



**HELPING HAND**  
FOR RELIEF AND DEVELOPMENT



# Water And Sanitation Hygiene

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2025 CATALOG

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# ASEAN Countries

## Cambodia Water Tank

In many rural areas of Cambodia, schools, masjids, and health centers provide water for the entire community. These water tanks upgrade the existing systems to include a hand wash basin and a motor for pumping water to make it more accessible for everyone.



**\$1,600**

- **300 Beneficiaries**
- **Average time to completion: 3 months**
- **Warranty of materials: 5 years**



## Cambodia Washroom

Cambodia is a developing country; in some areas there are still not enough bathrooms and public toilets. In some cases, people practice open defecation which invites illness and goes against the Islamic faith. HHRD is partnering with a local organization to build toilets in rural villages. These toilets will protect the environment, restore dignity and protect the health of the surrounding population.



# \$700

- 10 Beneficiaries
- Average time to completion: 6 months
- Warranty of materials: 5 years

## Indonesia Water Tank with Borehole

A borehole is a thin shaft that extends deep into the earth to collect groundwater. It is then pumped into a tank which stores clean water for later use. Water tanks with boreholes are built in residential areas that urgently need water. Most people in these areas work as farmers and laborers with middle to lower economic levels.



**\$2,500**

- **100 Beneficiaries**
- **Average time to completion: 3 months**
- **Warranty of materials: 5 years**



## Indonesia Washroom

Some communities in Indonesia still lack access to proper bathrooms and public toilets. Open defecation remains a concern, leading to health risks and conflicting with Islamic values. To address this issue, HHRD is collaborating with a local organization to provide toilets in underserved rural villages. These facilities will promote environmental protection, enhance community dignity, and improve public health.



**\$1,750**

- **10 Beneficiaries**
- **Average time to completion: 6 months**
- **Warranty of materials: 5 years**

## Laos Washroom

In Laos, many rural areas still struggle with inadequate access to proper bathrooms and public toilets. The practice of open defecation persists in some communities, posing serious health risks. In partnership with a local organization, HHRD is working to construct toilets in these underserved villages. This initiative aims to safeguard public health, preserve the environment, and restore dignity to the affected populations.



**\$700**

- **120 Beneficiaries**



## Hygiene Kits

Hygiene kits are distributed as widely as possible to ensure maximum reach. Through distribution events and partnering with schools, mosques and local governments, HHRD seeks to equip every family with the means of fighting water borne disease. Kits include items like soap, tooth paste, tooth brush, comb, nail clippers, detergent, feminine hygiene products and hand sanitizer. All items are sourced at the local level to support regional economies and save costs for donors.



**\$200**

- 150 Beneficiaries

## Maintenance

Help ensure the durability and functionality of HHRD's many water and sanitation projects across ASEAN countries.

**\$100**

# Palestine/Gaza

## 4 Unit Washroom

Due to the devastation, the water infrastructure in Gaza has been completely wiped out. Hundreds of people are forced to share a single toilet. The threat of disease in these unsanitary conditions only compounds the horrors witnessed by our brothers and sisters. These 4 Unit Washrooms are constructed side by side and designed to go up quickly. They can provide facilities for high traffic areas and ensure everyone has the dignity and sanitary conditions they need.



**\$11,600**

- **500 Beneficiaries**

## 1 Unit Washroom

These 1 Unit Washrooms are known as “portable toilets.” They are assembled off site and delivered to the location, making them a quick sanitary solution in times of hardship.



**\$2,900**

- **125 Beneficiaries**



## Water Trucking

The people of Gaza desperately need water. HHRD delivers trucks as regularly as possible due to the constantly shifting nature of the situation.



**\$3,800**

- **2,000+ Beneficiaries**



# Afghanistan

## Afrediv Pump

Afrediv hand pumps are ideal for villages and households in which surface ground water sources are common. Only a basic pump is needed for families to meet their water requirements. This type of suction hand pump is economical and easy to install and maintain. Maintenance is done at the village level without the need for specialist parts. The pumps are made with galvanized iron.



