|  |  |  |  |
| --- | --- | --- | --- |
| **Job Title:** | **Product Development Engineering Lead - SFP** | **Job Holder:** | TBC |
| **Division:** | Maritime Solutions  Ship & Fleet Protection | **Grade** | TBC |

|  |
| --- |
| **Job Purpose:** |
| As Product Development Engineering Delivery Lead you will take responsibility for leading engineering delivery through design and development and support of our Ship & Fleet Protection products. You will be required to lead the technical team managing the design, development, design proving, test, commissioning and in-service support of the equipment as part of a multi-disciplined team. This work will involve sensitive information so the job holder must be able to maintain 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. |
| **Responsibilities:** |
| Key aspects of the role include:   * Direct Engineering responsibility for given Product(s) * Support engineering team members with their projects and programmes in relation to the product.   Within own Product programme:   * Lead definition of requirements * Identify and support product development lifecycle * Support trials / testing of new product developments * Work with PM’s to ensure good plans in place for all related projects * Support accurate estimating / scheduling of technical work * Provide Technical Risk assessments for commercial projects and product development activities * Work with BD to develop new commercial opportunities and deliver bids * Work with customers to understand requirements and resolve technical issues * Responsible for successful product integration and delivery * Understand complex problems and issues and develop robust solutions * Supporting the generation and maintenance of the Product Road Map(s) and associated documents |
| **Key Result Areas:** |
| The jobholder will be expected to: |
| * Meet performance and delivery targets of Ship & Fleet Protection Systems to agreed cost, time and quality * Working closely with the Ship & Fleet Protection Product Technical Authority and Project Management team to define, review and update project delivery plans * Provide accurate performance reports, estimates and forecasts * Manage resources effectively – seeking to maximise staff productivity and find productive work for under-utilised staff * Give technical guidance and mentoring to members of their team * Seek and share good practice and knowledge locally to continuously improve team practices * Design to meet commercial and military standards including CE & UKCA compliance * Design for EMC including commercial and military standards * Produce high quality documentation including Design, Test and Qualification specifications * Support and input to performance reviews for members of team who report to different line manager * Prioritise, arbitrate and de-conflict issues within team * Maintain regular contact with other parts of SEA to ensure awareness of technical excellence, solutions, resources and skills * 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 |
| All employees may be required to carry out any other duties that are within the employee's skills and abilities whenever reasonably instructed and are required to act in a manner that is wholly supportive of our values of:  PARTNERS - We deliver on our promises;  EMPLOYEES - We develop, recognise. reward and empower our people;  ONE TEAM - We work together, openly, honestly, respectfully and in a professional manner;  EXCELLENCE - We strive to continually improve;  **SAFETY** - We protect our people, our partners and our environment. |
| Experience:   * Job holder will have strong leadership and people development skillset * Design experience to meet commercial, military and safety standards including CE and safety compliance. * Produce high quality documentation including Design, Test and Qualification specifications. * Job holder will demonstrate strong background in product development, ideally within Ship & Fleet Protection products. * Managing data, issuing reports and have high levels of organisational abilities within cross functional teams. * The candidate will have excellent IT skills, particularly in Microsoft Office and ideally experience of working within company ERP systems. * Ideally the candidate will have experience of working within SharePoint and assisting in document control and task workflows.   Training: (if applicable)   * On job and external training can be provided for Ship & Fleet Protection Systems. |
|  |
| Reporting Line  The jobholder will report to the Head of Ship & Fleet Protection |

|  |
| --- |
| Job Location  The job will be located in the Barnstaple Office however hybrid working arrangements possible including 3 days per week at Barnstaple site. |
| **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: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |