

Job Description

Job Title:	Senior Systems Engineer	Job Holder:	
Division:	Engineering SFP	Grade:	SC
Discipline Area:	Systems	Last Updated:	Feb 2024

Job Purpose:

As a SEA Senior Systems Engineer you will take responsibility for the design and development and support of our products. You will be required to progress the design, development, design proving, test, commissioning and in-service support of the equipment as part of a multi-disciplined team. This work may involve sensitive information so the applicant must be able to obtain security clearance.

You will utilise state-of-the-art methods, technology and tools to explore all aspects of the development lifecycle, engineering analysis, requirements analysis, design, implementation, test, build and product support. There is a requirement to interface with customers (internal and external) on many factors within the design and liaise closely with Engineers from all disciplines, Systems, Software, Electrical and Mechanical Engineering.

The role will see the job holder joining a very successful engineering company, who have ambitious plans to develop new and technologically challenging markets across the world. The primary location of work will be Beckington near Frome. The job holder will be required to occasionally work at SEAs other locations and from customer and supplier sites including overseas.

Responsibilities:

- Defining and Managing Requirements throughout the Engineering Lifecycle
- Proving Technical inputs to bidding activities
- Integration and production qualification activities
- Product Trialling and Testing Activities
- Work Package generation and execution

Key Result Areas:

The jobholder will be expected to:

- Manage the capture, analysis, traceability, configuration and V&V of product requirements.
- Support business development and bidding activities through technical work package definition and related resource effort estimation.
- Coordinate and lead the delivery of engineering work packages.
- Define system architectures that will drive system design.
- Work with engineers from all disciplines to develop design specifications and supporting

Job Description

documentation using a traceable system engineering methodology.

- Carry out functional and non-functional system analyses.
- Lead system integration verification and validation activities and manage issue resolution.
- Coordinate directly with internal and external customers.
- Prepare documentation and presentation material to effectively communicate technical subject matter to audiences at working and senior management level.
- Plan and track progress of engineering assignments within agreed schedules, to quality standards and budget in accordance with project and company processes.
- Assist in the evaluation of new technology and methods.
- Provide technical expertise and support to the Business Development function including the generation of technical proposals and bids.
- Understand and implement the company environmental, health & safety policy by accepting individual responsibility and responsibility for those personnel under their authority, including others who may be affected by the company's activities.
- Ensure personnel are aware of their responsibility towards H&S and are equipped accordingly.
- Always set a strong personal example regarding all health and safety matters.
- Understand and implement the company environmental, health & safety policy by accepting individual responsibility and responsibility for those personnel under their authority, including others who may be affected by the company's activities.
- Ensure personnel are aware of their responsibility towards H&S and are equipped accordingly.
- Always set a strong personal example regarding all health and safety matters.

Values:

- **Safety First** – We operate safely and responsibly, protecting each other and the environment.
- **One SEA Team** – We are in this together. One team, working ethically, respectfully & professionally. We take responsibility and challenge each other constructively
- **People Focussed** – We all contribute to making our culture one that is supportive and empowering; where everyone can grow and develop, feel valued and rewarded. We prioritise a healthy work-life balance
- **Delivery Excellence** – We exceed our commitments by delivering timely, quality outputs whether that's for each other or our clients and partners. We are always looking for ways to innovate and continuously improve
- **Trusted Partners** - We partner strategically, collaboratively and always with integrity, whether that is between us inside SEA or externally

Training: (if applicable)
As Required

Reporting Line

The jobholder will report to the SFP Systems Team Lead



A COHORT PLC COMPANY

Job Description

Job Location

The job will be located in the Barnstaple Office. (WFH and travel to Beckington / Bristol as required).

Job Holder Declaration:

I accept the purpose and key result areas of my role with SEA are as outlined above.

Signature: _____ Date: _____

Line Manager Declaration:

I confirm that the purpose and key result areas of this role are as outlined above have been agreed with me as line manager.

Signature: _____ Date: _____