

KALULINI PRIMARY SCHOOL (3 CLASSROOMS) BUILDING SUPPORT PROPOSAL TO ICHS

Name of School	Kalulini Primary School
Location	Kanyangi (Syomunyu sublocation)
Address	C/o Syomunyu Girls Secondary School, Box 810, Kitui, Kenya.
No. of Pupils	182
No. of Teachers	7
No. of Classes	7
No. of Classrooms	4
No. of Latrines	2
Water Source	Athi River 6km Water tank 40,000 litres
Date School established	1987
No. of Desks	45 triple.

BACKGROUND

This school was established as an offshoot of Syomunyu Primary School. It grew up to serve the migrants who settled on the Yatta plateau from the Athi River channel as a result of opening of this land which was originally 'white settler' hunting grounds.

The school community are recent migrants to this area. They migrated principally due to pressure of land along the river channel. They are basically peasants who work the land by ox-plough, the axe and the hand hoe. Few have any source of income through wages or trade. They grow their own food. However, nature has not been very kind especially in the last three years. Rainfall has been below average and there has been only one successful crop season. This is basically why the school has fallen behind in its building programme. The same dry spell has had a devastating effect on livestock which normally contributes a larger proportion of the family income. Further plough animals which are important in earning a livelihood for these people have been decimated by the recent drought.

THE CURRENT SITUATION

Kalulini has currently 7 classes but only 4 classrooms. As a result three classrooms together with the pre-standard one class are housed in temporary structures.

The area has two major building problems. One is that the type of soil is not conducive to making of stable earth bricks which can be fired to provide a cheap means of construction. Further there is no site for quarry for extraction of cut stone anywhere near the school. This leaves two alternatives, either to

use natural uncut stone which is available, or import earth brick or cut stone from a quarry. Importation of building material is limited by the cost of transport. The second building problem stems from the first in that, natural uncut stone is expensive in construction due to the amount of cement required. However it makes very durable construction.

At the moment there is enough stone collected at the school for the construction of three classrooms. Also a fair amount of sand has been collected but needs to be supplemented to complete the construction.

THE PROJECT ACTIVITIES

For construction the following items are needed;

1. Building stone
2. Sand
3. Cement
4. Timber - doors, windows and roofing
5. Corrugated iron sheets - roofing
6. Water
7. Labour - Artisan (masonry)
Manual.

At this juncture, enough stone and a fair amount of sand has been collected for the planned building. The materials lacking so far are cement, timber and corrugated iron sheets.

Once the materials are available, construction can start. Then the provision of water for building, which can be obtained from the water storage tank during the rains or alternatively handled from Athi River 6km away can be actioned. Manual labour is obtained from the community who also hire artisanal labour from amongst themselves.

Thus the sequence of activities for classroom construction is as follows:

1. Collection of sand and stone
2. Acquisition of cement
3. Provision of water
4. Construction of walls
5. Acquisition of roofing material and enclosures
6. Roofing

TIME FRAME

Oct. '93	Stone and sand at site
Nov. '93	Construction of walls, using rain water from tanks if

available

Dec. '93

Roofing.

THE BUDGET

1. BILL OF QUANTITIES PER CLASSROOM

Stone 5,000

Sand 6 tractor loads @ Ksh. 1,000 each 6,000

Cement 30 bags @ Ksh. 450 per bag 13,500

CIS 40 pieces @ Ksh. 500 each 20,000

Timber 400ft (4" x 2") @ 12.50 per ft 5,000

Door 1 piece @ Ksh. 800 800

Windows 4 (6' x 4') @ Ksh. 600 each 2,400

Water 7000 lt. @ 25 cents per litre 1,750

Labour Artisans 40 man days @ 100 per day 4,000

Manual 100 man days @ 50 per day 5,000

2. The project proposal seeks the funding for construction of 3 classrooms

3 classrooms @ Ksh. 63,450 each 190,350

20% SASOL Overhead

38,070

TOTAL KSH 228,420

US\$ 3,359

Community contribution (28.6%) \$960

ICS contribution (71.4%) \$2,299

US\$3,359