

ROLE TITLE: Deputy Chief Engineer
Reports to: Chief Engineer

Direct reports including contractors: None
Budget: None

Key relationships:

- Reports into and deputises for the Chief Engineer
- Directly interfaces with customers
- Advises Chief Engineer on technical strategy/ road-mapping for the sector
- Working closely with the Sector based leadership team to define and deliver projects
- Co-ordinates the technical activity of research Engineers across the value stream groups
- Represents and advocates for NCC at technical forums

ROLE PURPOSE:

- To co-ordinate and deliver technical activity across the complete lifecycle of a project
- To ensure the accuracy, validity and quality of the technical deliverables of projects within the sector business unit
- To assist the Chief Engineer develop technical strategy for the sector business unit, working with the Value Stream Managers, customers and wider industry to formulate and deliver technical roadmaps

MAIN ACTIVITIES:

Technical

- Support the Chief Engineer in providing a technical interface with Industrial members within the sector, ensuring that their short and long term product / industrial requirements are captured and understood
- Co-ordinate technical activity across the relevant value stream groups ensuring work meets customer requirements
- Identify key programme technical risks, and manage mitigation throughout the project lifecycle
- Assist in providing technical governance across programmes / projects within the sector business unit to ensure quality is maintained
- Solve a range of complex and non-routine tasks to support project requirements by analysing and comparing mathematical and scientific theory and by assessing practical tasks.
- Analyse and assess how an NCC engineering capability can be developed by strategically aligning technology development to the short and medium term customer needs.
- Review and appraise technical documents for release to customers. Construct project proposals by integrating multi-disciplined technical activities for the statement of work.

Customer Interaction

- Ensure customer requirements are captured accurately and disseminated to the project team
- Support technical Road-mapping activity to identify customer short / long term needs and develop technical strategy for the sector.
- Capture and disseminate technical information and key lessons learnt to internal and external customers to strengthen customer relationships.
- Establish effective partnerships across boundaries both internally and externally. You will have broad technical networks nationally and/or internationally and be regarded as an expert in your specialist field.

- Utilise your network of internal and external contacts to seek creative ways to develop and influence strategic collaborative partnerships

This Job Description is not an exclusive or exhaustive list of all activities that an individual in this position may be asked to perform. You may be required to undertake other responsibilities or activities, as requested by your line manager, to support your team or wider NCC activities.

PERSON SPECIFICATION

Essential	Desirable
<u>Qualifications/Experience</u> <ul style="list-style-type: none"> ■ Masters in Mechanical/ Materials Engineering or other relevant degree/qualification ■ Significant experience with Composite Materials ■ Or significant experience operating within the engineering sector ■ Experience of working across the project lifecycle (scoping through to delivery) 	<u>Qualifications/Experience</u> <ul style="list-style-type: none"> ■ Experience of managing large technical projects ■ PhD in specialist area ■ CEng ■ Experience of working within the Engineering sector
<u>Behavioural Competencies</u> <ul style="list-style-type: none"> ■ Ability to form effective relationships internally across the business, and externally with customers, suppliers and other academic / development centres ■ Able to prepare exemplary engineering documents and presentations pertinent to the audience ■ Competently address engineering problems involving uncertainty, ambiguity, wide ranging and sometimes conflicting technical and non-technical factors ■ Proven ability to apply broad knowledge and data driven processes to make key technical decisions ■ Has professional gravitas, smart and confident as a technical ambassador of the NCC 	<u>Behavioural Competencies</u> <ul style="list-style-type: none"> ■ Understands the importance of being a member of a professional technical community, learning from its knowledge and standards and able to actively contribute to its advancement