

Role summary

Foster + Partners is looking for a Senior Vertical Transportation Design Engineer to join the growing multidisciplinary engineering team based in London.

Role definition

Job Title: Senior Vertical Transportation Engineer

Reporting to: Discipline Leader on a day-to-day basis
and ultimately the Senior Partner

Responsibilities

- To provide discipline leadership, representing the company in a professional and diligent manner
- Develop Vertical Transportation design strategies across a wide range of building typologies
- Production of calculations, analysis, schematics, diagrams, models, specifications, and other documents as required
- Establish and maintain strong working relationships with internal and external stakeholders, design teams, authorities, utilities, and associated organisations
- Confidently chair / participate in client, project teams, contractors' meetings / presentation
- Review and management of projects from inception to post construction duties
- Good knowledge of relevant legislation, standards, regulations & codes, design guides and good practice

Qualities and skills required

- Legally able to work in the country in which the position is based
- Fluent English (written and spoken)
- Qualified to degree level in a relevant engineering subject
- With at least 4-5 years relevant experience
- Familiar with codes and standards (including ISO, BS, EN, NFPA, China GB, CIBSE Guide D)
- Familiar with all Vertical and Horizontal Transportation systems and manufacturer offerings
- Able to demonstrate strong design, commercial management & analytical abilities
- Lift traffic analysis using computerised simulation software, including ELEVATE and ADSIMULO, to validate VT/HT strategies for projects
- Prepare design drawings, reports, and specification as part of project delivery
- Prepare Tender documentation and participate in Tender evaluations
- A flexible and open attitude towards new ways of working and a proven commitment to independent lifelong learning
- Self-organized and motivated with ability to prioritise duties and work effectively under pressure
- Ability to use Microsoft Office Word, PowerPoint, and Excel
- Ability to use AutoCAD and/or MicroStation

Desirable

- International project experience
- LEED qualified or having working familiarity with environmental assessment methods
- Qualified as or working towards Chartered Engineer qualifications.
- Multilingual
- Ability to use Autodesk Revit (Training will be provided otherwise)
- Ability to use Adobe Creative Cloud – InDesign, Illustrator and Photoshop (Training will be provided otherwise)
- Ability to use Rhino and Grasshopper

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.

February 21