

Lead Engineer / Lead Transport Planner

Department: Growth, Housing and Environment

Division: Operations & Transport

Reports to: Principal Engineer

JE Reference: GHE1059

Grade: 12

JE Date: 20/1/2020

Job purpose

Providing leadership and direction to labour teams for the provision of engineering services and transport solutions design and delivery in compliance with all relevant statutory standards in a safe, sustainable and efficient manner to support the delivery of the directorate's business plans while balancing local socio-economic and environmental needs.

Providing specialist professional operational, process and/or design engineering expertise in the relevant engineering discipline in support of the Principal Engineer's role to ensure effective service delivery.

Job specific outcomes

Determine, prioritise and manage a programme of works and/or projects in order for the team to successfully meet section, departmental and Government business plans working within set revenue and/or capital budget allocations and to meet timescale expectations.

Lead the investigation, planning and design of engineering works (electrical, mechanical, chemical, process etc.) and traffic and public transport improvement initiatives utilising in-house staff and/or contractors as appropriate for the project and budget in question to deliver continual improvements to the Island's infrastructure falling within the responsibilities of the section.

Liaise with asset owners and stakeholders at key decision points to confirm compliance with the expected project outputs and quality supporting the effective and successful delivery of capital project works.

Coordinate and finalise robust business cases for future capital project funding allocation to enable the delivery of capital projects, so as to meet the Government Plan in an effective and cost efficient manner.

Manage and prioritise the forward planning aspects of major maintenance and construction works or transport and traffic programmes to be undertaken by the section (including feasibility studies, technical specifications, stakeholder consultation and liaison, risk analysis and works management planning) ensuring adequate plans and systems are in place that take into account the impact on the public, asset users and the environment, minimising disruption and reducing the economic impact on stakeholders.

Provide comprehensive risk assessments and method statements to ensure that the works and projects being undertaken are compliant with all Health and Safety obligations and construction and contractual codes, to facilitate safe and efficient project delivery and to provide supporting evidence should any safety issues arise.

Monitor and review forecasting, modelling and analysis work by the overseen Engineering Team as part of impact studies relevant to the specific area of expertise to support service delivery; analyse service performance data and industry trends to identify opportunities to improve engineering service delivery and transport and traffic schemes as relevant to the section and to recommend changes to processes and improvements to construction and maintenance works or sustainable transport initiatives as applicable to the role, thereby ensuring that capital projects and transport policy are implemented in line with industry best practice principles and customer needs.

Monitor a delegated staff and procurement expenditure budget for engineering and transport planning services within defined financial limits ensuring financial control of engineering projects and at the same time, that business objectives are met in order to deliver the directorate's vision.

Lead, develop and motivate the necessary qualified and experienced staff for the section, determining and promoting minimum standards of workmanship and training to ensure that a high quality, technically proficient and cost effective services is provided in line with the directorate's overall objectives.

working with the departmental Engagement function, scope out programmes of engagement to support and promote public awareness campaigns and initiatives as relevant to the section's objectives to keep all the stakeholders engaged and informed and encourage people to alter their behaviour in line with Government initiatives and strategies, ensuring that engineering projects and transport programmes are delivered effectively and successfully to support the changing needs of society.

Statutory responsibilities

Active engagement, participation and compliance with any other statutory responsibilities applicable to the role, as amended from time to time.

This role is politically restricted. The job holder is not permitted to undertake political activity involving standing for election to the Government or as a Parish Constable, or publicly supporting someone who is standing for election or playing a public part in any political manner.

Services (TIER 1,2 and 3 jobs only – DELETE if not applicable)

The role refers to the following specialisms:

