



## **ACTION FOR SUSTAINABLE DEVELOPMENT (ASUD) MALAWI**

### **END OF PROJECT REPORT**

#### **EXPANSION OF MTENDE PRIMARY SCHOOL PUPILS LATRINES CONSTRUCTION PROJECT FINANCED BY KITCHEN TABLE CHARITABLE TRUST (KTCT), UK**

##### **1.0 Project Background**

This project was initiated by Action for Sustainable Development (ASUD) to assist about 100 children to complete primary education annually at Mtende Primary school in Mzimba district in Northern Malawi by providing better learning environment through construction of improved permanent latrines. This project was an extension of an effort by ASUD that constructed one girl's toilet with two rooms with financial support from Global Giving UK and Christ Church Bedford UK. Before implementation of this project, the school had five temporary single roomed toilets built by the community. These toilets were all unsafe to use since they were grass roofed, they leaked, they had mud floor and had no doors. Due to lack of privacy, most children used the nearby bush as a toilet. Such poor learning conditions led great number of pupils mainly girls to absent from school in many days and majority dropped-out of school before completing primary education particularly when they reached puberty. Therefore, the goal of this project was to contribute towards improvement of education in Malawi through provision of better sanitary facilities in primary schools while its objectives were: - to reduce toilet pupil ratio at Mtende Primary School, reduce absenteeism of pupils and to increase number of pupils completing primary education by December 2016.



##### **2.0 Response by KTCT**

It is great that the KTCT generously approved a grant of £11,000 (MWK 9,500,000) in November 2016 to allow ASUD construct more VIP latrines at the school in response to the proposal that ASUD submitted earlier in the year. This grant was effectively used and met the intended purpose. Meanwhile the latrines are constructed and are now used by the pupils.

##### **3.0 Number of latrines and design**

All latrines are constructed following the UNICEF standards on inclusive education. Two of these belong to the girls while the other two are for the boys. Each girl's structure has one disability friendly room, one hygiene room and three rooms for the physically abled pupils. Similarly, each boy's structure has one disability friendly room, urinal and two rooms for the physically abled pupils. In addition, each structure has a rainwater harvesting tank to allow pupils wash hands after visiting the toilets.



#### 4.0 Special considerations in a physically challenged room

Each structure has a slope leading to the entrance. The rooms and doors are wider than others; each toilet hole has an elevated seat to avoid swatting by the user. There are also supporting handle bars on two walls to allow the user turn the wheel chair comfortably. Each door has a handle bar inside the door for easy opening when leaving the latrine room. In terms of hand washing, each latrine has a raised platform near rainwater harvesting tank where the water bucket is placed.



#### 5.0 Project Outputs

- Four modern ventilated improved pit (VIP) latrines are constructed and they are now used.
- Four rainwater harvesting tanks behind each latrine with capacity of about 2,500 litres are constructed and are now used.
- Teachers and the school management committee members are fully oriented on the use and care of the facilities.
- Toilet pupil ratio is reduced from 1:200 to 1:60
- Absenteeism and school drop-out is significantly reduced.

#### 6.0 Local Contributions

Mtende community contributed sand, bricks, quarry stones and unskilled labour throughout the project while ASUD contributed fuel, vehicle, a motorcycle and staff time for supervision of the project.

#### 7.0 Inspection

Every stage of construction was inspected by the Public Works Department personnel from Mzuzu City Council to ensure that the latrines meet the recommended construction standards.

#### 8.0 Project handover

The project was officially handed over to the school and Malawi Government on 9<sup>th</sup> June, 2017 through Mzuzu District Education Office.

#### 9.0 Challenges

The project did not face many challenges.

- The only minor challenge is that in some days, the project could not work because of rains.
- Secondly, ASUD was just learning on how to come up with proper latrines for physically challenged pupils at a school. This resulted in delay in completion of the project. We thank KTCT and The Grants Committee Chairperson Mr. Brian Donaldson in particular for the guidance throughout the project. We liked this.

#### 10.0 Recommendations

- This type of latrines should be introduced in other schools throughout Malawi since they address common challenges that prevent girls and physically challenged pupils from receiving the needed education.
- KTCT should continue to share guidance to its grantees during project implementation as this will enable the intended beneficiaries receive best quality and maximum support.
- ASUD should use experience gained in construction of these VIP latrines to scale-up the concept to other schools in Malawi.

