



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/Laguna Sanitation
For Agenda Of: 7/7/09
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, x3010
Director(s) Director, Public Works Department

Contact Info: Mark A. Schleich, x3600
Deputy Public Works Director

SUBJECT: Professional Services Agreement with Penfield & Smith Engineers to Design the Phase 2 Recycled Water Distribution Project, Fourth Supervisorial District

County Counsel Concurrence

As to form: Yes

Auditor-Controller Concurrence

As to form: Yes

Other Concurrence: Risk Management

As to form: Yes

Recommended Actions:

Approve and execute the agreement with Penfield & Smith Engineers in the amount of \$121,800 to design the Rancho Maria Golf Course Recycled Water Distribution project. (Phase 2)

Summary Text:

The Laguna County Sanitation District provides wastewater services for the Orcutt and unincorporated Santa Maria area by collecting, treating and disposing of approximately 2.1 million gallons per day (mgd). Water is treated to disinfected tertiary levels and discharged by irrigation to off site user locations. Water not used on demand is stored and irrigated on district property. Current treatment capacity is 3.7 mgd but current discharge capacity is approximately 2.4 mgd. In order to better match disposal capacity to treatment capacity, additional user sites must come on line. Several locations are described in the *Market Assessment for Recycled Water* prepared by CH2MHill in 2000 including the currently proposed project to the Rancho Maria Golf Course. This actions requests approval to procure professional engineering services to design the pipeline system for the distribution of recycled water to the Rancho Maria Golf Course.

Background:

Orcutt and the unincorporated Santa Maria area served by the Laguna County Sanitation District is the fifth largest populated community area in the county. The Orcutt Community Plan (OCP) identifies growth in the area requiring public infrastructure improvements. These improvements are related to the district's ability to collect, treat, store, and discharge treated water. At this time, the most pressing need is to increase disposal capacity. All treated effluent is discharged by irrigation. A *Market Assessment for Recycled Water* prepared by CH2MHill in 2000 described multiple locations where recycled water could be used. A more recent report entitled *Feasibility Study of Treated Wastewater Options* further evaluated the economy and potential for other discharge alternatives and concluded that the most reasonable method for discharging water was the continuation of irrigation. Currently, the district distributes recycled water to the Santa Maria Public Airport District (the phase 1 project), and a smaller volume to Santa Maria Pacific. Due to its location, the phase 2 project is the Rancho Maria Golf Course. Future user sites may include Waller County Park, the Santa Maria Country Club, east side airport locations, and other agricultural areas.

The phase 2 project involves short term demand storage at the plant, an extension of the distribution pipeline to the golf course, and retrofitting the on site irrigation and potable water system at the golf course. An original Public Works Department Master Services Agreement with Penfield & Smith Engineers was executed in August of 2007 in the amount of \$95,800 to prepare plans and specifications for the pipeline extension to the golf course driveway. This work is nearly completed. However, at that time the developer of Key Site 21 (Rancho Maria Estates) was working with the golf course on an arrangement in which the developer would have provided the on site irrigation changes as well as multiple golf course improvements. Unfortunately, the Key Site 21 development project has been put on hold and in order to keep this project on schedule, the district must pursue making certain modifications in order make the recycled water serviceable to the site. These modifications are generally intended to provide separation from the existing water system from the irrigation system as opposed to system improvements. This course of action is consistent with similar projects in the area such as the distribution of recycled water to the Montecito Country Club by the City of Santa Barbara. The recycled water will be sold to the user at a rate not exceeding the cost of their existing well water supply, estimated at \$50/acre-foot.

The added scope of work to evaluate existing conditions and ascertain design parameters such as additional storage needs, pumping requirements, delivery control systems, and separation requirements from the existing well water system is estimated to cost \$26,000. This extends the cost to \$121,800. Because professional services exceeding \$100,000 require a board contract, this action requests the execution of a board contract to convert the existing Public Works Department Master Services agreement and authorize the additional services. The scope of work for the plans and specifications related to the on site work will be submitted when the existing on site system has been evaluated and will be the subject of a subsequent amendment to the agreement.

Performance Measure:

The project will increase disposal capacity by approximately 0.33 mgd.

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 Capital Reserves			\$ 121,800.00
Total	\$ -	\$ -	\$ 121,800.00

Narrative: Funding for the professional services are from district capital reserves. The design of the pipeline extension is nearly complete but this action adds to this consultant's scope of work. Other intangible expenses include environmental assessment and agronomic evaluation for water compatibility. Funding for construction is planned from district reserves as well as two partial grants pending the application process with the State Water Resources Control Board and the US Bureau of Reclamation. This project is described on page B-195 of the 2008-2013 County CIP.

Staffing Impacts:

Legal Positions:

None

FTEs:

None

Special Instructions:

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

Attachments:

Original agreements (3)

Authored by:

Martin Wilder

Copy:

Colleen Hankins