Green Cat Renewables Job Advertisement – Electrical Compliance Engineer

Location: Edinburgh (Stobo House, Midlothian Innovation Centre, Roslin)

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 55 Engineers and Environmental Consultants deliver projects on behalf of Clients from three offices in Edinburgh, Livingston and Biggar.

The company provides Engineering Consultancy and Project Management services to renewable and conventional energy projects. This includes: civil and electrical design, procurement, contract management, site supervision, civil, mechanical and electrical inspections, and construction services.

Green Cat Renewables requires an Electrical Compliance Engineer to join the Engineering team in Edinburgh:

The Role
• Undertaking electrical feasibility assessments, including thermal and voltage calculations, to connect new generation to the network.
• Initial design of electrical infrastructure including preparation of Single Line Diagrams.
• Preparation, compilation and submission of distribution and transmission grid applications. Liaison with network operators to ensure grid connection is progressed in accordance with project’s programme.
• Active problem solving with network operators to mitigate and minimise grid connection constraints.
• Managing Grid Code and G99 compliance processes for distribution and transmission connections.
• Providing electrical input into Balance of Plant and Turbine Supply Agreement Employers’ Requirements.
• 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 onsite works and construction programme.
• Electrical technical assistance across GCR’s departments.

Essential Skills and Experience
• Minimum BEng or equivalent degree in Electrical Engineering.
• 2+ years’ experience working in the renewable and/or power generation industry, and knowledge of renewable generation operation.
• Ability to undertake basic thermal, voltage, losses, short-circuit and fault level calculations.
• Ability to interpret and produce Single Line Diagrams.
• Familiarity with the UK Grid Code and G99 engineering requirements and compliance processes.
• Understanding of relevant standards and recommendations such as TS 41-24, P28, P29 and G5.
• Understanding of the key considerations of electrical design reviews.
• Experience liaising with network operators to progress connection applications and SoW processes.
• 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.
• Valid Driving License and willingness to travel within the UK when required.

Desirable Skills and Experience
• MEng degree in Electrical Engineering.
• Chartered Electrical Engineer status.
• Familiarity with power system modelling and simulation software such as: ETAP, SKM, DlgSILENT is an asset.
• Familiarity with other electrical drawings / documents such as: wiring/schematics, control diagrams, protection settings, signal lists...etc.is an asset.

To apply please send a full CV and covering letter to jobs@greencatrenewables.co.uk by the 7th August 2020.