

Terms of Reference

International Expert on the development of a Climate Roadmap towards achievement of SDGs in Papua New Guinea for a period of 2019-2030

Location:	Homebased, Port Moresby (PNG)
Type of Contract:	Individual Contract (IC)
Project:	UNDP PNG Country Office
Languages Required:	English
Starting Date:	17 June 2019
Duration of Initial Contract:	50 days over a period of June – August 2019

Project Description

PNG is a country in transition. With a young and dynamic population and an emerging economy, it faces a range of economic, social, environmental and geopolitical issues.

PNG's economy is largely supported by four sectorsⁱ: agriculture, forestry and fishing (19%); mining (10%); extraction of crude oil and petroleum (12%); and wholesale retail and trade (11%), which combined contribute to more than a half of PNG's GDP.

Agriculture, forestry and fishing combined are the largest sources of employment domestically, providing jobs to around 20% of the working population.ⁱⁱ Moreover, these sectors maintain a strong cultural connection with the citizens of PNG, whom have developed the necessary skills and knowledge to work the land over the course of many decades. Given this, the urgent need to raise the standard of living (PNG ranked 154 out of 187 countries on the Human Development Index in 2016ⁱⁱⁱ) and meet the growing international demand for timber products, food (which is set to double by 2050)^{iv} and other natural-resource based commodities, has encouraged Government to prioritise the scale-up of these industries.

However, PNG is currently experiencing a wide range of climate impacts. These include:

- More intense periods of rain associated with La Niña leading to higher risks of landslides and riverine and coastal flooding.
- Elevated convective environments which lead to growingly hazardous sea conditions.
- Higher storm surges, coastal flooding and saltwater intrusion caused by sea level rise.
- More frequent and stronger droughts (and accompanying frosts) driven by a higher frequency of, and or more intense, El Niño events.
- More frequent and intense cyclones and tropical storms.

Together, they point to the need for a multi-sectoral approach to addressing the impacts of climate change on Papua New Guinea.

The Sustainable Development Goals

The Sustainable Development Goals (SDGs) are the blueprint to achieve a better and more sustainable future for all. They address the global challenges the country faces, including those related to poverty, inequality, climate change, environmental degradation, prosperity, and peace and justice.

The SDGs interconnect and the international community has agreed that each goal should be achieved by the target date of 2030. They are underpinned by three principles. These are:

- All goals and targets are relevant to all Governments and actions.
- Policy integration means a balance of all three SDG dimensions – social, economic and environmental.
- No one should be left behind meaning that the SDGs should benefit all.

Action to address climate change featured in the development of the SDGs. This resulted in SGD 13. A common concern for much of the global community, climate action forms a theme that runs across the SDGs.

SDG 13 specifically calls for urgent action to combat the impacts of climate change. A number of indicators have been set against this SDG. They form part of a broader global indicator framework that was developed by the Inter-Agency and Expert Group on SDG Indicators. For SDG 13 more specifically, indicators include:

- Strengthening resilience and adaptive capacity to climate-related hazards and natural disasters in all countries.
- Integrating climate change measures into national policies, strategies and planning.
- Improving education, awareness-raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction and early warning.
- Implementing transparently the commitment undertaken by developed country parties to the UNFCCC to mobilise \$100 billion annually by 2020 to address the needs of developing countries.
- Promoting mechanisms for raising capacity for effective climate change-related planning and management in least developed countries and small island developing States, including focusing on women, youth and local and marginalized communities.

PNG has reiterated its commitment to address challenges to improve environmental protection and conservation, mitigate and adapt to the effects of climate change, and respond effectively to natural and human induced disasters. This includes adoption of the National Strategy for Responsible Sustainable Development (StaRS), Medium Term Development Plans (MTDPs), the Protected Areas Policy (2014), the National Climate Compatible Development Management Change Policy (2014), the Climate Change Management Act (2015), a draft Protected Areas Bill (2016), a National Energy Policy. Beyond this there has been investment in preparatory analysis to review and revise the national Disaster Risk Management

Framework and establish a national mechanism to reduce emissions from deforestation and forest degradation, and to conserve and sustainably manage existing forest carbon stocks (REDD+).

