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Job Description: Electrical Engineer

Position Type: Full Time

Office Location: Bethesda, MD

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 the development of power and water projects that have improved the lives of millions of people in more than 50 developing countries in Latin America, Africa, and Asia.

K&M is looking for a full-time Electrical Engineer for its Technical Services practice. 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 participation in business development activities. As the company grows, the position is expected to move into a significant role in our Technical Services practice.

The responsibilities of this role include:

- Participate in analysis or conceptual design of conventional and renewable power plant electric systems
- Design document review
- Prepare technical review reports
- Draft and/or review technical sections of Power Purchase Agreements, Engineering-Procurement-Construction Contracts, and other contracts associated with power projects
- Provide necessary home office technical support to site engineers
- Participate in power projects' due diligence reviews and write due diligence reports
- Contribute to service proposals, marketing documents, and other documents

Qualifications

The ideal candidates should have the following:

- A degree in electrical engineering or related field;
- A Master's degree or certificate in Renewable Energy, PV Solar, Energy Storage, or Mini-grids technologies.
- At least 2 years of experience in electrical engineering aspects of design or operation of electricity generating plants, transmission and/or distribution networks or large infrastructure facilities such as oil refineries or LNG terminals
- Experience in engineering and design of conventional and/or PV solar or other renewable energy projects is strongly preferred. Experience with preparation or evaluation of grid studies is a plus.



- Excellent written and verbal English communication skills
- Ability to work both as a team member and independently
- Ability to read and understand engineering drawings
- Ability and willingness to travel overseas to developing countries for short-term assignments. Travel may be up to 25%.
- Strong interest to learn about other areas of technical consulting and tenacity to take on and master new challenges

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

Benefits

- Office located 2 blocks from metro in downtown Bethesda
- Generous leave plan including 10 holidays and 15 days of vacation to start
- Health and dental insurance + company paid life insurance, short term and long term disability
- 401k with company match

To Apply

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

- Cover letter – include “Electrical Engineer” in the subject
- Resume
- Writing sample – please include technical writing sample of no more than 3 pages