Role definition

|  |  |
| --- | --- |
| Job title: | Principal Engineer – Civil & Structural |

Role Overview and Key Purpose

|  |
| --- |
| **Role Overview**As a Principal Engineer – Civil & Structural*,* you are expected to have a strong track record in one or, ideally, multiple sectors that BakerHicks operates in. You will be a Chartered Engineer with experience of managing medium-size projects or managing packages on large projects. You’ll lead and develop an enthusiastic and committed team of Engineers and Technicians to deliver high quality output on projects and support the Associates in day-to-day management of the local C&S team. Client care and repeat business is crucial to BakerHicks’ success, so you’ll need to be able to develop and nurture relationships with our clients (both internal and external)**Key Purpose*** Design and specify all aspects of Civil & Structural Engineering works in accordance with current guidelines, standards, regulations and project deliverables.
* Management of small projectteams, including recruitment, resourcing, professional development and engagement to deliver high quality output to all projects.
* Management of C&S involvement in projects, including time, cost, quality and resources, client relationship management and delivery.
* Monitor and champion quality and compliance controls within local teams and projects.
 |

Responsibilities and Accountabilities

|  |
| --- |
| **Responsibilities*** Provide engineering design and consultancy services on behalf of BakerHicks under the direction of the line manager or project lead.
* Management of design deliverables (including drawings, specifications and reports), site surveys, construction stage duties, client liaison with members of design/ construction teams, project management, costing and ensure progress against the project brief.
* Check calculations and production of detailed drawings to ensure engineering designs meet appropriate quality and compliance controls, project brief and customer requirements.
* Time, cost, quality, resource and delivery management including communication with the department and management to ensure that resource and project requirements are clearly understood and met.
* Contribute to the preparation of enquiry plans, tender reviews, fee estimate sheets, scopes of work and change controls.
* Monitoring of project fee spend and deliver commercial objectives including invoicing and Cost Value Report management.

**Accountabilities*** Create a team environment that enables continual development, feedback and professional growth.
* Ensure team compliance with company quality management and best practice.
* Management of staff in the production of design deliverables, project management, costing and any other relevant duty required to comply with the project brief.
 |

Knowledge, Experience and Qualifications

|  |
| --- |
| **Essential*** Chartered Member of ICE or IStructE.
* Significant experience of delivering projects in at least one sector that BakerHicks operates in, including managing commercial elements of projects.
* Experience managing small teams from Apprentices and Graduates to Senior Engineer level.
* Excellent communication and presentation skills with the ability to eloquently present complex ideas.
* Strong ability to develop enduring relationships with both internal and external stakeholders that deliver long term benefits.
* Outstanding design, technical detailing and specification writing experience.
* Experience of contributing to bids, proposals and tender specifications.
* Be fully conversant with the basics of CDM Regulations, British Standards and Eurocodes with respect to civils and structural loading, design and specification including a number of the following:
	+ Building structures in steelwork and reinforced concrete.
	+ Foundations and sub-structures.
	+ Earthworks and site investigations.
	+ External works and drainage.
* Eligibility to pass criteria for security clearance required to work on sensitive projects.

**Desirable*** Demonstratable experience of delivering multi-disciplinary projects in several sectors that BakerHicks operates in.
* Experience in managing multi-disciplinary teams to deliver complex projects.
* Experienced in discharging responsibilities under CDM and health and safety regulations.
* Full clean UK driving license.
 |