



**Fourth Amendment to Contract No. 017-A-09/10-BOS
Between the County of El Dorado and
Geosyntec Consultants, Inc**

THIS THIRD AMENDMENT TO CONTRACT No. 017-A-09/10-BOS made and entered between the County of El Dorado, a political subdivision of the State of California (hereinafter referred to as "County"), and Geosyntec Consultants Inc., duly qualified to conduct business in the State of California, whose principal place of business is 1111 Broadway Street, Sixth Floor, Oakland, CA 94607 (hereinafter referred to as "Consultant") hereby amends the Contract as follows:

WITNESSETH

WHEREAS, County has determined that based on the site conditions and the extent of work that was not included in the Final 100% Remedial Design provided to the County by the Forest Service, the fee schedule shall be revised; the parties hereto have mutually agreed to amend Article V.

NOW, THEREFORE, County and Consultant mutually agree that Contract No. 017-A-09/10-BOS be amended a fourth time as follows:

ARTICLE V

Compensation for Services:

- A.** For services provided herein, County agrees to pay Consultant by tasks, upon receipt of itemized invoices detailing a description of work performed. Payments shall be made within sixty (60) days following County's receipt and approval of invoices. For the purposes hereof, the billing rate shall be in accordance with Exhibit A marked "Fee Schedule – Effective 4/1/12 to 12/31/12" attached hereto and incorporated herein.
- B.** The total payment pursuant to this Agreement shall be amended to increase the total amount by **Seventy Six Thousand Eight Hundred Twenty One dollars (\$76,821)**. The total payment under this Agreement to Consultant **SHALL NOT EXCEED Seven Hundred Eighty Two Thousand Three Hundred Seventy Three dollars and Two cents (\$782,373.02)**.

All other sections of the Contract No. 017-A-09/10-BOS, dated the 7th day of June, 2010, the First Amendment made and entered into the 29th day of June, 2010, the Second Amendment made and entered into the 14th day of December, 2010, and the Third Amendment made and entered into the 15th day of December, 2011 shall remain unchanged and in full force.

REQUESTING DEPARTMENT CONCURRENCE:

By: _____ **Dated:** _____
Gerri Silva, M.S., REHS
Environmental Management Director

IN WITNESS WHEREOF, the parties hereto have executed this Fourth Amendment to Contract No. 017-A-09/10 BOS the day and year last below written.

- - COUNTY OF EL DORADO - -

Dated: _____

By: _____
John R. Knight, Chair
Board of Supervisors
County of El Dorado

ATTEST:

Dated: _____

By: _____
Clerk of the Board of Supervisors

- - CONSULTANT - -

Dated: _____

By: _____
Dr. Patrick C. Lucia, P.E., G.E., Principal
Geosyntec Consultants, Inc.

Table 1
COST ESTIMATE FOR 2012 CQA SERVICES and AIR/NOISE MONITORING
LANDFILL CLOSURE CONSTRUCTION
MEYERS LANDFILL OU-1
El Dorado County, California
23 February 2012

ITEM	UNIT	UNIT RATE	NUMBER	UNADJUSTED COST	MARK-UP	ADJUSTED TOTAL	
TASK 1 - CQA FIELD SERVICES							
1.01	CQA Officer	hour	\$ 167.12	40	\$6,685	1	\$6,685
1.02	Assistant CQA Manager	hour	\$ 130.78	60	\$7,847	1	\$7,847
1.03	CQA Field Manager	hour	\$ 77.50	516	\$39,990	1	\$39,990
1.04	Per Diem - CQA Field Manager	day	\$ 40	50	\$2,000	1	\$2,000
1.05	Lodging/Utilities (All Personnel)	day	\$ 120	70	\$8,400	1	\$8,400
1.06	Vehicles/Fuel	day	\$ 100	52	\$5,200	1	\$5,200
1.07	Nuclear Density Gauge	week	\$ 210	4	\$840	1	\$840
1.08	Miscellaneous (Shipping, Supplies, etc.)	lump	\$ 1,000	1	\$1,000	1	\$1,000
Total Task 1						\$71,962	
TASK 2 - LABORATORY TESTING							
2.09	Geotechnical Laboratory Testing	lump	\$ 1,480	1	\$1,480	1.1	\$1,628
2.10	Agronomy Tests	lump	\$ 975	1	\$975	1.1	\$1,073
2.11	Geosynthetics Laboratory Testing	lump	\$ 135	1	\$135	1.1	\$149
Total Task 2						\$12,187	
TASK 3 - CQA REPORT							
3.12	Principal	hour	\$ 202.28	10	\$2,023	1	\$2,023
3.13	CQA Officer	hour	\$ 167.12	36	\$6,016	1	\$6,016
3.14	Assistant CQA Manager	hour	\$ 130.78	66	\$8,631	1	\$8,631
3.15	CQA Field Manager	hour	\$ 77.50	30	\$2,325	1	\$2,325
3.16	Technical Word Processor	hour	\$ 65.10	10	\$651	1	\$651
3.17	CADD Designer	hour	\$ 102.90	20	\$2,058	1	\$2,058
3.18	CADD System	hour	\$ 12	20	\$240	1	\$240
3.19	Miscellaneous (Reproduction, Shipment, etc.)	lump	\$ 2,250	1	\$2,250	1	\$2,250
Total Task 3						\$24,194	
TASK 4 - PROJECT MANAGEMENT/ADMINISTRATION/MEETINGS							
4.20	CQA Officer	hour	\$ 167.12	112	\$18,717	1	\$18,717
4.21	Assistant CQA Manager	hour	\$ 130.78	60	\$7,847	1	\$7,847
4.22	Administrative Assistant	hour	\$ 60.59	24	\$1,454	1	\$1,454
4.23	Vehicle/Fuel	day	\$ 100	10	\$1,000	1	\$1,000
4.24	Miscellaneous	lump	\$ 500	1	\$500	1	\$500
Total Task 4						\$29,518	

