

# **Project title: Safewater Project: Wells, Rainwater, and Water Filters for Tanzania's Children**

Project location: Town/village name: Mororoni and Kikatiti

District: Arumeru Region: Arusha

Name of organization: Wakefulness Orphans and Widows Tanzania (WOW Tanzania)

Name of project coordinator or lead contact: Mrs. Paula Perkins-Chomba

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Our project in Mororoni and Kikatiti aims to provide safe drinking water to families, Nasholi Secondary, Nasholi Primary, Kimandafu Primary, and Kikatiti Primary schools by constructing four wells, purchasing water filters, and installing rainwater collection tanks. Access to safe water will enable the community to establish gardens and plant fruit trees, addressing food scarcity and promoting healthier living.

The proposed project aims to address the critical issue of water scarcity and contamination in impoverished communities, impacting four schools, two communities, and numerous households. Despite collecting water during the wet season, health issues arise from drinking unfiltered rainwater, and the lack of sufficient storage tanks means the water runs out before the dry season ends, exacerbating health problems and food insecurity due to the inability to grow gardens and fruit trees with salty groundwater.

## **Project Description:**

Expansion of Water Infrastructure, Rainwater Harvesting Systems, and Filter Distribution: Our aim is to significantly expand our efforts in constructing wells, implementing rainwater harvesting systems, and distributing water filters to additional communities facing severe water scarcity and contamination issues across Tanzania.

## **Steps Taken By The Community To Date:**

In the heart of Tanzania, where the need for safe water is acute, our WOW Tanzania organic community garden is flourishing, bringing hope and sustenance to families in need. With the

goal of alleviating food scarcity and providing a sustainable source of nutrition, the WOW Tanzania organic community garden has become a vital lifeline for many. The garden, tended to by dedicated community workers, has been successfully feeding poor single-parent families, widows, and orphans, providing them with fresh produce they would otherwise struggle to afford. Last year, a well was built to ensure the garden has a reliable water source. This not only supports the growth of more food but also lays the groundwork for our broader safe water initiative.

In our WOW Tanzania community garden, we grow a variety of crops including bananas, maize, coco yam, beans, greens, okra, lemongrass, avocado, oranges, guava, and more. This garden is not just about providing food; it's about providing hope and sustenance to families who are otherwise struggling to make ends meet.

We have also conducted a community needs analysis. We have identified the families and schools in our community with the most severe water scarcity problems and determined what is needed to address those issues. In our analysis, we have realized that rainwater harvesting is challenging due to the lack of tanks, and gardening is impossible because the groundwater is salty in many areas. Currently, only 30% to 50% of the children in each of the four schools we partner with can afford to eat lunch. When rainwater is accessible during the rainy season, many illnesses occur due to drinking unfiltered rainwater.

Our aim is to expand the impact of our community garden to other neighborhoods and schools. The safe water project was born out of the critical need for water and food security. With this in mind, we are working tirelessly to secure funding.

This expansion is critical for addressing the urgent need for clean and accessible water sources, as well as for growing vegetables and planting fruit trees in these underserved areas and school.

1. To build four wells, we need:

- 12- 5000L Water Tanks
- 5- 2000L Water Tanks
- 24 bags of cement
- 16 12mm steel bars
- 4 Kg Binding Wire
- 800 burnt red bricks
- 1 100 meter roll of 12mm well rope
- 1.5 loads of building sand (7 tons)
- 8 4x1 timber wood
- 24 building stilts
- 160 buckets of gravel
- 8 8x4 wire mess
- 5 trips to deliver materials
- A fundi/artisan
- And a digger

We will also need to purchase:

- 6- 5,000-liter water tanks for each of the schools: Nasholi Secondary, Nasholi Primary, Kimandafu Primary, and Kikatiti Primary schools
- 10- 2,000-liter water tanks for families in our NGO's SafeWater program
- Water filters (white buckets with clay inside from Wine to Water)

Each of the four schools will receive 6- 5,000-liter tanks. The 10- 2,000-liter tanks will go to families in Mororoni, in our SafeWater program who make less than 50,000 TSH per month, are widows with children, orphans or children with single parents, the elderly, or sick with children.

We have a strong relationship with the schools and the community, and we will continue to meet with them to help maintain the gardens, distribute food and water, and collect donations and volunteers to support the gardens.

