

Role summary**Role Definition**

Job title: Public Health Engineer

Reporting to: Partner of the current project on a day to day basis and ultimately to the Senior Partner

Responsibilities

- To understand the design project
- Prepare, and develop where required, calculations, analysis, schematics, drawings, diagrams, models, specifications and other documents relating to the design
- Assist where required in the co-ordination of the internal design team
- Where required by the project leader, take responsibility for specific areas of the design and project development
- Assist the Foster + Partners architecture team to achieve their design goals and provide an appropriate level of support
- Liaise, where appropriate, with members of the external design team and other associated organisations or companies
- Seek, and record evidence of, continuing professional development (CPD) in accordance with the requirements of the relevant professional Institution
- Thorough knowledge of and compliance with Foster + Partners procedures and standards
- Contribute, or otherwise assist, as required
- Equity, diversity & inclusion (EDI) is a core priority. To support and champion the embedding of this focus as a collective workforce responsibility, EDI should be integrated, where relevant, into all workstreams.
- Thorough knowledge of and compliance with F+P procedures and standards

Qualities and Skills required

- Able to demonstrate ability to undertake the above responsibilities
- Legally able to work in the country in which the position is based
- On track to becoming Chartered through a UK engineering institution
- Strong technical engineering skills
- Well-developed ability to deliver presentations to either technical or non-technical personnel
- Ability to understand and formulate design decisions and present for discussion
- Ability to use a variety of media in the development and documentation of a design project
- Proficient in the use of Internet Explorer and other web-browsing software, Word, Excel, PowerPoint
- Excellent organisational skills
- Able to manage sensitive and sometimes confidential information
- Self-motivated and able to take responsibility
- Able to demonstrate initiative and a proactive approach to daily tasks
- Good interpersonal skills and able to work independently and as part of an effective team
- Flexible attitude
- Able to build good relationships at all levels, internally and externally
- Resilient to cope with conflicting demands, able to prioritise duties and work effectively under pressure.
- Able to work as part of an effective team assisting and supporting team members

Desirable

- Able to assist with the management of junior graduate engineers on the team
- Understanding of financial aspects of running a design project on time and on budget
- Working knowledge of core technical guidance published by CIBSE, British Standards, ISO, BSRIA and CIPHE
- Ability to use some or all of the following generic software: MicroStation, Adobe Creative Suite including InDesign, Photoshop and Illustrator
- Ability to use some of the following design software: Hevacomp, Micro Drainage and Bentley Mechanical
- Knowledge of ASHRAE 90.1 Energy Modelling
- Previous experience working in an engineering practice
- Basic knowledge of other environmental engineering disciplines

This description reflects the core activities of the role but is not intended to be all-inclusive and other duties within the group/department may be required in addition to changes in the emphasis of duties as required from time to time. There is a requirement for the post holder to recognise this and adopt a flexible approach to work. Job descriptions will be reviewed regularly and where necessary revised in accordance with organisational needs. Any major changes will be discussed with the post holder.