

CATHOLIC EPARCHIAL SECRETARIAT
KEREN – CESK

PROJECT PROPOSAL

- *Project Title:*
**CONSTRUCTION OF WATER RESERVOIR
&
LATRINES
for Ghilas Elementary & Junior School**

- *Implementing partner:*
Catholic Eparchial Secretariat of Keren

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- *Submitted to:*
Mr. Wolfgang Lueers - GERMANY

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1 - Introduction

Geography, climate and population

Eritrea covers an area of 117 760 km² and has a coastline of over 1 000 km. It is situated in the Horn of Africa, neighboring Sudan, Ethiopia and Djibouti and bordered to the East by the Red Sea. The total cultivable area is estimated at around 1.6 million ha.

Administratively, Eritrea is divided into six *zobas*. Ghilas is located in Hagaz sub-region which is part of the Anseba Region. Six different major agro-ecological zones can be distinguished, with crop production being concentrated on the moist highlands and the lowlands.

2 - Ghilas village, population and statistics

It is situated in the Southern part of Keren city and mainly inhabited by a mixture of Christians & Moslems though the majorities are Christians. Both religions live in harmony.

Ghilas is administrative district where the Lideta Mariam Elementary and Junior School Ghilas is located. The constituent villages of Ghilas and beneficiaries of the institution are Ghilas, Dob'at, Abengulet, Far'aleba, Ashekrakhw and Harestay.

According to statistical calculations, Ghilas inhabitants range from 1-12 and the middle average in a family goes up to 6 families. Looking into sexes, the females are higher in number. This is because most young men are out for the National Military service and/out of their villages for a job search. Therefore the total population counts up 480 households, i.e. **15,676**

Majority of the inhabitants in Ghilas administration speak Blin language. The people's economic means entirely depends on agriculture. There are also limited small business scale activities. Livestock rearing is also another important economic engagement in the livelihood of the community.

Currently the Catholic Church is providing a socio-pastoral service in Ghilas:

- ✓ *There is a popular health station which campaigns on health and awareness program among the women*
- ✓ *There is a kindergarten embracing both Muslim and Christian children and helping them to live in harmony.*
- ✓ *The Women in Ghilas benefits from our women promotion program, such micro-credit program, goat & donkey distribution, chicken distribution....*



2.1 SCHOOL STATISTICS

School Name	Registered		passed		Failed		Dropouts	
	Ma.	Fe.	Ma.	Fe.	Ma.	Fe.	Ma.	Fe.
Ghilas	142	145	114	129	28	15	0	1

Nativity school teachers and their Qualification in academic year 2016/17

Qualification - and Years of Education		Ghilas
Unqualified	11 or 12 Complete	4
11/12 +	2 philosophy	1
11/12 + 1	Certificate	3
11/12 + 2	Diploma	2
11/12 + 4	Degree	1
Total		11

3 - Problem to be addressed - *What are the immediate needs?*

First phase

A) Construction of water reservoir

This is very vital and crucial! The project proposal is aimed mainly to solve the water issue at the village level and more particularly to be at the service of the school. The whole village deserves to have access for clean water and yet this problem is not addressed. But we give priority to the school as the students need water for their daily usage.

The construction of water reservoir is vital and will play important role in the day-to-day running of the school. The reservoir will be built underground simply:

- ✓ *To conserve the quality & quantity of water for long time as the climate is becoming very hot. The top of water reservoir will be closed tightly during the whole year and water treatment will be done regularly by the concerned bodies.*
- ✓ *The water captured in this reservoir will serve the community for watering the plants within the school compound (it diminishes the crop damage through drought stress)*
- ✓ *We will create awareness and cultivate among the children the love of plants and flowers and how to take care of it on daily basis as the desertification is increasing tremendously in Eritrean in general and in Ghilas zone in particular.*
- ✓ *As there is a water shortage in the village, we will be able to harvest water during the rainy season and therefore there will be pipes connecting the school roof with the water reservoir site.*

Outputs

1. Community members discuss continually about the implementation of the water reservoir and the utility of the water
2. A water reservoir is constructed in the school compound

3. Rain water harvesting system structures are erected.
4. Sanitation campaigns conducted among the school children.



The exact measurement of the reservoir is: 3mt depth * 4mt length * 4mt width. Therefore, it will collect 48M3 (240 barrels). The picture bellow shows the underground water reservoir.

