

Land Transport Authority

Job Description

Date:	July 2026	Position Title	Senior Drainage Engineer Officer
Division:	PROCUREMENT & PROGRAMMING	Classification Level	G5/S1-G6/S7 \$29,555.19 - \$44,849.95 p.a.
Reports to:	Reports to the Principal Drainage Engineer to ensure the effective planning, design, and maintenance of the national drainage network, in order to mitigate flooding and support the delivery of safe, resilient, and sustainable road infrastructure across Samoa.		

Primary Objective	
	To assist the Principal Drainage Engineer in the planning, design, supervision, and reporting of drainage infrastructure works, ensuring that all drainage projects are implemented in accordance with approved designs, standards, and specifications to mitigate flooding and improve road drainage across Samoa.

Responsibilities	
1	Assist the Principal Drainage Engineer by undertaking field work such as site inspections of drainage infrastructure, data collection, and assessing new works for quality and compliance.
2	Assist to identify areas on the National Road Network where drainage improvements are required and provide practical engineering solutions.
3	Prepare and review drainage designs, drawings, and specifications using AutoCAD for open drains, closed drains, culverts, catchpits, and other drainage structures.
4	Conduct formal field inspections and reduced level assessments, and prepare clear and accurate field inspection reports.
5	Assist the Principal Drainage Engineer in creating and updating a drainage asset database to monitor the condition and performance of drainage infrastructure.
6	Compile and apply relevant engineering standards, guidelines, and specifications for the design and installation of drainage systems, ensuring they are adapted to suit the conditions and environment of Samoa.
7	Prepare technical reports, project proposals, and progress reports for drainage works, ensuring accuracy and completeness.
8	Assist the Principal Drainage Engineer on engineering problems, planning, and initiatives at the direction of the PPD and Road Operations Managers.
9	Coordinate with landowners, communities, contractors, and government agencies to facilitate smooth implementation of drainage projects.
10	Provide sound technical advice on drainage engineering matters to the Principal Drainage Engineer and management, upholding high standards of professional ethics, integrity, and accountability.

Selection Criteria		Essential - Desirable	Weighting
Qualification	Tertiary qualification in an engineering discipline such as NZCE, NZ Diploma of Highway Technology, Australian Diploma (AQF) Engineering OR Equivalent	Essential	High

Work Experience	Minimum 3–5 years of relevant work experience in drainage, civil infrastructure, or engineering design.	Essential	High
Knowledge and Skills	Proficiency in AutoCAD for drainage design and drafting; basic understanding of hydraulic design principles.	Essential	High
Report Writing	Demonstrated ability to prepare clear, concise, and accurate technical reports and field inspection reports.	Essential	High
Field Work	Experience in conducting site inspections, field surveys, and condition assessments.	Essential	High
Design Knowledge	Knowledge of drainage design standards, culvert design, and water infrastructure.	Desirable	High
Ethics and Professionalism	Demonstrated commitment to professional ethics, accountability, and integrity in engineering practice.	Desirable	High
Communication Skills	Good written and verbal communication skills in English and Samoan.	Essential	High
Computer Literacy	Proficiency in Microsoft Office (Word, Excel, Outlook) and familiarity with GIS software.	Desirable	High

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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