

Job Description

Job title:	Principal Engineer – Mechanical Services
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Role Overview and Key Purpose

Role Overview

As a Principal Engineer – Mechanical Services, you are expected to have a strong track record in one or, ideally, multiple sectors that BakerHicks operates in. You will be a Chartered Mechanical Building Services 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 Mechanical Services 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 Mechanical Services in accordance with current guidelines, standards, regulations and project deliverables
- Management of small project teams, including recruitment, resourcing, professional development and engagement to deliver high quality output to all projects
- Management of Mechanical Services 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 - Those who do the work to complete the task

Accountabilities - Ultimately answerable for the correct and thorough completion of the deliverable or task, the one who ensures the prerequisites of the task are met and who delegates the work to those responsible

Responsibilities

- Provide engineering services design and consultancy work on behalf of Baker Hicks under the direction of the line manager or project lead.
- Produce 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 which enables continual development, feedback and professional growth
- Ensure team compliance with company quality management and best practice
- Management of staff in the production of calculations, design deliverables (including drawings, specifications and reports), site surveys, construction stage duties, client liaison, liaison with members of design/construction teams, project management, costing and any other relevant duty required to

comply with the project brief.

Knowledge, Experience and Qualifications

Essential

- Chartered Member of Chartered Institute of Building Services Engineers (CIBSE)
- Significant experience of delivering projects in at least one sector that BakerHicks operates in.
- 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.
- Essential technical experience: Expert design of Mechanical Building Services systems, including HVAC and Public Health
- Experience in using the following specialist software:
 - Navisworks
 - NBS Create / Chorus

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.
- Experience in using the following specialist software:
 - IES Thermal Modelling
 - AutoCAD
 - Revit