Sustainability Measures:

- Implementation of strategies to ensure the long-term sustainability of the project, including community capacity building, local ownership, and resource mobilization.
- Exploration of innovative technologies and approaches to enhance water purification and distribution, maximizing efficiency and sustainability.

Monitoring and Evaluation:

- Continued monitoring and evaluation activities to assess the project's impact on water quality, health outcomes, and community resilience.
- Establishment of feedback mechanisms to solicit input from community members and stakeholders, enabling continuous improvement and adaptation.

To further elaborate, after several months, we will compare the number of ill children and school days missed due to illnesses before and after the implementation of our program. These data will be collected from schools, local healthcare clinics, and families. We will also survey families to compare the number of meals they receive per day before and after the program. Furthermore, we will assess how many children now have access to nutritious meals during school hours. At the end, we will continue to evaluate the success of the program through questionnaires. When successful, we will expand the program to other schools and families in need.

## Work Already Done:

### Phase 1 - Completed Activities:

1. Land Acquisition: The project successfully acquired land in Usariver, Tanzania, serving as the foundation for our community garden, well, and development initiatives.
2. Community Gardens Establishment:
  - Utilizing the acquired land, the project initiated the establishment of community gardens aimed at addressing food insecurity among vulnerable groups, including impoverished orphans and widows with children.
  - Two community gardeners manage the gardens, ensuring regular cultivation and maintenance.
  - Various crops such as maize, beans, leeks, onions, tomatoes, cocoyam, sweet potatoes, chinese, spinach, and okra were cultivated, catering to local dietary needs and promoting nutritional diversity.
  - Children from the program actively participated in garden tending activities, fostering community engagement and education about sustainable agriculture.
  - Every week, families in our program receive a bag of vegetables from the garden to supplement their food requirements.
3. Well Construction for Irrigation:
  - A well was constructed on the land to facilitate irrigation for the community gardens, ensuring access to water for agricultural purposes.
  - The well, with a depth of 23 meters, was built using high-quality materials including cement, reinforced wire, stones, shovels, sand, buckets, rope, and pipes.
4. Partnerships with Schools:
  - Collaborations were established with two local schools: USA Primary School and Kilimandafu Primary School. These partnerships aim to support their gardening initiatives aimed at providing clean water and nutritious meals for children and their families.
  - The project is to assist the schools in implementing similar well construction projects to ensure access to water for irrigation and domestic use.
  - Recent partnerships were established with 3 new schools, Nasholi Secondary, Nasholi Primary, Kimandafu Primary, and Kikatiti Primary schools
5. Sponsor-A-Child Program:
  - Through our problem assessment work, the Sponsor-A-Child (SAC) program has identified numerous families and communities, such as Mororoni and Mogadishu, suffering from water and food insecurity.
  - Fundraising efforts were initiated to support the construction of wells in these communities, addressing their immediate needs for clean water and food.

Steps needed to complete the project time needed to reach each step:

1. **Step 1: Community Assessment and Planning (1 month)**
  - Conduct a thorough assessment of water and food insecurity in target communities.
  - Engage with local stakeholders and community leaders and members to gather essential information and gain buy-in for the project.
  - Organize community meetings with schools and families to plan their participation in the safe water project and the establishment of gardens.
2. **Step 2: Procurement and Resource Mobilization (1 month)**
  - Allocate sufficient time for the procurement of materials and equipment needed for multiple well constructions.
  - Ensure thorough coordination with suppliers, contractors, and specialists to expedite the procurement process.
3. **Step 3: Well Construction (5 months)**
  - Begin construction on the first well immediately following the completion of steps one and two.
  - Continue with the construction of subsequent wells in a sequential manner, ensuring that each well is completed within approximately one month.
4. **Step 4: Filter Distribution and Capacity Building (ongoing)**
  - Commence the distribution of water filters and conduct training sessions concurrently with well construction activities.
  - Empower community members through capacity-building initiatives to promote sustainable water management practices.
5. **Step 5: Monitoring and Evaluation (ongoing)**
  - Implement a robust monitoring and evaluation framework to assess project progress and impact throughout the construction phase.
  - Continuously review project outcomes and adjust strategies as needed to ensure project effectiveness.
6. **Step 6: Expansion and Sustainability (beyond construction phase)**
  - Evaluate project outcomes and identify opportunities for scaling up interventions to additional communities facing water and food insecurity.
  - Strengthen partnerships and explore innovative approaches to enhance project sustainability and long-term impact.
  - Establish social media communication to encourage other communities and NGOs to implement similar initiatives, and to garner more support for our projects.