- KTCT should continue to support ASUD with same type of project in other schools that have great shortage of latrines (This is a request).

#### **11.0 Word of thank you**

ASUD thank KTCT for its generosity. ASUD receives many requests from the schools and the general community since the area where it work lack NGOs to assist in addressing important problems like these. KTCT deserves great thanks for coming and support work of ASUD. We request continued support from KTCT. **MAY GOD BLESS YOU**

## 12.0 Financial report in Malawi Kwacha

<b>12.1 Construction of latrines and rain water harvesting tanks</b>			
<b>Item/activity</b>	<b>Planned Budget</b>	<b>Actual expenditure</b>	<b>Variance</b>
Solignum (1 litres)	40,000.00	38,000.00	2,000.00
Cement	2,295,000.00	2218200	76,800.00
Padlock	45,600.00	50,650.00	-5,050.00
Y12 reinforcement bars	297,000.00	295,000.00	2,000.00
Reinforcement mesh A98	850,000.00	862,000.00	-12,000.00
Doors	266,000.00	266,000.00	0.00
Steel door Frames	350,000.00	350,000.00	0.00
Chicken mesh wire -metre	23,000.00	25,000.00	-2,000.00
Iron Sheets 28 guage 10 ft	288,000.00	288,000.00	0.00
Timber (roofing and shuttering)	320,000.00	312,000.00	8,000.00
Timber undercoat white	153,000.00	152,000.00	1,000.00
Brick force wire	217,800.00	219,800.00	-2,000.00
Plastic sheet black-roll	119,200.00	120,200.00	-1,000.00
Steel bar handle (trail)	42,000.00	68,000.00	-26,000.00
Lime	70,000.00	75,000.00	-5,000.00
Gloss paint 5 litres	462,000.00	416,000.00	46,000.00
Bitumen black paint 5 litres	132,000.00	136,000.00	-4,000.00
Mortice locks	200,000.00	208,000.00	-8,000.00
Ant-Poison (5 litres)	60,000.00	65,000.00	-5,000.00
Galvanized wire- kg	24,000.00	21,000.00	3,000.00
Binding wire- kg	28,800.00	28,400.00	400.00
Wooden toilet seat	10,000.00	12,000.00	-2,000.00
Roofing Nails-kg	18,000.00	16,000.00	2,000.00
Wire Nails-kg	29,000.00	30,000.00	-1,000.00
Transporting hardware and assorted materials	840,000.00	890,000.00	-50,000.00
Skilled labour	1,800,000.00	1,820,000.00	-20,000.00
PVC ventilation pipes 110mm	104,000.00	105,200.00	-1,200.00
PVC bend	56,000.00	57,000.00	-1,000.00
PVC cup	40,000.00	41,100.00	-1,100.00
Timber (for faciar board) (1 x 6 x 18)	45,000.00	46,000.00	-1,000.00
<b>Sub-Total</b>	<b>9,225,400.00</b>	<b>9,231,550.00</b>	<b>-6,150.00</b>
<b>12.2 Guttering and plumbing</b>			

Gutters (3m)	50000	57,200.00	-7,200.00
Gutter outlet	14000	12,000.00	2,000.00
Round stop end	12000	10,000.00	2,000.00
Gutter pins	22000	24,000.00	-2,000.00
Filter mesh	8800	8,500.00	300.00
Gutter bracket	25000	22,500.00	2,500.00
Bib tap	15200	12,100.00	3,100.00
PVC 50mm pipe	4200	5,200.00	-1,000.00
Labour	65000	72,000.00	-7,000.00
<b>Sub-Total</b>	<b>216200</b>	<b>223,500.00</b>	<b>-7,300.00</b>
<b>12.3 Orientation of committee members on use of toilet facilities</b>	<b>80000</b>	<b>64,000.00</b>	<b>16,000.00</b>
<b>Sub-total</b>	<b>80000</b>	<b>64,000.00</b>	<b>16,000.00</b>
<b>Grand Total</b>	<b>9,521,600.00</b>	<b>9,519,050.00</b>	<b>2,550.00</b>