



GEOPHYSICAL
IMAGING
PARTNERS

Geophysical Imaging Partners Inc.
261 Gladys Dr.
Pleasant Hill, CA 94523

November 7, 2025

GIP Q23035 | LSCE 25-2-177

County of Lake
Water Resources Department
Attn: Stephen Carter
255 N. Forbes Street
Lakeport, CA 95453

SUBJECT: Cost Estimate to Provide AEM Surveys of Lake County Groundwater Basins (RFP No. 261451)

Dear Mr. Carter,

Geophysical Imaging Partners (GIP) and Luhdorff & Scalmanini Consulting Engineers (LSCE), the GIP Team, are pleased to submit this cost estimate for the Airborne Electromagnetic (AEM) Surveys in Lake County. As requested, our cost proposal is being submitted separately from our proposal.

The GIP Team cost proposal includes all anticipated project costs (labor, direct expenses, and subconsultant costs). It reflects the level of effort required to complete the Scope of Services outlined in the RFP. This estimate was developed based on our team's current understanding of the scope and supported by a clear set of assumptions, included herein for transparency and alignment of expectations.

The GIP Team views this fee estimate as a starting point for discussion and negotiation. If selected, we welcome the opportunity to refine both the scope of services and the fee estimate during contract negotiations. This ensures the proposed budget is fully aligned with the County's priorities, responsive to funding requirements, and flexible to adjust resources as project needs evolve. Please feel free to contact our proposed Project Manager, Ahmad-Ali Behroozmand, PhD, PGP, at 415.430.7173 or ahmad@geophysicalimaging.com should you have any additional questions about our cost estimate.

Sincerely,

Ahmad-Ali Behroozmand, PhD, PGP
Senior Geophysicist | Co-founder
Geophysical Imaging Partners

Eddy Teasdale, P.G., CH.G
Principal Hydrogeologist | Vice President
Luhdorff & Scalmanini, Consulting Engineers

3. Cost Proposal

The GIP Team will provide these services in accordance with the attached detailed cost estimate, invoiced monthly on a time-and-materials basis. The estimated cost of providing engineering and field services is shown in **Table 1** below. This summary includes Consultant labor and direct expenses for each task.

If directed to deviate from the approved scope of work, the GIP Team will provide notification of any potential changes in the estimated cost or schedule prior to proceeding. The Consultant will not perform work beyond the authorized scope or budget without written approval from the County. Any services outside the scope of the detailed cost estimate will be billed at GIP’s standard rate or the applicable LSCE rate shown in the attached *2025 Schedule of Fees – Engineering and Related Field Services*.

Table 1. Estimated Project Budget		
Tasks	Level of Effort, hours	Estimated Budget, dollars
Task 1. Hydrogeologic Data Compilation		
Task 1.1 Dataset Compilation	85	\$16,316
Task 1.2 Database Development	79	\$14,536
Task 2. Planning and Execution of AEM Surveys		
Task 2.1 Survey Planning	24	\$5,590
Task 2.2 Survey Execution	9	\$156,054
Task 3. Data Assimilation, AEM Processing, and Inversion		
Task 3.1 Data Processing	224	\$49,840
Task 3.2 Preliminary Analysis	122	\$23,266
Task 3.3 3D Hydrogeologic Conceptual Model (HCM)	48	\$10,080
Task 4. Reporting and Presentation		
Task 4.1 Report Preparation	101	\$19,336
Task 4.2 Presentation	23	\$4,982
Total Project Hours and Budget	715	\$300,000