

Principal Systems Engineer



Reporting to the Design Manager the main responsibilities of the role are to lead the Electrical, Control and Instrumentation Design function.

Responsible for management of E,C&I engineering design team:

- Planning/Scheduling of E,C & I Activities
- Resource Management and Allocation
- Design Team Professional Development
- Responsible and Accountable for E,C&I Department Engineering design:
- Project Specific Compliance
- Safety Compliance
- Legislative Compliance

Duties and Responsibilities:

- Successful execution of high quality engineering work to time, quality, budget and customer satisfaction.
- Provides accurate estimates of own work for proposals/tenders.
- Plans and manages own engineering design and assessment work within associated project budgets.
- Anticipates technical risks associated with work and discusses how to manage these with Responsible Engineer or Project Manager.
- Maximise the profitability of all work by ensuring that it is carried out efficiently and effectively.
- Maintains and develops successful working relationships with engineers in client organisations.
- Continually develops technical knowledge and competence in field of expertise, and seeks to develop skill portfolio.
- Knowledge and experience of the application of the installation and commissioning of C&I systems.
- Act as Responsible Engineer/Project Manger for small projects as required

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Ideally you will have:

- Knowledge and experience of the application of the installation and commissioning of C&I systems.
- Knowledge and experience of the principles of measurement and to design and review design proposals and to have the capability to either assess or review assessments of the reliability of C&I systems.
- Knowledge and experience to design and review design proposals for safety or safety related systems
- The knowledge and experience to design and review design proposals for Building Management Systems and SCADA systems
- Desirable experience: Experience of CHP (reciprocating engines and steam turbines), boiler plant and ancillary systems
- Commercial awareness of financial implications of financial decisions
- Effectively present and discuss ideas and plans
- Previous experience as part of a dedicated or multi-disciplinary design team
- Complex fault finding and diagnosis, and root cause analysis