

LAKE COUNTY OFFICE OF EDUCATION  
Office of the Superintendent

Electrical Engineer Proposal from O'Mahony & Meyer  
To Provide Electrical Engineering Services for a Backup Generator System

**ISSUE**

A proposal from O'Mahony & Meyer to provide electrical construction documents, bid services, and engineering services in order to install a new emergency generator for LCOE Main.

**BACKGROUND/PREVIOUS BOARD ACTIVITY**

In preparation for PSPS (Public Safety Power Shutoff) the need for a backup generator system was part of Superintendent Falkenberg's Report on Emergency Readiness at the June 26, 2019 Board Meeting.

**DISCUSSION**

Our Project Consultant Michael Adams recommends LCOE bring on an electrical engineer to provide expertise on the project of installing a permanent generator that will provide backup power to the LCOE Main Street office. Our Project Consultant has successfully worked with O'Mahony & Myer on several large public school/college projects here in Lake County.

**FISCAL, STAFFING, AND FACILITIES**

Services provided by O'Mahony & Myer are part of the cost of the backup generator system and an improvement to the LCOE Main facility. The cost is not to exceed \$27,400.

**SUPERINTENDENT'S RECOMMENDATION**

The County Superintendent of Schools recommends approval of the proposal by O'Mahony & Myer.

Report prepared by: Rob Young, Emergency Preparedness and Special Projects Coordinator



**O'MAHONY & MYER**  
ELECTRICAL ENGINEERING & LIGHTING DESIGN

San Rafael, California  
Pacific Harbor, Fiji

Brian O'Mahony  
Jan P. Myer  
Paul Carey  
Pieter Colenbrander  
Galway O'Mahony  
David Orgish

**To:** Lake County Office of Education  
1152 South Main Street  
Lakeport, CA 95493

**Attn:** Robert Young

**From:** Paul Carey

**Re: PROPOSAL FOR ELECTRICAL ENGINEERING SERVICES  
TO FOR A NEW GENERATOR AT THE LAKE COUNTY  
OFFICE OF EDUCATION**

**Date:** July 2, 2019

Dear Robert,

Thank you for inviting O'Mahony & Myer to submit a proposal for Electrical Engineering services for the above project.

Following is our proposal for electrical engineering services:

**GENERAL PROJECT DESCRIPTION**

The Scope of Work proposed for this project is to provide electrical Construction Documents, Bid Services, and Construction Services for a new emergency generator at the Lake County Office of Education in Lakeport.

**ARTICLE 1: SCOPE OF WORK - ELECTRICAL ENGINEERING SERVICES**

**A. BASIC DESIGN SERVICES**

Construction Documents Phase:

- 1.1 Meeting to review project scope.
- 1.2 Site visit to determine existing conditions.
- 1.3 Specify new emergency generator to provide emergency power for the facility.

- 1.4 Prepare construction documents for the purpose of bidding including electrical drawings, single line diagrams and specifications.

**Bid and Construction Services Phase:**

- 2.1 Attend pre bid walk through with the contractors, and issue any bid addendum documents as required.
- 2.2 Review Electrical Shop Drawings.
- 2.3 Assist Owner in Generation of Clarifications.
- 2.4 Respond to Field Questions from Contractor & Inspecting Authorities.
- 2.5 Perform Jobsite visits (maximum two visits, including final review).
- 2.6 Generate Electrical Final Punch Letter.

**B. ADDITIONAL SERVICES**

1. Any other work not requested and not specifically included in the project description and scope of work.
2. Changes or revisions required as a result of change in the established Basic Design Services or in previously approved documents.
3. Redesign due to change of the Owners concept or in issued plans/drawings.
4. Preparation of models, mock-ups, renderings, etc.
5. Preparation of maintenance programs.
6. Meetings, other than Design Conferences covered above, with regulatory agencies, commissions, Owner Personnel, etc.
7. Preparation of Life Cycle Cost Analyses.
8. Design and documentation of Additive and Deductive Alternate Schemes.
9. Phasing of project.
10. Preparation of Equipment Pre-Purchase documents.

11. BID Document General Conditions and Bid Forms.
12. Permit applications to the local Air Quality Management District.
13. Cost Estimates.
14. Submittal of documents to the County for plan check, we assume this process will be done by Public Works.
15. Structural Engineering.
16. Fire alarm system design.
17. Lighting and Title 24.
18. Mechanical engineering for propane piping design.

**ARTICLE 2: PROPOSED FEES, BILLING RATES, AND CONDITIONS**

**A. PROPOSED FEES: ELECTRICAL ENGINEERING**

We propose to provide the above listed *Electrical Engineering* services for the following fees:

<b>Construction Documents Phase:</b>	<b>\$19,700</b>
<b>Bid Phase</b>	<b>\$ 2,200</b>
<b>Construction Phase:</b>	<b><u>\$ 5,500</u></b>
<b>Total Hourly Not To Exceed:</b>	<b>\$27,400</b>

Basic and Additional Services listed above will be billed on an hourly basis at the following rates:

Principal:	<b>\$210/hr.</b>
Engineer:	<b>\$140/hr.</b>
Designer:	<b>\$125/hr.</b>
Draftsperson I:	<b>\$ 95/hr.</b>
Administrative:	<b>\$ 75/hr.</b>

Billing will be submitted monthly, due and payable 30 days after date of invoice.

Thank you again for the opportunity to submit this proposal. Please give me a call if you have any questions.

Sincerely,

*Paul Carey*

**Paul Carey**  
**Principal**  
**O'MAHONY & MYER**