



Document 903

IMPLEMENTATION AGREEMENT

EWB-USA projects are most successful when there is a three-way partnership between each of the entities listed below. Each partner has specific skills and expertise, which together, contribute to a more sustainable project over the long-term.

- **Community** - Community-Based Organization (CBO) and Community Members
(*Examples include: water board, community development committee, women's committee, village council, individual families, etc.*)
- **Local Partner Organization(s)** - Local NGO and/or municipal/city government
- **EWB-USA Chapter**

This contract is between Georgia Tech chapter of Engineers Without Borders, USA, Oloo Uganda: Villages of Obangakura A, Obangakura B, and Alekolwonga, and A River Blue for the purpose of setting guidelines for Phase II of Oloo Water Supply (EWB-USA Prol. No. 9472). **The specific conditions listed below must be included in the standard EWB-USA Implementation Agreement.** Additional roles and responsibilities identified by any party to the agreement may be added at the discretion of all parties to the agreement. This document must be signed by all parties in order to begin construction of Phase II of Oloo Water Supply. The roles and responsibilities agreed to in the previously-signed Project Agreement remain in effect in addition to the commitments outlined below.

PRE-CONSTRUCTION PHASE

Oloo Uganda: Villages of Obangakura A, Obangakura B, and Alekolwonga responsibilities:

- Provide **2,415,000 Uganda Shilling***, which is 5% of the capital construction cost in cash before construction begins. Show the Georgia Tech chapter of Engineers Without Borders, USA (EWB-GT) bank statement of 5% capital construction cost 3 months prior to travel.

*This amount is an estimate from the most recent quote. If this amount changes, EWB-GT will provide immediate notice.

- Provide written confirmation that the land required for the project implementation is owned by the community before construction begins. Alternatively, in lieu of ownership, the community can provide written confirmation that it has a permanent easement to use the property.
- Provide written confirmation that it has the legal right to use the water supply that is being developed in this project.
- Commit 5 workers for 5 hours per day for 8 days to the construction site.
- Provide the name of the community representative responsible for organizing the in-kind labor.
- Provide the name of three elected in-community technicians who will be responsible for routine maintenance tasks outlined in the operations and maintenance manual to be provided by EWB-GT.
- Provide the following list of equipment and tools for construction:
 - Shovels
 - Picks
 - Jerry cans
- Provide the following materials for construction:
 - Fine sand – 0.5 cubic meters
 - Gravel – 1 cubic meter

A River Blue responsibilities:

- Communicate to the community on behalf of EWB-GT
- Be present during construction of the system
- Provide any tools and equipment at the A River Blue's disposal that are needed for construction.

Georgia Tech chapter of EWB-USA responsibilities:

- Provide 95% of the capital construction cost in cash before construction begins.
- Provide qualified representatives of the design team during construction for observation or oversight.
- Communicate the requirements of site preparation prior to the chapter arriving for construction. This will be communicated to the community and the local partner two months prior to construction, or earlier as determined by the project needs.
- Coordinate with **Davis and Shirtliff** to provide all necessary materials, equipment and tools required for the construction of contracted work.
- Provide pump, solar array, controls, tank, and any other necessary equipment for the solar system through **Davis and Shirtliff**.
- Provide the following materials for construction:
 - Portland Cement – 10 bags

- #4 [#13] Rebar – 30 meters
- 1.5” [40 mm] HDPE Pipe – 30 meters
- All necessary plumbing fittings and valves
- 8-foot chain link fencing – 50 meters
- Fence posts – 20

POST-CONSTRUCTION/OPERATIONS AND MAINTENANCE PHASE

Oloo Uganda: Villages of Obangakura A, Obangakura B, and Alekolwonga responsibilities:

- Pay for 100% of the costs to operate and maintain the project, Phase I and II of Oloo Water Supply. This cost is estimated to be **1,540,000 per year, Uganda Shilling**
- Monetary resources will be collected from the community for operations and repairs (**community to choose one to include in the agreement**):
 - Periodically, *monthly*
- The amount collected per the schedule above will be: **1000 per household, Uganda Shilling**
- The position/committee responsible for identifying maintenance needs is:
 - **Onyanga Denis**
 - **Otongo Moses**
 - **Otwok Jimmy**
- This position/committee will be (**community to choose one to include in the agreement**):
 - **Appointed, by Oloo Water Board Committee**
- This position/committee will serve in this role for **2 years**.
- The position/committee responsible for performing maintenance is: **Oloo Community Water Board**
- This position/committee will be (**community to choose one to include in the agreement**):
 - **Elected by members/representatives of all household constituting Oloo water catchment**
- This position/committee will serve in this role for **2 years**.

A River Blue responsibilities:

- Provide ongoing support to Oloo Uganda: Villages of Obangakura A, Obangakura B, and Alekolwonga for a minimum of 5 years after construction is complete, as needed
- Assist with additional monitoring activities as identified by Georgia Tech chapter of EWB-USA as long as the program is active for the EWB-USA chapter.


Georgia Tech chapter of EWB-USA responsibilities:

- Develop a detailed operation and maintenance manual for the community (including applicable photos and local language, as appropriate). The manual will include a maintenance schedule and anticipated costs.
- Provide monitoring and evaluation of the project, Oloo Water Supply, for a period of not less than one year post-construction and as long as the program is active.
- Perform repairs to the project that are the result of errors in the design until they are corrected.


In addition to the responsibilities listed above, indicate the responsible party for each of the following:

- Coordination of translation services for travel team members of Georgia Tech chapter of EWB-USA will be provided by A River Blue.
- Scheduling of community-provided labor will be provided by A River Blue. This includes five community workers for five hours per day for eight days at the construction site.
- Procurement of selected construction materials before Georgia Tech chapter of EWB-USA arrives for construction will be provided by A River Blue.


On behalf of, and acting with the authority of the residents of Oloo Uganda: Villages of Obangakura A, Obangakura B, and Alekolwonga, the NGO partner A River Blue and Georgia Tech chapter of EWB-USA, the under-signed agree to abide by the above conditions.

 September 19, 2015
Signature Date
Tian Bo Yang
Printed Name

Project Leader – Oloo, Uganda in Georgia Tech chapter of EWB-USA

 14/09/2015
Signature Date
Omara Tom
Printed Name

Chairman, Water Board Committee in Oloo, Uganda

 14/09/2015
Signature Date
Okweny George Ongom
Printed Name

Executive Director in A River Blue

