

Senior Engineer / Senior Transport Planner

Department: Growth, Housing and Environment

Division: Operations & Transport

Reports to: Lead Engineer / Lead Transport Planner

JE Reference: GHE1060

Grade: CS12

JE Date: 29/03/2021

Job purpose

Providing 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 plan and meet section objectives.

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

Job specific outcomes

Undertake an agreed programme of works and/or projects in order to successfully meet section, departmental and Government business plans working within set revenue and/or capital budget allocations to provide economical solutions to technical challenges and developments that meet societal and consumer needs.

Carry-out investigations, evaluations and design of engineering works and transport and traffic programmes and schemes, supervising in-house staff and working with contractors as appropriate for the project and related budget to assist the delivery of continual improvements to processes, procedures and economics of operations related to the Island's critical infrastructure and transport systems as relevant to the responsibilities of the section.

Provide specialist advice on technical issues and forecast impact of proposed solutions, contributing to the creation of robust business cases for approved and proposed capital works and the implementation of traffic and transport initiatives, balancing the needs of various stakeholder groups in an economical manner while ensuring compatibility with environmental protection standards to address societal requirements incorporated in the Government Plan.

Design and implement engineering and technical processes and systems that facilitate the delivery of major maintenance / construction works and transport initiatives (including feasibility assessments, impact and risk analyses, works management, consultation and stakeholder liaison) to support the successful delivery of business plans for the section while minimising disruptions to asset users and the public.

Undertake all engineering and transport planning design and work delivery ensuring all construction, agreed project specifications, contractual codes of practice and Health & Safety

guidelines are met as applicable, to facilitate safe and efficient project delivery and safeguard employees, asset users and road users at all times.

Research and develop briefs making improvement recommendations and changes suggestions to technical processes, policy and legislation based on the latest engineering advancements and traffic and transport standards as applicable, to optimise performance and safe service delivery, ensuring that capital projects and sustainable transport programmes are implemented in line with industry best practice standards.

Monitor spending related to allocated work, informing the budget holder / project board and ensuring action can be taken if defined financial limits are exceeded to support successful project delivery in line with business objectives and the directorate's vision.

Supervise, mentor and motivate the necessary qualified and experienced staff for the section, promoting agreed minimum standards of workmanship to ensure the provision of high quality, technically proficient and cost effective services.

Respond effectively to reactive unplanned work aligned to agreed contingency plans, ensuring that processes and resources are deployed effectively to keep any service disruption to a minimum and safeguard the health and wellbeing of asset users and the public.

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.

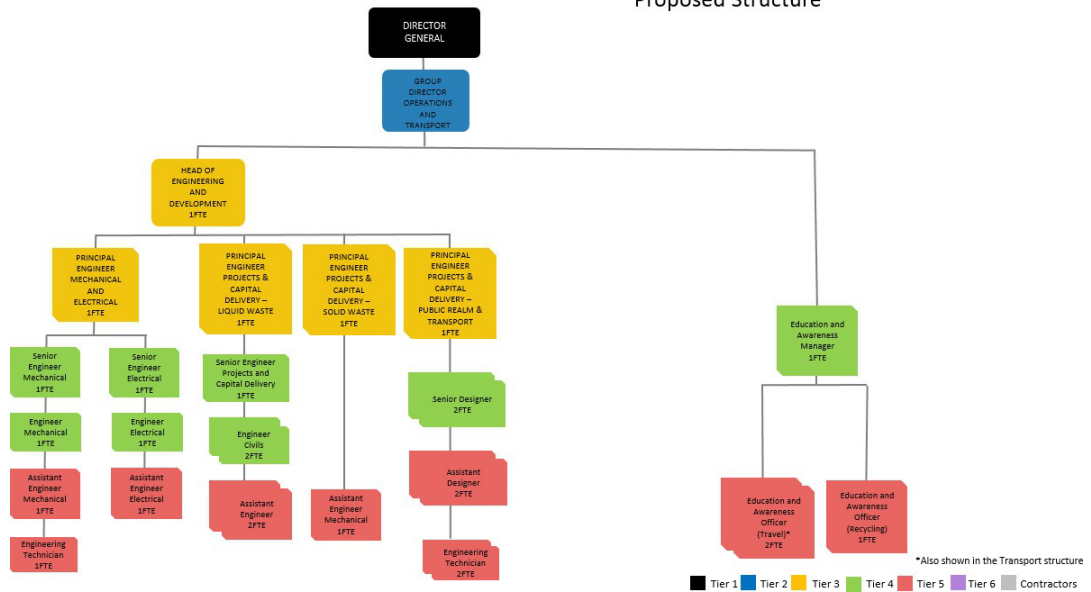
Services (TIER 1,2 and 3 jobs only – DELETE if not applicable)

The role refers to the following specialisms:

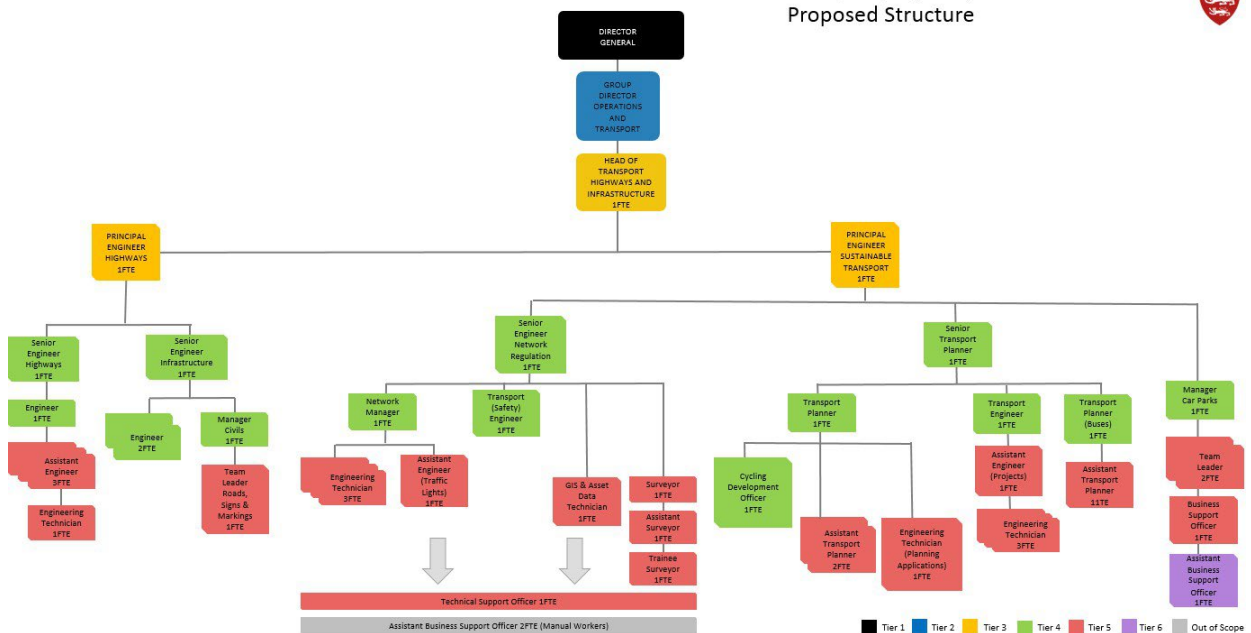
- Senior Engineer - Drainage
- Senior Engineer - Mechanical
- Senior Engineer - Electrical
- Senior Engineers - Civils
- Senior Engineer - Highways
- Senior Engineer - Transport Safety
- Senior Transport Planner

Organisation chart

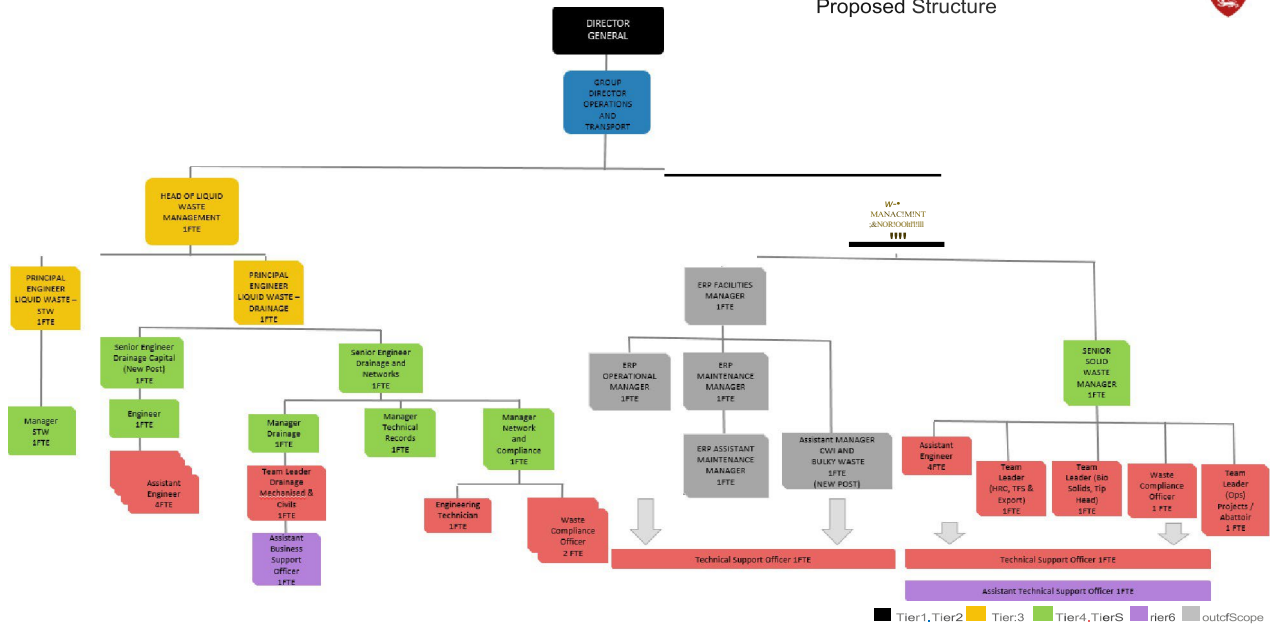
OPERATIONS AND TRANSPORT Engineering & Development, Education & Awareness Proposed Structure



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 and Traffic Engineering, Transport Planning, Environmental Science etc.)</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, Transport Planning Society etc.) or equivalent level</p> <p>Evidence of further relevant professional courses e.g. Health & Safety certificate (e.g. IOSH)</p> <p>Project management qualification or equivalent</p>	<p>Middle 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 and 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>Specialist technical knowledge as relevant to the role</p> <p>Leading team service delivery as relevant to the overseen function</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 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>	

	Ability to produce written materials (e.g. letters, reports, discussion papers, proposals) to a high level for presentation	
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>	Experience of: Leading the delivery of strategy Managing the operational delivery of relevant technical / operational services Managing staff and budgets Experience in Project Management and design and implementation of change projects	

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.

Organisational structure

