

IMPLEMENTING SUSTAINABLE LOW AND NON-CHEMICAL DEVELOPMENT IN SMALL ISLAND DEVELOPING STATES (ISLANDS) PROJECT PREPARATION GRANT PHASE

**(Antigua and Barbuda, Barbados, Belize, Dominican Republic, Guyana, Saint Kitts
and Nevis, Saint Lucia, Suriname and Trinidad and Tobago)**

TERMS OF REFERENCE (16/03/2020)

ENVIRONMENTAL ECONOMIST

to Assess Trade Flows and Practices for the Management of End of Life Vehicles

(Reference Number: BCRC#10185_2020_008)

BACKGROUND

Under the Programming Directions for the 7th funding cycle of the Global Environment Facility (GEF 7), a specific allocation was made for Least Developed Countries (LDCs) and Small Island Developing States (SIDS) for chemicals and wastes management. The programme entitled ISLANDS – Implementing Sustainable Low and Non-Chemical Development was approved by the GEF Council in June 2019 (GEF ID 10185).

This global programme seeks to address the sound management of chemicals and waste through strengthening the capacity of sub-national, national and regional institutions, strengthening the enabling policy and regulatory framework in these countries and unlocking resources to implement sound management of chemicals and waste. This will be achieved by:

- Implementing Sustainable Low and Non-Chemical Development Strategies in SIDS and LDCs;
- Promoting Best Available Techniques (BAT) and Best Environmental Practices (BEP) to reduce mercury and Unintentional Persistent Organic Pollutants (UPOPs) releases from sectors relevant to the Minamata and Stockholm Conventions in SIDS and LDCs
- Promoting cleaner health-care waste management based on the lessons learnt from GEF funded healthcare waste projects to reduce UPOPs and mercury releases;

Parties consenting to be served by the Centre:

Antigua & Barbuda Commonwealth of the Bahamas Barbados Belize The Republic of Cuba The Commonwealth of Dominica The Dominican Republic
The Republic of Guyana Jamaica The Federation of Saint Kitts and Nevis Saint Lucia Saint Vincent and the Grenadines Suriname The Republic of Trinidad and Tobago

- Strengthening the management system for e-waste, addressing all stages of the life cycle (i.e. acquisition of raw materials, design, production, collection, transportation and recycling) in SIDS and LDCs;
- Phasing out of mercury-containing products;
- Undertaking gender mainstreaming and project monitoring and evaluation; and
- Developing a strategy to ensure that technical assistance and investments are firmly linked to enhance countries' ability to deal with the management of POPs and mercury in a sustainable manner.

This ISLANDS programme covers three (3) geographical regions including the Caribbean, Indian Ocean and Pacific Islands and is being implemented by the United Nations Environment Programme (UNEP), The United Nations Development Programme (UNDP), The United Nations Food and Agricultural Organisation (FAO) and the InterAmerican Development Bank (IDB).

The ISLANDS programmatic framework has been designed to ensure that lessons and knowledge from each of the child projects are captured and shared among SIDS globally. The aim is to facilitate the replication and scale-up of initiatives based on lessons learnt, the demonstration of best practices and fostering increased south-south cooperation. The ISLANDS programme will support 27 SIDS. SIDS not included in the ISLANDS programme will be informed of the results of the programme.

The two Caribbean Projects will be implemented by UNEP/FAO and IDB, respectively. The BCRC-Caribbean will execute the UNEP project for the nine (9) participating countries including Antigua and Barbuda, Barbados, Belize, Dominican Republic, Guyana, Saint Kitts and Nevis, Saint Lucia, Suriname and Trinidad and Tobago. For this project, the details of the Components and Activities are detailed below:

COMPONENTS AND ACTIVITIES OF THE PROJECT

The overall project components and their related activities are:

1. Component 1: Preventing the Future Build-Up of Chemicals in Caribbean SIDS

Activities include (i) establish standards and build capacity to control/limit and prevent the import of hazardous chemicals, products containing hazardous chemicals or products that will result in hazardous waste (including single-use plastics); (ii) train the customs/border control and trade officers, environmental inspectors as well as officers responsible for the sound management of chemicals; (iii) develop the regulatory/policy framework and standards for environmentally sound management of POPs, mercury, medical waste, e-waste, used oil, used lead acid batteries, end-of-life vehicles and assess the cost implications; (iv)

Identification, assessment, validation of alternative products and chemicals products that meet the standards of the region.

