

## ST. FRANCIS LITTLE BIRDS – MANNYA / DECEMBER 2013

Tuesday morning, the 10<sup>th</sup> of December Emmanuel left at 6am with 2 electricians.  
The Landcruiser was heavily loaded with paint, solar panels, panel frames, ladder, lights, cables and tools.

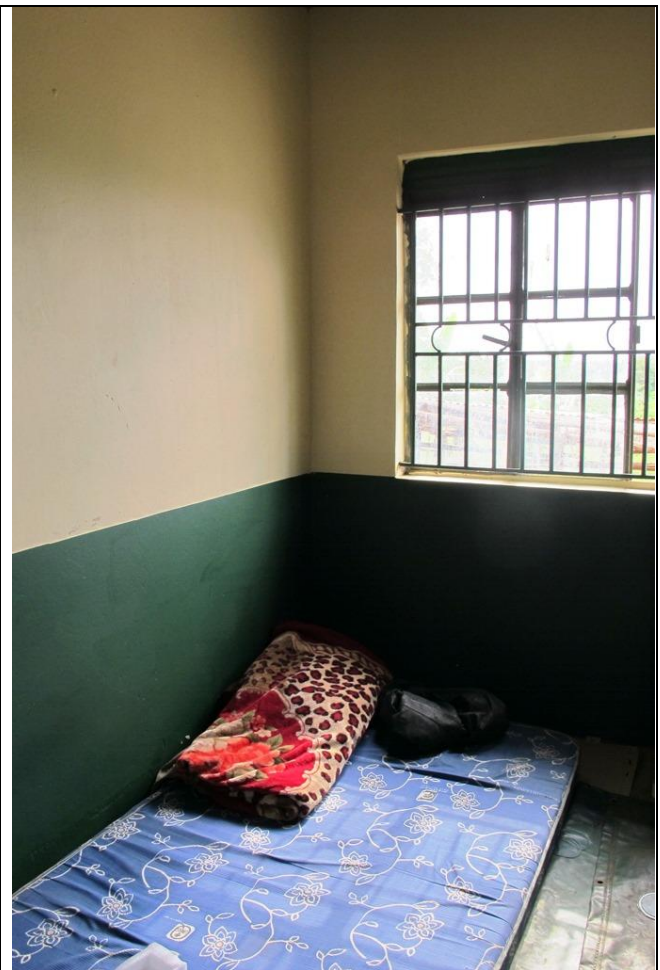


Front view of the school (on a distance and more nearby) with solar panels on the roof: 2 big ones of 120W each and 2 small ones of 15W, one on the right roof and one on the left roof just under the leaves of the tree.

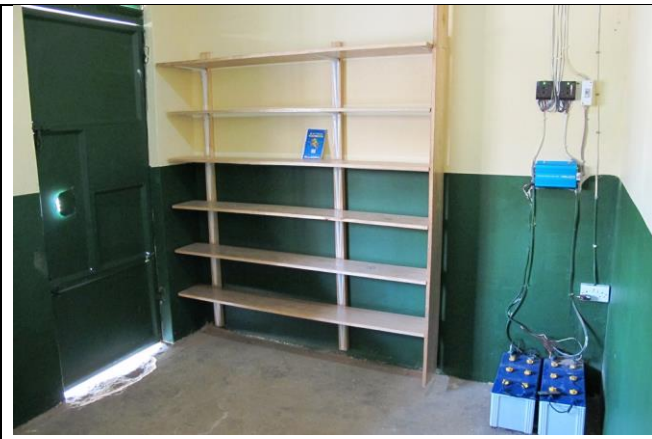
Did you see the paint on the outside? How come?

The man on the right picture is the night watchman!!

He likes to have new boots and a coat to keep him warm at night. Also a good torch would be most welcome.



The Girls dormitory (left) after painting and the Boys dormitory (right).  
The upper part is painted in ivory and the lower part is done in army green and is washable.  
Emma guided the painting team for 3 days and used the Boys dormitory to sleep.



The Admin Room after painting with bookshelves for the textbooks (which will be delivered in January 2014) and with at the right the electricity provisions with batteries for the 120W solar panels.

Watch the special socket for the laptop.

The Filtrix Water Purifier will be installed against the wall opposite to the batteries.

The right picture shows the new ceiling in the Admin Room with a tube light for sufficient light to read and write.



Two class rooms in the right wing of the school not painted, but with solar light provisions.

Left picture: tube light, matrix light and battery. Right picture: a burning tube light



One of the class rooms in the left wing of the school, painted and with a tube light and a matrix light.

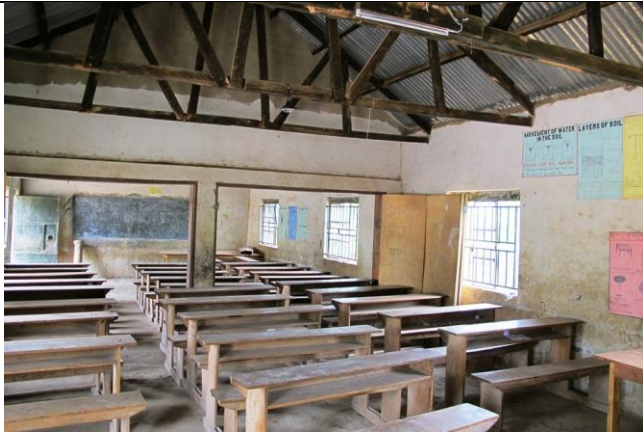
There was plenty of paint. The old walls absorbed much less paint than calculated for new walls.

Emmanuel and the painting team decided to beautify the front at the outside. There is still paint left.

The red cage is for storing the stainless steel clean water tank of 750 liters.

This SS-tank will be delivered together with the purifier in the 1<sup>st</sup> quarter of 2014.

The purifier will be installed in the Admin Room behind the SS-tank cage.



The main hall with solar lights.  
 Will the paint left be sufficient to paint the main hall?  
 Tusaidiane prefers to give priority to (at least partly) painting of the main hall, the place where parents and community are meeting.



The foundation slab for the 2 galvanized steel tanks of 12.000 liters each in the background.  
 The slab needs still drying because of the height.  
 Tanks will be placed in the last week of December.  
 At the wooden sticks we are digging the borehole.



**BIG CHALLENGE!!**  
 The underground is rocky and have to be cut out bit by bit.  
 The technicians are confident that they will reach the water level. We pray with them.  
 Anyhow, it takes much more time than originally foreseen.  
 The good news is that it will be a very strong borehole with no risks of collapsing after reaching the water level.  
 We will immediately send you an email if we see water!!!

**Planning:**

- Reach water level in the borehole before Christmas.
- After reaching the water level place the galvanized tanks.
- Construct a 1.000 liters tank at the foot of the foundation slab with a foot pump.
- Construct the manual pump on the borehole in such a way that you can pump the water through a hosepipe in the 1.000 liters tank.
- Pump water from the 1.000 liters tank with foot pump in the big tank when there is insufficient rain.
- Complete the above preferably before the end of the year.

**MERRY CHRISTMAS AND A HAPPY NEW YEAR!!**



*Let's help each other*

Kees Ebskamp, Chairman Board  
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*Tusaidiane supports schools, hospitals, health centres and community-based organizations in villages and parishes with investments in education, community care (in particular clean and safe drinking water) and in income generation*