**Appendix B**

**Scope of Work**

**Scope of Work: Recycling PET Bottles into Sustainable Textile Products.**

1. **Project Overview**

To support St. Kitts and Nevis in managing waste sustainably, this project focuses on transforming PET bottles into eco-friendly textiles, including recycled polyester polo shirts and shopping bags. The project will leverage Taiwan’s experience in recycling and textile technology, aligning with St. Kitts and Nevis's plastic reduction initiatives.

1. **Timeline**

The project is planned for a 14-month period, divided into **two projects:**

1. **Eco-Friendly Clothing Production (6 months):**

Recycling PET bottles from Taiwan to produce polo shirts, with completion

targeted within six months.

1. **Recycled Shopping Bags Production (14 months):**

Using PET bottles collected in St. Kitts and Nevis, which will be transported to Taiwan, processed into recycled polyester yarn, and crafted into shopping bags over 14 months.

1. **Key Tasks and Responsibilities**
2. **Logistics and Transportation**

**Project A**

1. Secure and transport a 20-foot container to deliver completed polo shirts to St. Kitts and Nevis.

**Project B**

1. Secure and transport a 40-foot container of compressed PET bottle bales from St. Kitts and Nevis to Taiwan.
2. Deliver completed shopping bags to St. Kitts and Nevis via a 20-foot container.
3. **Product Design and Production**

**Project A**

1. Design and manufacture 5,500 recycled polyester polo shirts (4,000 children’s sizes, 1,500 adult’s sizes) from Taiwan-sourced PET bottles.

**Project B**

1. Design and produce 3,000 eco-friendly shopping bags from PET bottles collected in St. Kitts and Nevis, with specifications ensuring durability and usability for grocery shopping.
2. **Promotional Media Content**
3. Capture the full production process in photos and videos, from collection and transportation to production and final distribution, and any other key personnel interviews.
4. Provide raw footage to ICDF within a month after the final distribution.
5. **Deliverables**

|  |  |  |
| --- | --- | --- |
| Scope | Project A | Project B |
| Provision of 40-foot Container for shipment to Taiwan |  | ✓ |
| Design and Manufacturing of eco-friendly items | ✓ | ✓ |
| Provision of 20-foot Container for shipment of completed eco-friendly items to St. Kitts | ✓ | ✓ |
| Provision of footage showcasing the process from start to finish | ✓ | ✓ |

ii) **Eco-Friendly Recycled Items Manufacturing Requirements**

The Manufacturing Requirements of the items are as follows:

|  |  |  |
| --- | --- | --- |
| Specification | Eco-Friendly Clothing | Eco-Friendly Shopping Bag |
| Style | * Polo Shirts | * Horizontal Shopping Bags * Designed specifically for shopping * Load capacity of at least 7kg |
| Donation Targeted Audience/ Amount/Size | * Citizens of St. Kitts and Nevis * Total: 5,500 pieces  Kid’s (Ages 6-12)4000 pieces  * S= 1,200 * M= 1,200 * L= 1,000 * XL= 600 * Adults   1,500 pieces   * S= 100 * M= 200 * L= 300 * XL= 300 * 2XL= 300 * 3XL= 200 * 4XL= 100 | * Citizens of St. Kitts and Nevis * Total: 3,000 pieces   40cm (H) x 50cm (W) x 20cm +20 (handle length) |
| Colour | * Light Coloured | * Light Coloured |
| Product Specifications | 1. Material: 100% Recycled Polyester. 2. Shrinkage Rate: Within ±3.0%. 3. Colourfastness to Washing: Grade 4 or above for both staining and colour change. 4. Product Labelling Requirements:  * Manufacturer's name and contact information (in English and Chinese) * Material composition and percentages (in English) * Country of origin: “MADE IN TAIWAN” * Recycled material content and carbon * reduction information   Additional care instructions as applicable | |
| Additional Notes | In the event there is any surplus fabric during the manufacturing process, it will be shipped back to St. Kitts and Nevis and donated to government or other related social welfare organizations. | |