



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:** 3/4/2014  
**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 Agreement with Carollo Engineers, Incorporated for  
Preliminary Design of Laguna County Sanitation District Plant Upgrades  
Third and Fourth Supervisorial Districts

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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 Carollo Engineers, Incorporated in the amount of \$402,951 for the preliminary design of Laguna County Sanitation District wastewater reclamation plant upgrades.
- B. Authorize a 10% contingency in the amount of \$40,295 with Carollo Engineers, Incorporated for additional engineering that may be needed to complete work.
- 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:**

The Laguna County Sanitation District (District) commissioned a *Wastewater Reclamation Plant Facilities and Financial Master Plan*, which was presented to the Board in October 2011. The reclamation plant has a current treatment capacity of 3.7 million gallons per day (mgd) and consists of facilities built in 1959, 1974, 1986, and 2001. The plan addressed existing equipment and treatment processes, particularly those that are older, have limitations, and have met their useful lives, and looked ahead to future needs as well as costs associated with proposed improvements. This action initiates

preliminary design needed to define requirements to treat and dispose up to 3.7 mgd, address permitting criteria, and provides for environmental review. A subsequent action will initiate preparation of the plans and specifications needed to bid out the construction of the proposed improvements.

**Background:**

The existing Laguna County Sanitation District wastewater reclamation plant was built over time with facilities constructed in 1959, 1974, 1986, and 2001 and has a current treatment capacity of 3.7 mgd. A *Wastewater Reclamation Plant Facilities and Financial Master Plan* was prepared to assess the function and usefulness of the treatment facility infrastructure and studied treatment plant assets by assessing equipment useful lives, function, and improvements needed to address regulatory criteria, capacity needs, customer growth, waste flow volumes and loading, and treatment and discharge alternatives.

The specific scope of work related to this action consists of preliminary design to replace the original headworks, clarifiers, biological treatment components, and certain solids handling improvements, in addition to addressing discharge permitting issues. The deliverables are intended to allow the District to submit documentation to the Regional Water Quality Control Board for a new discharge permit and initiate environmental review pursuant to the CEQA. A subsequent action will address the preparation and plans and specifications for the construction of the proposed improvements.

The costs for implementing the recommendations of the plan were also assessed pursuant to the County Enterprise Fund Reserve Policy adopted by the Board in June of 2007, which was developed to minimize debt service, provide for capital replacement, anticipate expansion requirements and to plan for working capital, contingency and adequate reserve levels. The construction costs for the proposed improvements are estimated to be \$35 million and the Board has reviewed a rates and fee structure intended to address these costs. It is anticipated that the scope of this work would be carried out over the next two fiscal years such that implementation is anticipated for 2017.

The vendor was selected through a request for qualifications that was solicited to thirteen engineering firms. Two statements of qualifications were received. Based on qualifications and experience, the team of Carollo Engineers, Incorporated (lead and not a local vendor) with Cannon Corporation (a tri-county vendor) was selected.

**Performance Measure:**

Implementation of the improvements is consistent with master planning and the Capital Improvement Program.

**Fiscal and Facilities Impacts:**

Budgeted: Yes

**Fiscal Analysis:**

The cost to conduct the preliminary design of the Phase 1 improvements is \$402,951 (plus a contingency of \$40,295). The expenditure of these funds is planned over a two fiscal year period. Other costs not addressed by this action include environmental review, permitting, and any third party costs such as for geotechnical investigations and laboratory analysis.

**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

Mark Paul