# \$3,335

- 100-1,770 Beneficiaries
- Average time to completion: 6 months
- Warranty of materials: 5 years

## RO Plant

The Reverse Osmosis process used by HHRD is special. Traditional RO plants kill the minerals necessary for the body as they remove contaminants, rendering the water unsuitable for drinking. The reverse osmosis plants deployed by HHRD have a special attachment that saves and reintroduces valuable minerals after the cleaning process. This keeps the PH level of the water accurate.



**\$6,250**

- **1,500 Beneficiaries**
- **Average time to completion: 6 months**
- **Warranty of materials: 10 years**



## Washroom in School

Washrooms are necessary in schools to teach children clean habits and to ensure that they can remain in the classroom for the duration of the school day. Without your assistance, some students might have to miss classes due to sanitation issues, interrupting their schooling and diminishing their future prospects.



**\$2,300**

- **50 Beneficiaries**
- **Average time to completion: 6 months**
- **Warranty of materials: 5 years**

## Hygiene kits

Hygiene kits are distributed as widely as possible to ensure maximum reach. Through distribution events and partnering with schools, mosques and local governments, HHRD seeks to equip every family with the means of fighting water borne disease. Kits include items like soap, tooth paste, tooth brush, comb, nail clippers, detergent, feminine hygiene products and hand sanitizer. All items are sourced at the local level to support regional economies and save costs for donors.



**\$200**

- 150 Beneficiaries

## Maintenance

Help ensure the durability and functionality of HHRD's many water and sanitation projects across Afghanistan.

**\$100**



# Africa

## Water Trucking

In crisis situations like drought and flooding, emergency water trucking can save lives. A single truck can provide enough water for families to ration for up to a week. This stop-gap measure is vital while more sustainable water projects are being developed.



**\$400**

- **1,500 Beneficiaries**

## 10,000ltr Water Storage Tank

10,000ltr capacity easily stores water for an entire community. The problem with storing water is that you must find a way to ensure that no toxins are introduced, otherwise people will get sick. HHRD's cutting edge storage tank leverages advanced materials to lock out bacteria and other contaminants, keeping water safe to drink.

