



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: 4/7/2020
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, (805) 568-3010
Director(s)

Contact Info: Leslie Wells, Deputy Director, (805) 882-3605

SUBJECT: Request for Waiver on Competition in Purchase of Filtration Membranes at the Laguna County Sanitation District Wastewater Reclamation Plant – Third Supervisorial District

County Counsel Concurrence

As to form: N/A

Auditor-Controller Concurrence

As to form: N/A

Other Concurrence: Purchasing

As to form: Yes

Recommended Actions:

That the Board of Directors:

- a) Authorize the County Purchasing Agent/Chief Procurement Officer to procure membranes in an amount not to exceed \$105,000 annually from Suez Water Technologies & Solutions (parent company of Zenon), not a local vendor, without being required to conduct a formal bid process annually through June 30, 2021; and
- 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, and that the proposed action is therefore exempt from the California Environmental Quality Act pursuant to 14 CCR 15301.

Summary Text:

This item is on the agenda in order to authorize the purchase of ultrafiltration membranes for the Laguna County Sanitation District wastewater reclamation plant in an amount not to exceed \$105,000/annually. 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 and there are no other vendors that manufacture replacement membranes for this equipment. 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/Chief Procurement Officer to procure new membranes as needed to replace certain existing worn membranes.

Background:

The Laguna County Sanitation District (District) operates a wastewater reclamation plant that serves the Orcutt and unincorporated Santa Maria area. The reclamation plant underwent a regulatory upgrade in 2003 that increased treatment to tertiary levels, allowing the highly treated water to be reused for beneficial uses. Part of the treatment process includes filtration using ultrafiltration membranes. The membranes used in the plant are manufactured by Suez Water Technologies & Solutions (formerly GE Water & Process Technologies and parent company of Zenon Environmental) located in Oakville, Ontario, Canada and are proprietary.

Although membranes are cleaned and maintained to extend their useful lives, they are subject to wear and must be replaced periodically in order to control turbidity levels. Typical useful lives can vary between 5 and 10 years. An evaluation of the membranes in the tertiary membrane system revealed that several membranes have failed that are approximately 12 years old and need to be replaced.

While there are other membrane manufacturers, replacement would require a complete retrofit of the tanks, including structural components, pipe connections, changing out pumps and motors, as well as electrical and control systems in addition to a complete and premature replacement of all 728 ZW500C membranes in the tertiary filtration system at a cost exceeding \$3 million. Therefore, staff requests that the Board waive the competitive bid requirement and authorize the County Purchasing Agent/Chief Procurement Officer to procure the membranes at a cost not to exceed \$105,000 (including taxes) annually.

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:	\$ 105,000.00	\$ 105,000.00	
Total	\$ 105,000.00	\$ 105,000.00	\$ -

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 Division, Lead Buyer; and
- Martin Wilder, Public Works Department, Laguna County Sanitation District Manager

Attachments:

Attachment A: Purchasing Requisition and Proposal

Authored by:

Martin Wilder, P.E. – Laguna County Sanitation District Manager, (805) 803-8750
 Public Works Department

Copy:

Angela Arredondo, Laguna County Sanitation Accountant