

Job Description: Electrical Engineer Senior Consultant or Manager

Position Type: Full Time

Office Location: Bethesda, MD (open to discussion)

About K&M Advisors

K&M is an internationally recognized energy advisory firm. Since its creation in 1987, K&M has advised investors, multilateral agencies, and governments on developing power projects that have improved the lives of millions of people in more than 50 developing countries in Latin America, Africa, and Asia.

K&M seeks a full-time electrical engineer to join its Technical Services practice as a Senior Consultant or Manager. This position will provide great exposure to all areas of K&M's technical consulting services, including feasibility studies, technical due diligence, design review, conceptual design, and business development activities. As the company grows, the position is expected to move into a significant role within the firm and potentially a new practice.

The responsibilities of this role include:

- Conceptual design and feasibility analysis of utility-scale solar PV and BESS systems, including site selection and analysis, technology and configuration analysis and selection, cost estimates, and connection analysis
- Least-cost optimization analysis using simulation packages like HOMER and others
- Electricity generation forecast using packages like PVSyst and others
- Draft technical specifications for EPC or PPA contracts for solar PV and BESS systems
- Design document review and construction supervision of solar PV or BESS systems
- Technical due diligence of Solar PV and BESS systems under development or in operation
- Prepare expressions of interest, pitchbooks, proposals, marketing documents, and other documents

Qualifications

The ideal candidates should have the following:

- A bachelor's or master's degree in electrical engineering or a similar field
- At least four years of experience in the areas of responsibility described above, including experience as an advisor or consultant
- Excellent written and verbal English communication skills
- Ability and willingness to travel overseas to developing countries for short-term assignments. Travel may be up to 25%.

Only applicants with valid work authorization in the U.S. will be considered.

Benefits

- Office located two blocks from the metro in downtown Bethesda
- Generous leave plan including 11 holidays per year, five sick days, and 15 days of vacation, increasing to 22 with years at the firm
- Health and dental insurance for employee and family (Company pays 2/3 of the premium), company-paid life, and short-term and long-term disability insurance
- 401k with generous company match

To Apply

Send the following materials to careers@km-advisorsllc.com:

- Cover letter – include “Electrical Engineer” in the subject
- Resume