

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

857



FROM: Waste Management Department

SUBMITTAL DATE:  
June 19, 2014

SUBJECT: Addendum No. 6 to the Consultant Services Agreement with Geosyntec Consultants  
District 5/5 [\$69,606.35 - Waste Management Department Enterprise Funds]

**RECOMMENDED MOTION:** That the Board of Supervisors approve Addendum No. 6 to the Consultant Services Agreement with Geosyntec Consultants, and authorize the General Manager-Chief Engineer to execute it on behalf of the County.

**BACKGROUND:**

**Summary**


On July 13, 2010, the Board of Supervisors approved and executed a Consultant Agreement between the Department and Geosyntec Consultants (Geosyntec) to provide Geotechnical Design and Construction Quality Assurance/Quality Control (QA/QC) services during the design and construction phases of two landfill expansion projects at the Badlands and Lamb Canyon landfills. Although the Lamb Canyon contractor (Sukut) has completed that expansion ahead of schedule, the General Contractor for the Badlands expansion (Independent Construction) continues to fall behind schedule and is now expected to complete the liner expansion project in August, approximately six months behind schedule. (continued)

  
Hans Kernkamp  
General Manager-Chief Engineer

FINANCIAL DATA	Current Fiscal Year:	Next Fiscal Year:	Total Cost:	Ongoing Cost:	POLICY/CONSENT (Per Exec. Office)
COST	\$ 0	\$ 69,606.35	\$ 69,606.35	\$ N/A	Consent <input type="checkbox"/> Policy <input checked="" type="checkbox"/>
NET COUNTY COST	\$ 0	\$ 0	\$ 0	\$ N/A	
SOURCE OF FUNDS: Waste Management Department Enterprise Funds				Budget Adjustment: No	
				For Fiscal Year: 14/15	

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

APPROVE

BY:   
Alex Gann

County Executive Office Signature

**MINUTES OF THE BOARD OF SUPERVISORS**

- ☐ A-30 ☐ Positions Added ☐ 4/5 Vote ☐ Change Order

Prev. Agn. Ref.: 4/8/14 (12-1C)

District: 5/5

Agenda Number:

COUNTY

12-2

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

**FORM 11:** Addendum No. 6 to the Consultant Services Agreement with Geosyntec Consultants

**DATE:** June 19, 2014

**PAGE:** Page 2 of 2

### **BACKGROUND:**

#### **Summary (cont'd)**

On March 25, 2014, when it was expected the contractor would be completed in May, the Board of Supervisors approved a 90 contract working day increase to the Geosyntec consultant's agreement (50 days due to construction delays). The latest submitted construction schedule now indicates an August completion date. In order to maintain the regulatory required independent third party QA/QC services, the agreement with Geosyntec must be extended an additional 55 working days. Geosyntec's additional inspection costs will amount to \$69,606.35. The Badlands project is now a total of 105 working days behind schedule, increasing the total project duration from 160 working days to 265 working days. The Consultant will be compensated for actual days worked at the Badlands Landfill as authorized and verified by the Department.

At completion of the project, the Department will attempt to recover from the general contractor, through liquidated damages (\$2,000 per day), additional costs incurred by the County as the result of contractor-caused delay directly related to the additional Geosyntec work.

#### **Impact on Citizens and Businesses**

If this landfill expansion project is not completed, the disposal services for the public that is served by the Badlands Landfill could be interrupted or halted. It should be noted that this expansion project provides landfill airspace for an additional 10 million tons of refuse which is projected to extend the remaining site life by approximately 7-12 years.

### **SUPPLEMENTAL:**

#### **Contract History and Price Reasonableness**

Five engineering design addendums to the Consultant Agreement were previously issued. Addendum No. 1 addressed a regulatory demand to verify that a crack in trash near an existing lined slope at the Badlands Landfill was routine settlement, and was for the amount of \$15,000. Addendum No. 2 addressed a regulatory demand that the stability report for the Badlands expansion project be revised for more conservative parameters due to the aforementioned crack investigation, and evaluated additional waste fill to be placed on top of the interim landfill grades at the Lamb Canyon Landfill, in the amount of \$33,559.50. Addendum No. 3 addressed CPI adjustments, California prevailing wage rates, and third-party laboratory pass-through costs. It also allowed for extra work hours if requested, and that would be reimbursed by, both Contractors (estimated at \$50,000). The total amount for Addendum No. 3 was \$79,157. Addendum No. 4 extended the QA/QC inspection services for the Badlands project by 90 contract working days for a cost of \$113,902. In addition, an increase in laboratory testing was needed due to increased earthwork and geosynthetic quantities that amounted to \$11,306. The total amount increase for Addendum No. 4 was \$125,208. Addendum No. 5 provided the Lamb Canyon project additional CQA services during the storm damage repair work. The final compensation amount to the Consultant for performing the additional QA/QC services was determined to be \$47,959.87.

