



Reference No.	IM/HR/JD/200E
Version No.	1.0
Date Issued.	26/09/2018
Status	Live
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TITLE:

- Electrification Technical Lead for the DART Expansion Project, Signalling, Electrical & Telecoms Department (SET).

ROLE & PURPOSE:

The scope of your assignment will include:

- The role of Electrification Technical Lead for the DART Expansion project requires you to provide specialist technical knowledge and delivery support to the DART Expansion Project.
- You will be accountable technically to the Technical Manager: Electrification and for delivery to the DART Expansion Project Manager, the DART Expansion Project Engineer or other DART Expansion Project line manager that you are assigned to.
- The safe, compliant, efficient, economic and assured delivery of the Electrification technical aspects of the DART Expansion Project in a timely manner.
- Being the first point of contact within the DART Expansion Project team for issues concerning technical standards, requirements management and compliance during engineering delivery.
- Working collaboratively to support the Project Engineer for the DART Expansion Project to resolve technical issues and ensure engineering outcomes are achieved, including value engineering.
- Ensuring all Electrification technical solutions provided to the DART Expansion Project meet the project objectives and that the technical and performance requirements are met.
- Ensuring all Electrification technical solutions are compliant to Iarnród Éireann and SE&T standards, any applicable industry standards, relevant regulations and legislation.
- Taking joint responsibility, along with the Project Engineer for the DART Expansion Project, for concept, intermediate and final design, implementation review, acceptance certification and project completion review.
- Plan and manage the effective utilisation of in-house and external resources.
- Providing the Project Engineer for the DART Expansion Project with all the necessary technical documents required for all Safety Cases, APIS submissions, Engineering Safety reports and other assurance or compliance submissions that may be required
- Fulfil health, safety and environmental obligations.
- Ensuring all persons working on the design of technical aspects of the Electrification solution for the DART Expansion Project hold the correct competencies.
- Progressing the design of the Electrification solutions for the DART Expansion Project through the IE SE&T governance process.

REPORTING RELATIONSHIPS:

REPORTS TO:

- SE&T Project Engineer for the DART Expansion Project.
- SE&T Project Manager for the DART Expansion Project
- SE&T Technical Manager: Electrification

MANAGES AS DIRECT REPORTS:

- Assistant Electrification engineers as assigned to you by the Technical Manager: Electrification

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 as an Electrification technical lead on a similar sized project.
- Experience of working in a railway environment
- Strong leadership, negotiation and interpersonal skills.

DESIRABLE:

- Knowledge of Railway Systems.
- Understanding of Iarnród Éireann Project Management Procedures.
- Knowledge & experience of contract management.
- Knowledge of the Construction Regulations.
- Experience of delivering Electrification elements as part of a multi-disciplinary team including; signalling, telecoms, civils, structures, track, environmental and construction elements.
- Experience and knowledge of technical approvals processes for track and electrification.
- Experience and understanding of the Commission for Rail Regulation Authorisation for Placing in Service (APIS) process.
- Experience and understanding of Iarnród Éireann Safety Management Systems.

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 Safety Management Systems (SMS) and to discharge your safety responsibilities as outlined by your reporting Manager and Safety Responsibility Statement (SRS).
- **Engineering:** To ensure that all Electrification elements for the project are properly authorised and progressed in accordance with the IE and IM Policy, standards and procedures.
- **Business:** To manage, coordinate and control all projects and related 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 Electrification Technical support to the Project Engineer & Project Manager for the DART Expansion Project.
- Responsibility for the Electrification activities for all stages of the project lifecycle from concept stage, feasibility, detailed design, procurement, construction, testing & commissioning and handover of the project.
- Responsible for ensuring that projects are managed in accordance with defined project management and control procedures.

SAFETY

- Prepare the telecoms elements as required for 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.
- 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.