



# 2023 WATER PROJECT FUNDING PROPOSAL



## **Uganda** **Refurbished Well Program**

(Partner, Suubi Community  
Projects Uganda)

## Brief Background & Introduction

Millions of people in rural Uganda rely on water wells equipped with hand-operated pumps for their daily water needs.

In parts of Uganda, one in every three wells is not in working order as the pumping equipment installed in the well has failed. The primary reason behind these failures is that in the past, many government and non-government organisations have simply come in with a drill team, drilled and equipped a well, and left. There was rarely any training provided on how to fund or perform well maintenance or the establishment of water management strategies.

In most cases, when the hand pump eventually needed repair, the communities could not do so because of the lack of resources, proper management or any sense of ownership.

In Uganda, BridgIT Water Foundation partners with Suubi Community Projects to not only install new water wells for communities in need, but also to refurbish the equipment and accessories previously working but now failed wells. The primary cause of these failures can generally be traced back to insufficient education, training and management skills being provided to the well users at the time of commissioning and handover.

**Bridgit Water** partners with **Suubi Community Projects Uganda (SPCU)**. SPCU is a registered non-government organisation whose mission is **“To help improve access to clean and safe water and the quality of health and education service delivery for the neediest communities in rural Uganda”**.

Since 2016, SPCU has partnered with BridgIT to address the water challenges in rural Uganda by providing safe water sources to hundreds of rural communities directly impacting over 680,000 beneficiaries.



There are few water resources in the rural areas, and a borehole is a priority for clean drinking water. Boreholes range in depth from 30 to 250 feet and are equipped with a simple hand pump. This mechanical pumping system is the most common water delivery method in the Uganda’s rural communities.

The hand pump refurbishment program has been very successful and is in high demand as it establishes immediate access to water for sanitation and hygiene and an existing borehole dramatically reduces the cost per project, giving great value to the invested funds.

**Our approach is based on the Self-Help model and together with partners we ensure sustainability strategies are implemented on all our projects.**

## Brief Project Outline

The proposed project seeks to execute the refurbishment of 31 boreholes within the Mukono and Buhweju Districts of Uganda.

The project will help to increase access to clean water in the sub-counties of Kasawo, Nabaale, Ntunda, Kimenyedde, Nagojje, Nakifuma, Kyampisi and Naama where BridgIT Water and Suubi are currently constructing new water wells and installing new pumping equipment. The refurbishment of failed wells will be undertaken alongside the construction of the new wells in the region.

- The existing boreholes were installed by the government at least 10 years ago.
- The boreholes have been out of service for at least 1 year.
- The communities could not afford to fund the repairs because there was no ownership or active Water User Committee (WUC) in place.
- WUCs will be established and rigorously trained on how to fund, maintain and manage the new water system. In addition, sustainability strategies will be implemented and will continue to be monitored.

## Project Description



### **It is crucial that community ownership is established for the sustainability of the refurbished well**

After receiving formal community requests, 31 broken hand pumps are targeted for repair.

It starts by conducting a routine needs assessment within the target community after receiving their formal request. This is followed by tasking the communities to establish or re-establish a Water User Committee (WUC).

Workshops will be conducted to train people on sustainability strategies including maintenance and repair to their new well.

## Scope of Work

The hand pumps are repaired by our international partner’s site repair team. Mechanical repairs for Indian Mark II pumps typically involve replacing the pump cylinder, rods, pipes and drive head. In addition, some masonry work to the concrete pad and run-off channel is usually required also. Building a security fence around the well and general grounds cleaning is required to be carried out by community members to ensure their commitment and buy-in to the project.

When the repairs are complete, full training is provided to the community covering establishing a Water User Committee (WUC).

WUC training focuses on educating the community about its obligations for the asset at the outset and implementing sustainability planning and the management of water user fees. Proper hygiene and WASH components also play a heavy emphasis through the training sessions.

A team of people are trained with the basic skills to carry out repairs on the hand pumps to enable them to manage ongoing maintenance and future repairs.

To keep good community relations, partners conduct routine follow-ups to check that the community are managing their resource and to assist or advise with any issues that may have arisen.



