Offer: Professional Internship (1)

Position: Solar Project Coordination Intern (1)

Host Company Name: East African Power Ltd

Address:

KG 632 St, No. 1 Kimihurura, Kigali, Rwanda

Duration: 6 months

Professional Internship Start Date: November 4, 2024

Monthly Stipend given to professional intern:

- 100,000 Frw covered by EPD

Priority: Fresh Graduates: (Not more than 2 years sharp after graduation)

Note: Female are also encouraged to apply

About the Host Company: Visit their website: https://www.eastafricanpower.com/

Posision Overview:

EAP provides EPC services for Solar PV installations to several companies and individuals in East and Southern Africa and is building a capable team for coordination and implementation of those projects. The intern in capacity of Solar Project Coordination will work under the supervision of the Solar Project Engineer, to prepare and study technical drawings, specifications of electrical systems, supervises installation work to ensure that installation and operations conform to standards and project requirements; He/She will work with other engineers and clients to improve or develop solar solutions.

Key responsibilities:

- Supporting project engineers and Solar Director on the implementation of solar EPC contracts in Rwanda;
- Assisting solar project engineers to perform a wide range of engineering tasks during project design, from specification of the system, site visit (all around Rwanda), reporting on site visits, preparation of bill of quantities (BOQ), project schedule and resource planning ;
- Ensure that all electrical systems comply with relevant standards and safety regulations.
- Perform power systems analysis, including load forecasting, fault analysis, and system optimization.
- Develop skills on the use of electrical design software to produce single line diagrams and project project planning software (PVSyst, QElectrotech, Autocad, icrosoft Project, Excel, etc…);
- Supporting the procurement process of tools and materials by specifying products.

- Supporting the Solar Project Engineer during construction and commissioning of projects to ensure that installations are conform to standards (IEC, national grid code, etc…) and client requirements;
- Supporting the solar team to continuously improve engineering, procurement & construction standards based on lessons learned following completion of each project;
- Maintain electrical equipment;
- Working with a variety of technicians;
- Any other related assignment requested by direct management

Skills & Qualifications:

- Master's degree in Electrical Power Systems, or Bachelor's degree in Electrical Engineering, or Advanced Diploma in Renewable Energy Technology, or a related field.
- Some experience in solar PV installations and in using required software (PVSyst, QElectrotech, Autocad, Microsoft Project, Excel, etc…);
- Some practical experience in utility-scale and/or large-scale C&I project design and engineering.
- Understanding of design and installation process of solar PV systems (on-grid and off-grid);
- Understanding of electrical engineering codes and safety standards;
- Enthusiasm and Good technical abilities;
- Innovation and teamworking skills but also the ability to work independently;
- The ability to work well under pressure;
- Attention to detail and problem solving skills;
- Strong organizational and communication skills;

Benefits:

- Hands-on experience in cutting-edge renewable energy projects.
- Mentorship from experienced professionals in engineering field.
- Opportunities for professional development and networking.
- Work on impactful projects focused on sustainability and renewable energy.
- Potential for long-term career opportunities within the company upon successful completion of the internship. (e.g: Job, etc)

Application:

- **Application Deadline:** October 22, 2024
- **Apply Here**

Candidate selection & date:

- Shortlisted : October 23-24, 2024.
- Interview call & confirmation email: October 25, 2024
- Interview Period: 28th-31st October, 2024
- Onboarding: November 4, 2024.