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| Title | **Automation Costings Engineer** |
| **Reporting to** | **Head of Applications**  |
| **Purpose of the Role** |
| To play a key role in the business by providing cost estimations as part of the proposals and project management processes, ensuring the business remains a market leader in providing industrial automation solutions to new and existing customers.This role will work very closely with the applications engineer and technical sales team for proposal submissions. |
| **Key Responsibilities** |
| * To support the Sales Team by preparing detailed cost estimates for new prospects and regular cost-to-complete estimates.
* Identification of risks within a prospect and determination of a risk budget that may be used to mitigate those risks
* Investigate and identify cost reduction opportunities through regular cost analysis review and the monitoring of trends
* Establish an effective working relationship with the sales, project, purchasing, mechanical, electrical and controls engineering teams
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| **Key Skills** |
| * Experience in industrial automation systems
* Experience in estimating unique bespoke solutions, rather than mass production, repeat manufacture
* Ability to understand complex conceptual layouts / sketches and from these build bottom-up estimates covering labour, raw materials, and bought-out items in the disciplines of mechanical, electrical and software engineering
* Ability to liaise with internal and external suppliers, clearly communicating requirements in order to receive accurate quotations
* Ability to estimate whole project lifecycle from concept design, through detailed design, manufacture, in-factory assembly and commissioning, and on-site installation and commissioning
* Ability to analyse costs expended on previous projects to inform estimates on new prospects and cost-to-completes on current projects
* Ability to interpret and present numerical data with excellent attention to detail
* Highly competent in using Microsoft computer packages, in particular Excel and MS Project
* Experience of Fusion 360, AutoCAD CAD tools is preferred, Inventor or Solidworks is acceptable
* Strong team-player and ability to work on own initiative
* Strong verbal and written communication skills
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| **Qualifications** |
| * Minimum HNC qualified in relevant electrical or mechanical engineering discipline
* Strong financial skills and experience of presenting numerical information
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