

IN THE FIELD

Ministries

Project Proposal: Rural Clinic / School Nabisooto Village, Uganda.



Background & Purpose

The country of Uganda is a landlocked area of East Africa and is roughly the same size as the State of Oregon. Countries surrounding Uganda include Sudan, Kenya, Democratic Republic of Congo, Rwanda and Tanzania. For many years Uganda has been described as the “Pearl of Africa” It was once a British territory but gained political independence in 1962. Since that time it has gone through many political challenges. Civil strife and armed conflict have had devastating social and economic impact on the population. This turmoil and the spread of AIDS has resulted in a country full of orphans, and widows.

Nabisooto is a village in a brand new location for **In The Field Ministries (ITFM)**. This new 25 acre location is an ideal area to focus on a much needed regional medical clinic. Our plan is to partner with several organizations in order to provide basic services to the local community initially while reserving an area for a future larger facility, if possible. According to statistics there are only 36 doctors in Uganda for every 100,000 people, compared to the US which is around 390 doctors for every 100,000 people. Another statistic states that 80% of doctors live in the city but 80% of the people live in the country with no way to get to the city. People die every day from preventable diseases. Putting a clinic in this strategic area will save lives. The ability to work in and with the community will provide much needed services such as help with malaria medicines, common flu, lumps and bumps as well as hygiene and disease prevention classes.

ITFM Clinic Project 2011

Summary



Joseph



Territorial View, Nabisooto

Executive Summary

In The Field Ministries (ITFM) has recently obtained 25 acres of land in Nabisooto, Uganda and plans to dedicate a sizable portion along the main public access road for the purpose of building a local clinic facility. The facility will be staffed in time with a Ugandan nurse in partnership with other organizations both here in the US and abroad and will be able to host multiple types of medical services. Essentially whatever medical expertise is willing to come and serve will be welcomed by **ITFM** and the local community. The clinic will be set up with running water, electricity and housing for the local staff as well as visitors as time and resources permit. The clinic will eventually be self sustaining and operate normally using a small fee structure. This will provide local villagers basic care and emergency services when visiting teams are not on site.

Currently, a person must walk more than 10 miles to the nearest rural clinic or travel several hours on public transportation in order to get to a hospital which would be near or in the capital city of Kampala. We are currently seeking partners to help us complete phase 1 of this project by the Fall of 2011. Phase 1 will include basic housing for two nurses, modern showers, toilet facilities as well as security for the clinic area & storage. We are requesting individuals and groups to get involved in a specific piece of the project and help us fund each area to completion. **ITFM** is counting on your support to help us get the phase 1 portion up and operational this year.

Phase 2+ will be based on the needs discovered in the village as well as **ITFM**'s ability to work with partners in a structured way raising the necessary funds for construction of future facilities. This phase would include guest / visitor housing and the possibility of a vocational / technical school along with the infrastructure necessary to be truly functioning at full capacity. Additional future clinical facilities such as a birthing center may be requested and will be considered based upon local need and the ability to fund the future buildings. Space is being set aside specifically for future medical facilities until the support is available for construction.

Process

There are several considerations that will affect the execution and timing of this project.

1. Weather: Ugandan seasons will determine the amount of work that can be accomplished in a given time period. During the rainy season it's not practical to have workers on site trying to build in extremely wet weather. So timing is key.
2. Security: A storage facility will need to be built immediately to secure the large cement mixer and miscellaneous tools & supplies to deter theft. **(Completion expected June 2011).**
3. Building Method: We are utilizing the FinnBUILDER System developed and used extensively in South Africa. This will help cut back on transport costs of finished materials to the site, lower overall costs and result in stronger steel reinforced concrete buildings. **We have a team trained on the Finn BUILDER System.** (summary on the Finn Builder below)
4. Staffing: Each phase requires more staff in Uganda. Phase 1 will require a minimum of one to three employees. Staff will be provided by **ITFM** for a short time until the facilities are self supporting.
5. Funding: This project will only be built as funding is received. The site will be developed in logical phases so projects are not started until the money is available to complete them.

