

Invitation for Open Tender: Transformation of PET Bottles into Textile Products and Cross-Border Transportation between St. Kitts and Nevis and Taiwan.

Project: Recycling initiative to convert PET bottles into textile products.

Job Number: TTMSKN 2024110102

Procuring Entity: Taiwan Technical Mission in St. Kitts and Nevis.

Date: November 26, 2024 to December 11, 2024, at 5pm.

Closing Date for Tender Submission:

1. Contact Person of Procuring Entity.

Ms. Joyce Chang

Contact Number: 1-869-662-9730

Email: c.j.chang@icdf.org.tw

Mr. Roy Y. H. Lo

Contact Number: 1-869-662-8460

E-mail: tm.saintkitts.nevis@icdf.org.tw

2. Project Overview.

The Government of Saint Kitts and Nevis, in collaboration with Taiwan, invites bids for a project to recycle PET bottles into eco-friendly textile products. This initiative includes transforming PET bottles into high-quality textiles and managing international transportation between Saint Kitts and Nevis and Taiwan.

This open tender consists of two components:

- **Project A:** Converting PET bottles collected in Taiwan into eco-friendly polo shirts, then shipping them to Saint Kitts and Nevis in a 20ft container.
- **Project B:** Use of a 40ft container to transport PET bottles collected in Saint Kitts and Nevis to Taiwan, where they will be processed into sustainable shopping bags, and then shipped back to Saint Kitts and Nevis in a 20ft container.

Qualified contractors with expertise in sustainable textile production and logistics are encouraged to apply.

3. Project Scope and Deliverables.

The selected service provider will be responsible for the following:

i. **Project A: Convert Taiwan PET Recycled Bottles into Eco-Friendly Polo Shirts:**

a) **Objective:**

- 1) Produce 5,500 polo shirts made entirely from Taiwanese recycled PET bottles.

b) **Deliverables:**

1) **Design and Manufacture**

- Provide the design for the eco-friendly items
- Polo shirts in various sizes for children and adults, made from 100% recycled polyester
- Labeling requirements include manufacturer details, composition, origin (Made in Taiwan), and eco-friendly information.

2) **Quantity and Sizes:**

- **Children:** 4,000 pieces (Sizes S, M, L, XL)
- **Adults:** 1,500 pieces (Sizes S to 4XL)

3) **Timeline:**

- Provision of design: December 2024.
- Production: December 2024- March 2025.
- Shipment to St. Kitts and Nevis: Completed by May 2025.

4) **Promotional Video:**

- Capture and deliver video footage of the production process for promotional use.

ii. **Project B: Convert Saint Kitts and Nevis PET Recycled Bottles into Eco-Friendly Shopping Bags:**

a) **Objective:**

- 1) Produce 3,000 shopping bags made from PET bottles collected in Saint Kitts and Nevis.

b) Deliverables:

1) Design and Manufacture

- Provide the design for the eco-friendly shopping bags
- Produce shopping bags designed to hold up to 7 kg, using 100% recycled polyester from Saint Kitts and Nevis PET bottles.

2) Quantity and Sizes:

- 3,000 shopping bags

3) Dimensions: 40cm (H) x 50cm (W) x 20cm (D) with a 20cm handle.

4) Transportation

- Transport completed bales of PET recycled bottles from St. Kitts to Taiwan in a 40ft container

5) Promotional Video:

- Capture and deliver video footage of the production process for promotional use.

6) Timeline:

- Provision of design: December 2024
- PET Bottle Collection and Shipment to Taiwan: December 2024 – February 2025
- Pre-production Process: March 2025- June 2025
Includes:
 - (i) bottle processing and sterilization
 - (ii) shredding and melting
 - (iii) spinning and weaving
- Production: June 2025- September 2025
Includes:
 - (i) cutting and sewing
 - (ii) dyeing
 - (iii) production of shopping handbags
- Shipment to St. Kitts and Nevis: September 2025- December 2025
- Provision of raw footage for video production: Needs to be provided by December 2025

Phase One: Shipment of 40ft container from St. Kitts and Nevis to Taiwan.

c) Customs Clearance

- 1) Handle and manage all documentation and processes required for customs clearance in both St. Kitts and Nevis and Taiwan, ensuring compliance with local and international regulations for transporting recyclable materials.

d) Insurance

- 1) Provide insurance coverage for the container, including contents, against damage or loss during entire shipping process.

e) Tracking & Reporting

- 1) Offer real-time tracking and reporting throughout the transportation process. Provide regular updates on the status of the shipment, including loading, departure, and arrival at the port in Taiwan.