2. Component 2: Safe Management and Disposal of Existing Chemicals, Products and Materials within the Caribbean SIDS

Activities include (i) supporting the establishment of integrated waste management strategy for products which are currently in the countries and (ii) the safe handling, treatment and where necessary disposal of existing chemicals, products and materials that contribute to the emissions of POPs and mercury. Regional approach will be implemented due to the small population size of the countries in the region.

3. Component 3: Safe Management of Products Entering SIDS/Closing Material and Product Loops for Products Entering the Caribbean SIDS

Activities include the (i) development of legislation (where necessary) to support extended producer responsibility and other appropriate measures for imported products (ii) development of national and or regional private sector partnerships to improve national and regional recycling initiatives according to economies of scale; (iii) reduction of residual landfill waste through composting activities;

4. Component 4: Knowledge Management and Communications

Activities will include the generation and development of case studies, guidelines, sharing of knowledge on best practices and technologies related to chemicals and waste management for SIDS. These materials will be shared with Knowledge Management (KM) Child Project. Conversely it is expected that additional activities will occur under this component to disseminate knowledge from the KM project to Caribbean stakeholders in cooperation with local NGOs. There will be a focus on reaching vulnerable groups, including indigenous populations, and looking at gender considerations.

In this regard, the Basel Convention Regional Centre for Training and Technology Transfer in the Caribbean (BCRC-Caribbean), in its role as project executing agency, has recruited and undertaken national baseline collection with a team of four (4) consultants (Project Manager, Waste Management Specialist, Legal Expert and Customs Expert). Following this work, the BCRC-Caribbean is seeking to recruit a suitably qualified and experienced consultant, team of consultants or consultancy firm to act as the Environmental Economist for assessing trade flows and practices related to the management of end of life vehicles for the Project Preparation Grant (PPG) phase.

DESCRIPTION OF REQUIRED SERVICES FOR THIS CONSULTANCY

While the main goal of this consultancy is to fully conceptualise the UNEP/FAO child project, some key sections (as described below) will be common to the IDB child project and therefore, close collaboration is expected with the IDB and their consultants' team. Under the guidance of the BCRC-Caribbean and in close collaboration with the national working groups and supervisors of the project countries, the Consultant will undertake the tasks outlined below, utilising, but not limited to, the following documents prepared by the Waste Management Specialist, Legal Expert and Customs Expert:

- Waste Baseline Study Chapter,
- Chapter on Current Waste Management Practices and Institutional Capacity,
- Chapter on Identification of Key Trends and Market Needs and Identification of Appropriate Handling Mechanisms,
- Waste Management Recommendations Report,
- Legislative, Policy and Institutional Report, inclusive of the Baseline Chapter, Gap Analysis Chapter and Recommendations Report, and
- Final Customs and Excise Framework and GHS Implementation Recommendations Report.

The Environmental Economist will:

- Examine the current flows / supply chain of end of life vehicles in three (3) to five (5) case studies demonstrating existing mechanisms for end of life vehicles (ELVs) management.

For each case study, the examination should include:

- A desktop description and assessment of ELVs management practices in the formal and/or informal sectors in the selected case studies;
 - Mechanisms in place to reduce releases of hazardous components of ELVs;
 - Legal and regulatory infrastructure in place;
 - Economic, social, health and environmental impacts;
 - A preliminary cost / benefit analysis; and
 - A SWOT analysis.
- Based on the results of the examination of the selected case studies and global best practices, provide recommendations/ guidelines for the environmentally sound management of ELVs in the Caribbean and Latin American region, including:

- Existing and potential opportunities for regional cooperation for ELVs management;
- Potential economic opportunities;
- Example regulatory measures that could be implemented to support the improved management of ELVs; for example, the restriction of the import of old vehicles; and
- Barriers to and needs for implementing the recommended interventions.
- Carry out a preliminary feasibility analysis on the identified interventions.

EXPECTED OUTPUTS

- Workplan
- Assessment Report on the examination of 3 – 5 case studies for ELVs management
- Draft Recommendations Report
- Final Recommendations Report including Alternative Scenario Text, activities and associated budget for Component 3 in collaboration with the team and an Estimation of Global Environmental Benefits (as per project indicators)

QUALIFICATIONS, EXPERIENCE AND SKILLS

Functional competencies:

- Strong interpersonal skills, communication and diplomatic skills, ability to work in a multidisciplinary team;
- Good writing and reporting skills;
- Good presentation skills;
- Strong facilitation skills;
- Ability to work under pressure and stressful situations, and to meet tight deadlines.