Intermediate results

1. The water will be used for rehabilitation(construction) of the School latrines
2. The water reservoir will be ready to accept the spring rains of 2017.
3. At the spring of 2017 trees will be planted in the school compound.
4. Students are aware of the proper hygienic use of the reserved water.

Means of verification (MoV)

The main MoV will be Observation, school Reports, interview, Photos, Focus group discussions and others

4. Administration

- The Catholic Eparchy of Keren and the Parish of Ghilas take full responsibility of the school administration.
- During the construction of the water reservoir the parish community of Ghilas will assume its responsibility for its swift and accurate completion
- The payment will be given from CESK office and the parish of Ghilas will do the necessary follow-up and collect the payrolls accordingly
- Concerning the procurement of construction materials, the parish will facilitate and CESK will reimburse to the parish.

Fund Received from Wolfgang

Date	Euro	Nakfa
12.10.2016	2.000,00	50,000.00
20.2.2017	8.000,00	184,000.00
TOTAL		234,000.00

Contract agreement Translation
Water Reservoir (3mt depth * 4mt length * 4mt width) 48M3 (240 barrels)
Re: Construction of Water Reservoir

*The Parish of Lideta Mariam (Nativity) and Mr. Ghiorghis Negusse agree to build underground water reservoir with a depth 3.5 meters & 4*4 mt width. The contractor agrees to build water reservoir and to install the PVC pipes to harvest water from the roof of the Church and the School. The parish will prepare all the construction materials and the contractor agrees to be paid 70,000,00 Nakfa and the modality of payment will be done:*

- 30% at initial stage, 21,000 Nfa
- 40% during the construction 28,000 Nakfa
- 30% at final stage 21,000 Nakfa

5. Cost estimation & financial breakdown

No.	Particulars	Qty	Unit price	Total in Nakfa
1	Digging the foundation (earth work)			25,000.00
2	Stones	4M3		8,000.00
3	Sand	5M3	2000	10,000.00
4	Gravel	M3		5,000.00
5	Cement for construction	60 quintals	2500	150,000.00
6	Water reservoir coverage			1,500.00
7	Water	8 truck	1800	14,400.00
8	Reinforcement steel bars Ø 12	72 berga	1400	100,800.00
	Reinforcement steel bars Ø 6	160 berga	120	19,200.00
	Rette (iron net)	82 meters	140	11,480.00
9	PVC plastic tube 3" (6 meters length)	21 pcs	2850	59,850.00
	PVC curve	3 pcs	300	900.00
10	Nails	4kg	120	480.00
11	Water tanker	LS		6,000.00
12	Gutter			25,000.00
13	Contractor (masonry work)	LS		50,000.00
	Grand TOTAL			487,610.00

Second phase project

Construction of latrines

Young children have poor bowel and bladder control and cannot wait long when they have to use the toilet. Young children must be able to get to toilet facilities quickly. Staff must have easy access to hand washing facilities to wash their hands at the times when it is appropriate and still maintain supervision of the children.

Thus, the school of Ghilas needs suitable latrines. During the break period, kids are scattering at the field for urination and that is very dangerous for their health and discipline in their growth. Thus, the construction of latrines is extremely important. By building toilets we are expected to achieve the following benefits:

- ✓ *First and foremost, kids at their early growing stage will learn the importance of hygiene (hand-washing, cleaning),*
- ✓ *Toilet rooms will have barriers that prevent entry by infants who are unattended. Kids will be supervised by sight and sound at the latrine area.*
- ✓ *Chemical toilets will not be used – we will use only either during the week-end or vacation periods or temporary basis.*
- ✓ *Toilets and hand sinks will be built as easily accessible to children and facilitate adult supervision*