



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/Lag San  
Department No.: 054  
For Agenda Of: 7/10/2012  
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., x3010  
Director(s) Public Works Director

Contact Info: Mark A. Schleich, P.E. , x3605  
Deputy Public Works Director

**SUBJECT: Professional Services Contract for Design of the Sludge Drying Beds Project –  
Third Supervisorial District**

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**County Counsel Concurrence**

As to form: Yes

**Auditor-Controller Concurrence**

As to form: Yes

**Other Concurrence:** Risk Management

As to form: Yes

**Recommended Actions:**

- A. Approve and authorize the Chair to execute an agreement with Cannon Corporation in the amount of \$97,620 for the design of new sludge drying beds and return flow system at the Laguna County Sanitation District Wastewater Reclamation Plant.
- B. Authorize a 10% contingency in the amount of \$9,762.00 with Cannon Corporation for additional work that may be needed to complete work for the project; and
- C. Find that the proposed action does not constitute a “Project” within the meaning of the California Quality Act (CEQA), pursuant to 14 CCR 15378 (b)(5), in that it is a government administrative activity that will not result in direct or indirect changes in the environment.

**Summary Text:**

Wastewater treatment results in a residual waste product called sludge. Currently, sludge from the digester is dried in earthen beds. This method is outdated and will be replaced with lined drying beds and a pump system to return residual liquid to the treatment plant headworks. This action authorizes Cannon to perform the design of the sludge bed improvements including the preparation of plans, specifications, and estimate for construction bidding.

**Background:**

The solids handling system at the plant consists of a series of physical processes ending in sludge drying prior to hauling away for use as composting feedstock. Currently, the sludge is dried using outmoded earthen beds. Various improvements to the solids handling system are detailed in the Master Plan prepared for the district in 2010 that will be completed in phases. This project is included in the County 2012-2017 Capital Improvement Program (CIP) on page B-46 and consists of the initial phase to replace the earthen beds with lined beds and install a supernatant return system.

A request for qualifications was solicited to four engineering firms. Based on qualifications and experience, Cannon was selected by staff to perform design services and to prepare the plans, specification, and estimate to be used for bidding the project. Your Board will next be asked to consider project approval pursuant to the California Environmental Quality Act (CEQA) as well as authorization for bid advertisement at a later date. It is expected that construction would begin in fiscal year 2012-2013 with completion expected in fiscal year 2013-2014.

**Performance Measure:**

Replacing the earthen sludge beds with lined beds will allow for safer and more efficient processing of sludge material.

**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			
District Reserves	\$ 107,382.00		
Total	\$ 107,382.00	\$ -	\$ -

The project is included in the Public Works Department section of the current Five -Year CIP. The design contract as well as the construction (future board action) will be funded from district capital improvement designations.

**Staffing Impacts:**

**Legal Positions:**  
None

**FTEs:**  
None

**Special Instructions:**

Retain one (1) original agreement for Clerk of the Board records and return the other two (2) original agreements to the Laguna County Sanitation District office, attention Martin Wilder.

**Attachments:**

Original agreement, three (3 copies).

**Authored by:** Martin Wilder, P.E., Manager

**Copy:** Colleen Hankins