



THE ARCHDIOCESE OF ARUSHA

ENDULEN CATHOLIC MISSION

*Proposed Project: **HARVESTING RAIN WATER FOR ENDULEN DEAF SCHOOL***

*Total cost of the Project is: **41 758 500.00 TZSH** equivalent to **18160 Euros**.*

*Local Contribution is **4 175 850.00 TZsh** Equivalent to **1820 Euros**.*

*Therefore, the amount requested is **37 582 650.00 Tsh** equivalent to **16340 Euros**.*

All the figures are in Tanzanian shillings. The exchange rate today is:

1 Euro =2300 Tanzanian shillings.

*Project Goal: **To contribute towards improvement of Education for deprived Children.***

Prepared under the direction of:

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Brief History

Endulen Catholic Mission is under the archdiocese of Arusha. It is run by the Spiritans missionaries. The Spiritans are a Roman Catholic congregation founded in France in 1703 for evangelization of the poor. We count the following as constitutive parts of our mission of evangelization: the “Integral liberation” of people, action for justice and peace and participation in development. We therefore make ourselves the advocates, the supporters and the defenders of the weak and the little ones against all who oppress them (*Spiritan Rule of life No. 14*). Our Congregation is present on all continents, especially in Africa. Spiritans in Tanzania are involved in many diverse ministries including Evangelization, Education, Health care, Parish work, refugee ministry and development projects. The Spiritan missionaries are running several schools including, Marian Girls, Marian Boys and Marian Primary in Bagamoyo, Tengeru boys Secondary school and Tengeru Vocational Training Center in Arusha, and Libermann Primary and Secondary school in Dar-es-Salaam.

The Congregation is known for venture in new missions and difficult areas, this is the reason for us to be in the Ngorongoro Conservation Area. Since almost fifty years we are working with the Maasai community. In recent years we have been involved in development issues, especially water projects in Endulen village, Esere villages and now in Longojoo village. These projects also supplied water in primary schools in Endulen and Esere.

Spiritans fight for the complete and integral liberation of mankind. To achieve that goal, education is our priority. Quality and relevant education is the only help and a solution towards poverty eradication among the Maasai people. We are convinced that everybody should have a chance to improve his/her living conditions. This cannot happen without a good education, which will give him/her a voice to express him/herself, to be independent, and play a role in improving the economy of the community and the country at large. Also for the school to operate well we need clean and enough water. We are planning to install three tanks of water so that the school may have enough water.

Location of the project

The Project will be located at Endulen Catholic Mission, where the school is. The rain water will be collected from different builds around the mission such as the church building, the Rectory, the hostel and classes. This will make the school independent of water and also use the maximum use of rain water. The builds are not so distant from one another which make it easier to connect different builds to one tank.

Problem Statement

The current main source of the problem is lack of enough water to run the school, as the village water can be pumped once a week. So the school will need several tanks to reserve water for a long time; also the bills for water are too high for the school to afford. As a result children may be out of water for certain days.

Project objectives:

This project has many objectives

1. The School will use rain water for more than six months.

2. To provide clean water for the school.
3. To reduce hardship for children going to fetch water from a distant area, hence they will have enough time to study.
4. To reduce the water costs for the school as water bills is going to be cut by half. All the rain season the school will not pay water bills.
5. Providing water to the staffs of the school.
6. Providing water to the honey production unit. Which provides some funds for the deaf school

Project description

This project is aiming at helping the school to have enough water during the rainy season and also to cut down the expenses on water. Harvesting the rain water helps in keeping the environment clean and protecting underground water. This project will be implemented in different stages:

The first stage: will be buying the gutters and fixing them on all six buildings.

Second stage: We will build the five tanks each containing thirty thousand liters of water

Third stage: Buying and installing three Simtanks of 10,000/= liters for helping during the collection of water before it goes to the main tank.

Fifth stage: Supply of water from the tanks to different distribution points and buildings such as toilets, kitchen and dormitories. This stage involves digging the trench, buying the pipes and other materials.

Time frame:

Having all the funds at hand we expect to complete the project within five months. We propose to complete this work by the end may 2017. This will allow the school to have clean water during the rainy season. This is a big part of academic year.

Costs:

The costs of this project are as follows:

No	Item description	Quantity	Unit price	Total
1	Gutters 5m	50 Pcs	35000	1 750 000
2	Gutters fixing parts	200	1500	300 000
3	Constructing tanks (30 000 lts)	3 Pcs	6 000 000	18 000 000
4	Buying Simtanks (10 000 lts)	3 pcs	2400000	7 200 000
5	Pipes 1 ½ ", 1" and ¾"			2 000 000
6	Joints, connectors, gave valves etc			1 000 000
7	Transport costs			1 200 000
8.	Labour charge			2 500 000
	Total			33 950 000
	Adding 5% for contingencies			1 697 500
	Tax VAT 18%			6 111 000
	Grand total			41 758 500

From the costs above we the local contribution will be 10% of the total cost which is **4,175,850.00 TSh** so the amount requested is **37,582,650.00 Tsh** equivalent to **16,340.00 Euros**.

Expected results:

When the project is completed we expect to achieve the following:

- i). Water will be available for the whole school. Children will get clean water.
- ii). We will prevent the children from certain diseases especially typhoid and diarrhea.
- iii). Reducing the possibility of using contaminated water by domestic animals and wildlife.
- iv). Help in conserving the environment.
- v). Improve the health of children and workers.

Management:

One staff member will be given the responsibility of controlling and managing water from the tanks. This will help the children to use water properly and economically.

Critical risks:

Critical risks associated with this project include:

- a). Water system to be broken either due to mechanical reasons.
- b). Interference of the wild and domestic animals.
- c). Lack of rains for a long time.

Sustainability:

The school management team will be responsible for the day to day monitoring of the project. After the installation period the school will set a budget for maintenance and up keeping of the water system. This initiative will create a sense of ownership and pride for the overall success of the project.

Conclusion and recommendations

Finally we wish to appeal to all well wishers to stretch their helping hand so as the project may be realized and sustained.

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