The Government of PNG, as a member of multilateral international agreements, with the support of the United Nations Development Programme (UNDP) and in close partnership with other development partners has been working to develop a roadmap to link its development challenges with the climate agenda towards achieving the SDGs by 2030.

Objectives

Under overall guidance of UNDP Deputy Resident Representative and direct supervision of UNDP Head of Portfolio on Environment, Climate Change and Disaster Risk Reduction, in close collaboration with the Climate Change and Development Authority (CCDA), the International Expert will be responsible for reviewing PNG's current progress on climate change and developing a Climate Roadmap towards achieving the Sustainable Development Goals for a period of 2019-2030.

Scope of Work

The SDG13 Roadmap will outline a set of tangible and high impact accelerators to reduce, prevent and reverse the negative effects of climate change in PNG on people and the land and set the country on course for achieving the SDGs. This document will serve not only as a Roadmap but a crucial advocacy tool to garner political will and influence development investment to tackle climate change as a truly urgent crosscutting national issue.

The localized SDGs and the national climate change commitments will be the key tenets of this Roadmap. Specifically, the document will outline actions towards reaching the Climate Compatible Development Management Policy (CCDMP) target of a 50% reduction in emissions by 2030. It will also enable partners to address evidence gaps that continue to hinder reporting commitments (i.e. SDG Reporting or the 2019 High Level Forum on Climate Change). The work will be framed to contribute to climate change relevant components of PNG's 2020 Voluntary National Review.

The SDG MAPS approach will be utilized for the preparation of the Roadmap's components. This will be combined with tools and approaches that support good climate change practice. The high impact accelerators will be identified through analysis and consultation, including but not limited to:

- **Socio-economic analysis of the impacts of climate change on Papua New Guinea over the medium to long term. This analysis should as a minimum address:**

- The climate events that Papua New Guinea is currently exposed to, and projected changes in the medium to long term.
 - Groups or regions that face heightened exposure or vulnerability due to geographic, social or economic factors, including diminished resilience due to recent disasters.
 - An assessment of the economic impact of these events on key industries, the economy as a whole and government revenues. This should also include an evaluation on the impacts of such events on people's livelihoods.
 - Advice on how this compares to other countries of a similar geographic and/or socio-economic profile.
 - The policy and practical measures that Papua New Guinea could take to better manage against such events.
- **A Road Map that presents how Papua New Guinea will implement SDG 13 and broader climate action efforts. This should provide detail on the following as a minimum:**
 - Efforts required by Papua New Guinea to successfully implement climate adaptation and mitigation measures to achieve SDG 13 by 2030.
 - How and what is required to achieve these actions by way of policy, action and programs.
 - Leveraging interlinkages with climate-aware actions planned under the other SDGs across Papua New Guinea, with particular focus on climate change embedded in food, water, agriculture, infrastructure and health goals. Identifying expenditure across sectors that is relevant to SDG13.
 - Which stakeholders are best positioned to deliver these actions under the leadership of the Government, including identification of existing commitments by development partners.
 - **Climate Change Development Opportunity Mapping:** Identification of climate change opportunities in all sectors against the SDG targets and relevant national, regional and global frameworks. This exercise must be linked with the National Development Strategies, including the United Nations Development Assistance Framework (UNDAF). It is expected to have a precise set of targets and indicators for a period of 2019 – 2030, thus, the Government of PNG is able to track the progress and monitor the achievement of national commitments towards SDGs and the Paris Climate Agreement.

Expected Outcomes/ Deliverables

Deliverables/ Outputs	Estimated Duration to Complete	Target Due Dates	Certifying/ Authorizing officer
<ul style="list-style-type: none"> Payment upon submission and acceptance of the Inception Report with proposed timeline and methodologies. 	5 days (home-based)	20 June 2019	Head of EEP Portfolio
<ul style="list-style-type: none"> Payment upon submission and acceptance of the Socio-economic analysis of the impacts of climate change on Papua New Guinea over the medium to long term. This must also include climate change analysis, opportunities, stakeholder engagement and advocacy instruments for PNG to achieve SDGs. 	20 days (5 days in-country 15 days home-based)	20 July 2019	Head of EEP Portfolio
<ul style="list-style-type: none"> Payment upon submission and acceptance of the Draft Road Map that presents how Papua New Guinea will implement SDG 13 and broader climate action efforts. 	15 days (15 days – home-based)	31 July 2019	Head of EEP Portfolio
<ul style="list-style-type: none"> Payment upon submission and acceptance of the Final Draft PNG's Climate Roadmap towards achieving SDGs. 	10 days (10 days home-based)	10 August 2019	Head of EEP Portfolio

