

GOVERNMENT OF KIRIBATI
POSITION DESCRIPTION

1. Ministry: Ministry of Public Works and Utilities

2. Position Title: Sanitation Engineer

3. Salary Level: L6

4. Division: Water and Sanitation Engineering Unit

5. Reports To: Director, PWU

6. Direct Reports: Senior Water and Sanitation Engineer (SWSE)

7. Primary Objective of the Position:

- To be responsible for design and installation including supervision of construction of sanitation systems.
- To oversee and coordinate ongoing and planned sanitation infrastructure projects and to provide advice as required to MPWU on how best to deal with engineering matters and/or issues arising from projects.
- To support the management role of the Senior Water and Sanitation Engineer in particular the focus on ensuring water supplies are sustainable and of good quality and to advise on other existing water technologies applicable to Kiribati, as required.

8. Position Overview

9. Financial: Existing post

10 Legal: National Water Resources Policy and Implementation Plan, National Sanitation Policy and Implementation Plan, PUB Act

11. Internal Stakeholders:

- Employees
- Donors

12. External Stakeholders:

- Other Ministries
- Customers
- NGOs
- SOE's
- Communities

To be referred to Manager:

All Activities

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All Activities

11. KEY ACCOUNTABILITIES (Include linkage to KDP, MOP and Divisional Plan)

This is position description provides a comprehensive, but not exhaustive, outline of the key activities of the role. It is an expectation that you may be required to perform additional duties as required.

Approved by: Reenate Willie

Date of Issue: 26th June 2017

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- **KDP/KPA:**
- **MOP Outcome:**
- **Divisional/Departmental/Unit Plan:**

Key Result Area/Major Responsibilities	Major Activities/Duties	Performance Measures/Outcomes
<p>1. Provide technical assistance on the design, installation and/or construction and maintenance and/or rehabilitation of water and sanitation systems for Tarawa and the outer islands.</p> <p>2. Oversee, coordinate and implement ongoing and planned sanitation infrastructure projects and to provide advice as required to MPWU on how best to deal with engineering matters and/or issues arising from projects.</p> <p>3. Provide management support to the Senior Water and Sanitation Engineer in particular the focus on technical advice to enable improved sanitation services across Kiribati, as required.</p>	<p>1. Provide quarterly reporting of progress towards achieving plans for the rehabilitation, construction or supervision of construction of sanitation facilities.</p> <p>2. Advise Government on sanitation facilities and or infrastructure designs to meet future demand of the country based on sound engineering practices and/or calculations including the appropriateness of the designs specific to situations or communities. For example septic tanks, compost toilets, pit latrines and reticulation sewerage systems.</p> <p>3. Work with PUB from time to time to manage the South Tarawa sewerage reticulation system.</p> <p>4. Provide designs for sanitation infrastructure required and undertake and/or provide calculations, cost estimates, material lists and BOQs for the rehabilitation, maintenance and installation of sanitation systems.</p> <p>5. Establish an updated database for sanitation systems/ infrastructure installed on all islands of Kiribati.</p> <p>6. Lead the purchase of fittings and materials for sanitation fittings from overseas as necessary.</p>	<p>1. Improved sanitation facilities and infrastructure throughout Kiribati, including an updated database on all existing sanitation infrastructure and community coverage and their functional and current status.</p> <p>2. Well-coordinated activities in the Water and Sanitation Unit with that of ongoing sanitation infrastructure projects.</p> <p>3. Completion of on-going and pipeline' sanitation infrastructure projects on time.</p> <p>4. Increase in the number of people and/or communities with access to improved sanitation facilities and/or infrastructure.</p> <p>5. A robust sewerage reticulation system for South Tarawa.</p> <p>6. Adequate sanitation facilities for all islands in Kiribati</p>

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	<p>7. Work and/or liaise with ongoing Sanitation Infrastructure Projects <u>in the Outer Islands</u> to ensure knowledge and skills is transferred from projects and also that projects are implemented with the participation of <u>MISEMPWU</u>.</p>	
	<p>8. Represent the WSEU in national and international meetings on sanitation as required from time to time.</p>	
	<p>9. <u>Assist the SWSE with the review of National Sanitation Policy taking into account changing political social, economic and technical circumstances</u></p>	
	<p>8-10. <u>Assist in drawing up and submission of cabinet papers on sanitation issues.</u></p>	
	<p>11. <u>Assist the SWSE to manage the WSEU as required or when needed.</u></p>	
	<p>9-12. <u>Ensure effective coordination and partnership building with any other relevant sanitation related projects and networks (KNEG, DRM, etc) with other sectors to complement and minimize duplication</u></p>	

12. Key Challenges

1. Sanitation Facilities:
- Design of appropriate sanitation designs specific to the needs and situation of communities.

13. Selection Criteria

11.1 PQR (Position Qualification Requirement):

Education: Essential

- Bachelors Degree in Civil/ Environmental Engineering/ Geology /Water Resources Management or related field

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<ul style="list-style-type: none"> • Implementation of sanitation systems, in a particular on remote outer islands. • The post holder have to undertake advance calculations to analyse problems with sanitation designs and systems and based on the result propose various solutions. The post holder have to in some instances visit the site and make proposals <p>2. Decision making will also be a large component of this position. Decisions to be made will include (but are not limited to):</p> <ul style="list-style-type: none"> • How to balance the water needs of the current population, future populations, the environment, and development • Prioritising projects, given a limited budget <p>3. Candidate must be in good physical condition to undertake regular, physically demanding field work and will be willing to travel to any islands in Kiribati when required</p>	<p>Experience:</p> <ul style="list-style-type: none"> • Is able to demonstrate analytical and leadership skills • Working knowledge of design tools such as Auto CAD, Mike 11 and Mike Zero. • At least 1 year working experience in an engineering or water sector department. <p>Job Training: N/A</p> <p>Prerequisite:</p> <p>a. Key Attributes (Personal Qualities):</p> <p>2. Knowledge Understanding of sanitation issues in Kiribati including knowledge of applicable sanitation infrastructure. An understanding of water issues including the environmental, social and economic issues associated with the management, distribution, delivery and contamination of the water supplies is also an advantage.</p> <p>3. Skills: Proficient in design software with good supervisory skills on construction and installation.</p> <p>4. Attributes</p> <ul style="list-style-type: none"> - Highly self-motivated and conscientious person who does not require regular supervision - Creative - Organized - Hardworking - Productive - Reliable - A good team worker
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