FinnBUILDER

The FinnBUILDER method of construction is relatively new in Uganda and not very well known. **ITFM** is working with a local construction contractor who has been to South Africa for hands on training in this process. The concept is as simple as it is ingenious. The FinnBUILDER itself is a metal form that uses a clamping method to align and size itself as you move around your foundation. The cement is mixed in a fairly dry but consistent method to get the same results every time. The “mud” is placed into the form and tamped down and leveled then the form is unclamped and moved over to the next spot. Reinforcing wire is used between several courses and iron rods or “rebar” is used at the top of walls (ring beam) and in the corners. As the team works around the foundation and on the interior walls there is enough time for the earlier courses to set and be ready for the next course. Construction can move at a fairly quick pace producing a very solid and sturdy building.

By using the FinnBUILDER system we have eliminated the purchase and transportation of fired brick. We expect our costs to be reduced by approximately 20 percent or more. In Nabisooto we also have quartzite rock on the property for our own concrete construction use which will also help reduce costs at this location.



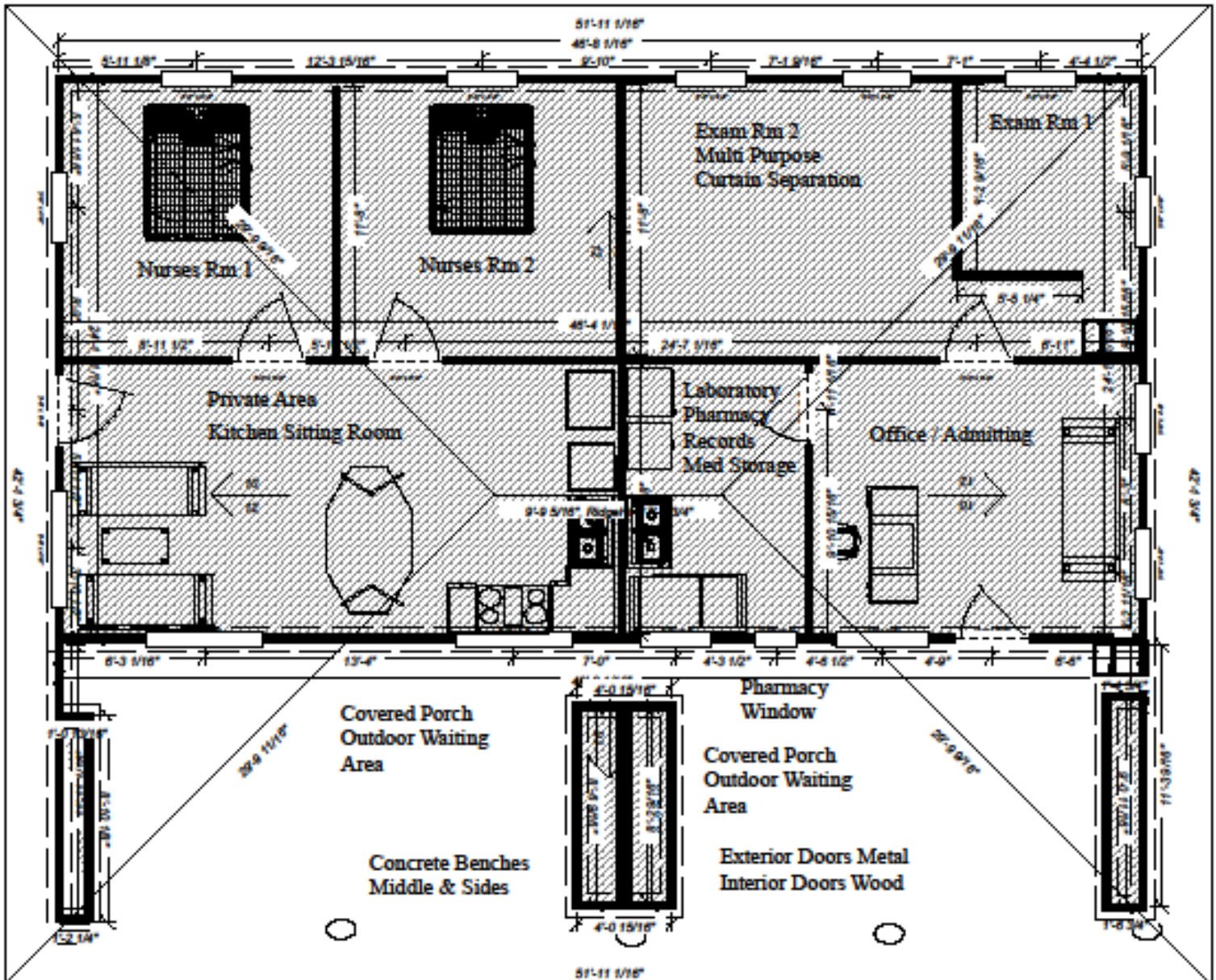
Doc working on the bathroom.



