

# RIVERSIDE COMMUNITY DEVELOPMENT PROJECT



PROJECT REPORT

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## **1. INTRODUCTION**

### **1.1 GEOGRAPHIC INFO**

River-side estate formerly known as Bosnia is in Githurai 45 in Kiambu County, Githurai Sub-County along Thika Super Highway. The population estimated at 94,172 and growing.

### **1.2 BACKGROUND**

For many years the residents have been facing a serious catastrophe caused by storm-water during the long and short rains due to poor drainage. The roads in this area are un-navigable during the rains leading to displacement of both landlords and tenants, This leads to the river overflowing and breaking its banks creating havoc along its path. There is also rise in water borne diseases as a result of sewer water mixing with fresh water. Githurai has the largest number of cholera cases ever year in Kenya.

The roads are generally unpassable especially during the rainy season.

The area has suffered insecurity due to darkness from lack of street lights and this has stagnated the local economy due to early closure by businesses. Crime is at an all time rate and this area to avoid the dangers caused by darkness and thuggery in the streets and homes.

Access to social amenities is hindered by the fact that the area has limited or no public utilities. The area residents are forced to leave to the bordering wards and sub-counties to access health, early Child-hood Education and vocational training institutes/center.

## **2. THE PROJECT**

### **2.1 PROJECT DESCRIPTION**

The objective of the KENYA INFORMAL SETTLEMENTS IMPROVEMENT PROJECT is to improve living conditions in informal settlements throughout selected municipalities in Kenya. Riverside estate formally Bosnia has been selected as one of the beneficiaries of KISIP. This project will invest in infrastructure and service delivery. The project will also concentrate on planning the urban growth of the area.

### **2.2 PURPOSE AND SCOPE**

The project is meant to upgrade and improve the living standards of the area and all the existing infrastructure namely roads, sewers, drainages, social amenities, streetlighting, Kiuu River.

### **2.3 PROJECT PARTNERS**

The KISIP riverside estate project has the following partners on board

1. County government of Kiambu
2. The state department of housing and urban development.
3. The people of riverside estate.
4. RUJWASCO.

### **2.4 STATEMENT OF THE PROJECT.**

Riverside estate is around 50 yrs. old and did not have a proper development masterplan, only one side has a sewer line, no tarmacked roads to date, limited water connectivity, no security lights, zero presence of government administrative offices, the area lacks a public health center and a public primary, secondary or tertiary institutions

Fifty years back the population of riverside estate was not as densely populated as it is now, the absence of the above-mentioned amenities have made the area unappealing and the situations has been compounded by the fact that Riverside Estate is a low-lying area, this means all water from Mwiki, Githurai 44, Discovery and adjacent estate flow downwards towards Riverside Estate. This is one of the main reasons the area has been experiencing heavy floods every time there is rain. Most of the residents of Riverside Estate have over the years either had to contend with the perennial disasters or have sold their properties at below market prices. Those that have weathered the storm have been left to the mercy of the elements.

In short, Riverside Estate has never had any infrastructural upgrading since the first land owners settled in the area. The KISIP project present the perfect opportunity to reverse this injustice.

### **3. STATEMENT OF PROBLEMS**

The inaugural Riverside Estate KISIP committee has hit the ground running and has identified all the necessary development that can spur economic growth, improve security, provide basic administrative necessities from County and National Government.

The following areas have been prioritized

#### **3.1 WATER**

Riverside Estate started off depending heavily on boreholes for domestic water, the availability of fresh water has been hindered by the absence of proper piping connection to homes. The KARIMENU water project would help fill this gap but the issue of water connection pipes need to be addressed by having high quality piping and laying works.

#### **3.2 LIGHTING**



Riverside Estate was formerly Bosnia, a name that mirrored the fighting in Bosnia due to the insecurity brought about by the dark alleys due to lack of sufficient street and high mast lights.

### 3.3 KIUU RIVER



Due to encroachment into the riparian land the river has been choked leading to narrowing and thus causing flash floods during short and long rains, the floods break into homes leading to displacement of both land owners and tenants. Some sewers drain into this river making it a health hazard every time the river breaks its banks leading to waterborne infections and illnesses.

### 3.4 ROADS



Riverside Estate has been left crippled by the absence of heavy duty tarmac roads which has contributed to the sluggish development since its hardly accessible heavy vehicle ferrying building materials. Business has also been hindered as a result of limited access.

### 3.5. DRAINAGE AND SEWERAGE



Since the infrastructural drainage and sewerage plans were laid down with consideration of the population then, the layout was done for a small population but with the increased numbers the drainage and sewerage system is overwhelmed

### 3.6. SOCIAL AMENITIES/INFRASTRUCTURE

Riverside Estate residents have no access to social amenities due to lack of public utilities and recreational spaces for sports and nurturing talents. The absence of facilities like social halls, public hospitals, public schools and proper public market space allocation also hinder the ability for residents to fully exploit the potential of the area



## **4 PROJECT PROPOSALS**

After the Riverside steering committee visited the areas and identified the challenges faced by the residents, collection of detailed information on the core issues was done and mitigation measures lined out.

### **4.1 ROADS**

Four major roads were identified for tarmacking and they are;

- i) Dykaan - Kona Ya Bata (CANAAN ROAD)
- ii) Dykaan through Luda Academy to Kahawa Wendani Primary. (JERUSALEM ROAD)
- iii) 3D to Kahawa Wendani Primary (JUDEA ROAD)
- iv) Fountain Academy to Kwang'ethe Primary. (JORDAN ROAD)

A total of 30 roads;(closes and lanes) were Identified for upgrade to cabro standards and foot paths where necessary with consideration of disability access.

### **4.2 DRAINAGE AND SEWERAGE.**

All roads require an extensive drainage plan to accompany the road network.

All areas without sewer connectivity to be prioritized for connection and septic tanks to be phased out.

### **4.3 WATER.**

Connectivity of the main water pipeline has been done by RUJWASKO from Karimenu dam and therefore all houses should have connection to the main grid.

### **4.4 RIVER**

Rehabilitation ,desilting, gabions and cleaning of the entire stretch of the KIUU river.

### **4.5 LIGHTING**

20 ft High Mast security lights to be installed in strategic areas yet to be determined.

Street lighting along all roads in Riverside Estate.

Solar powered street lighting to be incorporated as a back-up solution to electricity wired street lights.

### **4.6 SOCIAL AMENITIES.**

Riverside estate deserves to have public health center, public primary, secondary and tertiary institution.

A social hall, public play-ground and public toilets are essential.

## **5 CONCLUSION.**

The 21 member committee has already done the preliminary ground work by identifying and prioritizing the key areas. The residents of riverside would like the process of implementation to be fast tracked without any red tape.

The residents of riverside would like to have a dedicated and committed workforce to work in this project. Local youth and skilled workers from the area should be considered for work.

Apart from the 21-member committee, the residents are more than willing to comply with any statutory requirements for the project to commence and be implemented successfully.

NAME.

SIGN

ZACK MACHARIA..... For *Remial.*

CHRISTOPHER NDONGA..... CHAIRMAN *Blig's*

ANNAH NYAKIRINGA..... SECRETARY. *[Signature]*