

CONSULTING REQUIREMENTS

Initiative:	Directorate of Technical Management / Strategic Dialogue and Capacity Initiative to Combat Climate Change	
Project:	CDKN	
Role:	Technical Advisor for the project Climate proofing the Sandy Bay water service improvement project, St Vincent	
Objectives of the role:	To strengthen the project technical outputs through review and input. The technical advisor will represent CDKN on the Steering Committee and give technical support throughout the project lifecycle, including the revision of deliverables	
Duración del contrato:	10 months (3 days per month)	
Lugar de trabajo:	Caribbean Region	
Honorarios:	£ 300 per day	

I. General Background:

The Climate and Development Knowledge Network (CDKN) supports decision-makers in designing and delivering climate compatible development (CCD). CCD is development that minimises the harm caused by climate impacts, while maximising the many human development opportunities presented by low emissions, more resilient future. Thus, CCD bridges climate change and development policy. CDKN does this by combining research, advisory services and knowledge management in support of locally owned and managed policy processes. We work in partnership with decision-makers in the public, private and non-governmental sectors nationally, regionally and globally. We hold strongly to the ideals of human development and environmental sustainability (www.cdkn.org).

CDKN is being managed by an alliance of partners led by PricewaterhouseCoopers (PwC) and comprising the Overseas Development Institute (ODI) and three regional partners – Fundación Futuro Latinoamericano (FFLA, Latin America), SouthSouthNorth (Africa) and LEAD Pakistan (Asia). Services are provided through a network of collaborating organisations and individuals around the globe. Please see www.cdkn.org for further information about CDKN.

CDKN is able to provide support through its alliance organizations and procure the best services from around the World by technical assistance, advocacy, and research. We strive to deliver the highest quality technical advice, forge uniquely effective partnerships, and drive the latest and best thinking on climate compatible development. Within the broad scope of climate compatible development, we work across four strategic themes:

- Climate compatible development strategies and plans

- Improving developing countries' access to climate finance
- Strengthening resilience through climate-related disaster risk management
- Supporting climate negotiators from the least developed and most vulnerable Countries

FFLA plays the role of Regional Facilitator for CDKN in LAC, and coordinates and implements CDKN activities in the region. The mission of FFLA is to promote constructive dialogue, strengthen civic, political and institutional capacities, and articulate processes for sustainable development in Latin America. To fulfil its mission and objectives, FFLA has structured its tasks through the Administrative and Financial Directions, Technical Management and Institutional Development.

The CDKN Latin America and Caribbean (LAC) program particularly, aims to leave a strong legacy in the region by building capacity, strengthening organizations and individuals' ability to design and deliver climate compatible development, and building robust networks. Currently, CDKN in LAC has national programmes in El Salvador, Peru, Colombia and a regional programme for the Caribbean. Additionally, CDKN implements projects at subnational level (Municipality of Quito, Lima, La Paz) and regional level (Amazon Basin).

II. CDKN in the Caribbean

CDKN's overall goal in the Caribbean is to support development and implementation of a common regional agenda for climate compatible development (CCD) through: strengthened regional leadership, a one-stop mechanism for coordinating climate finance, improved understanding of the evidence base, and the application of risk-based investment decision support tools.

CDKN, therefore, supported the Caribbean Community Climate Change Centre (CCCCC) in the development of the regional Implementation Plan (IP) for Delivering Transformational Change 2011-2021 to implement the CARIOM Regional Framework for Achieving Development Resilient to Climate Change. Key conditions for transformational change identified by the IP include awareness and behavioural change to incorporate a "risk management ethic" in core development decision-making and implementation in the region; as well as the need to mainstream CCD considerations in the key strategic sectors in the region. CDKN supported CCCCC in the development of the CCORAL risk assessment framework, toolkit and capacity building programme for non-climate experts in the Ministries of Finance and Planning in each of the countries in the region.

The IP highlights the water sector as the single most important cross-cutting issue for climate compatible development in the Caribbean, so between 2013 and 2014, CDKN supported the development of CCORAL-Water in collaboration with the Global Water Partnership-Caribbean, who delivers the Water, Climate and Development Programme (WACDEP) in the region, in partnership with CCCCC.

Most recently, CDKN has been supporting the Caribbean Community Climate Change Centre (CCCCC) and Global Water Partnership Caribbean (GWP-C) to mainstream climate compatible development into core decision making and implementation within the water sector in the

Caribbean region. This has involved the development of a Caribbean Climate Resilience and Water Security Investment Programme and Financing Plan (CReWSIP). Through the uptake of CReWSIP, decision makers will have an increased understanding and commitment to low/no-regrets investment for climate compatible development (CCD) and will be able to take a more coordinated approach to raising finance. The intention is for financial resources to be mobilised and leveraged at scale to enhance/support water security and climate resilient development. The CReWSIP project included the identification of a pilot water security project to be taken forward for climate proofing. This Terms of Reference is in relation to that pilot project.

Please note that this advertisement is for a technical advisor to project outlined below. The terms of reference for this role are detailed in section IV. The scope of the Sandy Bay water project will be delivered by another supplier, to be contracted and managed by CDKN.

III. Project Background - Climate proofing the Sandy Bay water service improvement.

Climate change and rising sea levels, together with the associated coastal erosion and salt water intrusion, an escalation in the frequency and intensity of tropical storms and hurricanes, resultant flash floods and disruptions in rainfall and the quality and quantity of fresh-water supply threaten the very existence of the Caribbean Community (CARICOM) countries.

