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COMMISSIONING MANAGER

We are looking for an experienced commissioning manager with experience of reciprocating gas engines to join our expanding team, The role provides a great opportunity to join the largest operator of flexible gas peaker assets in the UK. The successful candidate will support our continued growth by helping the team bring more plants into operation over the coming years, supporting our continued growth and ambitions of Conrad Energy as a whole.

Applicants will need to hold a driving licence and have the ability to travel as our sites are across the UK.

About Conrad Energy Ltd

Conrad Energy is the power company of the future, supporting critical national infrastructure through delivering flexible generation when it is needed most in support of a low carbon power grid dominated by renewable energy. Our growing team also deliver optimal power solutions for corporate clients from a range of complementary technologies and apply strategies tailored to customer requirements.

Radically transforming the way the energy market works, Conrad Energy is the largest provider of flexible generation in the UK. We now have a combined installed capacity of 600MW across 45 sites with over 100 experts dedicated to supporting critical national infrastructure and the UK's energy transition to a low-carbon economy.

A full-service Independent Power Producer (IPP), Conrad Energy is focused on meeting the growing demand for balancing services in the UK electricity market through the development, construction and ownership of natural gas fired peaking engine plants and battery storage systems. The management team has vast experience in this field, and we have strong financial backing to grow a premier generation business.

We are based in Abingdon, Oxfordshire and our projects cover the UK.

Main Job Tasks and Responsibilities

Principal Responsibilities:

- Managing a team of M&E commissioning contractors to facilitate the smooth delivery of a typical gas peaking plant through commissioning to full operational use and remote dispatch via the Conrad Energy control and trading desk. Working closely with the Construction Team and Operations Team and Engine Packaging Manager to provide the main interface during commissioning, performance testing and infant operation of plants.
- Ensure commissioning process is undertaken thoroughly and in accordance with Conrad commissioning check list. This includes functional testing, certification, and documentation of all mechanical and electrical systems.
- Full handover of engineering packages and supporting documentation to operations such as engine packages, control systems, HV / LV switchgear, and other auxiliary systems.

- Management of external Conrad IT resources required for firm industrial communications such as telecoms providers, IT technicians, server consultants and SCADA software providers.

Reporting Relationships:

Responsible to: Head of Operational Support

Responsible for:

- Managing commissioning activities across the group.
- Performance testing and handover of plants to Operations.
- Ensuring SCADA screen information is accurate and relevant.
- HV and LV systems handover to operations.

Key Job Elements:

1. To carry out all your duties with health and safety as number one priority. Responsibilities for your own Health and Safety, for the Health and Safety of your work colleagues and any others who may be affected such as contracted parties.
2. Assist in the implementation of processes for safe delivery, commissioning, and operation of specific projects alongside the Construction Team and Operations Team, to include project management, document control and business management systems at the direction of the Head of Operations Support.
3. Work closely with the Construction Manager, Operations Team & Engine Packaging Manager to raise and resolve quality issues.
4. Ensure personal and team delivery of commissioning activity is in accordance with agreed timescales and costs and quality and in full compliance with the project delivery management systems.
5. Work closely with the Head of Operational Support, Operations Team and Construction Team to ensure stakeholders are well informed on site progress, timescales and potential problems / changes.
6. Good communication and management of information from specific sites to internal and external stakeholders.
7. Assist in the management of external contractors and suppliers, including reviews on performance and quality of work.
9. Adherence to all Company Policies & Procedures (including but not limited to) those specified in the Employment Handbook, H&S Policy, Environmental Management Systems, Integrated Management Systems and any financial/accounting systems.
10. Ensure that all projects managed are compliant with planning requirements, environmental permits and current H&S legislation, including the CDM Regulations (acting in the role as Client) but encompassing all applicable elements of legislation affecting the project.

Knowledge

Essential:

Internal combustion engine and M&E background with sound principle level understanding of PLC's, SCADA and Industrial Communications Systems.

Desirable:

Experience of delivering and constructing, commissioning and operating a scalable portfolio of MWM, Jenbacher, Siemens, MTU, Cummins or CATERPILLAR reciprocating gas engines.

Skills

Essential:

Problem solving.

Ability to work under pressure and meet constantly changing deadlines.

and priorities.

Good written and numerical skills, IT literate and highly credible.

Desirable:

Detailed working knowledge of industrial communication systems, including PLC's and SCADA applications.

Experience of managing HV electrical systems.

Experience

Essential:

Proven track record and relevant experience of the following.

Managing the commissioning of gas reciprocating technology, with a strong focus on site control systems such as HMI panels.

Read and interpret contractor electrical EC&I schematics and be able to create EC&I termination schedules to allow technicians to terminate field cabling at key areas of plant e.g HMI panel, gen set package and oil tanks.

Desirable:

Experience of working/switching HV competently at AP or SAP level.

Knowledge of industrial communications such as remote access software required for site level devices such as PLC's, engine controllers and other IoT devices.

Qualifications

Essential:

Sound educational background (up to ONC level or equivalent) in a relevant discipline such as Electrical or Mechanical Engineering.

Full driving licence.

Desirable:

HNC/HND in Mechanical or Electrical. Membership of a relevant institute NEBOSH General Certificate Authorised Person.

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

Please send your covering letter and CV to recruitment@conradenergy.co.uk