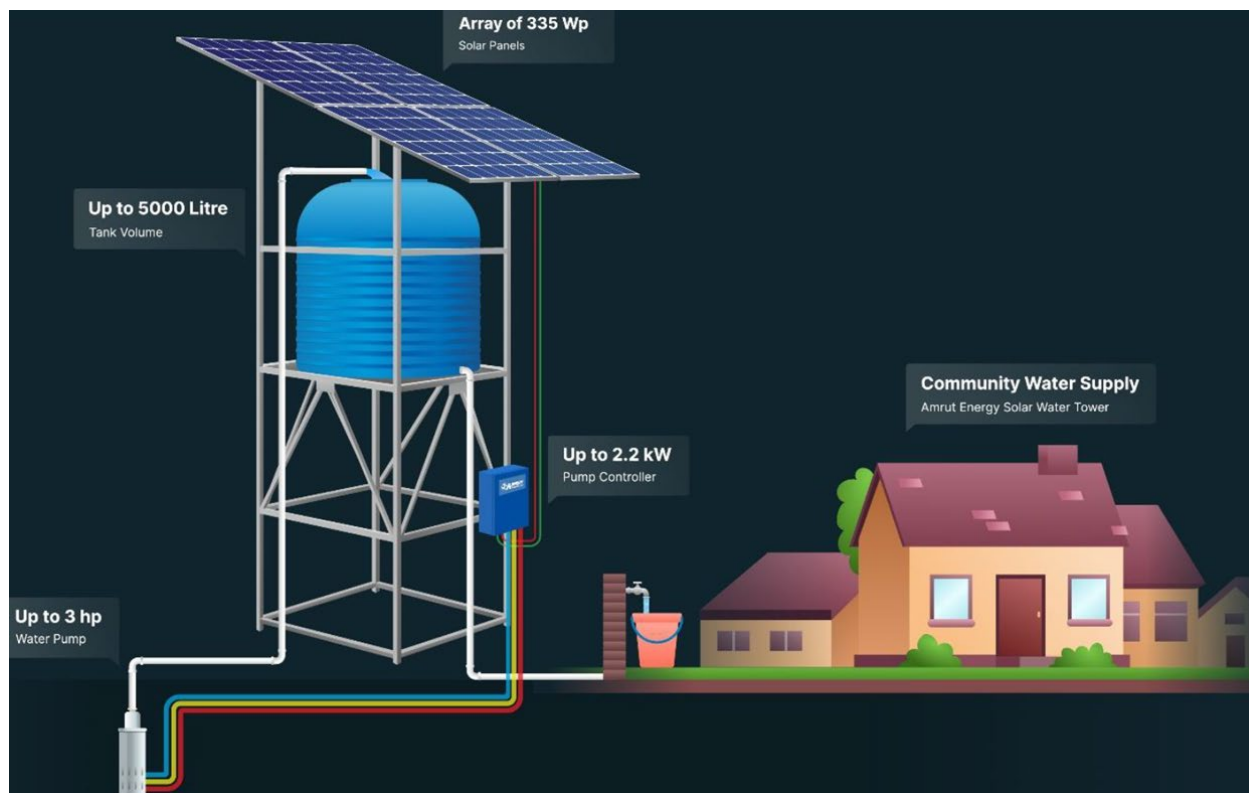


**\$1,150**

- **15,000 Beneficiaries**

## Solar Based Water Project

Solar power is both sustainable and relatively inexpensive for projects in remote locations where electrical infrastructure is unavailable. This water pump, powered by renewable energy, will allow women, children and people with disabilities to access fresh drinking water without assistance. Unlike a hand pump which requires strength, this solar powered pump can do all the work.



**\$5,550**

- **7,500 Beneficiaries**
- **Average time to completion: 6 months**
- **Warranty of materials: 10 years**



## 20ltr Water Jugs

Fresh drinking water is delivered via truck, but is often portioned out into dirty containers for people to take home with them. Recognizing the need for sanitary water solutions, HHRD implemented this last mile solution for beneficiary communities. By providing clean water jugs, we can cut down on illnesses due to contaminated water.



**\$500**

- **500 Beneficiaries**



## Rainwater Harvesting

Rainwater harvesting is the collection and storage of rain which would otherwise run off and become dirty and polluted. Rainwater is collected from a roof-like surface and redirected to a tank for future needs. This is one of the best methods developed to support the conservation of water. Pure rainwater can be used for irrigation, washing, cleaning, bathing, cooking, and also for livestock requirements.



# \$3,450

- **2,000 Beneficiaries**
- **Average time to completion: 2 months**
- **Warranty of materials: 6 years**

## Shallow Well with Afrediv

A shallow well is a hole which has been dug, bored, driven or drilled into the ground for the purpose of extracting water. The source of a shallow well is an aquifer--a body of porous rock or sediment saturated with groundwater resulting from precipitation which seeps through the soil. Shallow wells tap the shallowest aquifer in the vicinity. A well is considered to be shallow if it is less than 50 feet deep.



**\$4,500**

- **2,000 Beneficiaries**
- **Average time to completion: 2 months**
- **Warranty of materials: 5 years**

## Mega Borehole

A borehole is a narrow shaft bored in the ground, either vertically or horizontally. Boreholes have been an alternative source of water in areas where there is no ready supply of fresh water. This Mega Borehole project has the capacity to sustain an entire village, creating stability and protecting both lives and livelihoods.



**\$115,000**

- **30,000 Beneficiaries**
- **Average time to completion: 6 months**
- **Warranty of materials: 10 years**



## Mega Water Filtration Plant

A water filtration plant is a facility that works to purify water by removing chemicals, hazardous and toxic materials from a water source. Filtration is a process which removes particles suspended in water. Removal takes place through a number of mechanisms which include straining, flocculation, sedimentation and surface capture.



