

Design Engineer (Mechanical/Electrical)

Role Title: Design Engineer (Mechanical/Electrical)

Reporting To: Design Manager

Role Purpose:

To carry out the design as required by a client that meets his and company requirements whilst keeping to time and budget constraints and taking into account the environmental impacts of the design. Strategic involvement will include understanding the company strategic position and interpreting for self.

Key Tasks

- Carry out design calculations utilising both manual and computer techniques
- Continue to learn about new technology
- Communicate design onto a drawing, single line for CAD by others
- Co-ordinate other building services within a building, changing drawings accordingly
- Follow set QA procedures. Liaison with bid teams/other design department members to understand client's requirements and select plant and equipment appropriately

Technical Expertise

- Design experience from conception to completion of a contract
- Understanding of design/operations interface and site installation processes
- Knowledge of computer aided design packages
- Knowledge of codes of practice, British Standards and CDM regulations
- Awareness of environmental issues
- Knowledge of design time and cost parameters

