

May 26, 2022  
File No. 01214263.16

Mr. Lars Ewing  
Lake County Public Services Department  
333 North Second Street  
Lakeport, California 95453

Subject: **Proposal Amendment for Additional Professional Services  
Phase 1 Construction Documents – Landfill Expansion  
Eastlake Sanitary Landfill, Lake County California**

Dear Mr. Ewing:

SCS Engineers (SCS) is submitting this proposal amendment to provide additional professional services for Phase 1 of the landfill expansion of the Eastlake Sanitary Landfill, Clearlake, California (Landfill). You have requested that SCS prepare contract specifications, in addition to our current contracted tasks described in current contract dated November 23, 2021. This proposal also included additional engineering services for the design of the geogrid reinforced slopes for the steep perimeter haul road section as discussed in our monthly conference call on May 16, 2022. The following is a scope of work to provide the requested additional services.

## SCOPE OF WORK

### Task 2b Addendum – Prepare Contract Specifications

SCS will prepare a set of contract specifications as defined by MasterFormat Division 1 – General Requirements, in addition to the already contracted construction specifications used in the construction of Phase 1. The Division 1 specifications are anticipated to include the following sections:

- Summary of Work.
- Start Up
- Project Meetings.
- Surveying
- Project Records
- Health and Safety.
- Submittals.
- Measurement and Payment.
- Construction Quality Control
- Quality Control Testing
- Cleaning and Cleanup
- Temporary Facilities and Controls.
- Storage and Protection of Material
- Project Closeout.



This task includes one revised submittal based on County corrections requested. Additional revisions can be provided at an additional fee with prior approval.

## Additional Task 2g – Geogrid Stabilization Design

SCS will prepare a set of contract drawings for the geogrid stabilization design for the steep section of the perimeter haul road along the eastern Phase 1 and Phase 2 boundaries. The design drawings will include:

- Design and Construction Notes
- Plan View
- Elevation view
- Typical Cross Section
- Typical Details and Installation Details

The design will include evaluation of static and seismic (if applicable) limit states for the following scenarios:

- Internal and Compound Stability
- External Stability (i.e. base sliding)

This task includes one revised submittal based on County corrections requested. Additional revisions can be provided at an additional fee with prior approval.

## SCHEDULE AND COST ESTIMATE

SCS will provide the above scope of services for a not-to-exceed cost of \$7,400, to be billed on a time-and-materials basis. A worksheet with estimated staff hours and hourly rates is provided in **Attachment 1**. The Division 1 specifications and geogrid stabilization design will be completed in accordance with the schedule detailed in the November 23, 2021 contract agreement.

## CONTRACT TERMS AND CONDITIONS

The work will be performed in accordance with our existing agreement with the County dated November 23, 2021. We propose to submit monthly invoices on a time and materials basis with hourly rates as shown in **Attachment 1**.

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## CLOSING

If you have any questions regarding this submittal or desire any additional information, please contact the undersigned

Sincerely,

A handwritten signature in blue ink, appearing to read "Daniel Pelikan".

Daniel J. Pelikan, E.I.T.  
Senior Project Professional  
SCS Engineers

A handwritten signature in blue ink, appearing to read "Michael Bradford".

Michael Bradford, P.E.  
Senior Project Manager  
SCS Engineers

## Attachment 1

**Cost Estimate - Engineering Services**  
**Phase 1 Design Documents, Eastlake Landfill Addendum, Clearlake, California**

5/25/2022

SCS PERSONNEL	Task 2b Addendum	Task 2g	Total	Rate, \$/hr	Amount, \$
	Division 1 Specfications	Geogrid Stabilization Design			
Project Director	2	2	4	277	1,108
Senior Project Professional	8	4	12	204	2,448
Project Professional	1	0	1	158	158
Clerical/Administrative	1	1	2	124	248
Total Personnel (Hours):	12	7	19		
Total Personnel Per Task (\$):	2,468	1,494		Total, SCS Personnel: \$3,962	
OTHER DIRECT COSTS (ODC)					Amount, \$
Subcontractor - Tensar (Geogrid Design)		\$3,000			
Subtotal ODC (\$)		\$3,000			
Admin (15% ODC)		\$450			
Total Cost per Task (\$):	\$2,468	\$4,944	Subtotal		\$7,412
Total Cost per Task (\$, rounded)	\$2,500	\$4,900	TOTAL BUDGET ALLOCATION:		\$7,400