

# Land Transport Authority

## Job Description

<b>Date:</b>	19 November 2021	<b>Position Title</b>	Senior Bridge Maintenance Engineer
<b>Division:</b>	PROCUREMENT & PROGRAMMING	<b>Classification Level</b>	G5/S1-G6/S7 \$26,817.16-40,695.00 p.a.
<b>Directly Supervises</b>	Bridge and Coastal River Protection Engineering Officer		
<b>Reports to:</b>	Civil Engineer Infrastructure & Climate Resilient Design, through the Principal Bridge and Coastal River Protection Engineer		

### 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 or replaced if needed.

### Responsibilities

1	To assist in setting up a bridge maintenance and rehabilitation program in conjunction with a Bridge Specialist procured
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, compile and maintain 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	Supervise the bridge maintenance and rehabilitation programs once they are up and running.
7	Compile and maintain old and existing data on all coastal and river protection structures under the LTA mandate including standards, reports, specifications etc.
8	Review information and prepare advice to Principal and Engineer on a way forward in relation to management of existing structures and design of new works
9	Liaise with Assets Section in setting up a Coastal and River Protection Asset Register and advise/facilitate in cooperation with the Principal and Engineer for routine and/or rehabilitation programs for good maintenance of existing assets.
10	Assist in physical works design, supervision and administration of roads and drainage maintenance programs as needed.
11	Carry out CSO, DCA assessments a relevant and directed by the Civil and Principal Bridge and Coastal River Protection engineers.

### Selection Criteria

Selection Criteria		Essential - Desirable	Weighting
Qualification	Tertiary qualification of Bachelors Degree in Civil Engineering or relevant discipline from a recognized institution.	Essential	
Work	Minimum 4 years of relevant work experience, particularly	Essential	

Experience	infrastructural works an advantage.		
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, Public Drains Regulation)	Essential	
	Demonstrated ability to work under minimum supervision	Essential	
	Must be Computer literate.	Essential	

<b>Competencies</b>	
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.

<b>Prepared by:</b>	<b>Human Resource</b>
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