Estimated number of direct beneficiaries, people who will benefit directly from the project:  
Men 1000 Women 1000 Boys 1282 Girls 1210

The primary goal of the project is to improve access to clean water and alleviate water and food insecurity in target communities. However, it is expected that the project will also have indirect economic benefits for beneficiaries.

In terms of income generation, it is anticipated that families who grow gardens could earn between 25,000 to 100,000 Tanzanian shillings per month. This income will vary depending on factors such as the size of their properties and gardens, which will benefit from access to water from the newly constructed wells in some areas, and harvested rain water in others. With more reliable access to water for irrigation, families will be able to cultivate larger and more diverse crops, leading to increased productivity and potential income generation from the sale of surplus produce.

Additionally, the project will enable schools to provide meals for children who cannot afford school lunch. This will not only contribute to improved nutrition and health outcomes for students but also help alleviate financial burdens on families struggling to meet basic needs.

Overall, while the primary focus of the project is on addressing water and food insecurity, the potential for income generation and economic empowerment among beneficiaries underscores the project's holistic approach to community development.

The government of Tanzania is not directly involved in this project. However, community leaders, such as ten cell house leaders and chief leaders, may play a supportive role in the placement of the wells. Their local knowledge and influence within the community can help identify suitable locations for well construction and ensure that the project aligns with the needs and priorities of the community. While the project operates independently of government involvement, collaboration with community leaders is crucial for its successful implementation and long-term sustainability.

#### WOW Tanzania's Background:

Our organization is dedicated to lifting impoverished single-parent families, especially working-aged widows and their children, out of the cycle of poverty. Our mission is clear: to empower these families to attain economic self-sufficiency while ensuring access to quality education for their children, thus breaking the chains of intergenerational poverty.

We provide comprehensive assistance through a multifaceted approach, offering entrepreneurship training and job opportunities for parents, as well as providing school sponsorships for their children. Our aim is to equip families with the tools they need for financial independence and academic success. Our entrepreneurship training programs are tailored to single parents, particularly young widows, providing intensive instruction in business principles, financial management, and marketing strategies. By empowering parents with the ability to generate sustainable income, we pave the way for long-term economic stability. Recognizing education as vital for social mobility, we extend school sponsorships to cover various educational expenses, ensuring unfettered access to quality education for children. Investing in their academic development empowers these children to break free from poverty's shackles. Our

Sponsor-a-Child program offers holistic assistance, including healthcare, housing, nutritious food, clothing, clean water access, and academic tutoring. Addressing multifaceted needs creates a nurturing environment for overall well-being and academic success. Healthcare remains a top priority, ensuring access to essential services such as medical check-ups, vaccinations, and treatment for illnesses and injuries. Stable housing is fundamental, so we provide assistance including rental subsidies and home repairs. Addressing food insecurity, we implement initiatives like our Chicken Farm, Vegetable Gardens, and Cafe to ensure access to nutritious meals. Access to clean water is crucial, so we undertake well-building projects to provide safe drinking water sources, particularly benefiting vulnerable women and children. In summary, we are committed to empowering impoverished single-parent families to achieve economic self-sufficiency and educational success. Through tailored support programs, we aim to break the cycle of poverty and foster a brighter future for generations to come.

While we have not received any grants for this project thus far, we are proud to highlight that all funding for our initiatives has been generously provided through the contributions of our dedicated founders and donations from compassionate individuals. This demonstrates the grassroots support and commitment to making a positive impact in our community. We are continuously seeking opportunities for collaboration and funding to further expand our efforts and reach more beneficiaries.

Here is a detailed list of community contributions and estimate their value in Tanzanian Shillings.

