantial and non-cost effective retrofit affecting tank connections, pumps and motors, and frame and hose systems. Therefore, staff requests that the Board waive the competitive bid requirement (only one vendor) and authorize the County Purchasing Agent to procure the membranes at a cost not to exceed \$175,000 (including taxes).

Performance Measure:

Replacement of the tertiary filtration membranes on the above replacement ensures that the District can continue to provide the required level of treatment.

Fiscal and Facilities Impacts:

Budgeted: Yes

Fiscal Analysis:

<u>Funding Sources</u>	<u>Current FY Cost:</u>	<u>Annualized On-going Cost:</u>	<u>Total One-Time Project Cost</u>
General Fund			
State			
Federal			
Fees			
Other:	\$ 175,000.00		
Total	\$ 175,000.00	\$ -	\$ -

Membrane replacement costs are budgeted in the District’s annual operations and maintenance budget.

Staffing Impacts

There are no staffing impacts with this action.

Special Instructions:

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

- Mark Masoner, General Services Department, Purchasing Agent; and
- Martin Wilder, Public Works Department, Laguna County Sanitation District Manager

Attachments:

Attachment A: Notice of Exemption

Attachment B: Purchasing Requisition and Proposal

Authored by:

Martin Wilder, Manager, x8750

Public Works Department

Copy:

Mark Masoner, Purchasing Agent, General Services Department

Angela Arredondo, Laguna County Sanitation Accountant