



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 Health
Department No.: 041
For Agenda Of: May 15, 2012
Placement: Admin
Estimated Tme:
Continued Item: No
If Yes, date from:
Vote Required: Majority

TO: Board of Supervisors

FROM: Department Takashi M Wada, MD, MPH, Director and Health Officer
Director(s) Public Health Dept.
Contact Info: Susan Klein-Rothschild, 681-5435
Assistant Deputy Director, Public Health Dept.

SUBJECT: First Amendment to Professional Services Contract with AECOM

County Counsel Concurrence

As to form: Yes

Other Concurrence: Risk Management

As to form: Yes

Recommended Actions:

That the Board of Supervisors consider recommendations regarding the First Amendment to the Agreement with AECOM as follows:

- a) Approve and authorize the Chair to execute a First Amendment to the Agreement (BC-11-091) with AECOM for continued work on a Preliminary Engineering Report for wastewater collection, treatment and disposal facilities to serve the Township of Los Olivos increasing the contract amount by \$30,977 (an anticipated \$27,879 for FY 2011-12 and \$3,098 for FY 2012-13) for a total contract amount not to exceed \$210,677.
- b) Determine that these activities are exempt from California Environmental Quality Act review per CEQA Guideline Section 15061(b) (3), since it can be seen with certainty that there is no possibility that the activities may have a significant effect on the environment.

Summary Text:

On May 3, 2011, your Board approved an Agreement with AECOM to prepare a preliminary Engineering Report for wastewater collection, treatment and disposal facilities to serve the unincorporated community of Los Olivos. The report evaluates the various treatment system components as well as potential treatment and disposal sites. In addition, it provides cost estimates for the various treatment and disposal options and concludes with a short discussion on agency formation. Approval of this First Amendment will extend the term of the Agreement (from June 30, 2012) to December 31, 2012 as well as increase the total Agreement amount by \$30,977 (an anticipated \$27,879

for FY 2011-12 and \$3,098 for FY 2012-13). A supplemental Statement of Work for this First Amendment includes a more extensive analysis of specific treatment and effluent disposal options.

Background:

The Township of Los Olivos has a base population of approximately 1,000 residents. As a popular tourist destination in the county's wine country, the population can swell to two or three times that on weekends and holidays. While Los Olivos receives drinking water from the Santa Ynez River Water Conservation District, there is no public sewer. The 400 residential and 52 commercial parcels are served by private onsite wastewater treatment systems (septic systems).

The conditions in many parts of Los Olivos are not conducive to the use of septic systems. The soils are not very permeable and are therefore not particularly suitable for the use of conventional septic systems. Seasonal fluctuations in groundwater levels range from 5 to 12 feet below ground surface in the downtown area during the wet season, and 25 to 30 feet during dry periods. As a result, septic system effluent is being discharged directly above the groundwater table or in some cases, directly into the groundwater. In addition many of the parcels in the township are small; nearly two-thirds of the lots are less than one-half acre in size with many of these parcels comprising less than one-quarter acre making the installation of an adequate sized septic system very difficult.

Los Olivos is underlain by the Santa Ynez Uplands Groundwater Basin which is used extensively as a source of agricultural and domestic water. This basin has been identified by the Central Coast Regional Water Quality Control Board as one of three groundwater basins in Santa Barbara County experiencing increases in nitrate concentrations. The high density of onsite wastewater treatment systems in an area of poor site conditions are likely contributors to the degradation of groundwater.

AECOM was chosen to prepare a Preliminary Engineering Report for a communal wastewater treatment and disposal system. This report evaluates:

- Various systems for collecting and transporting the wastewater to the treatment plant,
- Different types of treatment methods and various methods for disposing the treated effluent,
- A general analysis of where these facilities could be located,
- Cost estimates for the various options
- An overview of the agency formation process.

AECOM's work to this point has been acceptable to the County and the Supplemental Statement of Work in this First Amendment includes a comprehensive analysis of an additional treatment technology as well as the treatment, monitoring and permitting requirements necessary for the discharge of treated effluent to surface water.

Fiscal and Facilities Impacts:

Acceptance of this agreement does not affect mandates or service levels.

Fiscal Analysis:

A commensurate amount of funding for the project is included in the Public Health Department's FY 2011-12 adopted budget as well as the FY 2012-13 recommended budget. The source of the funding is a 2000-01 State Budget Act allocation the PHD received from the State Water Resources Control Board. These funds are externally restricted for use on "septic to sewer" projects. An adequate amount of these

restricted funds are available in the PHD Special Revenue Fund to support the work in this contract. There is no projected use of General Fund dollars for this project.

Staffing Impacts:

The approval of this recommendation will neither decrease nor increase current Environmental Health Services staff levels.

Special Instructions:

Please prepare one (1) executed original agreement and one Minute Order. Email phdcu@sbcphd.org when available for pick-up.

Attachments:

First Amendment to Agreement with AECOM

Authored by:

David Brummond, Supervising Environmental Health Specialist