The price proposed by Geosyntec is fair and reasonable to both parties. Geosyntec will hold their rates per the agreement, with an adjustment in costs applying the Bureau of Labor Consumer Price Index (CPI) in accordance with Addendums No. 3 and No. 4. A CPI increase of 3.72% (July 2011 through March 2013) was incorporated into Addendum No. 3 and a 0.9% CPI (from April 2013 through December 2013) was incorporated into Addendum No. 4.

#### **Additional Fiscal Information**

The revised total cost of the agreement, including Addenda No. 1-6 would, therefore, be \$933,243.72. The original contract amount was for \$562,753. Budget for this additional service will be provided from Fund 40200, Department ID - 4500100000.

Attachments: Attachment A - Change Order Report

Attachment B - Addendum No. 6 to Consultant Agreement

## Attachment A - Change Order Report

### Construction Quality Assurance/Quality Control (QA/QC) Services for Badlands & Lamb Canyon Liner Expansion Projects - Consultant Agreement with Geosyntec Consultants (Consultant)

NUMBER	AMOUNT	PERCENT	DESCRIPTION
Original Contract Amount	\$562,753		
Previously Approved Addendum No. 1	\$14,876.35	Add. #1 Cost/Original = 2.64%	Cause: Investigate tension crack at Badlands landfill Initiated by: Regulatory requirements
Previously Approved Addendum No. 2	\$33,683.15	Add. #2 Cost/Original = 5.99%	Cause: Additional slope stability evaluations for Badlands & Lamb Canyon landfills Initiated by: Regulatory requirements
Previously Approved Addendum No. 3	\$79,157.00	Add.#3 Cost/Original = 14.1%	Cause: Overtime to be reimbursed by Contractor (\$50,000), and Rate Adjustment from 2010 to 2013 (\$29,157.00) Initiated by: Contractor and Consultant
Previously Approved Addendum No. 4	\$125,208.00	Add.#4 Cost/Original = 22.25%	Cause: Contractor's delay in the Badlands landfill liner expansion project Initiated by: County
Previously Approved Addendum No. 5	\$47,959.87	Add. #5 Cost/Original = 8.52%	Cause: Additional CQA Services during storm damage repair work at Lamb Canyon landfill Initiated by: County due to damages by act of God
Addendum No. 6	\$69,606.35	Add. #6 Cost/Original = 12.37%	Cause: Contractor's delay in the Badlands landfill liner expansion project Initiated by: County
New Total Contract Cost	\$933,243.72	Total Adds/original = 65.84%	



**Riverside County**  
**Waste Management Department**

*Hans W. Kernkamp, General Manager-Chief Engineer*

**ADDENDUM NO. 6**

**CONSULTANT SERVICES AGREEMENT – Badlands and Lamb Canyon Geotechnical Design and Construction Quality Assurance/Quality Control (QA/QC)**

**June 19, 2014**

This Addendum to the Consultant Services Agreement for Badlands and Lamb Canyon Geotechnical Design and Construction Quality Assurance/Quality Control (QA/QC) between County of Riverside and Geosyntec Consultants (Consultant), is issued by the Riverside County Waste Management Department (Department). All other terms of the subject Consultant Services Agreement (Agreement) shall remain unchanged and in effect.

**1. ADDITIONAL WORKING DAYS:**

Badlands Service C-2, Working Days, is amended by increasing the total amount of working days to 265.

**2. COMPENSATION**

Provision 4, Compensation, is amended by increasing the total amount of compensation paid to the Consultant. The Consultant will be compensated only for the days worked and laboratory tests performed as authorized and verified by the Department. Rendered QA/QC services will be paid based on 2014 rates in accordance with Addendum #4 for Tasks 1 and 2 as summarized in the table below.

**Service C-2 Badlands Project**

Service C-2 Task	Daily Rate	Maximum Total Cost
Task 1 – Construction Observation and Field Testing	\$1,076.74	\$59,220.70
Task 2 – Project QA/QC Management and Reports	\$188.83	\$10,385.65

Total: \$69,606.35

The anticipated total cost for Service C-2, Badlands Construction QA/QC Services, will increase by \$69,606.35 from a subtotal of \$343,152 to \$412,758.35. The total cost of the Agreement will increase from \$863,637.37 to \$933,243.72.

3. SIGNATURES:

IN WITNESS WHEREOF, the parties hereto have caused this Amendment to Agreement to be duly executed this day and year first above written.

RIVERSIDE COUNTY WASTE  
MANAGEMENT DEPARTMENT  
14310 Frederick Street  
Moreno Valley, CA 92553

GEOSYNTEC CONSULTANTS.  
2100 Main Street, Suite 150  
Huntington Beach, CA 92648

Dated: \_\_\_\_\_

Dated: \_\_\_\_\_

By: \_\_\_\_\_

Hans Kernkamp,  
General Manager-Chief Engineer

By: \_\_\_\_\_

Title: \_\_\_\_\_

FORM APPROVED COUNTY COUNSEL

BY:

NEAL R. KIPNIS

DATE