## Activities & Budget

Item	Activity Description	Cost US\$	Cost AUD\$
1	Hand pump replacement, MKII	\$850.00	\$1,260.00
2	Labour	\$100.00	\$150.00
3	Materials for masonry work on platform and run-off channel	\$50.00	\$80.00
4	Partner project support costs including mobilisation, WUC & WASH training, sustainability monitoring and signage installation	\$250.00	\$375.00
5	Bridgit project management, monitoring and evaluation	\$250.00	\$375.00
<b>Total Cost Per Well</b>		<b>\$1,500.00</b>	<b>\$2,240.00</b>

\*Currency unit based on US\$1 = AUD\$0.67 as an indication. To be recalculated at time of donation.

## Village Waiting List & Summary

The following list of villages in the Mukono District indicate the household beneficiaries who urgently require a refurbished well in their community to fulfil their water needs.

	Community Name	Sub-county	Population	H/Holds	Cost US\$	Cost AUD\$
1	Kiyagi	Kasawo	890	148	\$1,500	\$2,240
2	Bukasa	Ntunda	1,000	167		
3	Kawuku	Ntunda	900	150		
4	Kibiribiri	Ntunda	800	133		
5	Kitale A	Kasawo	700	116		
6	Namulaba	Naama	800	133		
7	Mangila	Nagojje	660	110		
8	Nama	Nama	570	95		
9	Kalungu	Nagojje	480	80		
10	Mirembe Kiyaji	Nabaale	660	110		
11	Kitale	Nabaale	580	96		
12	Kaganjo B	Nakifuma Ward	720	120		
13	Girinya	Kimenyedde	510	85		
14	Kawuku B	Kimenyedde	450	90		
15	Kiteredde	Ntunda	585	97		
16	Kijjo 2	Nabbale	630	105		
17	Namasinda	Kimenyedde	588	98		
18	Kokube	Kasawo	672	112		
19	Kisoga	Kimenyedde	750	125		
20	Kakiyoge	Namuganga	600	100		
21	Magwa	Namuganga	768	128		
22	Katule A	Namuganga	660	110		
23	Kakakala	Namuganga	690	115		
24	Lutengo	Nabbale	570	95		
25	Kiteredde	Ntunda	660	110		
26	Gonve	Nabbale	720	120		
	<b>Totals</b>		<b>17,613</b>	<b>2,948</b>	<b>US\$39,000</b>	<b>\$58,240.00</b>

The list of villages below is located in **Buhweju District in Western Uganda**. It is one of the country's remotest and hard-to-reach districts; only 12% of the population can access clean and safe water. The district is generally hilly, so drilling of boreholes is challenging. Boreholes in the area have served the people for many years; however, many have now broken down. The villages listed urgently request help to repair the failed boreholes and restore safe water supplies. Because of how remote these communities are, the repair budget is slightly higher.

	Community Name	District	Population	H/Holds	Pupils	Cost US\$	Cost AUD\$
						\$1,550	\$2,300
27	Kishungwe	Buhweju	1,100	122	367		
28	Kyanjura	Buhweju	1,050	118	350		
29	Ngogomire	Buhweju	960	110	298		
30	Rugaba	Buhweju	730	95	156		
31	Kikondera	Buhweju	940	115	250		
			<b>4,780</b>	<b>560</b>	<b>1,421</b>	<b>\$7,750</b>	<b>\$11,500</b>

**Approximately 22,393 people require urgent support and will directly benefit from this water program.**

## Monitoring and Sustainability

BridgIT and our partners are totally committed to the sustainability of the water systems we put into the communities we support. Sustainability gives value to the invested funds, and above all results in the intended impacts.

### **Community ownership must be established for the sustainability of a refurbished well.**

Once a refurbishment is completed, the well is handed over to the community and the Water User Committees will take ownership and be responsible for monitoring, maintenance and sustainability of the well.

Suubi Community Projects will continue to work with the community once the wells are operational. Suubi does this by following up the Water User Committee and checking the efficiency of their training and installations.

On behalf of all the beneficiary communities, we are very grateful to all donors and sponsors. We look forward to receiving support so that these thousands of people living in the rural communities that form this proposal can receive clean water.

**There is no better investment than to give clean water to those who urgently need it**

*.....Helping communities to help themselves*





## CONTACT US

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