**\$160,000**

- **15,000 Beneficiaries**
- **Average time to completion: 6 months**
- **Warranty of materials: 15 years**

## 5 Unit Washroom for Schools

These washrooms consist of 5-unit pit latrines and one hand-washing area. They are used in public schools so that children can comfortably attend all day long without having to relieve themselves outdoors or go home. The toilets are supplied with water for cleaning and flushing purposes. A septic tank is located at least 3 to 6 meters away from the building.



**\$6,670**

- **15,000 Beneficiaries**
- **Average time to completion: 6 months**
- **Warranty of materials: 10 years**

## Hygiene Kits

Hygiene kits are distributed as widely as possible to ensure maximum reach. Through distribution events and partnering with schools, mosques and local governments, HHRD seeks to equip every family with the means of fighting water borne disease. Kits include items like soap, tooth paste, tooth brush, comb, nail clippers, detergent, feminine hygiene products and hand sanitizer. All items are sourced at the local level to support regional economies and save costs for donors.



**\$200**

- **150 Beneficiaries**



## Water Purification Plant

A water filtration plant is a facility that works to purify water by removing chemicals, hazardous and toxic materials from a water source. Filtration is a process which removes particles suspended in water. Removal takes place through a number of mechanisms which include straining, flocculation, sedimentation and surface capture.



**\$46,000**

- **15,000 Beneficiaries**
- **Average time to completion: 6 months**
- **Warranty of materials: 15 years**

## Maintenance

Help ensure the durability and functionality of HHRD's many water and sanitation projects across African countries.

**\$100**

# MENA

## Water Trucks (Syrian Refugees in Jordan)

It is difficult and expensive for Syrian refugees who live in camps to find a clean drinking water source in the desert. Wells and pumps are not allowed due to government restrictions. Therefore, HHRD delivers water directly to beneficiaries via truck at 4,000ltrs per month.



**\$1,000**

- **600 Beneficiaries**

## Water Trucks (Syrian Refugees in Lebanon)

It is difficult and expensive for Syrian refugees who live in camps to find a clean drinking water source in the desert. Wells and pumps are not allowed due to government restrictions. Therefore, HHRD delivers water directly to beneficiaries via truck at 4,000ltrs per month.



**\$1,000**

- **600 Beneficiaries**



## Home Water Filtration for Palestinian Refugees

There is a lack of clean drinking water in the MENA (Middle East North Africa) region, especially in Jordan and Lebanon, so HHRD provides water filters to Palestinian refugees in these two locations. This project has the capacity to ease lives and increase the health of the population.



**\$1,000**

- **200 Beneficiaries**
- **Average time to completion: 21 days**
- **Warranty of materials: 3 years**

## Water Tanks in Jordan

HHRD water storage tanks are not simply barrels, but specially designed units that take contamination, sunlight and accessibility into account. These tanks provide a readily available source of drinking water that eases the lives of children and families.



**\$1,500**

- **600 Beneficiaries**

## Family Washroom with Water Tank

Bathroom conditions in the desert can be horrendous. People are forced to relieve themselves with no privacy or sanitation. HHRD delivers washrooms that come fully equipped with a sink, shower and toilet. In addition, each washroom has a water tank attached, and the water delivered can be used for drinking and cooking as well.



**\$2,000**

- **50 Beneficiaries**
- **Average time to completion: 11 months**
- **Warranty of materials: 5 years**



## Washroom for Earthquake Victims in Morocco

In the wake of the 2023 earthquake near Marrakesh, HHRD provided emergency sanitary facilities to rural communities. Sanitation is extremely important, especially in the case of natural disasters. Without proper restroom facilities, disease could run rampant.



