

Land Transport Authority

Job Description

Date:	April 2023	Position Title	Principal Bridge and Coastal River Protection Engineer
Division:	PROCUREMENT & PROGRAMMING	Classification Level	G7/S1 – G8/S7 \$42,126.64 – \$65,875.99 p.a.
Reports to:	Report to the Manager of the Division.		

Primary Objective

To ensure that existing bridge structures and coastal protection assets function properly relative to expected capacities and designed life spans. Instigate measures through efficient planning and execution to ensure that these assets are maintained, repaired, rehabilitated, replaced or introduced if needed.

Responsibilities

1	Execute a bridge inspection and maintenance schedule to be incorporated into the Road Routine Maintenance contracts.
2	Put in place a procurement plan to procure consultancy services and contractors for works to ensure that item 1 above is implemented in a timely manner.
3	Work together with the Procurement section to ensure that consultancies and contractors are procured in accordance to the approved procurement plan.
4	Work together with the Assets Section to ensure that the bridge register for both Upolu and Savaii are updated regularly noting areas where improvements may be needed to enhance efficiency and maintain capacities.
5	Research and compile data and information on all bridge structures including standards used for design relative to bridge register and stored in an orderly manner for ease of accessibility. These may be obtained from local consultancy firms or from old files in LTA systems.
6	Establish the bridge maintenance and rehabilitation programs in conjunction with the Engineer - Infrastructure and Climate Resilient Design.
7	Build a program of initial repair works on most affected bridges to be planned and scheduled throughout each Financial Year.
8	Work with the Engineer - Infrastructure and Climate Resilient Design on establishing minor in-house designs for required and planned road and infrastructure works.
9	Review information and advise Manager on a way forward in relation to management of existing structures and design of new works
10	Liaise with Assets Section in setting up a Coastal and River Protection Asset Register and advise Manager on the need to instigate routine and/or rehabilitation program to improve efficiency of existing assets.
11	Assist in physical works supervision and administration of roads and drainage management programs as needed.

Selection Criteria		Essential - Desirable	Weighting
Qualification	Tertiary qualification of Bachelor's Degree in Civil Engineering or relevant discipline from a recognized institution.	Essential	
Work Experience	Minimum 4 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	Essential	
	Sound knowledge of Engineering standards and contract management standards	Essential	
	Ability to plan, monitor and manage projects efficiently.	Essential	
	Ability to provide technical advice regarding design, construction, or program modifications to road engineering and managerial personnel.	Essential	
	Knowledge of relevant legislations (LTA Act & LTA Regulations)	Essential	
	Demonstrated ability to work under minimum supervision	Essential	
	Must be Computer literate.	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 & Procurement & Programming Division
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