|  |  |
| --- | --- |
| **Title** | **Junior Electronic Design Engineer** |
| **Band** | **Individual Contributor – Professional** |
| **Grade** | **P1 – Entry** |
| Job Family | Junior Engineer |
| Reporting To |  |
| Location | Hastings |
| Date Written/Revised | Aug/2024 |
| **Benchmark Job (For HR Use)** |  |

|  |
| --- |
| **Position Objective** |
| Are you interested in developing the electronic brains of the next generation Fast Jets, Helicopters and UAVs.    We are recruiting engineers at Graduate level to work on developing some of the most advanced electronic (Analogue and Digital) computing systems that are critical to providing these aircraft and aircrew with some of the most advanced combat mission computing capabilities.  This role is for a recently qualified junior engineer who wishes to develop their knowledge and skills and apply them to mission management and control systems applicable to the avionics, maritime or naval domain. Although the role identifies a Electronics Engineer, there will be opportunity to specialize into other specific engineering domains such as firmware or remain within the Electronics design domain |

|  |  |
| --- | --- |
| **Generic Level Description** | |
| General Accountabilities | Learns job/role requirements; begins to apply academic knowledge to job/role accountabilities |
| Supervision Required or Provided to Others | Works under close supervision, and requires significant direction on how assignments are to be executed |
| Complexity | Works on problems of limited scope. Follows standard practices and procedures in analyzing situations or data from which answers can be readily obtained. |
| Knowledge and Technical Expertise | Learns to apply company policies and procedures to resolve routine issues. Able to apply basic knowledge/skills to own work. Develops skills in basic theories, practices and procedures in one skill area through formal training. |
| Problem Solving | Uses existing, clearly defined procedures to solve routine problems; applies limited judgment and discretion |
| Planning & Organizing | Organizes own time to deliver against tasks set by others, with a short term horizon |
| Project Management Accountabilities | Carries out assignments within well-defined practices, procedures and approaches |
| Decision Making and Autonomy | Limited decision-making authority and autonomy; predominantly takes direction from others |
| Client/Business Orientation | Is introduced to the basic needs of the internal and external client and responds to standard requests. Understands relationship between work processes and the business but horizons limited to own team. Is aware of costs related to own work. |
| Communication, Negotiation and Influencing | Asks questions, checks for understanding, provides explanation clearly and precisely. |
| Leadership Requirements | Establishes co-operative relationships to work effectively with colleagues; supports others and participates as a team member, carrying out duties as directed |
| Key Contacts | Deals directly with immediate supervisor, co-workers and team members; engages in routine exchanges of information; interactions with external contacts, if applicable, would be monitored |
| Physical Effort | Little chance of injury. Duties may involve sitting, standing, keyboarding with frequent flexible breaks. |
| Working Conditions | Standard Office Environment. May be required to travel and/or have overnight trips. Hours worked may exceed regular schedule. |

|  |  |
| --- | --- |
| **Discipline Description** | |
| Responsibilities Include | The successful candidate will be assigned to one of our program teams or the research and development team to work on different aspects of the engineering lifecycle, you’ll play a key role developing new technologies and maintaining our existing products.  Typical duties to include a mix of the below:  Producing initial and maturing to detailed electronic designs through the product development phases.  Generation of drawings, circuits and associated documents to capture electronics design aspects  Testing and integration to ensure the design meets its requirements Modelling and simulation – Firmware, Electronics or System |

|  |  |
| --- | --- |
| **Knowledge, Skills & Abilities** | |
| Required Skills & Abilities | *The candidate will be able to demonstrate a sound theoretical knowledge of engineering principles and enthusiasm in one or more engineering disciplines/topics.* |

|  |  |
| --- | --- |
| **Education & Experience** | |
| Required Education & Experience | Requires degree level (2.1 hons) education in Electrical Engineering, Electronics and Electrical Engineering, Electronics and Computer Engineering or suitable STEM based subject, other forms of further education within an engineering discipline are considered. |