

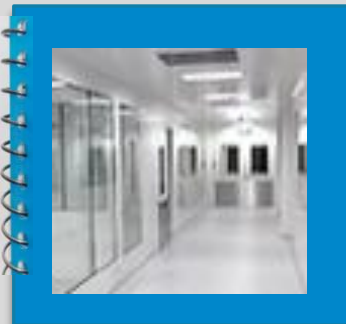
Data Centres



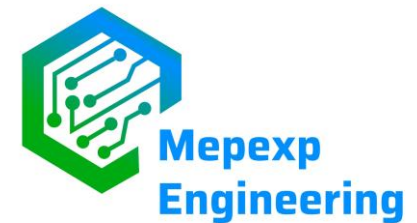
Buildings



Pharmaceutical



**BUILDING
SERVICES
CONSULTANCY**



Our Approach

We specialise in the design development and engineering of Mechanical, Electrical, and Plumbing (**MEP**) building services. Our approach prioritises environmentally responsible yet practical solutions that reduce carbon emissions while maximising building performance and energy efficiency.

Our multidisciplinary engineering team brings a wealth of experience and technical expertise, enabling us to deliver projects from initial concept through to fully engineered solutions. We actively promote modern, sustainable technologies that enhance building functionality and improve the way people interact with building systems.

We have extensive expertise in the design of advanced cooling solutions, particularly for data centres. Our dedicated team of modellers and engineers provides thermal and water-flow modelling support, enabling early-stage concept validation and paving the way for detailed design of high-performance cooling systems.

We are committed to working collaboratively with end users to ensure our services meet their operational aspirations and contribute to a safe, efficient working environment. We place strong emphasis on design detail, installation practicality, and long-term operability. Elements such as clear labelling, maintainability strategies, and operational considerations are integrated into our designs to support future building management.

All our lead engineers are proud members of **CIBSE**, **ASHRAE**, **IET** and other recognised professional engineering institutions.



Building Services Design

- Air-to-Air , Air-to-Liquid and Liquid-to-Liquid cooling in data centres
- Chilled water systems
- Ventilation and air conditioning
- Thermal modelling /Computational Fluid Dynamics (CFD)
- Fuel systems
- Electrical distribution and power generation
- Lighting design
- Fire alarms and detection
- Heating systems
- Hot and cold water supply
- Above ground drainage
- Incoming water supplies
- Energy management
- Building control systems
- District heating systems
- Maintenance asset management
- Site Inspection
- Plant condition reports
- 3D and 2D CAD Production
- Building Information Modelling (BIM)



Fees

Depending on the scope of work, we offer two types of fees as outlined below

Fixed Design Charge

This fee typically covers the delivery of MEP building-services designs across all RIBA Stages, from Stage 1 (Preparation and Briefing) through to Stage 7 (Handover and Close-Out). It applies to a clearly defined project and may also be tailored to include only a specialist study, technical assessment, or a specific design task.

Time Charge

This fee applies when clients require flexible support or specialist input on an hourly or daily basis. Typical activities include:

- Assistance with writing technical specifications
- Review and validation of third-party designs
- Site inspections and quality checks
- Expert witnessing, commissioning support, or system validation once equipment is procured and installed

Time charge is ideal when the work is evolving or when expert advice is required at various stages of procurement, installation, or commissioning.

**Contact us to find out more,
we would love to hear from you.**



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