**Green Cat Renewables Job Advertisement – Electrical Engineer**

Location: Edinburgh

(Stobo House, Midlothian Innovation Centre, Roslin) or Glasgow City Centre

**The Company**

Green Cat Renewables (GCR) is a dynamic, innovative company that provides the complete range of technical services required to deliver renewable energy projects. The team of over 80 Engineers and Environmental Consultants deliver projects on behalf of clients from three offices in Edinburgh, Livingston and Biggar. GCR also works closely with its three sister companies Green Cat Contracting and Green Cat Hydrogen based in the UK and Green Cat Renewables Canada based in Calgary.

Through the Engineering Department the company provides Client’s Engineer and Project Management services to clients developing renewable energy projects. This includes: civil and electrical design; procurement; project finance technical assistance; contract preparation, negotiation and management; site supervision; civil and electrical commissioning inspections; as well as complete project management.

Green Cat Renewables requires an Electrical Engineer to join the Engineering Team in Edinburgh or Glasgow.

**The Role:**

* Undertake design work and design reviews by internal and external stakeholders.
* Active problem solving with various project stakeholders (Clients, Network Operators, technology suppliers’, contractors) to manage and mitigate renewable projects’ electrical elements.
* Providing electrical input (reviewing and approving) and managing Balance of Plant Contractors, ICP and Suppliers, including associated Agreements and Contracts.
* Preparation and review of electrical scopes of work and specifications for tendering.
* Review of electrical designs by contractors and EPCs.
* Providing electrical assistance to Project Managers in relation to electrical works (contracts, quality, programme, resourcing, budgeting).
* Electrical technical assistance across GCR’s departments.

**The Candidate:**

*Essential*

* Minimum BEng or equivalent degree in Electrical Engineering.
* 3+ years’ experience working in the renewable and/or power generation industry, knowledge of inverter-based generation.
* 3+ years’ experience on managing renewable projects’ electrical elements and respective teams.
* Performing sizing calculations for electrical equipment.
* Preparing Single Line, interconnection wiring and schematic Diagrams for Low and Medium Voltage systems.
* Preparing cabling layouts and schedules.
* Ability to evaluate suppliers’ bids and contractors’ proposals technically and commercially.
* Ability to review and interpret supplier drawings and incorporate supplier information into the electrical engineering deliverables.
* Knowledge of the UK Grid Code and ENA G99 engineering requirements.
* Understanding of relevant standards and recommendations such as ENA TS 41-24, P28, P29 and G5.
* Software based modelling and simulation in some or all ETAP/PSCAD/PSSE/DigSILENT/CDEGS.
* Proactive, adaptable mind-set with a willingness to work independently or as part of a team.
* Excellent attention to detail and organisational skills with ability to manage conflicting deadlines.

*Desirable*

• MEng or MSc degree in Electrical Engineering.

• 5+ years’ experience working in the renewable and/or power generation industry, knowledge of inverter-based generation.

• 5+ years’ experience on managing renewable projects’ electrical elements and respective teams.

• Chartered Electrical Engineer status.

• Valid Driving Licence and willingness to travel when required.

• Knowledge of North American (Canada / USA) Electrical codes/standards is an asset.

**Benefits:**

* Competitive salary
* 25 Days annual leave and 8 flexible bank holidays
* Private Medical Healthcare
* Cycle to work scheme
* Professional development opportunities and support.
* Professional fees paid for by the company.
* Company social events and team building days.
* On-site parking with EV charging points available to staff.

To apply please send a full CV and covering letter to jobs@greencatrenewables.co.uk .