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TITLE:

SET Project Engineer for the DART Expansion Project, Signalling, Electrical & Telecoms Department (SET).

ROLE & PURPOSE:

- The role of Project Engineer for the DART Project requires you to lead, manage and coordinate all the engineering activities for the DART Expansion project within SE&T with the primary objective of delivering safe, compliant, efficient, economic and assured solutions in a timely manner.
- Develop and manage project requirements
- Ensure engineering coordination within a multidisciplinary environment
- Provide technical input into procurement and contract management of suppliers
- Engage with technical specialist engineers as required to ensure the project objectives, technical and performance requirements are met.
- Ensuring solutions are compliant to Iarnród Éireann and SE&T standards, any applicable industry standards, relevant regulations and legislation
- Plan and manage project execution
- Plan and manage project assurance
- Develop and manage design
- Manage design compliance
- Plan and manage systems integration
- Manage engineering safety
- Plan and manage the effective utilisation of in-house and external resources
- Manage planning, testing completion and bringing into use
- Fulfil health, safety and environmental obligations
- Prepare for handover
- Provide engineering support to the SE&T Project Manager for the DART Expansion project.
- Ensuring the delivery of the engineering activities for the DART Expansion Project are in accordance with IE SE&T governance process

REPORTING RELATIONSHIPS:

REPORTS TO:

- SE&T Project Manager for the DART Expansion project.

MANAGES AS DIRECT REPORTS:

- SE&T Discipline Engineers assigned to the DART Project.

WORKING RELATIONSHIP WITH:

- Contractors/Suppliers/Consultants.
- SE&T Technical Managers.
- Project Management Office (PMO)
- Chief Civil Engineers department,
- RU Staff.
- Commission for Rail Regulation (CRR).
- External Agencies as necessary.

KEY QUALITIES:

ESSENTIAL:

- An Engineering degree in a relevant discipline.
- Member of Engineers Ireland or other equivalent professional body.
- Chartered Engineer or can demonstrate working towards CEng.
- Minimum of 5 years' experience in a project engineering role on a similar sized project within a multi-disciplinary environment, preferably including signalling, electrical, telecoms, civils, structures, track, environmental and construction.

- Experience of working in a railway environment
- Strong leadership, negotiation and interpersonal skills

DESIRABLE:

- Knowledge of Railway Systems.
- Understanding of Project Management Procedures.
- Knowledge & experience of contract management.
- Knowledge of the Construction Regulations.
- Experience of tender documentation production.
- Experience and knowledge of technical approvals processes for track and signalling.
- Experience and understanding of the Commission for Rail Regulation Authorisation for Placing in Service (APIS) process.
- Experience and understanding of Safety Management Systems (SMS).

COMPETENCIES:

- Technical expertise & knowledge.
- Commercial Awareness.
- Strong leadership skills.
- Excellent communication skills.
- Demonstrable ability in planning and organising.

GENERAL MANAGEMENT RESPONSIBILITIES:

- **Safety:** To act as a focus for safety in line with the SE&T Department SMS and to discharge your safety responsibilities as outlined by your reporting Manager and Safety Responsibility Statement (SRS).
- **Engineering:** To ensure that the project engineering activities are properly managed and progressed in accordance with the IE and IM policy, standards and procedures.
- **Business:** To manage, coordinate and control all project engineering activities for your business.
- **People:** To ensure constant communication with all colleagues within your area and to support the People Management policy within the IM team.

SPECIFIC RESPONSIBILITIES:

ENGINEERING

- Provide engineering support to the SE&T Project Manager for the DART Expansion project.
- Responsibility for the engineering activities for all stages of the project lifecycle from concept stage, feasibility, detailed design, procurement, construction, testing & commissioning and handover of the project.

SAFETY

- Manage the APIS & SMS 14 processes.
- You will completely and fully deliver your responsibilities as specified in the Safety Responsibility Statement which accompanies this role.
- Undertake and manage, as appropriate, incident investigations as requested.
- Review on an on-going basis risks relevant to your role including both occupational and asset related risks.
- Ensure that all briefings on Safety are completed with all staff as necessary.

PEOPLE

- Comply with corporate HR policy and procedures.
- Managing your team to ensure that responsibilities and priorities are appropriately assigned to achieve your safety objectives.
- Lead and provide all necessary support to staff to enable the execution of their role.

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- Communicate effectively with staff to ensure proper execution of tasks.
- Promote the SE&T New Business Strategy

FINANCE

- Plan, monitor and report on all financial aspects of those works for which you are responsible.
- Prepare and manage budgets as necessary ensuring all chargeable and non-chargeable items (person hours) are accurately captured.
- Undertake all activities in line with the Iarnród Éireann governing procurement policies and procedures.
- Support the Programme Manager in the preparation of quarterly interim and annual stewardship reports, identifying:
 - Performance against each objective.
 - Actual and forecast expenditure against budget.