**Community Contribution** (Estimate value in Tanzanian Shillings)

Type of contribution	Unit	Shilling Price Per Unit	Quantity	Total Price
<i>EXAMPLE: Unskilled labor for 10 people</i>	<i>per day of labor</i>	<i>TZS 20,000 per person per day</i>	<i>10 people working 6 days</i>	<i>20,000 x 10 x 6 = TZS 1,200,000</i>
<i>Unskilled labor for 50 people</i>	<i>Per day of labor</i>	<i>9,000 TSH per person per day</i>	<i>50 people working 5 days</i>	<i>9,000 x 50 x 5 = TZS 2,250,000</i>
<i>Plants, trees</i>	<i>Per plant</i>	<i>5,000 TSH</i>	<i>500</i>	<i>5,000 x 500 = 2,500,000</i>
<i>seeds for beans, bananas sakas, coco yam, sugar cane, and maize</i>	<i>Per garden</i>	<i>100,000 TSH</i>	<i>7</i>	<i>100,000x7= 700,000</i>

<i>Water Bucket Filters</i>	<i>Per bucket</i>	<i>90,000</i>	<i>10</i>	<i>90,000 x 10 = 900,000</i>

Total estimated amount of Community Contribution in Tanzanian Shillings: 6,350,000 tsh

**Requested Contribution** (See pro-forma invoices attached)

Type of contribution	Unit	Shilling Price Per Unit	Quantity	Total Price
<i>EXAMPLE: Metal roofing sheets</i>	<i>per sheet</i>	<i>TZS 10,000 per sheet</i>	<i>15 sheets</i>	<i>10,000 x 15 = TZS 150,000</i>
<i>Water Tank 5000 Litres</i>	<i>Per tank</i>	<i>TZS 845,000 per Tank</i>	<i>12 tanks</i>	<i>845,000 x 12 = TZS 10,140,000</i>
<i>Water Tank 2000 Litres</i>	<i>Per tank</i>	<i>TZS 260,000 per Tank</i>	<i>5 tanks</i>	<i>260,000 x 5 = TZS 1,300,000</i>
<i>Bags of Cement</i>	<i>Per bag</i>	<i>TZS 17,500 per bag</i>	<i>24 bags</i>	<i>17,500 x 24 = TZS 420,000</i>
<i>Steel Bars</i>	<i>Per bar</i>	<i>TZS 24,500 per bar</i>	<i>16 bars</i>	<i>24,500 x 16 = TZS 392,000</i>
Binding Wire	Per Kilogram	TZS 3,500 per Kilogram	4 kilograms	3,500 x 4 = TZS 14,000
Red Bricks	Per brick	TZS 250 per brick	800 bricks	250 x 800 = TZS 200,000
Well Rope	per roll	TZS 32,000 per roll	1 roll	32,000 x 1 = TZS 32,000
Sand	Per load (7 tons)	TZS 180,000 per load	1.5 loads	180,000 x 1.5 = TZS 270,000
Timber Wood	Per piece	TZS 5,000 per piece	8 pieces	5,000 x 8 = TZS 40,000
Building Stilts	Per piece	TZS 3,000 per piece	24 pieces	3,000 x 24 = TZS 72,000
Buckets of Gravel	Per bucket	TZS 1,250 per bucket	160 buckets	1,250 x 160 = TZS 200,000



Wire Mesh	Per piece	TZS 15,000 per piece	8 pieces	$15,000 \times 8 = \text{TZS } 120,000$
Digger	Per Meter	TZS 5,000 per meter	100 meters	$5,000 \times 100 = \text{TZS } 5,000,000$
Delivery of Tanks and materials	per trip	TZS 80,000 per trip	5 trips	$80,000 \times 5 = \text{TZS } 400,000$
Water Filters	Per filter	TZS 90,000 per filter	30 buckets	$90,000 \times 30 = \text{TZS } 2,700,000$
Fundi	Per 4 wells	TZS 100,000 per well	4 wells	$100,000 \times 4 = \text{TZS } 400,000$

#### The Project Coordinator Qualifications to Undertake This Project:

Mrs. Chomba, the project coordinator, is highly qualified to undertake this project due to her extensive experience and successful track record in community development initiatives. Over the past three years, Mrs. Chomba has been actively involved in building community ties and establishing partnerships with local schools.

Under her leadership, the NGO has achieved significant milestones, including the refurbishment of a classroom into a computer lab, the creation of a community garden, and the construction of a well in USA River. Mrs. Chomba has successfully managed the NGO, providing hundreds of children and their families with school sponsorships, daily meals, entrepreneurship training, micro-loans, as well as overseeing the establishment of a chicken farm, and café to help food sustainability.

