

GOVERNMENT OF KIRIBATI

POSITION DESCRIPTION

1. Ministry: Ministry of Infrastructure and Sustainable Energy		
2. Position Title: Coastal Engineer	3. Salary Level: L9-7	4. Division: Civil Engineering Unit
5. Reports To: Senior Civil Engineer	6. Direct Reports: Senior Civil Engineer	
7. Primary Objective of the Position: To design, monitor and carry out testing on coastal related infrastructure development in both rural and urban area. To ensure road infrastructures are climate resilient design and well build on the islands.		

8. Position Overview	
9. Financial: NIL	10 Legal: Kiribati National Conditions of Service 2012 Traffic Act 2006 Civil Aviation Regulations Overseas Road Design Standard – for example Austro Road design guidelines.
11. Internal Stakeholders: <ul style="list-style-type: none"> • Supervisor • Colleague To be referred to Manager: <ul style="list-style-type: none"> • Externally request of technical advices and assistance • Standard Procedure on Coastal Guidelines • Complex design solution • Marine infrastructures Standard in accordance to AUS/NZS standard 	12. External Stakeholders: <ul style="list-style-type: none"> • Other Ministries • Public Servants • Urban and Rural Servants To be referred to Manager Senior Civil Engineer for guidance on coastal project development

This 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.

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13. KEY ACCOUNTABILITIES <i>(Include linkage to KDP, MOP and Divisional Plan)</i> <ul style="list-style-type: none"> ▪ KDP/KPA: ▪ MOP Outcome: ▪ Divisional/Departmental/Unit Plan: 		
Key Result Area/Major Responsibilities	Major Activities/Duties	Performance Measures/Outcomes
Office Activities	<ol style="list-style-type: none"> 1. Provide technical ability to assess existing coastal infrastructures. 2. Be innovative on concrete admixture to improve offshore developments 3. Coastal analysis in accordance to relevant design code 4. Develop seawall and offshore structures development design and advised on constructing drawings 5. Keep to up to date with relevant marine and coastal design code standard to purchase 	Recurrent activities manage to achieve on timely basis
Field Activities	<ol style="list-style-type: none"> 6. Onsite coastal construction verification first stage prior to constructing. 7. Coastal survey to develop detail design. 8. Collect coastal soil samples for testing. 9. Assist collecting coastal data for analysis. 	<p>Weekly or Monthly basis activities depend on civil construction work.</p> <p>Upon requested to investigate structural-ability of existing civil structures where duration depend on the size of structures</p>
Supervision	<ol style="list-style-type: none"> 10. Work closely with Senior Civil Engineer to ensure construction is accordance to design drawing 	Successful completion of bridges and costal structures.

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	11. To train other engineers utilize engineering software for road software analysis	Successful candidate that participate to contribute future development of civil structures
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10. Key Challenges	11. Selection Criteria
<ol style="list-style-type: none">1) Provide funding for effective engineering software and relevant standard from overseas.2) Able to liaise with client for best design solution for bridges and coastal structures.3) Be able to proactive enough to identify the upcoming issues to be encounter on bridge and coastal structures development	<p>11.1 PQR (Position Qualification Requirement): Qualification: Degree in Civil Engineering</p> <p>Experience: 1 years of working experiences on infrastructures development</p> <p>Job Training: To be trained on job or attached to any of engineering firm in relation to civil design work</p> <p>Prerequisite: NIL</p> <p>11.2 Key Attributes (Personal Qualities):</p> <ol style="list-style-type: none">1. Knowledge<ul style="list-style-type: none">• Coherent with appropriate standards• English Language• Customer Services• Education and Training• Occupation Heath and Safety2. Skills:<ul style="list-style-type: none">• Active listening• Critical thinking

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	<ul style="list-style-type: none">• Reporting• Highly engineering solving problem• Advance thinking in engineering judgment• Advance in Microsoft Project, Excel and Work and engineering software <p>3. Attributes</p> <ul style="list-style-type: none">• Concern for others• Understand key of moral ethics• Self Control• Integrity• Team work
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