Lead Engineer - Infrastructure

Lead Engineer - Network Regulation

Lead Transport Planner

Lead Engineer - Drainage Capital

Lead Engineer - Drainage and Network

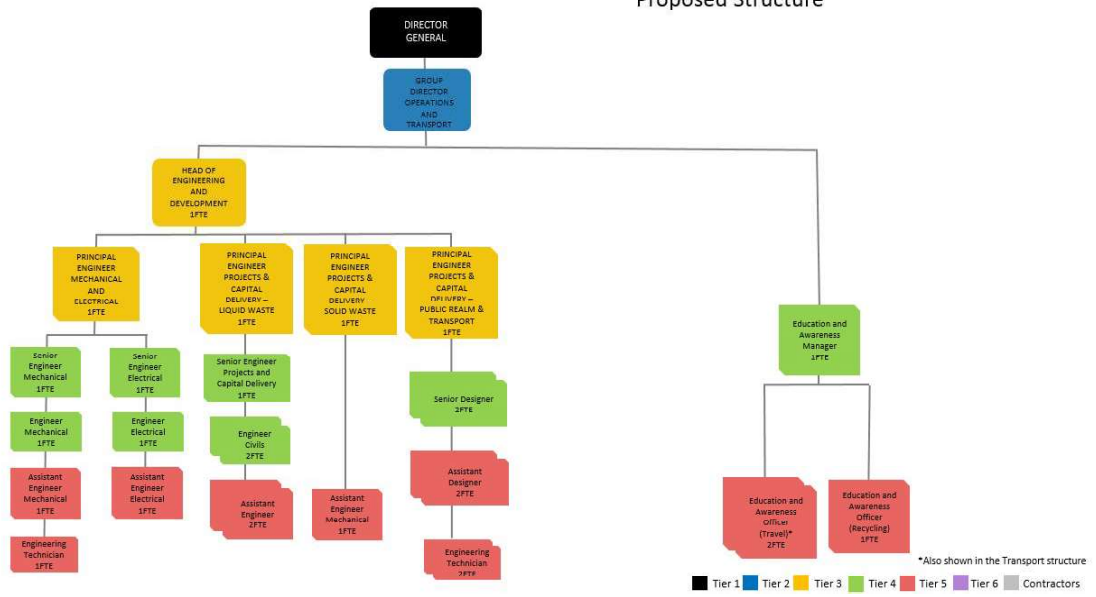
Lead Engineer - Mechanical

Lead Engineer - Electrical

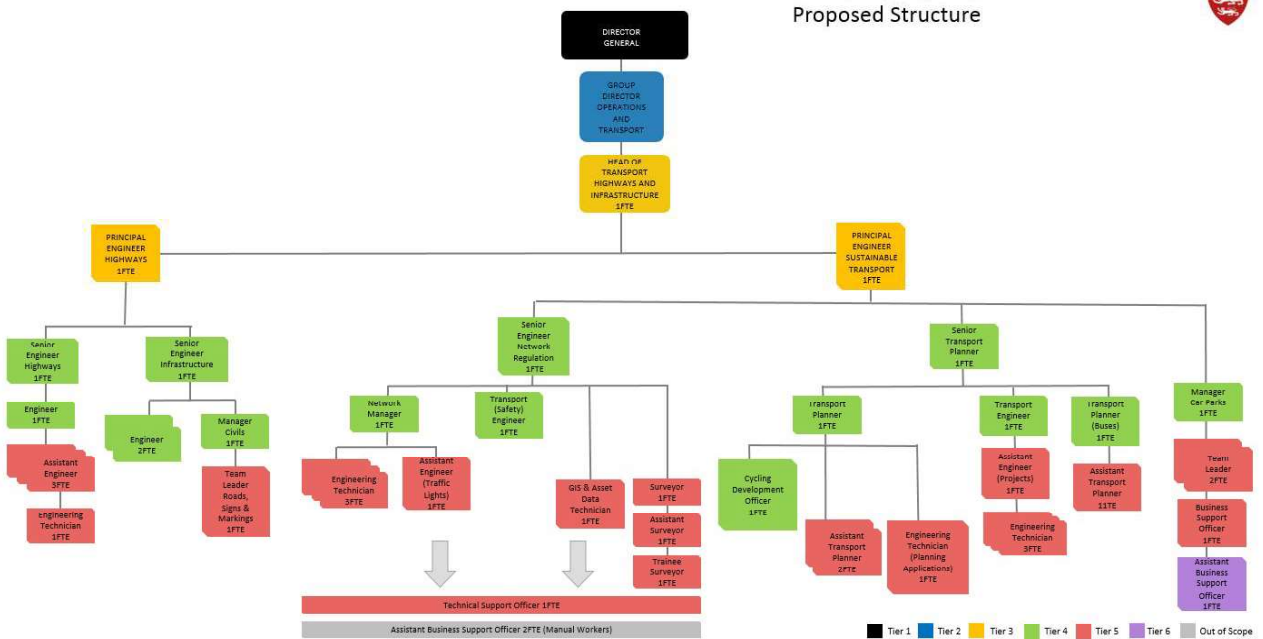
Lead Engineer - Projects and Capital Delivery