**\$1,600**

- **20 Beneficiaries**

## Hygiene Kits

Hygiene kits are distributed as widely as possible to ensure maximum reach. Through distribution events and partnering with schools, mosques and local governments, HHRD seeks to equip every family with the means of fighting water borne disease. Kits include items like soap, tooth paste, tooth brush, comb, nail clippers, detergent, feminine hygiene products and hand sanitizer. All items are sourced at the local level to support regional economies and save costs for donors.



**\$100**

- **150 Beneficiaries**

## Maintenance

Help ensure the durability and functionality of HHRD's many water and sanitation projects across Middle East and North African countries.

**\$100**

# Bangladesh

## Deep Tube Well

A tube well is a type of water well in which a long (6 to 10 inch) pipe is bored into an underground aquifer. The lower end is fitted with a strainer, and a pump lifts water for irrigation. The required depth of the well depends on the depth of the water table. A small reservoir of water is made at the outlet of the tube well to be used by the local population for things other than drinking.



**\$1,600**

- **700 Beneficiaries**
- **Average time to completion: 6 months**
- **Warranty of materials: 10 years**



## Mega Water Project for Rohingya Refugees

The Rohingya refugees are among the most persecuted group on the planet. Widely dispersed throughout South Asia, many of them reside in Cox's Bazar, a crowded refugee camp. This Mega Water Project will provide a convenient source of drinking water for thousands of closely knit families.



**\$11,000**

- **10,000 Beneficiaries**
- **Average time to completion: 6 months**
- **Warranty of materials: 15 years**

## 1 Unit Washroom for Rohingya Refugees

Sanitary solutions are vital especially in situations where people live close together. Each one unit washroom can support hundreds of refugees, ensuring privacy and dignity in their new home.



**\$2,400**

- **700 Beneficiaries**
- **Average time to completion: 11 months**
- **Warranty of materials: 8 years**

## Maintenance

Help ensure the durability and functionality of HHRD's many water and sanitation projects across Bangladesh.

**\$100**



# Pakistan

## Afrediv Pump

Afrediv hand pumps are ideal for villages and households in which surface ground water sources are common. Only a basic pump is needed for families to meet their water requirements. This type of suction hand pump is economical and easy to install and maintain. Maintenance is done at the village level without the need for specialist parts. The pumps are made with galvanized iron.



# \$1,000

- **150 Beneficiaries**
- **Average time to completion: 6 months**
- **Warranty of materials: 5 years**



## Abayar Hand Pump (2)

Community hand pumps are ideal for villages and households in which surface ground water sources are common. Only a basic pump is needed for families to meet their water requirements. This type of suction hand pump is economical and easy to install and maintain. Maintenance is done at the village level without the need for specialist parts. The pumps are made with cast iron.



**\$1,000**

- **75 Beneficiaries**
- **Average time to completion: 6 months**
- **Warranty of materials: 5 years**

## Solar Based Drinking Water Solution

After brainstorming with the team, relevant stakeholders, local NGOs, and other locally available resources, WFL decided to install solar-powered water uplifting solutions in a 500ltr water storage tank. The project was designed to replace the Afrediv hand pump in educational institutes where it is difficult to use and not easily accessible for disabled children.



**\$1,300**

- 200 Beneficiaries
- Average time to completion: 6 months
- Warranty of materials: 5 years



## Dug Well

Wells are a traditional source of water in rural areas of Pakistan. The ground is excavated deep to hit water. Digging is done through various techniques, including drilling, blasting, etc. Cemented rings are put in open wells for long life and sustainability. Water motors and hand pulleys are used to pull the water up from the well.



**\$2,650**

- **200 Beneficiaries**
- **Average time to completion: 6 months**
- **Warranty of materials: 10 years**



## Submersible Pump

A submersible pump is especially suited for deep wells. The pump utilizes a motor coupled directly to the bowl assembly and is designed to operate completely submerged in the fluid being pumped. Power is supplied to the motor by waterproof electrical cable. Submersible pumps are efficient, high in capacity, require very little maintenance, and are generally economical for wells that are more than 80 feet in depth.