Institutional Arrangements

The study will be conducted as a partnership and under the co-supervision of the UNDP and the Managing Director of the Climate Change and Development Authority (CCDA). CCDA will assist in ensuring meetings between the consultant and key national stakeholders as well as the collection of data required for this consultancy.

The UNDP PNG Country Office will provide financial and technical support for this consultancy.

Resources Provided

UNDP and CCDA will provide space for International Expert in Port Moresby. In the case of travel beyond initial deployment and final repatriation, payment of travel costs including tickets, lodging, and terminal expenses should be agreed upon between the respective business unit and Consultant prior to travel. These costs will be reimbursed where prior agreement is reached.

Duration of the Assignment

The work will be undertaken over approximately 50 days over a period of up to 3 months. The work will commence in June 2019 and must be completed by 31 August 2019. In accordance with expected outputs and deliverables, the Consultant will submit reports to the Head of UNDP Portfolio on Environment, Climate Change and Disaster Risk Reduction for reviewing outputs, comments, and certifying approval/acceptance of works afterwards.

In case of any delays to achieving the expected outputs, the Consultant should notify the Portfolio head in advance in writing and advise of necessary steps and actions to address such delays.

Duty Station

The duty station for this assignment is home based with a minimum of two missions to Port Moresby, PNG.

Education and experience

Education

- Master's Degree in development studies, international relations, natural resource management, development economics, finance, or a closely related field. Post-graduate degree (MSc) is an advantage.

Work experience

- A minimum of 10 years progressive experience in development studies, international relations, natural resource management, development economics, climate change, sustainable development and/or management or a related field.

- Minimum 5 years of experience with socio-economic public policy, Government programming, climate financing, resource management and/or economic development.
- Experience working in small island developing states on similar activities, with experience in PNG considered an advantage.

Competencies

- Fluency in written and spoken English.
- Strong inter-personal skills, in particular, demonstrated team leadership qualities and representational skills.
- Conveys complex ideas simply, in writing and orally.
- Displays cultural, gender, religion, race, nationality and age sensitivity and adaptability.
- High level planning, organizational and time management skills, including flexibility, attention to detail and the ability to work under pressure to meet challenging deadlines.
- Ability to quickly adapt to change and to remain calm under pressure.

ⁱ As defined in NSO's Papua New Guinea Standard Industrial Classification available from <https://www.nso.gov.pg/index.php/document-library?view=download&fileId=86>

ⁱⁱ According to ILOSTAT data http://www.ilo.org/gateway/faces/home/statistics?_adf.ctrl-state=frhi5hayi_4&locale=EN&countryCode=PNG. Although World Bank indicators place this figure a lot higher at 70%. <https://data.worldbank.org/indicator/SL.AGR.EMPL.ZS?locations=PG>

ⁱⁱⁱ <http://hdr.undp.org/en/countries/profiles/PNG>

^{iv} Valin et al, 2014. The future of food demand: understanding differences in global economic models. *Agricultural Economics*, 45: 51–67.

Evaluation

Cumulative analysis

The proposals will be evaluated using the cumulative analysis method with a split 70% technical and 30% financial scoring. The proposal with the highest cumulative scoring will be awarded the contract. Applications will be evaluated technically, and points are attributed based on how well the proposal meets the requirements of the Terms of Reference using the guidelines detailed in the table below:

When using this weighted scoring method, the award of the contract may be made to the individual consultant whose offer has been evaluated and determined as:

- a) Responsive/compliant/acceptable, and

b) Having received the highest score out of a pre-determined set of weighted technical and financial criteria specific to the solicitation.