Phase Two: Return Shipments from Taiwan to St. Kitts and Nevis

f) Container Loading

- 1) Arrange for loading of eco-friendly products (recycled polo shirts and shopping bags) into 20ft container at the designated facility in Taiwan.

g) Transportation

- 1) Ensure safe transport of the 20 ft container from Taiwan to St. Kitts and Nevis.

h) Customs Clearance

- 1) Handle and manage all necessary customs documentation and procedures for the return shipment to St. Kitts and Nevis.

i) Insurance

- 1) Cover the shipment under a comprehensive insurance policy for transit from Taiwan to St. Kitts and Nevis.

j) Tracking & Reporting

- 1) Offer real-time tracking and reporting throughout the transportation process. Provide regular updates on the status of the shipment, including loading, departure, and arrival at the port in St. Kitts and Nevis.

k) Delivery to Final Destination:

- 1) Ensure safe delivery to the designated location in St. Kitts and Nevis, with unloading services included.

4. Technical Requirements

Considering that this project involves multiple services (such as cargo transportation, treatment and processing of recycled PET bottles, design and production of recycled products, and provision of video materials), it is challenging for a single contractor to undertake all aspects comprehensively. Therefore, contractors are permitted to form joint bidding teams. The joint team must designate one company as the primary contractor, responsible for overall coordination, management, and payment matters, working collaboratively with other specialized subcontractors to complete various project tasks.

The primary contractor must provide a reliable list of cooperating or partnering subcontractors, ensuring that all partners possess the qualifications and capabilities relevant to their services. The following outlines the qualifications and requirements for the respective contractors:

- 1) **Cargo Transportation:** Must hold a license for container shipping and have practical operational capability.
- 2) **Waste Collection and Treatment:** Must possess environmental permits for the import, collection, and treatment of waste, along with relevant experience and execution capabilities.
- 3) **Design and Production of Recycled Products:** Must have the technology and experience to transform recycled PET bottle materials into clothing or shopping bags.
- 4) **Primary Contractor:** Must have the capability to coordinate and manage all collaborating contractors. Experience with similar projects is preferred.

5. Bid Submission Requirements

Interested bidders are required to submit the following documents:

- 1) **Company Profile:** A brief company introduction, including relevant experience in transporting recyclable materials, transformation of recyclable material to textiles, and handling international shipments.

- 2) **Technical Proposal:** A detailed approach for executing the project, including the methods for processing PET bottles into recycled polyester fiber and manufacturing end products, logistics plan, shipping timeline, and quality assurance measures.
- 3) **Financial Proposal:** Separate cost breakdowns for Project A and Project B, including material, production, transportation, customs clearance, promotional media expenses, and any additional fees.
- 4) **Past Performance:** References or case studies of similar projects completed in the past.
- 5) **Insurance Details:** Proof of valid insurance coverage for container transport.
- 6) **Compliance Certificates:** Documents certifying compliance with international shipping standards, environmental regulations, and local customs procedures.

The Taiwan Technical Mission reserves the right to accept or reject any or all tenderers, to negotiate with any or all tenderers, to waive any minor irregularities or errors, and to cancel the tendering process at any time without prior notice.

6. Conditions and Payment Terms

The successful tenderer must agree to the following conditions:

- a) **Service Contract:** A formal agreement will be signed between both parties outlining project terms.
- b) **Payment Terms:**

The payment terms of the successful tenderer are as follows:

- (i) **Advance Payment (30%):** Payable upon project commencement, i.e., after signing the contract.
- (ii) **1st Interim Payment (20%):** Payable upon completion of the shipment of the eco-friendly clothing made from recycled PET bottles originating from Taiwan.
- (iii) **2nd Interim Payment (30%):** Payable upon the shipment of eco-friendly bags made from PET bottles recycled in Saint Kitts and Nevis, shipped from Taiwan.
- (iv) **Final Payment (20%):** Payable upon receipt of all recycled by-products and supporting video production materials.

7. Address for Receipt of Tender

Taiwan Technical Mission Office, Wellington Road, Needsmust (opposite FLOW playground), Basseterre, St. Kitts.

8. The time limit for Receipt of the Tender

Please deliver the quotation (breakdown of the detailed price) and other supporting documents to the Taiwan Technical Mission Office from Tuesday, November 26th, 2024 to Wednesday, December 11, 2024 at 17:00.

Late submissions will not be accepted.

The selected bidder must adhere to the project's timeline. Failure to meet deadlines may result in penalties.

9. Time for Opening Receipt of Tender

Open bidding should be on Wednesday, December 11, 2024 at 17:30. The tenderers or their authorized representatives are invited to attend at Taiwan Technical Mission Office the opening session.

We look forward to receiving your proposals.