



CALL FOR PROPOSALS

Deployment of charity: water Smart Handpump Sensors

ATTENTION:

Organizations with an interest in rural water operation & maintenance in Uganda

To follow on recent announcements, charity: water has been developing smart “IoT” sensors for India Mark 2 handpumps with the following strategic goals:

1. To keep water flowing to reduce water point downtime and improve functionality.
2. To reduce overall water point maintenance costs.
3. To provide transparency to donors, governments and funders.

As charity: water's national implementing partner in Uganda, Lifeline has been testing and ground-truthing 8 sensor prototypes in Apac and Kwanja Districts since October, 2020. The results look promising so far. The sensor is able to measure both volumes of water (output) and strokes of the pump handle (input), as well as transmit data periodically through GSM networks. We see this technology as a key enabler for the successful implementation of the National Framework for Operation and Maintenance of Rural Water Infrastructure.

We will soon move into the next phase, which involves the deployment of the first batch of mass-produced sensors, expected to begin in Uganda in May of 2021. **A limited number of sensors will be provided free of charge to testing partners, including access to the data. The deployment will be targeted to organizations who have an interest to test, and have valuable use for, the data in their operational area.**

As such, we are seeking organizations that can benefit from access to rich, relevant-time technical data to improve the performance of their O&M-related WASH programs. Any type of organization may apply to participate (public, private, NGOs, CBOs, associations, etc.).

How to apply? Simply [complete this form](#) by Friday March 26th, 2021.

Please feel free to share this information with any organization that may benefit from this data. Feedback will be provided to the selected participants by April 5th, 2021.

Thank you and we look forward to partnering with you. For any questions, please reach out to Igor Markov [by email here](#). Learn more about [charity: water's technology here](#) and [Lifeline's installation and initial testing here](#).