

Job Description

Title	Senior Mechanical Engineer
Reporting to	Chief Engineer
Salary	£dependent on experience
Role	Full Time, Permanent 37.5 hrs p/w - You may be required to work additional hours & weekends at times
Location	Bilston and Nottingham
Benefits	Pension scheme, SAYE scheme, Cycle to Work scheme, Occupational Health scheme, Private Health Care scheme, Bonus eligibility, Life Assurance, Training, Employee Assistance Programme inc. Exclusive Offers - An online portal offering vouchers and discounts & 25-day Annual Leave plus Bank Hols.

Job brief:

We are seeking a Senior Mechanical Engineer to support the Chief Engineer. The senior engineer is requiring having a Mechanical Engineering Degree, significant experience in HVM/structural engineering, and strong project leadership. The post requires someone that has a strong technical understanding with the ability to multi-task and prioritise their own workload, while also being able to work independently.

Purpose of the role:

The Senior Engineer will lead and develop HVM and R&D technical solutions, provide engineering authority, and guide technical developments for infrastructural schemes.

The Engineer will be required to prepare and assist in the preparation of technical documentations (Installation & fabrication drawings, Installation Manual, Technical advice notes etc.) and undertake engineering calculations.

The ideal candidate will have strong project management expertise, excellent problem-solving skills, and the ability to engage with internal and external stakeholders to drive successful project outcomes.

Key Accountabilities & Responsibilities:

- Lead special R&D projects, ensuring successful execution.
- Oversee project planning, including Fabrication drawings and product installation
- Direct and control projects to ensure they meet required standards, timescales, and budgets.
- Support the commercial team in assessing the market, identifying opportunities for innovation.
- Estimate costs for initial product review
- Provide technical support, including production drawings, general arrangement drawings and Bill of Quantities for infrastructure schemes.
- Work closely with subcontractors to ensure smooth installation and re-instatement during testing.
- Maintain regular communication with internal teams to ensure project objectives are met.
- Stay up to date with industry best practices, engaging with suppliers to maintain best practice (fabrication)
- Support and adhere to all health and safety procedures, including accident and near-miss reporting, ensuring full compliance with statutory requirements.
- Regular engagement with Sales, Supply Chain, and external technical stakeholders.

Person Specification

Detailed below are the types of qualifications, experience, skills, and knowledge which are required.

The Essential column shows the minimum essential requirements for the post.

The Desirable column shows additional attributes which would enable the applicant to perform the role more effectively with little or no training. They are not essential but may be used to distinguish between applicants.

The Category column indicates the method of assessment:

V=CV

I = Interview

C = Certificate

T = Test

R =Reference

	Essential	Desirable	Category
Qualifications			
Mechanical Engineering Degree	X		V, I, C
Mechanical Engineering Master's degree (preferred option)		X	V, I, C
Experience			
C.A.D.	X		V, I, T
F.E.A.	X		V, I, T
Knowledge			
Hostile Vehicle Mitigation		X	V, I
Kinetic Energy		X	V, I, T
Geotechnical Survey & analysis		X	V, I
Cross Section analysis	X		V, I
Structural analysis	X		V, I, T
CDM Regulations	X		V, I
Skills			
Microsoft Office	X		
Inventor		X	V, I, T
AutoCAD	X		V, I
Vault Professional		X	V, I
Additional Attributes			
A full UK Drivers Licence		X	V, I

Please also note that where qualifications are required, employment is conditional on the verification of them. Qualifications (must be original documents) will be checked on the first day of appointment.

Employees will be expected to comply with any reasonable request from a line manager to undertake work of a similar level that is not specified in this job description.

Employees are expected to be courteous and provide a welcoming environment to visitors and telephone callers.

The Operating Unit will endeavour to make any necessary reasonable adjustments to the job and the working environment to enable access to employment opportunities for disabled job applicants or continued employment for any employee who develops a disabling condition.

This document outlines the duties required at the time of employment, although it is not a comprehensive or exhaustive list.

This job description is current at the date shown, but in consultation with you, may be changed by the Line Manager to reflect or anticipate changes in the job commensurate with the grade and job title.

This employer undertakes a range of pre-employment checks including right to work qualification, references, etc.

Hill & Smith Infrastructure Ltd are committed to promoting equality, valuing diversity, and working inclusively, we uphold the principles in our behaviour and working practices - we are committed to providing equality of opportunity in all areas as an employer, whether in recruitment and selection, promotion or training and development. As we grow, we understand that we must have the most talented employees with diverse backgrounds, cultures, perspectives, and experiences to support our innovation and creativity.

Name:

Signature: