

Request for Proposals: Support for Prioritized Activities to Achieve Jamaica's NDC Carbon Reduction Targets in the Water Sector

July 2024

BACKGROUND

The NDC Partnership

The NDC Partnership is a global coalition that works with national governments, international institutions, and civil society, to fast-track climate and development action. To date, the Partnership's membership brings together 126 countries—developed and developing—56 institutional members, and 40 associate members. Through the Partnership, members leverage their resources and expertise to provide countries with the tools they need to implement their NDCs to combat climate change and build a better future.¹

In 2015, the world endorsed the Paris Agreement and the 2030 Agenda for Sustainable Development. These historic accords presented countries with an unprecedented opportunity to align the climate and sustainable development agendas to spur economic growth and improve the livelihoods of all people. Nations signal their commitments to the Paris Agreement through Nationally Determined Contributions (or NDCs) - each country's strategy to cut its own greenhouse gas emissions and build resiliency against the negative effects of a changing climate. One of the unique value propositions that the NDC Partnership brings through its in-country work is leveraging the support from a consortium of partners towards a common objective set by the government. The Partnership, through its Country Engagement process, engages directly with ministries and other stakeholders to assess climate related needs and identify opportunities for collaboration around these needs—across sectors, regions, and international partners. Through targeted and coordinated technical assistance, members of the Partnership support countries with, for example, policy and strategy formulation for NDC mainstreaming, development of NDC implementation plans and resource mobilization, NDC revision and enhancement, or green economic recovery post-pandemic.

The NDC Partnership has been engaged with the Government of Jamaica (GOJ) since 2018, supporting revision, assessment and planning for NDC revision, implementation and coordinating its members to respond to requests for support. In 2020, the Government of Jamaica, through the Climate Change Division (CCD) in the Ministry of Economic Growth and Job Creation (MEGJC), with support from the World Bank through the NDC Partnership, developed its NDC, NDC implementation Plan and developed recommendations for a Long- Term Climate Change Strategy (LTS), that outlines the key outcomes and projects necessary to achieve Jamaica's NDC targets.

SUMMARY OF PROCUREMENT

¹ The NDC Partnership is hosted by the World Resources Institute in Washington DC, US; UNFCCC in Bonn, Germany; and UNOPS.

The NDC Partnership Support Unit intends to subgrant funding to contract a firm to support Jamaica's Energy Efficiency Improvement and Renewable Energy Systems Programme for the National Water Commission (NWC) through the development of a Technology Needs Assessment, Feasibility Study, Technology Action Plan, Procurement documentation and a Comprehensive Capacity Building and Training Programme on Energy Management. In addition, the firm will play a key role in ensuring that the consortium of partners involved delivers a cohesive package of outputs to NWC. This subgrant agreement will run until July 2025.

The overall purpose of the consultancy is to support Jamaica's National Water Commission (NWC) to implement a comprehensive Renewable Energy and Energy Efficiency programme by developing a Technology Needs Assessment (TNA) and Feasibility Study which consists of detailed strategies required to achieve measurable improvements in Energy Efficiency (EE) and implementation of Renewable Energy (RE) solutions. This support will provide the required foundation for the implementation of an integrated EE and RE Programme that will reduce Energy Intensity at NWC facilities.

SCOPE OF WORK AND DELIVERABLES

The Government of Jamaica remains committed to increase energy efficiency, reduce emissions and increase renewable energy generation in the water sector. As such, a Nationally Appropriate Mitigation Action (NAMA) in the water sector (2020-2030) was completed in 2019 to improve energy efficiency of water supply by 10% and increase Solar PV installed by 15MW. All these activities support the National Water Policy and Implementation Plan, that aims to improve the energy efficiency of water supply and increase share of renewables. This support will be the foundation for the implementation of an integrated EE and RE programme that will reduce the Energy Intensity at NWC Facilities. The NWC currently depends on the National Utility Grid for electricity and is the largest consumer of electricity, with consumption averaging over 200GWH. Jamaica's usage of fossil fuels to generate electricity is approximately 80-85%.

This support will contribute to the GOJ's objective to reduce Energy Intensity in the water services sector by 10% and achieve energy savings of 19,800 MWh-year by 2030 in accordance with Jamaica's NDC Implementation Plan.

The objective of this request is to conduct a comprehensive inventory of all 70 prioritized NWC Potable and Wastewater facilities to include comprehensive energy audits of at least 30 prioritized facilities in order to:

- Develop a Technical Needs Assessment (TNA).
- Conduct a Feasibility Study to determine the most beneficial EE and RE solutions and to rank facilities based on importance/priority for EE improvements/ Interventions.
- Develop a Technology Action Plan (TAP) for: Detailed Plans, Financial Structuring, and steps for the implementation of prioritized EE and RE Solutions for the preparation of Procurement and Implementation Plans, Procurement/Bidding documentation inclusive of draft agreements and management of process bidding/tender process for prioritized projects.

Another key objective of this support is to provide a comprehensive capacity building training programme for RE and EE implementation to include training on Information Systems, Planning and Monitoring, Renewable Energy Systems and Application, and Solar PV Design and Maintenance for

select NWC staff and partner organizations.

The consultancy firm will meet with the National Water Commission, the Climate Change Division and any other key partners identified every 2 weeks or as needed to provide an update on progress.

The technical assistance is estimated to begin in August 2024 and end in July 2025.

Key Deliverables

1. Inception report including a detailed work plan and implementation schedule.
2. Report on Technology Needs Assessment and Prioritization of Facilities
3. Report on Energy Audits conducted.
4. Feasibility Study on RE and EE solutions for prioritized facilities
5. Technology Action Plan to include procurement and implementation plans, procurement/bidding documentation.
6. Capacity Building training plan and workshops conducted based on key areas identified.
7. Consolidated Report on capacity building workshops

Institutional Arrangements

The consultancy firm will work closely with the National Water Commission, Climate Change Division (CCD) to ensure alignment of priorities and consultations. The firm will also engage various agencies and key stakeholders in addition to the NDC Partnership Support Unit.

Submission and Approval of Reports

The consultancy firm will produce the reports/deliverables as indicated above. All deliverables must be approved by the NWC.

PROPOSAL SUBMISSION AND EVALUATION

Content

Interested applicants should submit the following:

- Technical proposal: describing implementation approach, proposed work plan and timeline (max 3 pages)
- Organizational capacity and experience: CVs and roles of proposed team members, examples and references with contacts of similar previous work
- Detailed budget with breakdown by deliverable

Evaluation criteria

The following elements will be the primary consideration when evaluating proposals in response to this RFP.

- Completeness of all required elements
- Experience with similar projects
- Vendor's technical expertise relevant to the stated requirements of the RFP

- Vendor's proposed methodology and ability to complete the activities within the set timelines
- Overall cost of the vendor's proposal and best value for money.

Selection process

No proposal development costs shall be charged to the NDC Partnership Support Unit; all related expenses are to be borne by the bidders. The Support Unit may award the bidder offering the best value for money without discussion. However, the Support Unit reserves the right to seek bidder clarifications and to negotiate with those bidders deemed to be within a competitive range. The Support Unit may, at its discretion and without explanation to the prospective vendors, choose to discontinue this RFP without obligation to such prospective vendors or make multiple awards under this RFP.

Submission and timeline

Please send your proposal documents (incl. technical proposal, experience, and detailed budget) to:

- Isabel Pasternack isabel.pasternack.5@ndcpartnership.org
- Christine Luttmer christine.luttmer@ndcpartnership.org
- Caroline Carr caroline.carr@ndcpartnership.org.

All proposals must be received by **5:00 pm EST on Friday, 9 August 2024** in electronic format to the contacts listed above.

We will consider applications as they are received. Only short-listed candidates will be contacted, and final terms will be discussed upon selection.

Please use the following format for the email subject line: ***NWC Support_Jamaica_OrgName.***