Organisational structure

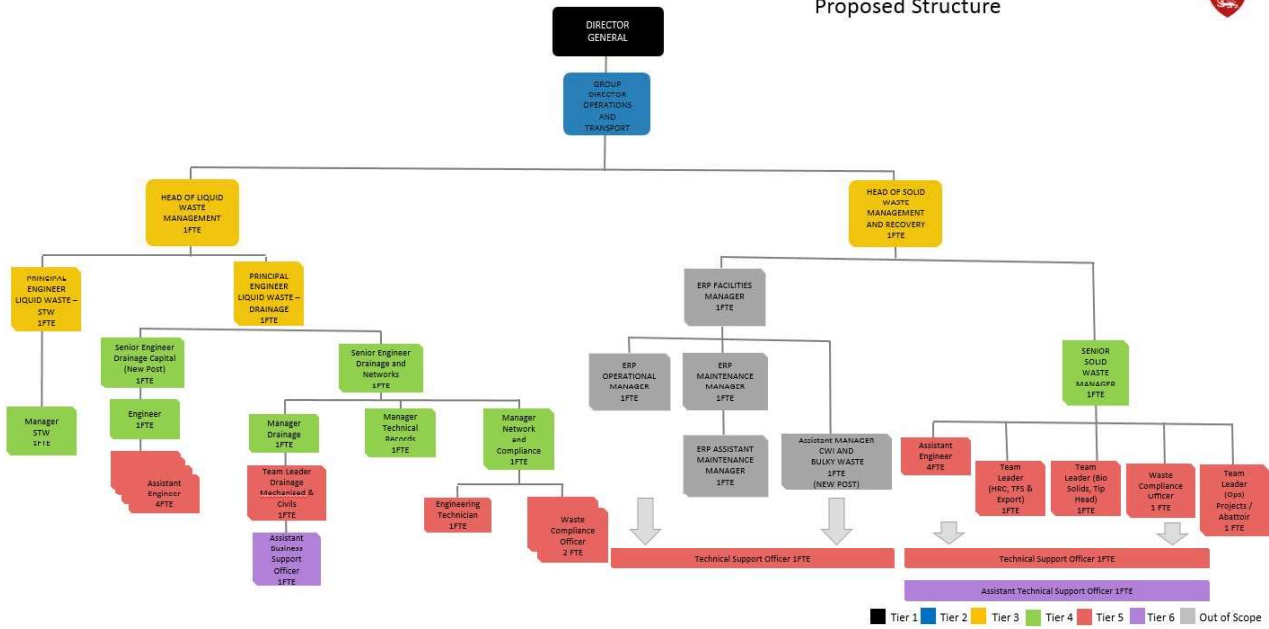
OPERATIONS AND TRANSPORT
Engineering & Development,
Education & Awareness
Proposed Structure



OPERATIONS AND TRANSPORT
Transport, Highways and Infrastructure
Proposed Structure



OPERATIONS AND TRANSPORT
Liquid Waste, Solid Waste
Proposed Structure



Person Specification

Specific to the role

ATTRIBUTES	ESSENTIAL	DESIRABLE
<p>Qualifications <i>Please state the level of education and professional qualifications and / or specific occupational training required.</i></p>	<p>Level 7 post graduate qualification or equivalent gained by substantial practical experience in a relevant specialism e.g. Mechanical, Electrical Engineering, Chemical, Civil, Traffic Engineering, Transport Planning)</p> <p>Membership of a relevant chartered professional body (e.g. Institute of Mechanical Engineers, Institution of Engineering and Technology, Institute of Civil Engineers, Chartered Institute of Building, British Institute of Facilities Management, Chartered Institution of Highways and Transportation) or equivalent level</p> <p>Evidence of further relevant professional courses e.g. Health & Safety certificate (e.g. IOSH)</p> <p>Middle management qualification or equivalent</p> <p>Project management qualification or equivalent</p>	
<p>Knowledge <i>This relates to the level and breadth of practical knowledge required to do the job (e.g. the understanding of a defined system, practice, method or procedure).</i></p>	<p>Knowledge of:</p> <p>The latest theory, practices, processes and techniques as related to their industry, including ongoing Continuing Professional Development</p>	<p>Knowledge of:</p> <p>The activity and processes of Government</p> <p>Management reporting as it relates to this role</p>

	<p>Leading team service delivery as relevant to the overseen function</p> <p>Commissioning services</p> <p>Knowledge of performance management and understanding of performance metrics</p>	<p>The Growth, Housing and Environment priorities, key objectives, risks and issues relevant to the department division and the role</p>
<p>Technical / Work-based Skills <i>This relates to the skills specific to the job, e.g. language fluency, vehicle license etc.</i></p>	<p>Computer literate with ability to operate the Microsoft Office package.</p> <p>Ability to use technical business applications designed to capture, store, manipulate and analyse technical data and create designs, including computer-aided design as relevant to the specific service.</p>	<p>Driving licence (Group B)</p>
<p>General Skills/Attributes <i>This relates to more general characteristics required to do the job effectively, e.g. effective written communication skills, ability to delegate, motivation or commitment etc.</i></p>	<p>Problem solving, negotiation and influencing skills</p> <p>Confident decision-maker</p> <p>Ability to develop innovative approaches to change management and service delivery</p> <p>Ability to lead, motivate and manage teams to facilitate achievement of high delivery and performance and manage poor behaviour.</p> <p>Strong relationship building skills</p> <p>Ability to present effectively, both verbally and in writing</p> <p>Ability to produce written</p>	

	materials (e.g. letters, reports, discussion papers, proposals) to a high level for presentation to a variety of audiences	
<p>Experience <i>This is the proven record of experience and achievement in a field, profession or specialism. This could include a minimum period of experience in a defined area of work if required by an external body (for example a period of post-qualification experience).</i></p>	<p>Experience of:</p> <ul style="list-style-type: none"> Leading the development and delivery of strategy Managing the operational delivery of relevant scientific / technical / operational services Managing staff and budgets Experience in Project Management and Leading Change Management initiatives 	

Core Accountabilities, Attributes and Behaviour Indicators

Appointees to this role will be required to adhere to and perform their duties in line with the standards identified in the Government of Jersey tier 4 core accountabilities attributes and behaviour indicators.

Organisation chart