Joseph working on storage building.

Phase 1: Clinic with Nurses Housing Unit Combo

Basic building with roughed in plumbing = \$26,000

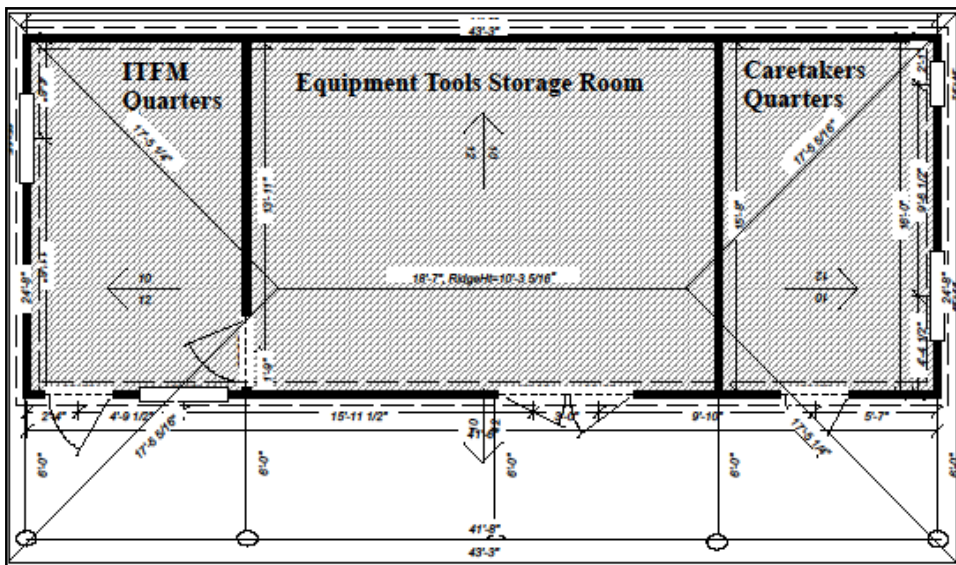


We are going to combine the nursing quarters and clinic under the same roof to help keep costs down. In the future additional buildings will be separated out for housing and the private area above will be turned back into the clinic.

Phase 1: Storage—Security + Caretakers Quarters

Construction material storage, caretakers housing & bathroom (not shown). = \$16,000 (Complete)!!
Security Fence = \$2,500 (still needed)

The storage building / security guard quarters will be the first building built on site. It will be used immediately to secure all the building materials and tools used on the job site and house the cement mixer when not in use. In the future when the main clinic buildings are ready, a suitable skid mount generator will be permanently installed inside this facility. It will be sized in order to provide power for the entire complex and future expansion when needed. (Update—March 2011, Storage Facility is under construction! Main change is that an additional room has been added to one side for additional housing, a veranda added to the front and the roof enlarged for future attic space use)



**Complete
as of July 2011!!**



STORAGE UNIT + ITFM & Caretakers Quarters

Phase 1: Portable Gasoline Powered Cement Mixer

Cement mixer and additional FinnBUILDER system = \$4,700 (Done)!!

A cement mixer is required when using the Finn Builder System. The “mud” needs to be mixed in exact proportions every time in order to get the best results.



Concrete Mixer

A reasonably priced machine with spare parts locally available in Kampala.

