



# TGUP Project Summary

## Tanks and Gutters for Kiahuko Primary School Lamuria, Kenya



### **Project Name:**

Kiahuko Primary  
School Water Tank  
Slabs and Gutters

### **Project Location:**

Lamuria, Kenya

### **Project Summary:**

Mount four 5000-liter  
water tanks on  
cement slab  
foundations. Install  
gutters on classroom  
eaves. Connect all  
tanks to gutters.

### **Project Detail:**

Running water will be  
provided once the  
four tanks are  
connected.

### **Project Partner:**

Kiini Sustainable  
Initiative (KISI).  
TGUP has completed  
more than 40 projects  
with KISI.

### **Project Cost:**

\$4,504 minus \$500  
for a total project cost  
of \$4,004.



This project will take the school's existing four 5,000 liter water tanks and mount them on new concrete foundations strategically placed throughout the school. Gutters will then be installed on the existing classrooms, new classroom, and new kitchen. The gutters will drain into the water tanks.

The Kiahuko Primary School has received two letters from local authorities threatening to shut down the school if they do not do something to have access to water. In a separate project, currently underway, water will be piped in from the nearby water main. It will then be connected to the school's water tanks. The school is assured a twice weekly supply of water by the Gataragwa Community Water Project.

This is one of 8 projects that TGUP will undertake at the Kiahuko Primary School. The other projects include building a new 28'x28' classroom, a new 30'x15' kitchen, cooking jikos (vats) for the kitchen, a playground, latrines, and installing electricity to the entire school.

In fulfilment of TGUP requirements, the community and school will contribute \$500 towards this project, in this case through unskilled, in-kind labor.

<b>Tank, Gutter and Slab Installation budget</b>		
<b>Item</b>	<b>Ksh</b>	<b>US\$ (1:105ksh)</b>
Gutters 5 classrooms- 25pcs	62,500	\$595
Gutters connectors- 15 pcs	12,000	\$114
Gutters back -25pcs	9,000	\$86
Gutters chips-85	17,000	\$162
Down pipes 3"-20 pcs	16,000	\$152
Waste bends-15	3,750	\$36
Tangit 2.5 litres	5,000	\$48
Gate Valve 3/4"- 6	18,000	\$171
Adapters male/female -10 pairs and other accessories	5000	\$48
PPR pipes- 3 roll	27,000	\$257
Pegler biptap ¾-5	15,000	\$143
Slab concrete 1:3:4	122,600	\$1,168
5000 litre tank	40,000	\$381
labour	50,000	\$476
<b>Total</b>	<b>402,850</b>	<b>\$3,837</b>
Community contribution	-50,000	-500
Project management	70,570	\$667
<b>Total requested</b>	<b>423,420</b>	<b>\$4,004</b>



See, below, letters from different authorities (Ministry of Interior and local Public Health Office) indicating that the school will be shut down without access to water.

MUGUNDA WARD.

KIAWARA HEALTH OFFICE,

P.O BOX 264,

MWEIGA.

2<sup>nd</sup> DECEMBER 2021.

THE HEADTEACHER.

KIAHUKO PRIMARY,

P.O BOX 202,

MWEIGA.

RE: HEALTH INSPECTION REPORT

Following a health inspection report done on the above school these were the findings

1. The school has not provided piped water making it difficult for the pupils to wash their hands at this time of Covid -19.
  - b) No sufficient water for wetting the floor of the classrooms and also cooking
2. The classrooms are temperaly and dilapidated and thus may harbor fleas thus may cause jiggers
3. The kitchen is a temperaly structure
4. The pit- latrines are not enough for the pupils

RECOMMENDATIONS

1. Provide piped water to raise hygiene standards to the pupils
2. Construct standard classrooms to make the pupils comfortable when learning
3. Construct a standard modern kitchen
4. Construct new pit- latrines to raise

NB The water issue above should be addressed immediately failure to which the school risk closure

Thank you

YOURS FAITHFULLY

TERESA M. MUTHIGE  
P.H.O

SAHARA KWA DIVISION

17/12/21



THE PRESIDENCY

MINISTRY OF INTERIOR AND CO-ORDINATION OF NATIONAL GOVERNMENT

INSTRUCTION .....  
TO .....  
.....  
Citing please quote .....  
and date .....

OFFICE OF THE CHIEF  
LAMURIA SUB-LOCATION  
P.O. Box 32  
MUNGA  
06/12/2021

HEAD TEACHER  
HUKO PRI SCH  
BOX 202  
MUNGA

REF: CURRENT SITUATION KIAMUKO PRI  
SCH-PUBLIC SCH

This is to confirm the institution named above falls from my Area of jurisdiction, Lamuria Sublocation - Gataakwa, the eastern Kieni West Subcounty, and it needs urgent attention on the following due to its increased population:

- (1) The school has no water to cater especially this time of covid 19 pandemic and cleanliness of the school.
- (2) Additional latrines to serve the increased population of the school.

Also the same has been raised by the public Health officer.

JULIUS N. MUTOA  
ASST. CHIEF  
LAMURIA SUB-LOCATION  
DATE: .....

faithfully  
J.N.M