

## Lead Hardware / Electrical Engineer (Energy)

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Company: Rubicon Consulting

Location: Stone

Category: architecture-and-engineering

Rubicon Consulting is currently recruiting for a Lead Hardware / Electrical Engineer on a Permanent Basis, based in Staffordshire.

This position would suit someone who has a good grounding in at least one of the following areas:-

Electrical Engineering,

Control Panel Design and Build,

E & I Installation,

and who enjoys working in an engineering environment, who is keen to become involved in all aspects of a project and is keen to learn and develop new skills as part of an experienced and committed team.

### Role Summary

- \* Lead and drive the project team
- \* Review and approve designs developed by the team
- \* Ensure compliance of the team to agreed procedures/methods and standards with engineering design responsibilities.
- \* Interpret and verify customer supplied data, specifications and drawings.
- \* Lead/Produce system designs from customer supplied information
- \* Lead the Creation/modification of Design Packs including system drawings, general arrangements, schematics & wiring diagrams, site cable drawings etc.
- \* Produce client design documentation and test documentation
- \* Producing all necessary documentation to support the production of the systems such as

FDS, Test Documentation, Manuals etc.

- \* Lead site surveys and assist in the preparation of Health and Safety Documentation
- \* Support Site acceptance testing/commissioning
- \* Support the production of tender documents and cost estimates.

#### Essential Skills

- \* Experience of/competent in control systems within the energy market (or similar utility)
- \* Experience of/competent in field cabling systems (P, Inst, Contr and comms) including surveying and identifying routes, cable calculations for sizing and earthing/protection
- \* Experience of/competent in control panel design incorporating PLC, I/O, Comms cards, UPS's etc
- \* Educated to at least degree level in relevant subject or HND with additional experience of at least 1 years post graduate experience or 6 years post HND experience on successful project implementation in the above areas of expertise
- \* Computer literate with Word, Autocad and Excel experience.
- \* Methodical approach to the interpretation of customer requirements and delivery of project documentation
- \* Understanding of Full Project Lifecycle.
- \* Hold a current full driving licence (UK or be able to easily convert to full UK)
- \* Must be willing to go for a basic disclosure Scotland check.

#### Desirable Skills

- Experienced in at least one of the following
- Rockwell ( Control Logix)
- Siemens (PC7S, TIA Portal)
- Schneider (M580, M340)
- Site Installation and Commissioning experience of control systems.
- Experience of Motor Control Centres – Specification, procurement, installation etc
- Good understanding of BS7671 IEE 18th Edition Wiring Regs
- Awareness of /understanding of DSEAR Regulations and Hazardous area applications.
- Awareness of /understanding of Functional Safety (IEC 61508/61511)
- Ability to work to deadlines and budgets.
- Familiarity with Databases

#### Personal Qualities

- Natural Leader

- Ability to Lead/work as part of a team.
- Ability to work well under pressure and to deadlines and to motivate others to achieve the same.
- Have excellent communication skills.
- Be flexible in their methods of working.

#### Benefits

- 25 days holiday plus bank holidays
- Flexible working
- Pension
- Life assurance policy
- Private health care
- Lifestyle screening
- Salary sacrifice programme
- Mental health assistance programme
- Cycle to work scheme
- Green car scheme
- Support in achieving professional engineer status (IEng, CEng) and professional memberships fees covered

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Generated on: 2024-04-30 by Expertini.Com