

**PROPOSAL**

**FOR**  
**SPONSORSHIP AND FUNDING**

**WASTE MANAGEMENT**

## **LIVE A WASTE FREE PROJECT PROPOSAL**

**Submitted by:** Bwindi Raha Foundation (BRF).

**Project Title:** Live A waste Free.

**Project Beneficiaries:** Buhoma Town Council from Western Uganda.

**Location:** Buhoma Town Council Bwindi Kanungu District – Western Uganda.

**Duration:** 2(Two) years.

**Time Frame:** Immediately After Approval

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# **PROJECT PROPOSAL FOR SOLID WASTE MANAGEMENT BY INSTALLING SMART DUSTBIN IN BUHOMA TOWN COUNCIL (GORILLA CITY)**

## **Project summary**

Buhoma town council (Gorilla City) is suffering a severe problems on waste management. Currently because of various tourism and social activist. No awareness program has been there to create a change. Bwindi Raha Foundation wants to take a leading role in creating awareness in waste management within Buhoma Town council. Still there is significant lack of awareness and very limited number of dustbin in the town council, throwing the waste has been compulsion for many conscious people. During this transition period in the development, the town council cannot be develop without morality and civilization, and proper waste management is the beginning of it. In collaboration with the town council (Local government), Bwindi Raha Foundation with support of many supporting organizations is going to place 100 smart dustbin with awareness program in the town council in the 1 st phase.

We need support and collaboration from town council for this project to be successful. BRF has a great team, dedication, courage and fully prepared for making the town council clean and green.

BRF will also focus on trash to cash challenge causing upcycling of plastic, aluminium containing noodle/ snacks and cigarette buds into usable items. It does not only reduce the waste but it also changes a concept that the so called waste is not actually waste, it is a technological resources.

### **1.1 Introduction**

A common problem among urban towns is lack of appropriate mechanisms to manage solid waste. Rapid urbanization, poverty and inadequate management capacity at the town council level have lowered the ability of the town council to provide basic collection and disposal services of waste, resulting into various social and environmental ills in the society. Rapid urbanization and population growth in the town has resulted into more waste collection and unmanaged waste disposal problem in the area. Solid waste management by installing smart dustbins is a long term vision in which the people of the society at first will be made aware about, the wastes, its types and then dustbins as per the category of waste will be placed in different schools and streets of Buhoma town council. Managing solid waste is one of the major challenges of urbanization. Although town councils are wholly responsible for the collection, transport, treatment, and final disposal of solid waste. Only few have basic data on waste generation and composition. Almost all lack finance and management capabilities to be both effective and efficient in this area.

The average composition of solid wastes are, organic waste 56%, plastics 16%, paper and paper products 16%, glass 3%, metals 2%, textiles 2%, rubber and leather 1%, and others 4 %. (ADB, 2013). The Government of Uganda has also enacted the on Solid Waste Management. The objectives of the act include maintaining a clean and healthy environment by minimizing the adverse effects of solid waste on public health and the environment.

## **1.2 Background statement of Bwindi Raha Fundation**

### **1.2.1 Background**

Bwindi Raha Foundation (BRF) is a registered company and its has been running campaign in Uganda. It has a status of being a non- governmental, non-religious, non-political and non-profit making organization.

At Foundation, we collaborate with the district local governments, the local community leadership and households.

We undertake comprehensive strategies, design their shape and content bespoke to local circumstances. We map local agencies, understand local priorities and skills, build confidence through early project work and develop a vision and action plans with local communities.

Bwindi Raha Foundation involves communities in partnerships by creating workable partnership structures, availing resources for the local communities and individuals and arrange capacity building training.

We equip individuals to gain and sustain access to basic needs including healthcare, vocational and opportunities for livelihood and a fulfilling life

### **BRF in reference to the project;**

Awareness to the local communities is most essential component of solid waste management. We will convey the message up to grassroots level to achieve success at faster rate. Individual of the community can play vital role for effective waste management. Youth, Men and Women will be reloaded and many more organizations to effect this project. During this noble moment of Cleaning Buhoma Town Council, all the teams will co-operate. As lots of events and social moments are being carried out all over the town council.

### **1.2.2 Vision**

The vision of Live Waste Free Project is to establish;

- 1) Pollution free and healthy living society.
- 2) A community that values and conserves its resources.
- 3) Placement of smart dustbins as per the category of waste.
- 4) Awareness programs to convey message of green and clean society.

### **1.2.3 Objectives**

Live Waste Free Project has the following objectives;

- 1) To create the awareness in public about proper waste management.
- 2) To create a source bin or commonly called as waste for dustbin.
- 3) To coordinate and evaluate progress through regular monitoring and evaluation process.
- 4) To cooperate with local government for sustainable plans in waste management.
- 5) To involve other institutions and individuals, both national and foreign, who are willing to cooperate with Live Waste Free Project .

