



## Principal Engineer

Salary:	£60,000 - £68,000
Location:	Hybrid working with offices in London and Sidcup
Team:	Infrastructure Engineering
Sector:	Rail

Frankham are seeking an ambitious and highly motivated Principal Engineer to join our Rail team, with the opportunity to support the wider Infrastructure Engineering team, which includes Maritime and Asset Management. We are looking for a dynamic engineer who will act as a technical lead, capable of taking a lead role in client management, motivated to help assist and develop engineers and graduates.

In this role you'll find yourself working as part of a young, growing, and enthusiastic team. This role will provide the opportunity to work on an interesting and varied portfolio of projects and structures, such as Station Developments, AFA Schemes, Bridge Design and Renewal Schemes, as well as genuine opportunities for career progression.

At Frankham, you will be continuously exposed to best in class thinking and innovative minds from a wide range of professionals. The Infrastructure Engineering team has recently been shortlisted for the New Civil Engineer and Railway Industry Association RISE awards, and have held an Investors in People accreditation since 2011 and hold Gold accreditation.

This role will require a combination of strong leadership, technical know-how, stakeholder management, and business development. This is the perfect role for an ambitious individual who is ready to take a step up. We are looking for candidates that are able to manage and develop key client relationships, their own workload, and operate with a high degree of autonomy.

## Responsibilities

- Undertake the role of Technical Lead & roles related to Project Management, as required.
- Able to operate with a high degree of autonomy.
- Excellent time keeping and time management.
- Willingness to take ownership of allocated tasks.
- Act as a Line Manager.
- Lead, support, and manage project team members, including providing technical support.
- Mentor and develop the understanding and technical knowledge of colleagues.
- Determine a project's scope of works, budget and programme and assign resources accordingly.
- Preparation of fee proposals and agreeing scopes with clients.
- Responsible for the financial, technical and project management of various projects.
- Supervise, check and/or approve technical reports, specifications, drawings, calculations, risk assessments and method statements.
- Comply with varying design standards ensuring all deliverables are compliant.
- Lead design reviews to ensure coordination between design disciplines.
- Coordinate and ensure the production of specification and drawings are to highest standards.
- Undertake and lead inspections, examinations and scoping visits with the client.
- Have a good understanding of relevant Health & Safety Legislation, Codes of Practice & standards and current design methods.
- Liaise and attend meetings with clients.
- Assist with the promotion of the company's capabilities to existing and prospective clients.
- Lead and/or support in all aspects of tenders, including producing and delivering presentations.

## Skills and Experience

---

- Minimum 8 years of experience in a civil/structural engineering role, ideally within the Rail sector and on Infrastructure projects.
- Chartered or Incorporated is essential, with either ICE or IStructE.
- CRE(D) experience is essential.
- Experience of leading projects and teams with the associated financial management.
- Extensive design experience in a range of civil engineering projects in Rail sector.
- Proven experience of delivering projects to time and budget.
- A good of commercial awareness, e.g., profit & loss, budgeting, contract management is desirable but not essential.
- Experience checking and approving designs and calculations.
- Strong experience of Eurocodes, Network Rail, Railway Group and British Standards.
- Strong experience of Network Rail engineering assurance process and procedures.
- Experience of multi-disciplinary design coordination and integration.
- Working knowledge of a structural analysis software such as Tekla Tedds, Tekla Structural Designer (2D/3D frame), S-frame 3D, Robot, SuperStress, MIDAS, LUSAS etc.
- Effective communication skills in a client facing role.
- Proficient use of MS office-based software is essential.
- Demonstrable line management experience.
- Strong working knowledge of relevant CDM regulations.

## Benefits & Initiatives

---

Frankham offer excellent benefits and initiatives, including:

- Incentive Scheme.
- Car Benefit Scheme.
- Work From Home.
- Health Insurance - cash plan.
- Flexible working scheme.
- Long service award.
- Frankham Friday.
- Cycle-to-work scheme.
- Life assurance.
- Annual leave inc. sell, buy & carry-over.
- Annual season ticket loan.
- Generous maternity & paternity pay.
- Employee introduction awards.
- Professional qualification support.

## About Frankham Group

---

Frankham is a top 50 multi-disciplinary consultancy with over 40 years of experience, providing a full range of design and consultancy services to the built environment.

At Frankham we have a dedicated and knowledgeable team of industry experts, all with diverse abilities, striving to provide high quality solutions to all our clients. The company strives to improve the surroundings in which we all live and work.

Our belief is simple – use intelligent ideas to create human benefits. From environmentally sustainable buildings to individual commissions, our projects have one thing in common, they improve peoples' lives.

You will be stepping into a dynamic, and meritocratic environment, where your voice and input will be heard. We have an 'open door policy', allowing easy access to the senior minds in the business. We are a business committed to providing people with opportunities to achieve their career goals.

Our vision is to become the leading privately owned consultancy in the South of England, differentiating ourselves from the large corporates, being a best place to work and a leader in the market in each of our disciplines.

### [How to Apply](#)

---

If you believe you meet the above requirements and are keen to join a company with genuine opportunities for career progression, please apply via the "Apply Now" button at the top of the page.