



MANG'OLA WATER PROJECT

Project Title:

Providing Clean Water Access through Borehole Drilling for Matala Community.

Project Owner/Legal Person:

CONGREGATION OF THE HOLY GHOST FATHERS (SPIRITAN)

P. O. Box 7590 ARUSHA

TANZANIA.

Local Person:

FR. MATHIAS NG'OJA, CSSp.

MANG'OLA CHINI PARISH

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Location: MATALA MISSION, DIOCESE OF MBULU, TANZANIA

Project Proposal: Drilling Water and Building a Water Tank for Matala Village

Background and Problem Statement:

For one to understand fully the major reasons for making this appeal, it is good to talk about the real situation facing our Parish at MANGOLA CHINI VALLEY. This (Parish) mission is under the Congregation of the Holy Ghost Fathers. MANG'OLA CHINI Parish decided to open a new mission in Matala so that to serve the people spiritually and improve their lives. There is 110 Kilometers from Mang'ola Chini Village to Matala Village. This show that Matala is more interior and hard for the community here to have social services. Water being one of the big challenge.

This project aims to address the severe water shortage in Matala Village, a dry area with minimal rainfall, poor pasture, and no sustainable water sources. The proposed project involves drilling a water borehole and constructing a water storage tank that will provide clean, accessible water to the entire community, including the local church. This initiative will significantly improve the living conditions of the villagers, support their agricultural activities, and enhance the church's ability to serve as a hub for communal activities.

Matala community is facing a severe water crisis due to its arid nature. Although Lake Eyasi is nearby, the water is too salty for domestic use. Women and children in the community walk long distances daily in search of clean water, a task that consumes time and energy. This burden has led to reduced school attendance among students, particularly girls, and has significantly affected the overall quality of life.

Project Objectives:

1. To drill a borehole to provide clean and safe water for the Matala community. For us to avoid cholera disease which has been a problem to the community due to lack of clean water, the project will improve health and sanitation by providing clean drinking water to the community.
2. To reduce the distance women and children travel to fetch water.
3. To enhance school attendance by minimizing the time spent by students on water collection.
4. To build a water storage tank to collect and store water for the community's daily needs.
5. To support agriculture and livestock by ensuring a reliable water supply.
6. To enhance the church's community services by providing water for religious and social activities.

Expected Outcomes:

1. Increased Access to Clean Water: The borehole and tank will ensure that water is available throughout the year for both domestic and agricultural use.
2. Serving of time: This will help the community to have peace, as for now, most of the family are broken due to mistrust to the women as they go to a long distance to look for water. To young women has been a big problem for there is early pregnancy, as they use much time outside home, they are seduced and fall into that problem.
3. Empowerment of the community to manage their water resources sustainably.
4. Improved Health and Hygiene: Clean drinking water will reduce waterborne diseases, improve hygiene, and contribute to better health outcomes for the community.
5. Enhanced Agricultural Productivity: Reliable water will support irrigation for crops and provide water for livestock, thus improving food security and livelihoods.
6. Strengthened Community Relations: The church and community will come together to manage and share the water resources, promoting cooperation and social cohesion.
7. Economic Development: Increased access to water will boost local agriculture, leading to better economic outcomes for farmers and pastoralists in the region.

Budget Estimate for drilling:

No:	Description	Unit price	Total Price TZS	EUROS
1.	Drilling - 100M	240,000.00	24,000,000.00	9,411.76
2.	Pampe, installation	4,870,000.00	4,870,000.00	1,909.80
3.	Pipes 2.5" (2000@1m) - 8km	16,000, 000.00	16,000,000.00	6,274.51
4.	Simtank 2 pcs@ 10,000 ltrs	2,800,000.00	5,600,000.00	2,196.08
5.	Transport		2,300,000.00	901.96
6.	Planification	2,000, 000.00	2,000,000.00	784.31
7.	Analysis		2,300,000.00	901.96
TOTAL			57,070,000.00	22,380.38

Budget for the solar system:

No:	Description	Unit price	Total TZS	EUROS
1.	Panels 10pcs – 550W	440,000.00	4,400,000.00	1,725.49
2.	Cables 150m (8500 per mètre) et Charge controler 1.5kw		1,275,000.00	500.00
3.	Labour cost for the solar system		1,600,000.00	627.45
4.	Nails and other small items		90,000.00	35.29
5.	Construction of the foundation (cement, stones, sand)		550,000.00	215.69
6.	Transport		450,000.00	176.47
7.	Installation		1,500,000.00	588.24
			9,865,000.00	3,868.63

TOTAL COSTTZS **9,865,000.00** equals **3,868.63** Euros with an exchange rate of 1 Euro = 2550 TZS.

Funds needed :

Funds	in €
1. Total	26,249.00
2. Local contribution	1,300.00
3. Doners	24,949.00

To ensure the sustainability of the project:

Water Management Committee: A local committee will be established to oversee the maintenance of the borehole, tank, and distribution system.

Community Contribution: The community will be encouraged to contribute small fees for maintenance and repairs to keep the system functional in the long term.

Partnerships: Partnerships with local organizations and the church will ensure that the water supply remains well-managed and accessible.

Training and Education: Ongoing education about water conservation and management will empower the community to take full responsibility for the system.

Conclusion:

This water drilling and tank construction project will provide Matala Village with a sustainable water source that benefits the entire community, including the local church. It will enhance the health, economic, and social well-being of the people, supporting better agricultural practices, improved sanitation, and fostering community unity. By investing in this essential infrastructure, the project will address one of the most pressing challenges faced by the villagers' access to clean and reliable water.

We kindly ask you to support this water project for Matala village to improve their life conditions.

Sincerely yours,

Fr Mathias NG'OJA, CSSp