

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

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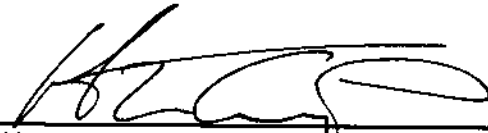
**FROM:** Waste Management Department

**SUBMITTAL DATE:**  
October 17, 2006

**SUBJECT:** Consultant Services Agreement - Quality Assurance/Quality Control (QA/QC) services during the Construction of Liner System Phase 2, Stage 3 Expansion at the Lamb Canyon Sanitary Landfill

**RECOMMENDED MOTION:** That the Board:

1. Approve the Consultant Agreement between the County and Advanced Earth Sciences, Inc. to provide QA/QC services during the Construction of Liner System Phase 2, Stage 3 Expansion at the Lamb Canyon Sanitary Landfill, and,
2. Authorize the Chairman to execute the agreement on behalf of the Department. (Cont'd)

  
Hans W. Kernkamp, General Manager-Chief Engineer

<b>FINANCIAL DATA</b>	Current F.Y. Total Cost:	\$ 249,555.00	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:	06/07

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

**C.E.O. RECOMMENDATION:** **APPROVE**

**County Executive Office Signature** 

FORM APPROVED COUNTY COUNSEL  
 OCT 20 2006  
 Dep't Recomm.:  Policy  Policy  
 Per Exec. Ofc.:  Consent  Consent

**Prev. Agn. Ref.:** | **District:** 5 | **Agenda Number:**

**BACKGROUND:** On October 17, 2006, the Board awarded the contract to Road Builders, Inc. for the construction of Liner System Phase 2, Stage 3 Expansion at the Lamb Canyon Sanitary Landfill. Subtitle D of the Federal Code of Regulations, and Title 27 of the California Code of Regulations require that the construction be performed in accordance with an approved construction Quality Assurance and Quality Control (QA/QC) Plan and that it be implemented by an independent consultant who will verify that the materials and the procedures are in accordance with that Plan.

In response to a Department Request for Proposal (RFP) to provide QA/QC services during the subject expansion project, a total of four (4) proposals were received from consultants qualified in this field. The cost range of these proposals varied from \$215,844 to \$249,555 (refer to attached summary).

The consultant proposals were reviewed by the Department's engineering staff who determined that Advanced Earth Sciences, Inc. (AES) submitted the most responsive proposal in satisfying the Department's needs as well as all requirements of the approved QA/QC plan. In addition, a detailed evaluation of all proposals resulted in the proposal submitted by AES being ranked above all other proposals based upon all relevant evaluation factors (refer to attached scoring matrix). Two out of the three other submitted proposals were deemed non-responsive in meeting the RFP requirements due to various reasons including the absence of some required QA/QC testing and activities such as geologic observation and mapping. Staff believes the third proposal did not include sufficient personnel hours that would provide the required QA/QC services throughout the duration of the project, which resulted in the total proposal cost being too low.

AES's proposal came in at a total cost of \$249,555 - an amount determined by staff to be reasonable considering the required scope of work and project schedule.

This Project is budgeted for fiscal year 06-07 in Fund 40200, Department ID - 4500100000.

Attachment: Summary of Consultants' Proposal and Scoring Matrix (Tables A1 and B1)  
Consultant Agreement

PD#48268-v1

Lamb Canyon Sanitary Landfill  
Phase 2, Stage 3 Expansion QA/QC Services  
October 2006 Request for Proposal Results

**Table A1. - Summary of Consultants' Proposals - As Submitted**

	Consultant	Cost	Corrected for Math
1	Converse Consultants	\$ 215,844.00	
2	Geo-Logic Associates	\$ 228,956.00	\$ 228,954.00
3	Vector Engineering	\$ 230,509.20	
4	Advanced Earth Sciences	\$ 249,555.00	

\* GeoSyntec was sent an RFP, but did not submit a proposal due to heavy work load

Lamb Canyon Sanitary Landfill  
Phase 2, Stage 3 Expansion QA/QC Services  
October 2006 Request for Proposals Results

Table B1 - Award Criteria Scoring Matrix

Criteria Weighting*	Overall responsiveness and general understanding of the RFP requirements	Consultant's understanding of the project and the approach to accomplishing project tasks.	References with demonstrated success with similar work to the Scope of Services (Consultant's experience)	Technical capability and project methodology	Overall cost to the Department (based on submitted costs)	Clarification, Exceptions or Deviations	Credentials & Resumes for staff committed to the project	Weighted Score	Rank
	10	10	10	10	10	5	300 Max		
<b>Advanced Earth Sciences</b>	5	5	5	5	2	5	5	270	1
<b>Geo-Logic Associates</b>	4	4	5	4	4	5	4	255	2
<b>Converse Consultants</b>	3	2	3	4	5	3	4	205	3
<b>Vector Engineering</b>	3	3	3	3	3	3	4	185	4

\* Based on their overall importance, categories are weighted on a scale of 1 to 10  
Each Consultant received a point value ranging from 0 to 5 for each category