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LANDFILL CLOSURE CONSTRUCTION
MEYERS LANDFILL OU-1
El Dorado County, California
23 February 2012

ITEM	UNIT	UNIT RATE	NUMBER	UNADJUSTED COST	MARK-UP	ADJUSTED TOTAL	
TASK 5 - AIR, NOISE, and STORMWATER MONITORING							
5.25	CQA Officer	hour	\$ 167.12	9	\$1,504	1	\$1,504
5.26	Assistant CQA Manager	hour	\$ 130.78	27	\$3,531	1	\$3,531
5.27	Field Monitor	hour	\$ 69.04	450	\$31,067	1	\$31,067
5.28	Rental Monitoring Equipment	month	\$ 3,200.00	2.5	\$8,000	1	\$8,000
5.29	Stormwater Sampling/Testing	event	\$ 4,250.00	1	\$4,250	1	\$4,250
5.30	Per Diem - Field Monitor	day	\$ 40	45	\$1,800	1	\$1,800
5.31	Offroad Vehicle/Fuel - Field Monitor	day	\$ 80	45	\$3,600	1	\$3,600
5.32	Miscellaneous Field Supplies	lump	\$ 100	1	\$100	1	\$100
Total Task 5							\$53,852
GRAND TOTAL							\$191,713

Notes:

TASK 1 - CQA FIELD SERVICES

- 1- Assumes 50 working days at 10 hours per day, or 500 onsite hours plus two 8-hr days for mob/demob for the CQA Field Manager. Actual costs will depend on the duration of construction.
- 2- Includes 4 hours per week for CQA Officer and 6 hrs per week for Assistant CQA Manager for 8 weeks for reviewing construction documentation (submittals, lab data, field reports, meeting minutes, etc.) and coordinating with the County, contractors, field personnel, and laboratories.

TASK 2 - LABORATORY TESTING

- 1- Geosynthetic laboratory testing to be performed by Precision Geosynthetic Laboratory in Anaheim, California.
- 2- Geotechnical and concrete laboratory testing to be performed by Sierra Testing Laboratory in El Dorado Hills, California.
- 3- Assumes laboratory testing to be conducted under a subcontract agreement with Geosyntec Consultants.
- 4- Additional testing may be required if additional specifications are issued by the Design Engineer and/or construction quantities increase.
- 5- Agronomy testing for approximately 13 acres of vegetative soil layer only. Additional testing may be required if construction area increase.

TASK 3 - CQA REPORT

- 1- Includes 4 hard copies of the Draft Report and 10 copies (hard copies and electronic) of the Final Report will be submitted to the County.

TASK 4 - PROJECT MANAGEMENT/ADMINISTRATION/MEETINGS

- 1- Assumes 1 onsite kick-off meeting and 8 onsite progress meetings (including Final Sitewalk) attended by the CQA Officer. Assumes Assistant CQA Manager to attend weekly meetings by teleconference.

TASK 5 - AIR, NOISE, and STORMWATER MONITORING

- 1- Assumes 45 working days at 10 hours per day, or 450 hours for the Field Monitor. Actual costs will depend on during of construction.
- 2- Includes 1 hour per week for CQA Officer and 3 hours per week for Assistant CQA Manager for 9 weeks for data review and coordinating with the County, contractors, and field personnel.
- 3- Rental equipment includes two PM10 dust meters, two noise dosimeters, and one weather station.
- 4- Stormwater lab testing includes tests for 1 stormwater sampling event. Additional testing will depend on the stormwater management and weather conditions at the time of construction.