Additionally, Mrs. Chomba has spearheaded innovative programs such as the 'sponsor-a-child' initiative, providing comprehensive support including housing, food, education, and healthcare. She has also been involved in establishing a successful Entrepreneurship program, aiding numerous individuals in the community to start businesses and get jobs.

Despite her extensive efforts, Mrs. Chomba and her team have not yet received a salary for their work, highlighting their dedication to the well-being of the community. Mrs. Chomba holds a Bachelor of Arts degree and completed two years of graduate studies at Temple University in Pennsylvania and the New School of Social Research in New York City, bringing both academic knowledge and practical experience to the project. With two years of experience working for the I Have A Dream Program in Chelsea, New York, and having managed a music publishing

company in Paris, France, Mrs. Chomba possesses the skills necessary to successfully oversee the project. Furthermore, Mrs. Chomba benefits from the invaluable support of her husband, who works in construction, a dedicated team at WOW Tanzania, and the strong backing of the local community.

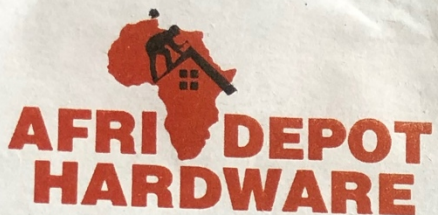
Given Mrs. Chomba's proven track record of successfully managing similar projects, along with her community ties, leadership skills, and academic background, she is well-equipped to oversee the implementation of this project, ensuring its success and positive impact on the community.

GPS coordinates for the project sites to be used:

*Kimandafu Primary and Neighborhood -3.386220243085477, 36.92692207507905  
Nasholi Secondary, Nasholi Primary, and Kikatiti Primary -3.4002289578385234,  
36.94704937119382*

*3°23'25.5"S 36°55'22.7"E Neighborhood*

670



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**TIN: 107-612-858**

VRN: 40-023392-O

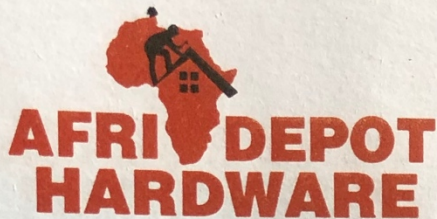
M/s WOW TANZANIA

Date: 2 / 5 / 2024

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# PROFORMA INVOICE No. 664



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TIN: 107-612-858

VRN: 40-023392-O

M/s WON - TANZANIA

Date: 26 / 4 / 2020

Qty.	Description	@	Shs	Cts
12	5000 LTRS Water Tank	845,000	10,140,000	ω
5	2000 LTRS Water Tank	260,000	1,300,000	ω
24	Bags of OPC 42.5 cement	17500	420,000	ω
16	R Bar 12 mm (Steel Bar)	24500	392,000	ω
4	kg Binding wire	3500	14,000	ω
800	Clay/Red Bricks	250	200,000	ω
1	Roll 12mm Well Rope	32000	32,000	ω
1½	load (7tons) Sand	180,000	270,000	ω
8	4x1 Timber /wood	5000	40,000	ω
24	Building Shits	3000	72,000	ω
160	Buckets of gravel	1250	200,000	ω
CUSTOMERS <u>18m</u>		SUB TOTAL		
VRN:				
TIN:		TOTAL	13,080,000	ω



**GODWIN ELISA ISANGYA**

P.O BOX 276, ARUSHA - TANZANIA

**TEL: 0769 160 219**

**TIN: 135 - 692 - 501**

**No. 0255 PROFORMA INVOICE**

DATE 20-4 /2024

M/S.

QTY	PARTICULARS	@	AMOUNT
100	Gwa Mita	50000	5,000,000
4	Bricklayer(Fundi)	100 000	400 000
E&O.E	TOTAL		\$, 400, 000

## INVOICE

No.

Date:

03/05 2024

M/s:

FROM: WINE TO WATER  
EAST AFRICA

Dr. To

WOW TANZANIA

Qty	Particulars	@	Shs
30	CERAMIC WATER FILTER	90,000/-	2,700,000/-
TAN 2,700,000/-			
E&OE	TOTAL		2,700,000/-