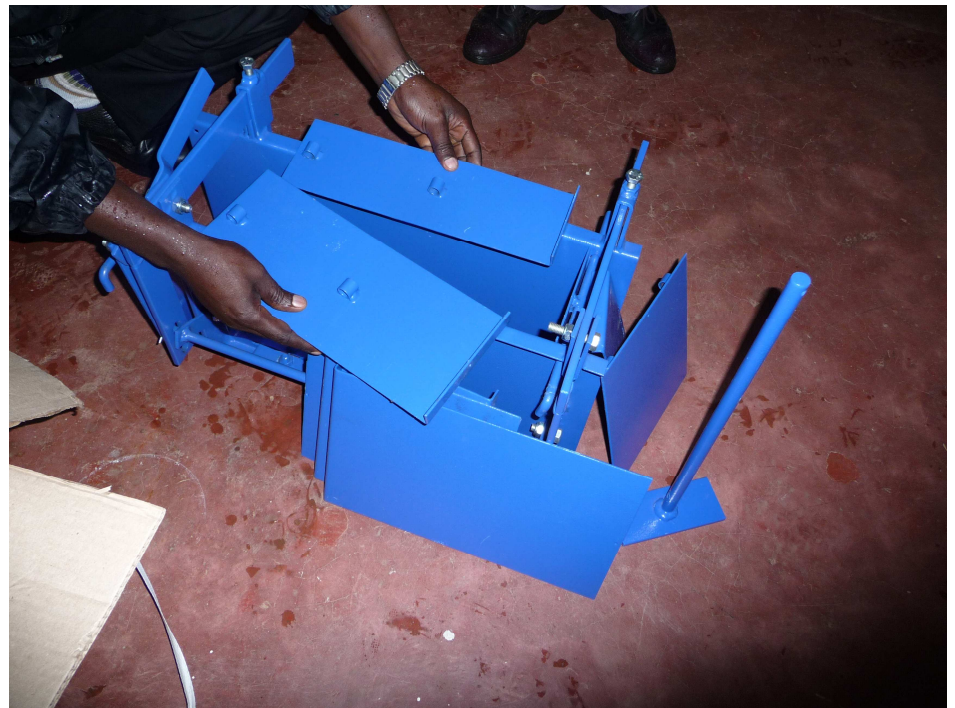
Update: We have purchased an Ian Dickie gasoline engine (Honda) powered mixer.

This machine can be loaded into a pickup truck with 3 people. This would not have been possible with the Diesel Engine powered model from India. That will have to wait for a future project! This is a great running machine and works very well.

FinnBUILDER

This is the actual Finn Builder “system” recently purchased while in Uganda in 2010. **ITFM** has trained several people on this new system and intends to use this method for future construction in the bush on our projects. We are going to be tracking our expenses carefully to save as many resources as possible. See page 3 for additional details and pictures.

(Update; we now have 3 FinnBUILDERS and they are working very well)!!



Phase 1: Water Catchment and Solar Electric System

Water Catchment and Solar Power System = \$7,500
Solar Hot Water, \$1,800

Water catchment utilizing gutters off the storage / initial housing will be for washing clothes, showers and flushing toilets. With the new well drilled we are moving the solar powered pumping system install up just as soon as funds are available. Plans are in place to use a circular FINN Builder to construct a concrete in ground tank that will hold approximately 9400 gallons of water when completed!



Example of water catchment system from gutters on building.

The immense quantity of rain in Uganda makes this a cost effective way of collecting water.



We will need a few solar panels with a charge controller, wiring, deep cycle no maintenance batteries and a quality inverter for a few lights and amenities in the house.



