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| **Organisational Setup** |
| - Mode- Location:- Department:- Reporting line: | Full time, Permanent (37.5 hours) – Flexible WorkingBriggs of Burton plcSales and Pre-EngineeringLead Pre-Engineering Manager |
| **Job Focus** |
| An electrical/automation biased engineer responsible for establishing & interpreting customer requirements, developing designs and producing proposals, working collaboratively in a fast-paced environment in conjunction with other members of the Sales and Pre-Engineering team.At Briggs the emphasis is on the design and engineering of hygienic processes across our core sectors, including Brewing, Distilling, Food and Pharmaceuticals. These processes typically operate on a batch basis where safety, energy efficiency and cleanliness are critical. Our vision is to be the best in the world for safe, efficient, and sustainable liquid processing solutions.The role will also be to assist the Company and the Sales and Pre-Engineering Department specifically, to maintain our core values, “People first, Drive Sustainability, Customer Focused, Act with Integrity & Deliver Results”, to help meet annual performance requirements, and to contribute to the success of the business and wider Group as a whole. Adhering to the Terms and Conditions of Employment and Company Rules. |
| **Main tasks & responsibilities** |
| Thoroughly analyse customer enquiries and technical specifications related to motor control centres, control panels, remote I/O panels, network panels, electrical installations, instrumentation, automation hardware and software engineering.* Translate key requirements into feasible and innovative technical solutions, utilising your knowledge of industrial software engineering and/or electrical design principles.
* Collaborate with colleagues to define the scope of supply and works, ensuring alignment with customer requirements.
* Evaluate project feasibility, risks, and potential challenges to propose effective solutions.
* Prepare detailed Requests for Quotation (RFQs) based on project specifications and scope of work and liaise with suppliers to obtain quotes for materials, components, and services required for project implementation.
* Collate supplier quotations and analyse costs to develop accurate Summary of Estimate (SOEs) for proposed projects.
* Utilise cost estimation tools and methodologies to ensure competitiveness and profitability of proposals.
* Develop and write high-quality technical proposals and tenders, ensuring adherence to strict deadlines and client specifications.
* Act as a point of contact for customers and other business stakeholders, providing technical support, clarifications, and addressing enquiries throughout the proposal development process.
* Conduct occasional site visits, including overseas travel as required, to survey customer sites, discuss project requirements, and ensure alignment with proposed solutions.
* Stay updated on industry trends, emerging technologies, and best practices related to electrical and automation systems.
* Identify opportunities for process optimisation, value engineering, cost reduction, and efficiency improvements within the proposals engineering function.
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| **Desired Knowledge & Experience** |
| Bachelor's degree in electrical engineering, Computer Science, or a related field.OrMinimum 4+ years of experience in a similar role within a relevant industry sector. |
| **Professional experience:**Desired:* Experience working within a similar role.
* A background in electrical installations, electrical control systems and/or electrical CAD design, and instrumentation specification.

Beneficial* Experience with specific industrial software platforms advantageous e.g., PLC, HMI and SCADA
* Familiarity with network systems and protocols.
* Experience of process and hygienic engineering systems
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| **Technical skills:*** Strong understanding of electrical design principles and their application in industrial systems.
* Proficiency in reading technical drawings, schematics, and specifications.
* Good working knowledge of Microsoft Office (Excel, Word, Project, PowerPoint)
* Good awareness of AutoCAD and other bespoke engineering software packages would be beneficial.
* Strong commercial awareness.
* Driving licence is essential.
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| **Required competencies & behaviour** |
| * Excellent written and verbal communication skills, with the ability to explain complex technical concepts to a non-technical audience.
* Ability to work independently and as part of a cross-functional team.
* Strong analytical and problem-solving skills.
* Result driven, confident, and dynamic personality.
* Ability to work under pressure and respond to rapidly changing deadlines.
* English: Native speaker (other languages may be beneficial).
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| **Remarks:** |
| This job description is issued as a guideline to assist you in your duties, it is not exhaustive. Due to the evolving nature and changing demands of our business this job description may be subject to change. You may, on occasions, be required to undertake additional or other duties within the context of this job description, and according to the needs of the Company. |