* Technical Criteria weighting; 70%

* Financial Criteria weighting; 30%

Only candidates obtaining a minimum of 49 points in the Technical Evaluation would be considered for the Financial Evaluation. Interviews may be conducted as part of technical assessment for shortlisted proposals.

Criteria	Points	Percentage
Qualification		10%
<ul style="list-style-type: none"> Minimum university degree development studies, international relations, natural resource management, development economics, finance, or a closely related field. Post-graduate degree (MSc) is an advantage. 	10	
Experience		55%
<ul style="list-style-type: none"> A minimum of 10 years progressive experience in development studies, international relations, natural resource management, development economics, climate change, sustainable development and/or management or a related field. 	20	
<ul style="list-style-type: none"> Minimum 5 years of experience with socio-economic public policy, Government programming, climate financing, resource management and/or economic development. 	20	
<ul style="list-style-type: none"> Experience working in small island developing states on similar activities, with experience in PNG considered an advantage. 	15	
Competencies		5%
<ul style="list-style-type: none"> Fluency in written and spoken English. 	1	
<ul style="list-style-type: none"> Strong inter-personal skills, in particular, demonstrated team leadership qualities and representational skills. 	1	
<ul style="list-style-type: none"> Conveys complex ideas simply, in writing and orally. 	1	
<ul style="list-style-type: none"> Displays cultural, gender, religion, race, nationality and age sensitivity and adaptability. 	1	
<ul style="list-style-type: none"> High level planning, organizational and time management skills, including flexibility, attention to detail and the ability to work under pressure to meet challenging deadlines. 	1	
<ul style="list-style-type: none"> Ability to quickly adapt to change and to remain calm under pressure. 		

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Technical Criteria		70%
**If necessary interviews shall also be conducted as part of the technical evaluation to ascertain best value for money.		
Financial Criteria – Lowest Price		30%
Total		100%

Documents to be included when submitting Consultancy Proposals

The following documents may be requested:

- Duly executed **Letter of Confirmation of Interest and Availability** using the template provided by UNDP.
- Signed P11**, indicating all past experience from similar projects, as well as the contact details (email and telephone number) of the Candidate and at least three (3) professional references;
- Brief description** of why the individual considers him/herself as the most suitable for the assignment, and a methodology, on how they will approach and complete the assignment. Please paste the letter into the "Resume and Motivation" section of the electronic application.
- Financial Proposal** that indicates the all-inclusive fixed total contract price, supported by a breakdown of costs, as per template provided. If an Offeror is employed by an organization/company/institution, and he/she expects his/her employer to charge a management fee in the process of releasing him/her to UNDP under Reimbursable Loan Agreement (RLA), the Offeror must stipulate that arrangement at this point, and ensure that all such costs are duly incorporated in the financial proposal submitted to UNDP.

Lump-sum contracts

The financial proposal shall specify a total lump-sum amount, and payment terms around specific and measurable (qualitative and quantitative) deliverables (i.e. whether payments fall in instalments or upon completion of the entire contract). Payments are based upon output, i.e. upon delivery of the services specified in the TOR. In order to assist the requesting unit in the comparison of financial proposals, the financial proposal will include a breakdown of this lump-sum amount (including travel, living expenses, and number of anticipated working days).

Travel

All envisaged travel costs must be included in the financial proposal. This includes all travel to join duty station/repatriation travel. In general, UNDP should not accept travel costs exceeding those of an economy class ticket; should the IC wish to travel on a higher class, they should do so using their own resources.

In the case of unforeseeable travel, payment of travel costs including tickets, lodging, and terminal expenses should be agreed upon, between the respective business unit and Individual Consultant, prior to travel and will be reimbursed.

Submission Instructions

Proposals may be submitted on or before the deadline as indicated below. Proposals must be submitted using this generic email procurement.png@undp.org address only.

Incomplete proposals and failure to comply with proposal submission instruction may not be considered or may result in disqualification of proposal.

Completed proposals should be submitted using no later **than 12th June 2019**.

For any clarification regarding this assignment please write to Tirnesh Prasad on procurement.pg@undp.org

UNDP looks forward to receiving your Proposal and thank you in advance for your interest in UNDP procurement opportunities.