

Land Transport Authority

Job Description

Date:	May 2022	Position Title	Principal Road Safety and Drainage Engineer
Division:	PROCUREMENT & PROGRAMMING	Classification Level	G7/S1 – G8/S7 \$42,126.64 – \$65,875.99
Directly Supervises			
Reports to:	Report to the Manager of the Division on all matters relating to road safety, traffic drainage in Samoa, and to ensure that they are implemented in accordance with LTA standards, objectives and targets.		

Primary Objective

	To continuously assess the National Road Network, identifying areas critical to safety and efficient traffic flows for the purposes of developing Traffic Engineering and Management measures to upgrade and upkeep a safe and efficient National Road Network in Samoa.
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Responsibilities

1	Oversee and monitor the performances of 2 technical staff in relation to Divisional Output Delivery;
2	Provide input in the area of Traffic Engineering and incorporate these inputs to the Local and International contracts procured under the Division;
3	Provide inputs towards the development of the National Road Program. Inputs would include traffic engineering requirements for the National Road Network;
4	In consultation with the National Road Safety Committee (NRSC) and internal colleagues, identify areas on the National Road Network where Road Safety can be improved and ensure appropriate solutions are developed to improve these areas;
5	Oversee the effectiveness of Road Safety Audits of existing roads, new projects and projects during and after implementation. Make recommendations for safety improvements;
6	Lead LTA's participation as road asset managers in the National Road Safety Action Plan where necessary. Act as technical specialist advising the NRSC on engineering aspects of road safety and traffic management;
7	Identify areas on the National Road Network, especially intersections, where Traffic Flows can be improved and provide solutions for improvement;
8	Manage and Monitor existing Traffic Signalized Intersections to ensure smooth operation. Identify flaws in existing systems and recommend further treatments;
9	Plan, Prepare and Implement Traffic Count Data Collection throughout the Samoa Road Network, using MetroCount and analyze these inputs to prioritize areas that require Rehabilitation/Reconstruction etc;
10	Be on 24hour Call for any technical emergency at Traffic Signalized Intersections;
11	Participate and prepare for any internal Road Safety Programs for example: National Taxi Sub-Committee, Decade of Action Road Safety Committee.

Selection Criteria

		Essential - Desirable	Weighting
Qualification	A Bachelors Degree in Civil Engineering or relevant discipline from a recognized institution.	Essential	

Work Experience	Minimum 3 years of relevant work experience, particularly infrastructural works an advantage.	Essential	
Knowledge and Skills	Strong written and verbal communication in both English and Samoan language Excellent verbal/written communication skills and interpersonal skills in Samoan and English.	Essential	
	Demonstrated ability to collaborate, network, negotiate and engage effectively with divisional employees, managers and with external stakeholders in issues pertaining to road safety and drainage.	Essential	
	Demonstrated ability to formulate, manage and achieve planned outcomes with approved resources and within agreed timelines in accordance with acceptable ethical standards.	Essential	
	Ability to provide technical advice regarding design, construction, or program modifications to road engineering and managerial personnel.	Essential	
	Has sound knowledge of the following legislations; LTA Act 2007, LTA Regulations, Public Finance Management Act 2001, Public Bodies Performance and Accountability Act 2001, Ministry of Works Act 2002, Labour and Employment Act 2013.	Essential	
	Should be computer literate and has proven experience in Microsoft office software and other appropriate engineering database	Essential	

Competencies	
1	Lead by responsible example
2	Team Building
3	Training and coaching
4	Planning, assigning, directing and supervising work
5	Addressing complaints and resolving problems.

Prepared by:	Human Resource
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