



AKO - Tanzania Community Support
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Progress Report

KILINGI PRIMARY SCHOOL WATER PROJECT OVERVIEW REPORT

Kilingi primary school is found in Siha District, Kilimanjaro region. The school is situated in a village where there is a scarcity of water. Due to the problem in Kilingi Village as well as in Kilingi primary School, the Mwangoka Family (under supervision of Mr. Johnson Furaha of Ruhpolding Germany) decided to take initiative to start a Water Project that will solve the problem in a long run.

The Project is organized and sponsored by the Family members themselves in close cooperation and help from their Friends in Germany.

The Project includes:

1. Erecting a Water Tower, with a Plastic Tank (Polytank 3,000 liters) from the Government Water Line for the Kitchen.
2. Digging a Borehole up to 70 meters deep and set a Solar Water Pump.
3. Constructing a Bricks-Cement Water Reservoir up to 75,000 liters.
4. Constructing a Structure to set the Solar Panels that will supply Power to the Solar Pump, to draw the water from the well to the Reservoir Tank
5. Distributing the water to the required stations like; Toilet, Classrooms, Kitchen and Garden and an Open-Air station for the Villagers.

CONSTRUCTION OVERVIEW

1. THE WATER TOWER&PLASTIC TANK

This construction started on the 22th Dec.2022 and successfully completed on 11th Jan.2023

Budget: The Structure costs 4,792,600 TZS i.e

2005.27 Euros (Exchange Rate 1Euro=2,390TZS)

The whole Budget of this section of construction was covered by Mr.Johnson Furaha himself





2. Geo-physical Survey and Hydrological

Assessment. Before starting the Borehole work, it is advisable by the Ministry of Water to conduct a survey to pinpoint exactly where the water is found and how deep. This was conducted by Pangani Basin Water Authority and on the 7th February 2023, the final report was given with permission to start the digging work. Budget: The Survey costs: 1,792,000 TZS
Ca. 731.43 Euros (1 Euro=2,450 TZS)

This was paid through AKO Tanzania Community Support



3. Digging the Borehole

The work of digging the Borehole was conducted by “The Global Drilling and Construction Company Ltd” from Moshi. The Borehole went deep as far as 70 meter and enough water was found.

The work was completed and handed over on 01st April, 2023

Budget: The whole work costs 18,145,000 TZS

Ca. 7,406.12 Euros (1Euro=2450 TZS)

This was paid through AKO Tanzania Community Support



4. Construction of a Bricks-Cement Water Reservoir

The construction of The 30,000 cubic Meter Water Reservoir is undertaken by 4H Building&Civil Contractors Limited from Karatu Tanzania

Budget: 18,731,000 TZS ca. 7,492.40 Euros

(1 Euro= 2,500 TZS)

The work started on 3rd July, 2023 and is still in construction.



5. Installation of the Solar Water Pump and Solar Panels.

After the Borehole work is complete, follows the installation of Solar Panel Structure and installation of the Solar Water Pump, This will be done by the RIL Solution from Arusha Tanzania.

Budget: 14,501,840 TZS ca. 5,800.74 Euros

(1 Euro=2500TZS)



Summary (Budget overview)

<u>Item</u>	<u>TZS</u>	<u>EURO</u>	<u>Exchange Rate</u>	<u>Remarks</u>
1. Water Tower and Plastic Tank	4,792,600	2,005.27	2,390	Completed
2. Survey	1,792,000	731,43	2,450	Completed
3. Borehole	18,145,000	7,406.20	2,450	Completed

4. Concrete water tank	18,731,000	7,492.40	2,500	Under Construction
5. Solar Panel and Water Pump	14,501,840	5,500.74	2,500	Next Plan
TOTAL	57,962,440	23,136.04		

THE FINISHING WORK OF ONE CLASSROOM

One Family from Ruhpolding in Germany volunteers to offer some money that can help in the completion of the classroom that the Villagers could not finish since 2018.

The family

offered a total of 3,000 Euros. AKO Germany through Frau Ingrid decided also to back up the rest of the money in this construction. The Construction work was given to 4H Building & Contractors Ltd from Karatu Tanzania.

Estimated Budget is 17,184,500 TZS ca. 6,901.40 Euros (1Euro=2,490 TZS)

The work started in the mid of June 2023 is still under construction.



