



Footprint Panama  
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**Motto: Do a lot, with a Little...fast!**

Date: 07Oct20

Memo: 4th Quarterly Report CSAG Footprint Books for Kids Org #68120

- A. Fundraising – Fundraising continues but at a much reduced rate; things are getting back to normal slowly. But, we had a book shipment to send, so one last push was made for funding. In total we entered the 4<sup>th</sup> Qtr with the account balance of \$1637.25! This allows funding for more books. Books for Africa was contacted and they agreed once again to send pallet loads of books to Ghana for Footprint. This avoids buying entire containers, is a great help and is much appreciated. A pallet holds 1100 books and the final cost per pallet, door to door, has sadly gone up; pandemics it seems drive prices in both directions, some down and some up. Last shipment we were able to land a pallet in Ghana for \$515; new shipments will cost \$700 which is 36% more. This is not Books for Africa's fault its just that during the pandemic trade and shipping is disrupted and prices for the few containers that move is higher...sad. So that meant we could not send 3 pallets as we had hoped, but two instead. Even with this increase it still only costs 64 cents to send a book to Ghana! Still a great value...thanks to Books for Africa, Global Giving and our benefactors...books on the way and delivery is set of 30Oct20.



Books for Africa – Warehouse Staff



Boxes on One Pallet of Used Books – 1100 Total

B. MTU iDesign Program: CSAG Selection – Michigan Tech (MTU) has mobilized for the iDesign effort. Working with the local community leader we are getting a design for water supply and waste water treatment ready. This will go hand in hand with the Library that will be built, hopefully with Embassy of Japan funding (an update next quarter for sure). But, the design is proceeding from Preliminary to Final and will be ready in November, 2020.



Figure 3. Adjei Kojo community boundary divided into eight zones for water supply

The task for the students is significant; there are 16,000 inhabitants in the greater area of Adjei Kojo. But, the design is modular and will encompass areas of the village organized in Zones having up to 2500 persons. This will allow scaling of the project and progressive funding. Building projects in modules like this also builds community spirit and makes 'believers' out of doubters. But, step by step...MTU will provide the final design with Drawings, Specifications, Bill of Materials, O&M Manual, Schedule and estimated Cost. Stay tuned.

Each Zone will have its own water distribution network. Within each zone multi family septic tanks will also be constructed. Elevated tanks will store water that is transported to the community via a new water main. A 'ring main' will circumnavigate the entire area to provide water from all directions. Water that goes into homes will be collected, treated and via biological filtration, returned to the water table. Solid, proven designs. Thanks!



Figure 8. Zone 1 Distribution System