

SUSTAINABLE WATER PROPOSAL

MGK is striving to provide Mozambicans living in the northern province of Niassa with access to improved water and sanitation. There are over 200,000 people living in and around the city of Lichinga, the provincial capital, and only a small percentage of them have access to clean water and sanitation. Our neighbors sometimes walk up to 7 miles to unclean streams that are used for bathing, clothes washing and latrines. The sicknesses that are created from this situation are innumerable .

Since there are no bore-hole drilling machines (government or private) based within the province, the price of improved water has been set at over \$200 USD a meter. This is done through temporarily importing a machine from the neighboring country of Malawi which is difficult for the average Mozambican living on an average of \$55.00 USD a month.

The objective of our proposal is to acquire a well drilling machine capable of supplying water to thousands of people living within and surrounding the provincial capital city, Lichinga. Our goal is to train a team of 8 men who can operate and maintain a diesel mud-drill rotary rig. We are committed to helping drill 2 non-profit wells per month for the communities in which we work. This would require the community to raise money amongst themselves to provide the Afri-dev hand pump which costs around \$500 USD. This guarantees that the community is not receiving a hand out but invested in the future of their source of water. During the rest of the month the team will drill "for-profit" wells at a just price of \$50 USD per meter that will go toward maintenance of the rig and salaries for the drill team.

We have seen measurable success with our sanitation program and have drilled water wells previously with a manual percussion drill that takes up to two weeks for a shallow well. So now it is our desire to expand to drill more wells to reach more people with a drilling project that can sustain itself for years to come.

We are trying to raise a remaining \$19,000 of the total \$35,217 needed to obtain the drilling rig, equipment, and training necessary to begin drilling wells for the Niassa province of Mozambique. We appreciate your interest and consideration in partnering with us to bring water to those who live without. Thank you. Please contact me for more information.

Sincerely,

Rusty Caldwell