MaKoleKole

DRILLING & WATER SOLUTIONS LTD

WATER FOR LIFE

Partnering with charities and organisations to supply clean safe water to the Remotest communities of the Luangwa Valley – Zambia.

In the remote villages of Zambia's Luangwa Valley thousands of families still do not have access to safe, clean water. Women and children in rural villages often travel miles to find water in rivers or shallow wells. Collecting water from rivers is potentially dangerous not only because the water is not clean but the risk of injury and death from crocodiles, elephants and other wild animals is very real; every year lives are lost.

UNICEF millennium development goal.

' In order for children and families to benefit from clean water and sanitation, water points and sanitation facilities must be accessible. Distance is critical because the shorter the distance to clean water, the more consistently it will be utilised. Furthermore, as fetching water is a task most commonly assigned to girls and women, shortening the distance between households and water supply is essential to reduce the time girls spend in fetching water, which in turn will provide them with more time to attend school.'

Water from shallow wells is also potentially dangerous. Hand dug wells are usually only 5 - 8 or so metres deep and utilise water from the top of the water table. Not only is this usually contaminated but they often dry up towards the end of the dry season.

In many places here in the Luangwa valley there isn't even access to shallow wells and the community has to resort to digging in the seasonal river beds. This task always falls to the women and children. Water collection in the drier months is dangerous, extremely hard work, time consuming and gruelling.

Luckily, the solution here in the Luangwa Valley is extremely simple – communal boreholes equipped with sturdy,' low tech' hand pumps.

Settlements usually consist of extended families grouping together into small villages. The water requirements for a settlement like this can be provided for by a properly installed borehole – serving perhaps two to three hundred people. It only takes about a week to drill and install the borehole, and to transform lives forever.

Makolekole Ltd focuses on the most remote and marginal of communities where the people have otherwise been forgotten. Our LS200+ Texan rig is so lightweight we can reach the places conventional heavy rigs cannot access and the 'rotary mud' technology of the rig is perfectly suited to the unstable substrates of the Valley.


We are uniquely qualified with our local knowledge of the geography , socio-economics and the many and varied challenges of the Luangwa Valley, to bring clean, safe water to the most remote and marginalised communities.

Makolekole Ltd provides a complete borehole service;

- Identifying local needs
- Divining and siting the borehole
- Drilling, casing and gravel packing
- Pump testing
- Water quality testing
- Provision and installation of hand-pump and high quality concrete apron, run off and soakaway
- Liaison with local authorities to licence the borehole
- Support in the creation of the Borehole Committee
- Advice regarding maintenance and upkeep
- Reporting back to donors/partners
- Hosting donors/partners to visit their sponsored boreholes.

Each borehole is individually costed and quoted depending on the location and conditions but the average price is around US $5,900 per borehole. We are of course happy to discuss discounts for multiple boreholes. We are partnered with charitable organisations in the US, UK, Germany and The Netherlands making it possible for donations to be tax deductible.
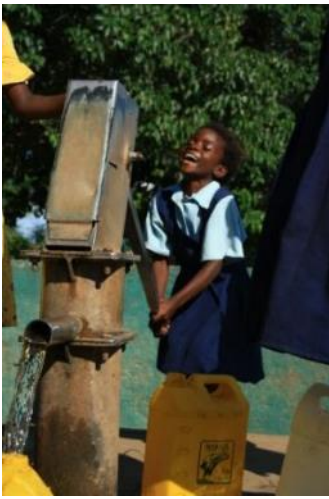
We provide regular updates to sponsors together with information, facts, figures and imagery to ensure our partners are able to maximise their CSR investment and also benefit from the excellent PR opportunities that providing clean, safe water to our communities provides.

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BEFORE MAKOLEKOLE   AFTER MAKOLEKOLE