Job Title: Deputy to Chief Engineer (Technology)

|  |
| --- |
| Role Purpose (position scope) |
| This Deputy to Chief Engineer role is a position within the Draken Chief Technology Officer organisation in support of a wide variety of internal and customer work packages and projects. This senior management role reports directly to the Chief Engineer Technology, to help provide daily leadership of the Technology Team and deputise for the Chief Engineer Technology. The Technology Team is responsible for applying systems engineering expertise to key projects, to ensure the Mission System Technologies and projects are delivered and accepted to specification within agreed costs and timescales as part of a tailored LCM process. This senior role requires the ability to communicate both written and verbal complex technical ideas effectively to a wide range of SMEs. The Deputy Chief Engineer will typically be part of an Integrated Product Team (IPT) and will technically contribute to the performance of the IPT to ensure that the technical system solutions and performance expectations are met or exceeded. The role will cover the following key responsibilities:* Report to the Chief Engineer and act as a Deputy for related to Technology Team tasks and programmes.
* Help manage the Company/Technology Team ISO9001 Quality Process - by authoring, managing, maintaining and reviewing Technology Team documentation and procedures, preparing for and supporting internal and external ISO audits.
* Drive and contribute to technical solutions in support projects, programmes and bids.
* Review and provide technical guidance and advice to the Technology Team
* Team coordination, allocation of resources and priorities
* Review and approval of Technical Team documentation
* Hiring and management of Technical Team Personnel
* Review team performance and perform annual appraisals.
* Support meetings on behalf of the Chief Engineer
 |

|  |  |  |  |
| --- | --- | --- | --- |
| Line Manager | Dotted Line | Direct Reports | Dotted Line |
| Chief Engineer (Technology) | None | None | None |

|  |
| --- |
| Key Responsibilities |
| * Safety first. Operate in accordance with the SHE standards. Identify where the SHE Standards are applicable to appointed operations/tasks and apply safe systems of work.
* Technology Team Management and leadership – facilitate the maximisation of team performance through motivation, conflict management and good communication.
* The safety, quality and design compliance of all activities.
* Act as technical lead and design authority for nominated projects through the entire lifecycle.
* Contribute to definition/development of Systems Engineering technical strategy.
* Liaising with the customer and user: negotiating requirements and presentation of proposals for new and existing system behaviour.
* Development of technical proposals in support of new bids, understanding, negotiating and presenting existing capability and new customer requirements.
* Contribute to and lead customer meetings where appropriate.
* Maintain, grow and promote relevant technical skills and domain knowledge - help develop staff competency by sharing domain knowledge and skills.
* Contribute to bids and estimating – provide appropriate/quality input to the satisfaction of the Bid Manager and other stakeholders.
* Development and maintenance of key system engineering documents including system and sub system requirements, configuration and other technical documentation including manuals and training material.
* Understanding and reviewing systems, hardware, software, test and integration documentation to confirm that the hardware, software and architecture design are compliant.
* Fulfil tasks to agreed time, budget and quality
* Recognizing the need for and proposing process and product improvements to ensure best practice and compliance with relevant standards (including safety).
* Application of, and compliance with, engineering processes and practices, including engineering framework, LCM and regulatory requirements.
* Travel within the UK and overseas to support business needs as necessary.
* Any other duties reasonably requested by management within the capability of the incumbent.
 |
| Core Competences |
| * Ability to formulate recommendations in complex and ambiguous situations and with incomplete data.
* Line management of team of engineers.
* Excellent communication, technical report writing and presentation skills.
* The ability to work within a large organisation in a matrix management structure.
* Team oriented with proven communication, change management and influencing skills.
* Negotiating skills to influence and agree new requirements with key stakeholders including customers and users.
* Attention to detail with high levels of accuracy.
* Self-motivated, confident and assertive.
* Managing and prioritizing of own and others’ time across multiple activities to meet relevant deadlines and timescales.
* Knowledgeable of engineering processes, practices and measures of performance and ability to make recommendations to drive their continuous improvement.
* Alignment with Draken core values and behaviours.
* Ability to build excellent relationships with team leads and peers across Draken.
* Travel within the UK and overseas to support business needs as necessary. Candidates must be able to enter countries that use Visa Waiver or Visa screening/entry processes.
* Must be able to obtain a UK SC Clearance.
 |
| Experience |
| * Demonstrable track record of technical delivery.
* Significant experience of working within a Systems Engineering environment and/or team through full lifecycle, to include aircraft Systems Integration, Security Architecture, Accreditation & Tempest.
* Detailed knowledge or one or more of the following: Radar System Principles, RF Design Principles, Microwave Antenna Systems, EW system and technologies, aerospace avionic systems, logic and digital control systems, FPGA systems, software engineering, computer networks.
* Familiarity with computer network and systems configuration
* Good awareness of aerospace and defence industries, markets, products and technologies.
* Significant experience with the product lifecycle from system requirements, architecture, design, integration, qualification, verification, through to production and support.
* Requirements Management (all levels), methodologies and toolsets.
* Systems Design, methodologies and toolsets.
* Significant experience and understanding of configuration management techniques and associated standards.
* Proven ability to work and deliver to time pressure and deadlines.
* Proven technical leadership role on projects to drive the engineered solution through lifecycle.
* Demonstrable performance in team building, fostering organisational culture and delivering continuous improvement.
* Highly Desirable:
* Experience with AI Technologies and Applications
* Previous or current UK DV Clearance
* CEng 10+ Years, with a proven track record working in a military Electrical/Electronic/RF/Radar/EW Engineering discipline.
 |

|  |
| --- |
| Key Measures |
| * The Safety, Quality and Regulatory compliance of all activities.
* Contractual delivery compliance, customer satisfaction and organisational reputation.
* Compliance with all Draken Policies, Processes and Procedures and company ethics.
* Contribute to delivery of continuous improvement and change in line with best practice.
 |