## **1.3 Problem Statement**

Poor solid waste collection and disposal is a threat to public health and reduces the quality of life for urban residents especially in unplanned settlements. Buhoma Town Council is one of the examples of such settlements. The Town Council has somehow failed to manage and solve the problem of solid waste due to lack of mass awareness in peoples. More reasons for the failure might include low social status, difficult access, lack of incentives to collectors, etc.

## **2.0 Project Organization and Implementation**

Bwindi Raha Foundation is a charitable foundation with a vision of greener and cleaner Buhoma Town Council with pollution free environment. The Foundation is currently involved in different cleaning activities with awareness program in the area. All of our activities are guided by the following principles:

- 1) Empowerment
- 2) Sustainability
- 3) Strengthening of existing structures

At present, several volunteers are engaged in our work, many of whom came from the same community in which we work. The management team consists of professionals with experience in education, microfinance, Self Help Groups, natural resource management, research and training.

## **3.0 Location**

This project will be implemented in Buhoma Town Council Bwindi South Western Uganda, which is located on the boundaries of Bwindi Impenetrable Forest National Park a home of world's half population mountain gorillas. Buhoma Town Council is one of the most polluted town councils in Uganda and it is also evident everywhere that this is far beyond what the current infrastructure can support. Buhoma has been suffering from solid waste management. It is estimated that the Valley generates waste amounting to around 5- 100 metric tons every day. The town council is bombarded with household garbage throwing away very pungent stale smell, which is very toxic to the environment and human health. This has affected a lot in the impression of tourists. The government enacted the Solid Waste Management Act promoting reduce, reuse and recycle (3R) principles. But none has been applied till date. People are yet to be aware about not throwing litters on the streets and hazardous littering is for human health and beauty of the valley. This is why we have led a campaign for giving a little for the solid waste management.

## **4.0 Proposed Activities**

### **Placement of Smart Dustbins:**

Smart dustbins will be placed at every 100m of Buhoma Town Council. The dustbin will be separate for dry waste, wet waste and recyclable waste. The plastic, aluminium containing bags, and the cigarette buds will be placed separately for future recycling into different products. We want to complete this project within 1 year.

### **Segregation of Waste:**

Solid wastes will be segregated as per its kind and types. Basically we will segregate waste on the basis of biodegradable, recyclable and general wastes. For the segregation of wastes we will hire authorized persons from the town council

office and the segregation of wastes will be done in the site itself at the time of collection where the dustbins are placed.

#### **Composting of biodegradable waste:**

Wastes like meats, rotten fruits and vegetables, bones, beans, etc. comes under biodegradable wastes. All those collected wastes will be taken in a preferred site to make compost fertilizer which will be given to farmers nearby Buhoma Town council.

#### **Recycle of non-biodegradable waste:**

Plastic, Papers, Glass, Bottles, and Metal etc. can be recycled in their own way. All those wastes collected which can be recycled will be sold to scrap market which will help us to add more dustbins in other parts of the town council.

#### **Awareness and Information Campaigns:**

Only placement of dustbins will not help to achieve our goal to clean Buhoma Town Council. People must be aware where to throw all those wastes as per the segregation of wastes in segregated bins. We are running awareness programs in different parts of the project area as per initial movement leaded by one of our team member. Future awareness campaigns will include awareness rally, mass awareness and cleanliness campaigns.

### **4.0 Budget Assumption**

One smart dustbin will cost up to Ug Sh 300,000/= 180 litres size which will have 1 years of warranty. Pricing of dustbin may be more or may be less as per the quality and type of the dustbin. In initial phase we are planning to install 100 smart dustbins in major streets of the town council. Later we will add on more dustbins as we grow our awareness campaign all over the areas adjacent Bwindi Impenetrable National Park. If the final budget provided as per our assumption is more than more dustbins will be added and if the budget is less than less number of dustbins will be placed.

#### **Expected expenditure**

<b>Item</b>	<b>Rate</b>	<b>Quantity</b>	<b>Total</b>
Smart dustbins	300,000/=	100	30,000,000/=
Awareness program	500,000/=	4	2,000,000/=
Cleaning-up campaign	2,000,000/=	4	8,000,000/=
Mobilization and stationary	5,000,000/=		5,000,000/=
<b>Total</b>			<b>40,000,000/=</b>

**USD 10,526**

#### **Monitoring and evaluation**

Regular follow up at the site.

Level of awareness among the society and the public through questionnaire and regular interview. Regular update on social media. All the youth activist and the personnel will be responsible for maintenance and upgrading of the dustbin.

### **Conclusion**

We at Bwindi Raha foundation, been trying to create the awareness through cleaning campaign along with various organization which are dedicatedly working on the social and environment section are going to make this Live Waste Free project for making Buhoma Town Council as a zero waste gorilla city. The Gorilla City is waiting for the drastic reformation using innovation and technology in this golden era of change. We will like to collaborate with the Town Council for making it a great success. Hoping for your support and active participation for making Buhoma Town Council a zero waste region which is a very beginning step in the development and prosperity of Nation.

Thank you