

602



**SUBMITTAL TO THE BOARD OF SUPERVISORS
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**

FROM: Waste Management Department

SUBMITTAL DATE:
August 11, 2005

SUBJECT: Consultant Agreement for providing Geological and Geotechnical Professional Services at Lamb Canyon Sanitary Landfill

RECOMMENDED MOTION: That the Board of Supervisors approve a multiple task Consultant Agreement with Advanced Earth Sciences to provide professional services for Lamb Canyon Sanitary Landfill, and authorize the Chairman to execute the Agreement on behalf of the Department.

BACKGROUND: As part of the ongoing site development plan for the Lamb Canyon Sanitary Landfill, a Waste Recycle Park (WRP) facility and a lateral expansion project are slated to be constructed this fall and next spring respectively. In order to comply with the applicable Federal, State, and local regulations and standards, professional services related to these two projects need to be provided by a third-party consultant. (Continued)

Departmental Concurrence


Hans W. Kernkamp, General Manager-Chief Engineer

FCRM APPROVED
COUNTY COUNSEL

AUG 11 2005



FINANCIAL DATA	Current F.Y. Total Cost:	\$ 41,435	In Current Year Budget:	Yes
	Current F.Y. Net County Cost:	\$ N/A	Budget Adjustment:	No
	Annual Net County Cost:	\$ N/A	For Fiscal Year:	05/06

SOURCE OF FUNDS: Waste Management Department Enterprise Fund – Disposal Fees	Positions To Be Deleted Per A-30	<input type="checkbox"/>
	Requires 4/5 Vote	<input type="checkbox"/>

C.E.O. RECOMMENDATION:

APPROVE



County Executive Office Signature

- Consent
- Policy
- Consent
- Policy

Dep't Recomm.:
Per Exec. Ofc.:

Prev. Agn. Ref.:	District: 5	Agenda Number:
-------------------------	--------------------	-----------------------

**ATTACHMENTS FILED
WITH THE CLERK OF THE BOARD**

12.2

In the scope of services required by the consultant, the construction of the WRP requires laboratory and field soil testing, as well as geologic mapping. Additionally, in compliance with the requirements of the Uniform Building Code (UBC), static and seismic stability analyses of the design side-slopes within the WRP project area will be performed following the guidelines set forth by the County Department of Building and Safety. The consultant will also evaluate the suitability of using a shallow foundation system to support the planned steel frame structure, which will be constructed within the WRP.

In addition to the aforementioned scope, and in preparation for the next expansion project at this site, the following tasks are required to comply with the requirements of Subtitle D of the Code of Federal Regulations (CFR) and Title 27 of the California Code of Regulations (CCR): 1) evaluate the static and seismic stability of the proposed liner sub-grade and the refuse fill slope, and 2) perform hydraulic evaluation of the proposed composite liner system in order to demonstrate that it meets the long-term performance goal.

In response to a Department Request for Proposal (RFP), five proposals were received from consultants qualified in this field. The cost range of these proposals varied from \$27,256 to \$106,170 (refer to attached summary). These proposals were carefully reviewed by the Department's engineering staff, and based on that review, Advanced Earth Sciences (AES) was found to be the most technically sound and the most responsive to the RFP. AES's proposal came in at a total cost of \$41,435 -- an amount determined by the staff to be reasonable considering the required scope of work

The two bids below the bid submitted by AES were not selected based upon staff evaluation for the following reasons:

- 1) Did not demonstrate clear understanding of the required scope of work.
- 2) Appear to have underestimated the number of staffing hours needed to perform the required services.

The primary reasons for recommending AES include the following:

- 1) Demonstrated the best understanding of the required scope and the best technical approach to perform the required tasks.
- 2) The number of staffing hours committed to the project appears to be the most realistic in proportion to the required services.
- 3) All expenses are directly accounted for, including any necessary interaction with the regulatory agencies.
- 4) The lead staff members who are committed to this project conducted a site visit during preparation of the proposal in order to acquaint themselves with the project work areas and the overall site conditions. AES was the only consultant who took this initiative.

This project is budgeted for in fiscal year 05-06 in Fund 40200, Department ID - 4500100000.

Summary

Lamb Canyon Sanitary Landfill

Phase 2, Stage 3 Expansion area and Waste Recycling Park

Comparison of Consultant Proposals' Cost for Providing Professional Services

	Consultant	Cost
1	GeoLogic Associates	\$ 27,256.00
2	GeoSyntec	\$ 29,586.00
3	Advanced Earth Sciences	\$ 41,435.00
4	Converse	\$ 52,730.00
5	Amec	\$ 106,170.00