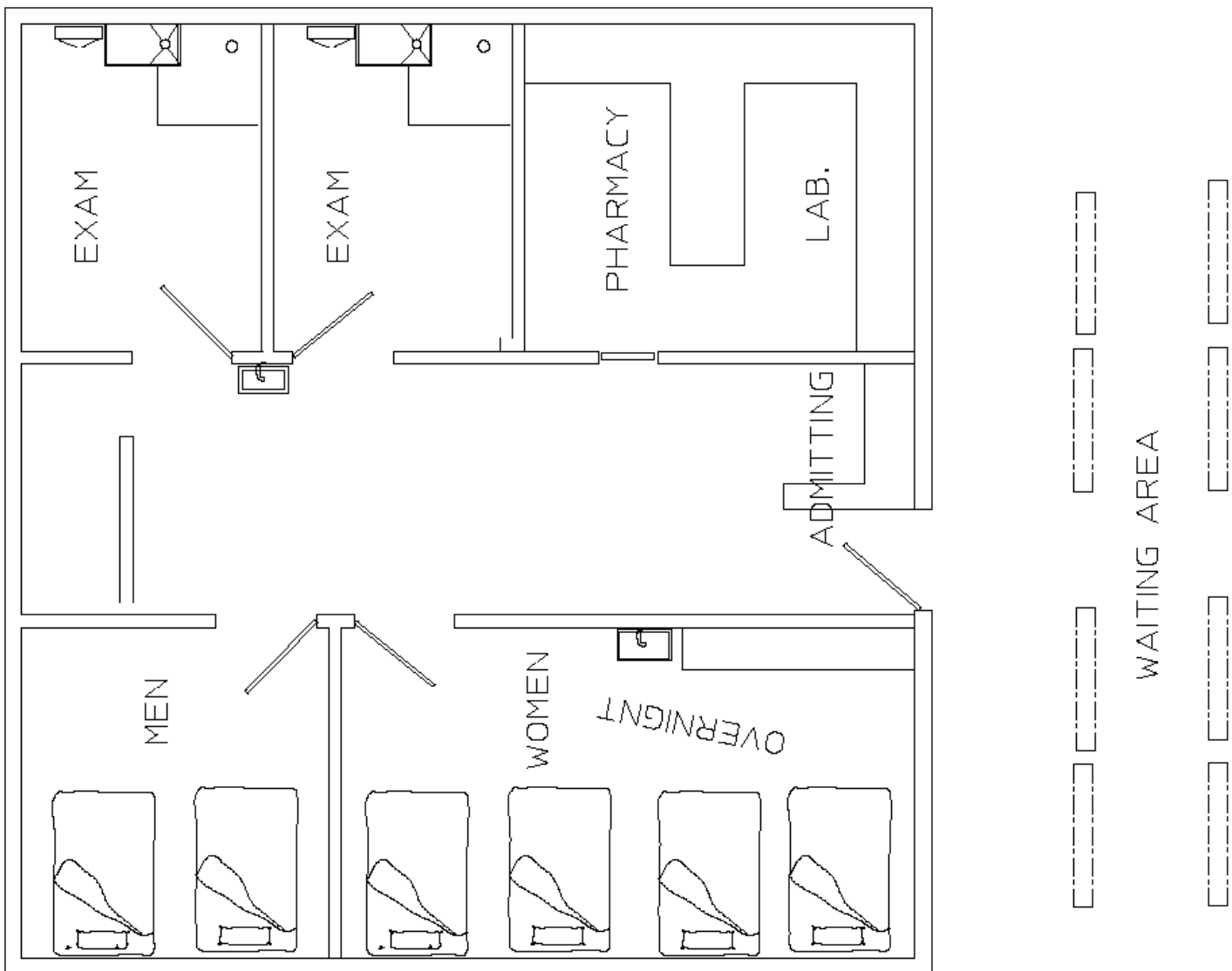
Update; ITFM has purchased a 2500watt 240volt 50hz inverter & charge controller from the USA to use in this design. Balance of system components, wiring, batteries, panels etc. will be sourced in Uganda.

The equator runs through Uganda making Nabisooto a great place to utilize the sun's energy. It won't take much to have all the features of home many miles from the nearest commercial power lines. Our goal is to make the living arrangements for the nurses fairly comfortable in this remote settings. Eventually we will even build and install our own solar powered water heating system for the ultimate "sun" shower! We intend to add this into the build with future teachers / guest housing so visitors will have a clean and comfortable place to stay & work.

Possible Future Clinic Building Nabisooto, Uganda

View of Main Clinic Building Phase 2+.

Once the site is up and running with Phase 1 completed and working successfully, we will begin the process of looking into an onsite clinical facility for future operations. Phase 2 will begin with the expansion of the main clinic if needed, a vocational technical school and possible other school facilities. The plan is to work hand in hand with the local councils as our partnerships are able to staff the facilities, grow and continue to successfully reach out to the local community. Phase 2+ will also include the need for quite a bit more power at certain times as well as a constant reliable and larger supply of clean and safe well water for these on site projects. Meeting the needs of the clinic facility as well as providing clean safe water to the local villagers is an early primary goal.