Education and Experience:

- Education: Advanced University Degree in Environmental Economics, Environmental Sciences, Environmental Engineering, Natural Resource Management, Sustainability or any other related field;
- Work experience: At least 7 years' experience in conducting socio-economic assessments with relevance to chemicals and waste management;
- Proven knowledge of ELVs management strategies including life-cycle management, collection systems, waste segregation, material recovery and

recycling, BAT/BEP to reduce releases of PBDEs and other POPs, mercury and other harmful chemicals, and public-private partnerships;

- Project development and project financing experience is highly desired;
- Experience in conducting stakeholder meetings and desktop reviews is desired;
- Relevant experience in Latin America and the Caribbean region is highly desired;
- Experience working with UN agencies and GEF is desired;
- Language: English required, Spanish desired.

NOTE: The working language of the BCRC-Caribbean is English.

DURATION

The tasks of this consultancy are estimated to be completed between April 2020 and the end of May 2020.

USEFUL LINKS

https://www.thegef.org/sites/default/files/council-meeting-documents/GEF-7%20Programming%20Directions%20-%20GEF_R.7_19.pdf

<https://www.thegef.org/content/c56-work-program-submitted-council-approval> (go to **GEF ID 10185**)

<http://www.basel.int/Implementation/CountryLedInitiative/EnvironmentallySoundManagement/ESMToolkit/Overview/tabid/5839/Default.aspx> (**Basel Convention ESM Toolkit**)

<http://www.basel.int/Implementation/TechnicalMatters/DevelopmentofTechnicalGuidelines/TechnicalGuidelines/tabid/8025/Default.aspx> (**Basel Convention Technical**

DOCUMENTS TO BE INCLUDED WHEN SUBMITTING THE PROPOSAL

1. Technical Proposal describing how one will approach and complete the assignment. This should include the Consultant's methodology and work implementation plan, qualifications and experience of personnel, and non-financial resources to be assigned;
2. Curriculum/ Curricula Vitae (CVs) of key personnel;
3. Sample report/ document authored by the Consultant;
4. Financial Proposal, which is to be separated into the Consultant's fees in United States (US) Dollars, matched up against key milestones and deliverables

REMUNERATION

- A total gross fee to the Consultant(s) inclusive of all taxes will be agreed on and mentioned within the contract based on the financial proposal developed and negotiated cost for this consultancy.
- Payment shall be made in instalments based on key deliverables identified within the contract and agreed on between the BCRC-Caribbean and the Consultant(s).

QUERIES

Interested bidders may submit all queries in writing to:

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| <p>Ms. Analissa Rasheed Project Execution Officer Email: analissa.rasheed@bcrc-caribbean.org Phone: (868) 628-3829 / 9372</p> | <p>Ms. Leselle Vincent Research Assistant Email: lesellek.vincent@bcrc-caribbean.org Phone: (868) 628-3829 / 9372</p> |
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BID SUBMISSION

Interested bidders are invited to apply by submitting a detailed technical and financial proposal **via email** to:

Ms. Jewel Batchasingh

Director (Ag.)

Basel Convention Regional Centre for Training and

Technology Transfer for the Caribbean

#8 Alexandra Street, St. Clair,

Port-of-Spain,

Trinidad and Tobago.

Email: jewel.batchasingh@bcrc-caribbean.org and info@bcrc-caribbean.org

The deadline for the submission of proposals is **6:00pm (Trinidad and Tobago, GMT - 4) on March 22nd, 2020**. Any bids received after this time will be rejected **immediately**.

NOTES:

- When submitting bids, bidders must ensure that all documents are labelled clearly.
- Bid documents shall remain the property of the BCRC-Caribbean.
- The BCRC-Caribbean reserves the right to accept or reject any bid, and to cancel the bidding process and reject all bids, at any time prior to the award of Contract, without thereby incurring any liability to the affected bidder.
- The BCRC-Caribbean is not bound to accept the lowest Financial Bid.

- The successful bidder will be notified in writing of the award of contract and provided with an authorisation to proceed. The successful bidder shall be required to enter into an appropriate Contract based on the tender documents and incorporating any other appropriate provisions within that period.
- The successful bidder shall not be eligible for participation in the post PPG stage of this project.
- **The successful candidate will be expected to start work as of April 6th, 2020 and MUST indicate their availability in their submission.**