Currently infrastructure development in Saint Vincent – and the larger Caribbean region - is achieved by applying a business-as-usual approach without incorporating climate-resilient considerations in project assessments and feasibility studies. By developing a new approach for the incorporation of climate-resilience parameters in this project, the pilot can showcase the success of said parameters in new infrastructure development. These parameters can be replicated in other water-related infrastructure developments throughout the Caribbean region through the dissemination of lessons learned based on the Saint Vincent pilot.

Objectives of the Project

- Increase the mobilisation of resources towards water infrastructure projects that increase climate resilience. By providing guidance, recommendations and technical support to the Central Water and Sewerage Authority in Saint Vincent and the Grenadines (CWSA), this project will assist them in applying for funding for a climate-proofed Sandy Bay water service improvement project.
- Demonstrate a compelling case for changing the business as usual model for investment in water security projects by analysing the costs and benefits of climate proofing water sector infrastructure investments, in this case the Sandy Bay water service improvement project.

- Increase knowledge and understanding in the region about climate-proofing of investments by sharing the results and lessons learned with key stakeholders, as well as integrating them into a proposed regional training programme for water operators on climate resilience.

Project scope of work

The project comprises two components with the following activities:

- Component 1 – Sandy Bay water supply improvement project climate proofing
 - Activity 1.1 – Inception phase
 - Activity 1.2 – Optioneering and selection of preferred option
 - Activity 1.3 – Identification and appraisal of adaptation measures
 - Activity 1.4 Preparation of project appraisal document
- Component 2 – Knowledge management and dissemination
 - Activity 2.1 - Preparation of a case study materials

Project Timetable:

No.	Deliverables	Proposed Due Date
1.	CDKN Objectives Form	January 2016
2.	Progress reports	February 2016 then bi-monthly reports
3.	Deliverable 1.1 – Inception report	
4.	Deliverable 1.2 – Sandy Bay optioneering report.	March – April 2016
5.	Deliverable 1.3 – Sandy Bay identification and appraisal of adaptation measures	May- Jun 2016
6.	Deliverable 1.4 – Sandy Bay project appraisal document	July - August 2016
7.	Deliverable 2.1 – Case study report and associated slide pack	September – October 2016
8.	CDKN Project close M&E documentation	October - November 2016

Project Governance and Project Management

The project will be managed through the CDKN regional office in Quito, Ecuador. The supplier will work closely with the CDKN team in designing and planning activities, engaging with stakeholders and monitoring progress against objectives. This will require ongoing engagement with the CDKN Project Manager in Quito, Ecuador and CDKN’s Country Support Team, based in London. The project will be overseen by a Steering Committee (SC), comprising of representatives from CCCCC, CDKN, CWSA and GWP-C, as well as relevant

technical experts. One of the responsibilities of the SC is to review will provide oversight of the project throughout delivery and approve the deliverables the supplier will have to submit according to the contract between PwC and the supplier.

The CDKN Project Manager will support the supplier in the implementation of the project together with representatives from the Steering Committee, who will provide comments on the process and quality of the deliverables. The supplier will be required to submit draft deliverables for the Steering Committee to review prior to the deliverable being deemed as final. In addition, certain products will be subject to further quality assurance from technical experts as necessary. The supplier will incorporate comments before submitting a final version of the deliverables. The final technical approval of deliverables will be the Steering Committee's responsibility and in case of no agreement, CDKN will facilitate the identification of a way forward.

For the knowledge products, the supplier will be required to liaise with the CDKN regional knowledge management coordinator. The technical advisor will represent CDKN in the SC and will support technically throughout the project lifecycle. In addition, the technical advisor will have permanent communication with the project manager (PM) designed in CDKN LAC for the final approval of the project according to CDKN guidelines.

IV. Term of Reference for the Technical Advisor:

In coordination with the project manager (PM), the technical advisor will be responsible for the following duties:

- Represent CDKN on the project Steering Committee, which would meet at least once a month (virtually if it is possible face to face)
- Provide technical support and advice during the project inception phase
- Provide written and oral technical review of key deliverables (project timetable) and manage the quality assurance processes throughout the project lifecycle. This includes identifying high-risk deliverables to the PM, which need additional quality assurance processes and helping to procure these services using the CDKN's guidelines.
- Provide advice on the technical direction of the project to the PM.
- Support the PM to work with the supplier team to provide feedback and improve deliverables.
- It is expected that this role will require 3 days/month for the duration of the project.

III. Requirements:

- Master's degree on environmental studies, economics, water/civil engineering, social sciences or development.

- At least 10 years of experience working in the Caribbean.
- At least 10 years of experience in at least one of the following areas: water resources management, water supply, engineer design, climate change, resilience, adaptation measures.
- Experience in environmental, water/civil engineering development or social project appraisal processes.
- Knowledge on the economics of adaptation.
- Knowledge and understanding of water infrastructure financing requirements and funding options.
- Demonstrated experience at least 2 years as a technical advisor on water supply projects
- Excellent communication skills, oral and written.
- Fluent English as mother tongue capabilities both written and spoken. Desirable knowledge of Spanish but not essential.

VI. Conditions

- To have permanent residence in the Caribbean Region.
- Internet access to hold communication via skype and other virtual means
- Availability and willingness to travel to St Vincent.

VII. Application process

Those who have the profile, motivation and commitment to take this position, please send a letter of interest and resume to the following address christian.lopez@cdkn.org, with copy to patricia.velasco@cdkn.org until February 1st 2016. Please put in the subject Technical Advisor.