

**JOB TITLE:           PRINCIPAL ENGINEER CIVIL-STRUCTURAL**

**RESPONSIBLE TO:**   Manager of Engineering

**RESPONSIBILITIES:**

- Proven ability to lead a team of Civil and Structural Engineers and Designers.
- Ensure the safe working of the Civil-Structural Department and compliance with CDM Regulations.
- Responsible for the technical integrity of the designs produced by the Civil-Structural Department.
- Be innovative in design work with due regard to minimisation of cost, risk and schedule whilst maintaining technical integrity.
- Supervising and allocating work to Engineers and Designers and ensuring compliance to the company Integrated Management System (IMS) procedures within the department.
- Allocation of man hour budgets for work scopes.
- Ensure the delivery of engineering scope of work to the agreed project programme and within budgeted man hours.
- Ensuring weekly updating of the KHI engineering progress sheets.
- Preparing engineering specifications and calculations and other documentation as required.
- Checking and approving specifications, calculations and drawings.
- Liaising with other engineering disciplines to ensure interdisciplinary compatibility on projects.
- Interface with Lead Discipline / Senior Discipline Engineers on control and coordination of scope changes to base man hour estimates and deliverables.
- Interface with Lead Discipline / Senior Discipline Engineer on KHI engineering progress data and reporting.
- Liaising with Clients on engineering contracts and design services.
- Attend meeting internal (KHI) and external (Client/3<sup>rd</sup> Party) as required for work scopes.
- Implementation of approved quality procedures in the department.
- Working to quality plan and company IMS procedures.
- Liaison with the Manager of Engineering with regard to workload and resource planning.
- Preparation and/or approval of KHI man hour estimates and technical proposals.
- Support sales effort with Client presentations and face to face meetings.
- Carry out performance appraisals for direct reports.
- Identification of competency training requirements and informing the Manager of Engineering for implementation.

**QUALIFICATIONS AND EXPERIENCE:**

- A Civil or Structural function specialist, with a deep understanding and broad experience in either the civil or structural field but with a capability for both areas having at least ten years experience.
- Chartered Engineer status with membership of ICE or IStructE.
- Degree qualified or equivalent in Civil or Structural engineering.
- In depth knowledge of Civil & Structural design in a process environment.
- Competent in using modelling software such as STAAD Pro or Robot Structural Analysis.
- Competent in using Tekla & Tedds or equivalent packages.
- Experience of team management 70 % hands on technical perspective and 30% managing the team.
- In depth knowledge of UK statutory requirements, UK Codes & Standards, Eurocodes and Project Basis of Design is essential
- Knowledge of American Codes and Seismic design to UBC 1997 preferred.
- Knowledge of current HSE Legislation and Regulations.
- Good grasp of each stage of the project execution process.
- Strong attention to detail and problem solving skills.