IN THE FIELD

Ministries

Funding Requirements:

ITFM has worked very hard to keep the costs down and begin this process with just the basics necessary to succeed in the bush community. Please feel free to contact us with any questions or concerns. We have completed construction of the storage facility with two small housing units and a bathroom in July 2011. We would like to have the Phase 1 clinic completed by the end of 2011. **ITFM** would like to see groups and individuals take on pieces of this project and raise the necessary funds to complete this initial phase and then future phases of the project. What can you do? 1. Fundraise within your local community. 2. Contact health care professionals willing to donate future time visiting Uganda to serve the people. 3. Pray for our success in completing this project. 4. Promote the work of **ITFM** to your friends and family. 5. Partner with us to help run pieces of the projects when done. We look forward to an exciting year and to everyone's participation in this very worthwhile project! Everything is very possible when many people get involved and work together!

Phase 1 Goals

Purchase Land (done)	\$25,000.00
Clinic/House Combo Unit	\$26,000.00
Storage & Toilet (done)	\$16,000.00
Solar Pump and controls	\$3,500.00
Portable Mixer/2nd Finn Builder (Complete)!	\$4,700.00
Initial Security Fence	\$2,500.00
Water Catchment / Solar (Some equipment in hand -\$3500)	\$4,000.00
Drill Bore Hole (done)	\$8,000.00
Total needed for Phase 1	\$89,700.00
Total Received	(\$53,700.00)
Needed to complete Phase 1	\$36,000.00

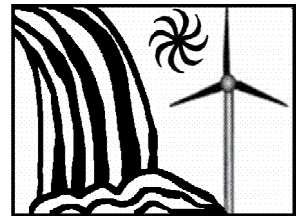
Phase 2+ Goals

Vocational School (2 rooms)	\$26,000.00
Medical as Needed (2 Rooms)	\$26,000.00
School Offices / Multi Purpose	\$13,000.00
Guest Housing for Visiting Teams	\$25,000.00
Visitors Western Style Bathrooms	\$11,000.00
Teacher/Student Housing	\$25,000.00
Compound Security Fencing	\$7,500.00
Main Site Water Tower & Equip	\$12,800.00
Generator/Controls/Pumps	\$17,500.00
Future Projects TBD!	





Every gift helps
Every gift helps
There are many ways to give:



One Time Gift by check or money order: \$ _____

Make checks out to ITFM and mail to ITFM; PO BOX 899 North Bend, WA 98045

Name _____ Email address _____

Donate online: Use a credit card or Pay Pal and donate via our website. It's easy.

www.inthefieldministries.org

Monthly Pledge: No Checks No Stamps No Worries

Name: _____ Phone:() _____ E-mail: _____

Address: _____ City: _____ State: _____ Zip: _____

For Checking Account

- 1. I hereby authorize In The Field Ministries (ITFM) to initiate debit entries to (withdrawals from) my account at the financial institution named below, for my monthly pledge of: \$ _____
2. Name of financial institution: _____
3. Financial institutions routing number: _____
4. My account number: _____
5. I would like my monthly pledge to be withdrawn on the _____ (2nd through 28th day) of each month. I am enclosing (required): [] a check in the monthly pledge amount or [] a voided check.

For Credit/Debit Account

- 1. I hereby authorize In The Field Ministries (ITFM) to charge my account named below, for my monthly pledge of: \$ _____.
2. Please select: [] Visa (credit card or Visa branded debit card) [] MasterCard (credit card or MasterCard branded debit card) [] American Express [] Discover Card
3. I would like my monthly pledge charged to my account on the (2nd through 28th day) of each month.
Name (print as it appears on card): _____
Account Number: _____ Exp Date: _____ (mm/yyyy)

I understand that this authorization to debit or charge my account for my monthly pledge amount will remain in effect until I notify ITFM in writing or by phone that I wish to end this agreement, allowing ITFM reasonable time to act on it, or until ITFM has sent me 10 days written notice that they wish to end this agreement.

For all notifications; In The Field Ministries; P.O Box 899; North Bend, WA. 98045 (425) 888-3211

Please sign this form, detach and mail it to ITFM. Keep a copy of the signed form for your records or request a copy from us.

Signature _____ Date Signed _____

Donate your time:

Fundraising is a team sport. To stay in the game we need a great coach, key players who know the field, and supporting team members focused on the goal. There is a spot for everyone who wants to play.

The fans are the people and especially the children of Uganda who are praying for help every day.

Call Kimberly at 425-888-3211 and join this exciting team.