







## Permanently Ending the Vicious Cycle of Poverty in Africa with Life-giving Water & Drip Irrigation Farming

!! REMEMBER TO SET YOUR ALARM on APRIL 21st !!

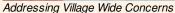
With the Ndebwe villagers, we will BROADCAST LIVE on Social Media when the Water Taps are Turned On!

**HOW IT ALL WORKS:** 

INGENUITY & ISRAELI INNOVATION at WORK - "Tikkun Olam" Repair The World

innovation:Africa's (iA) local managers work with the village communities identified and funded by Water 4 Mercy, Inc. A 'Solar Water Committee' is created to conduct extensive training during the construction phase. After surveying the land, iA installs a solar powered deep water well accessing water that is trapped in the aquifers below the ground.







'Solar Water Committee' Involvement

A pump is inserted into the shaft with a solar panel connection to reach the aquifer, up to 400 Meters deep. This water is then deposited into a water tower that local villagers help construct. When water is needed, it is propelled by gravity to destinations around the village via 10 to 15 installed taps.



Ndebwe Villagers Digging the Trenches



Laying the Piping



Ndebwe Villagers building the Water Tower



Installation of UN Award Winning Remote Monitoring System

iA's **UN Award Winning Remote Monitoring Technology** is installed. The custom designed system collects data from iA's solar powered pumps and sends that information to an online server that can be accessed from any computer or mobile **from anywhere in the world.** Smart technology is used to update key information.

iA knows how much energy will be produced and consumed and can predict problems before they start. Moreover, by remote monitoring, the installed system is resistant to breakdown, vandalism, or theft and is 100% successful.





**Ndebwe's Water Project** is a very large system that will provide clean water to more than 4,500 people. **Key Facts**:

■ Drilling

Depth:

Reached

water

at

185

Meters

■ Number

of

Water

Distribution

Points:

18

total

■ Distance

of

Water

Scheme:

7.8

KM

Radius

■ Tower

Construction:

2

Water

Towers,

7

Meters

each

with

10,000

Liter

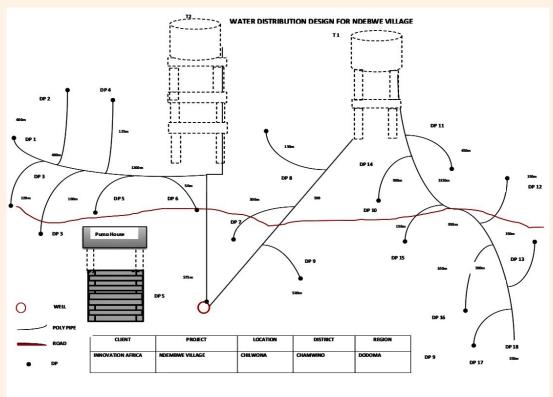
tank

on

top

■ Additional

Tower: 5.5 Meters for the Pump House



Ndebwe Water Distribution System Design

### 2019 Ndebwe Donor Trip Itinerary (4/19/19 - 4/25/19)

- Day 1: Arrival/Overnight stay in Dar Es Salaam hotel
- Day 2: Visit Dar Es Salaam Museum, Charter flight to Dodoma, Tanzania, overnight stay at Hotel in Dodoma
- Day 3: Attend Easter service at local village church, visit and celebrate turning on the taps for the very first time at Ndebwe Water Project, visit Mwinyi Village
- Day 4: Visit and celebrate with other villages, including Isangha, Manda & Maila
- Day 5: Visit prospective health center, solar and water sites at Ikowa Village and Vikonje Village
- Day 6: Dodoma Hotel check out; add on Safari Trip excursion; Return Flight to USA

# Providing African Villages with Permanent, Sustainable Advanced Water and Agricultural Solutions

## **Click Here to Donate**

#### IS AN AFRICAN DONOR TRIP IN YOUR FUTURE?

See your impact firsthand and experience the villagers' joy as the water taps are turned on for the VERY FIRST TIME in the village you helped fund!

### Follow us on:

facebook.com/water4mercy twitter.com/water4m instagram.com/water4mercy https://www.linkedin.com/company/water4mercy/

## **Upcoming Events**

April 19th - 25th: Ndebwe Donor Trip to Dodoma, Tanzania in AfricaApril 27th - 28th: Water 4 Mercy Display Table, National Shrine of Divine Mercy, Stockbridge, MA

For details how your group can participate in a Donor Trip with Water 4 Mercy or to schedule a Speaking Engagement for your organization, contact us at 727-439-4222, info@Water4Mercy.org or visit our website at www.Water4Mercy.org.

info@Water4Mercy.org / 727.439.4222

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