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COMPUTER AIDED DESIGN DESIGNER

Conrad Energy is a UK energy company founded in 2017. Our focus is on assisting the renewable energy transition by developing embedded, decentralised, and localised generation. This is currently in the form of flexible gas peaking plants, grid-connected batteries, and other forms of energy storage and grid support.

Phase two of our growth plan will expand to behind-the-meter generation, solar and onshore wind projects. We operate our own trading desk and provide third-party energy management services, energy supply to large consumers and route-to-market power purchase agreements (“PPAs”) for other industry participants.

Presently, Conrad has over 400MW of operational flexible assets generating across over forty sites within the UK. This will grow to over 1000MW by the end of 2021 and we have a further pipeline of projects totalling 800MW that are in the late stages of development or about to enter construction.

Over the last 3 years, the company has expanded from a small single office base to running dual offices in Abingdon (Head Office) and Barnsley (Construction and Operations) alongside thirty operational sites and numerous others spread across England in various states of construction.

Conrad Energy is supported by I Squared Capital, a US-based investor in energy and infrastructure with \$14bn under management, around half of which is in renewable technologies.

Duties and responsibilities:

- Develop and produce site designs drawings to a professional standard through the development process up to the start of construction, and any planning amendments after construction has been completed. Workload will involve:
- Design of preliminary planning layouts for gas peaking power generation plants; battery storage plants; hydrogen production hubs as well as solar plants/farms
- Design/update of planning drawings for submission, and during the Planning phase
- Design/update of drawings for sites in the pre-construction phase
- Design/update of legal drawings
- Manage own design/drawing workload; reporting to the Design and Process Manager in liaison with the Head of Portfolio Delivery
- Provide assistance to the Design and Process Manager in the management of the design workload as well as related changes through the development process.
- Attending/leading internal design meetings
- Attending sites to assess buildability and to check sites are built to drawing designs



- Work to produce drawings and designs that are suitable for construction, and can meet buildability and health and safety design standards.
- Engage in the continual improvement of the Design Process, in consultation with the Design and Process Manager; Head of Portfolio Delivery and wider teams as appropriate
- Implement industry-standard drawing registers and internal as well as external transmittals

Candidate requirements

- Proficiency in AutoCAD drawing application
- Experience in implementing industry-standard drawing registers, and transmittal processes
- Experience in energy generation design projects is desirable, however, training will be provided for the right candidate.
- Ability to work on multiple projects simultaneously and to a high standard
- A team player with good communication skills and the ability to liaise across Development, Construction and Operational departments
- Well organized, efficient; takes initiative and works to tight deadlines.
- Full UK driving license and ability to travel
- Competent knowledge of Excel, Word and other Outlook applications.
- Knowledge and understanding of CDM 2015 regulations
- Knowledge and competence of any 3D software applications like AutoCAD-3D; Autodesk Revit; Inventor; 3D-Solids would be advantageous
- Some knowledge and understanding of the planning process would be useful
- Educational qualification/training that covered engineering or design technology is preferable.

Benefits

- Competitive salary dependent on experience
- Discretionary performance-based bonus
- 25 days' annual leave plus bank holidays
- Contributory Pension Scheme
- Life Insurance
- Flexible working
- Training and Development
- Salary sacrifice EV scheme

More information can be found at www.conradenergy.co.uk
