



# 2022 WATER PROJECT FUNDING PROPOSAL

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## Uganda Refurbished Well Program

(Partner, Suubi Community  
Projects Uganda)

## Brief Background & Introduction

Millions of people in rural Uganda and Africa at large rely on water wells or 'boreholes' for their daily water needs.

In sub-Saharan Africa, one in every three wells are in non-working order, most commonly due to broken hand pumps, used to pump ground water to the surface. This is because in the past, many government and non-government organizations have simply come in with a drill team, drilled a well, and left. There was rarely any training on well maintenance or the establishment of water management strategies.

When the hand pump eventually needs repair, the communities are unable to do so because of the lack of resources, proper management or any sense of ownership.

The situation is not any different in the areas where Suubi Community Projects has installed new wells, Mukono and Hoima districts.

While we are working in these villages, we receive many requests from communities for support to repair their broken boreholes.

In most cases, the repair only requires an overhaul of the hand pump system, but this cost is way too high for the communities to fund if they have not been pooling together a maintenance fund over a period of time.

**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"**.

SPCU has for the past 6 years partnered with Bridgit to address the water challenges in rural Uganda by providing safe water sources to hundreds of rural communities directly impacting almost 500,000 beneficiaries.



During the Covid pandemic Bridgit focused attention on our refurbished well program in rural Uganda, which implements repairs to existing drilled boreholes previously installed by either government or other aid organisations.

The hand pump repair (refurbishment) program has been highly successful and is in high demand as it: establishes immediate access to water for sanitation and hygiene; and a pre-drilled bore greatly reduces the cost per project and gives 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 complete overhaul repairs to 30 boreholes within the Mukono District of Uganda.

Within Mukono, 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 we are currently working. The repaired boreholes will greatly reduce the pressure/demand on the new boreholes we have constructed or where there are currently no bore wells in service.

- 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.
- WUC's will be established, trained and monitored with sustainability strategies to maintain the refurbished well.

## Project Description



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

After receiving formal requests from communities, 30 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 partners trained site repair team. Mechanical repairs for Indian Mark II pumps typically involve replacing the pump cylinder, rods, pipes and pump head. 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, a highly participatory workshop is carried out in the community to provide training on borehole management and to establish a Water User Committee (WUC).

WUC training topics most importantly include community ownership from 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 energetic young persons are also trained with the basic skills required to carry out repairs on the hand pumps to enable them to manage their own repairs in the future.

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



## Activities & Budget

Item	Activity Description	Cost US\$	Cost AUD\$
1	Hand pump replacement, MKII	\$850.00	\$1,215.00
2	Labour	\$100.00	\$145.00
3	Materials for masonry work on platform and run-off channel	\$50.00	\$90.00
4	Partner project support costs including mobilisation, WUC & WASH training, sustainability monitoring and signage installation	\$250.00	\$300.00
5	Bridgit project management, monitoring and evaluation	\$150.00	\$250.00
Total Cost Per Well		\$1,400.00	\$2,000.00

\*Currency unit based on US\$1 = AUD\$0.70 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.

Ugandan schools have been closed for the past 2 years due to the Covid pandemic and we have received many requests for support towards refurbishment of broken-down borehole at schools or in villages where they are shared with a school. Therefore, we are prioritizing the schools on this list.

	Community Name	Sub-county	Population	H/Holds	Pupils	Cost US\$ \$1,400	Cost AUD\$ \$2,000	Cost/person
1	Kiyagi	Kasawo	890					\$2.25
2	Bukasa	Ntunda	1,000					\$2.00
3	Kawuku	Ntunda	900					\$2.22
4	Kibiribiri	Ntunda	800					\$2.50
5	Kakakaala	Kasawo	900					\$2.22
6	Kitale A	Kasawo	700					\$2.86
7	Bamusuta A	Nabaale	750					\$2.67
8	Bamusuta B	Nabaale	750					\$2.67
9	Kyajja	Nagojje	1,000					\$2.00
10	Namulaba	Naama	800					\$2.50
11	Kayini Kamwokya	Kasawo	1,270	152	365			\$1.57
12	Makukuba Mende	Nabaale	1,380	167	380			\$1.45
13	Nkulagirire	Nabaale	930	155				\$2.15
14	Kitto Lusanja	Nabaale	1,266	148	376			\$1.58
15	Nabalanga West	Kasawo	1,460	175	413			\$1.37
16	Kayunga	Nabaale	730	122				\$2.74
17	Kasayi	Kyampisi	1,160	135	350			\$1.72
18	Mangila	Nagojje	660	110				\$3.03
19	Kigogola	Kasawo	996	90	456			\$2.00
20	Busenya	Kimenyedde	1,117	125	367			\$1.79
21	Kiyaji B	Kasawo	1,157	130	377			\$1.73
22	Ndiiba	Kasawo	560	98				\$3.57
23	Kichwa Village & School	Kasawo	870	85	356			\$2.30
24	Nama	Nama	570	95				\$3.51
25	Nakifuma Ward	Nakifuma	900	150				\$2.22
26	Kalungu	Nagojje	480	80				\$4.17
27	Ggavu	Kasawo	1,085	120	365			\$1.84
28	Kaganjo	Nabaale	660	110				\$3.03
29	Namwoya	Nabaale	1,032	105	402			\$1.94
	<b>Totals</b>		<b>26,773</b>		<b>4,207</b>	<b>US\$40,600</b>	<b>\$58,000.00</b>	<b>\$2.17</b>

**Approximately 26,700 people and 4,200 school children require urgent support and will directly benefit from this water program.**



## Monitoring and Sustainability

Bridgit and our partners are very much concerned about 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 impact.

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

On refurbishment completion, the well is handed over to the community and the Water User Committees will take ownership and be held responsible for monitoring, maintenance and sustainability of their own wells.

Suubi Community Projects has implemented this program and will continually monitor the project with the community once the wells are operational. Suubi does this by following up the community and checking the efficiency of their training and the 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 rural communities and thousands of people in 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*



Picture of children in Nanfumba Village collecting water from their new refurbished well completed in July 2021.





## CONTACT US

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