**\$3,450**

- **250 Beneficiaries**
- **Average time to completion: 6 months**
- **Warranty of materials: 5 years**

## Tube Well

A tube well is a type of water well in which a long (6 to 10 inch) pipe is bored into an underground aquifer. The lower end is fitted with a strainer, and a pump lifts water for irrigation. The required depth of the well depends on the depth of the water table. A small reservoir of water is made at the outlet of the tube well to be used by the local population for things other than drinking.



**\$11,300**

- **1,500 Beneficiaries**
- **Average time to completion: 6 months**
- **Warranty of materials: 10 years**



## Ultra Filtration Plant

Water purification is the process of removing undesirable chemicals, biological contaminants, suspended solids, and gases from water. The goal is to produce water fit for drinking. This Ultra Filtration plant can clean enough water to support an entire community.



**\$13,300**

- **2,000 Beneficiaries**
- **Average time to completion: 6 months**
- **Warranty of materials: 10 years**



## RO Plant

The Reverse Osmosis process used by HHRD is special. As they remove salt from the water, traditional plants also kill the minerals necessary for the body, rendering the water unsuitable for drinking. The reverse osmosis plants deployed in Pakistan have a special attachment to separate valuable minerals from the water and reintroduce them after the contaminants have been cleared. This keeps the PH level of the water accurate.



**\$17,000**

- **2,000 Beneficiaries**
- **Average time to completion: 6 months**
- **Warranty of materials: 10 years**

## Gravity Flow Scheme

The distribution of water is always troublesome in hilly and remote areas. To remedy the situation, a reservoir of water is created mechanically and stored where it can be easily accessed by the people. The topography of the land becomes an asset rather than a deterrent and the placement of these water projects is particularly vital to their functionality.



**\$3,450**

- **250 Beneficiaries**
- **Average time to completion: 6 months**
- **Warranty of materials: 25 years**

## Portable RO Plant

Designing and implementing a traditional Reverse Osmosis plant is time consuming. The portable RO goes up much quicker and is a viable alternative especially in cases of disaster where regular water infrastructure has been compromised. The portable RO plant will incorporate solar panels allowing the system to operate solely on renewable energy, reducing carbon emissions and operational costs.



**\$8,600**

- **2,000 Beneficiaries**
- **Average time to completion: 6 months**
- **Warranty of materials: 5 years**



## 2 Unit Washroom for Schools

Washrooms are necessary in schools to teach children clean habits and to ensure that they can remain in the classroom for the duration of the school day. Without your assistance, some students, especially girls, might have to miss classes due to sanitation issues, interrupting their schooling and diminishing their future prospects.



**\$5,400**

- **250 Beneficiaries**
- **Average time to completion: 6 months**
- **Warranty of materials: 5 years**

## Hygiene Kits

Hygiene kits are distributed as widely as possible to ensure maximum reach. Through distribution events and partnering with schools, mosques and local governments, HHRD seeks to equip every family with the means of fighting water borne disease. Kits include items like soap, tooth paste, tooth brush, comb, nail clippers, detergent, feminine hygiene products and hand sanitizer. All items are sourced at the local level to support regional economies and save costs for donors.



**\$200**

- **150 Beneficiaries**

## Maintenance

Help ensure the durability and functionality of HHRD's many water and sanitation projects across Pakistan.

**\$100**



# Nepal

## Bio-Sand Filtration Community Pump

To build upon the simple hand pump, HHRD added a Bio Sand Filtration, an Open Aeration and Electrical Dozen Pump, turning this small project into a workable solution for our beneficiaries. It is an eco-friendly way of filtering the water so that it is safe for human consumption combined with an easy method of water extraction. It provides water for washing as well as for drinking.



**\$1,460**

- 500 Beneficiaries/day
- Average time to completion: 4 months
- Warranty of materials: 5 years



## Water Treatment Plant

The RO/UT (Reverse Osmosis/Ultra Filtration) Plant kills microorganisms in the water using ultraviolet rays. It filters water for taste and smell. Since it does not use chemicals, it is one of the safest water treatment systems.

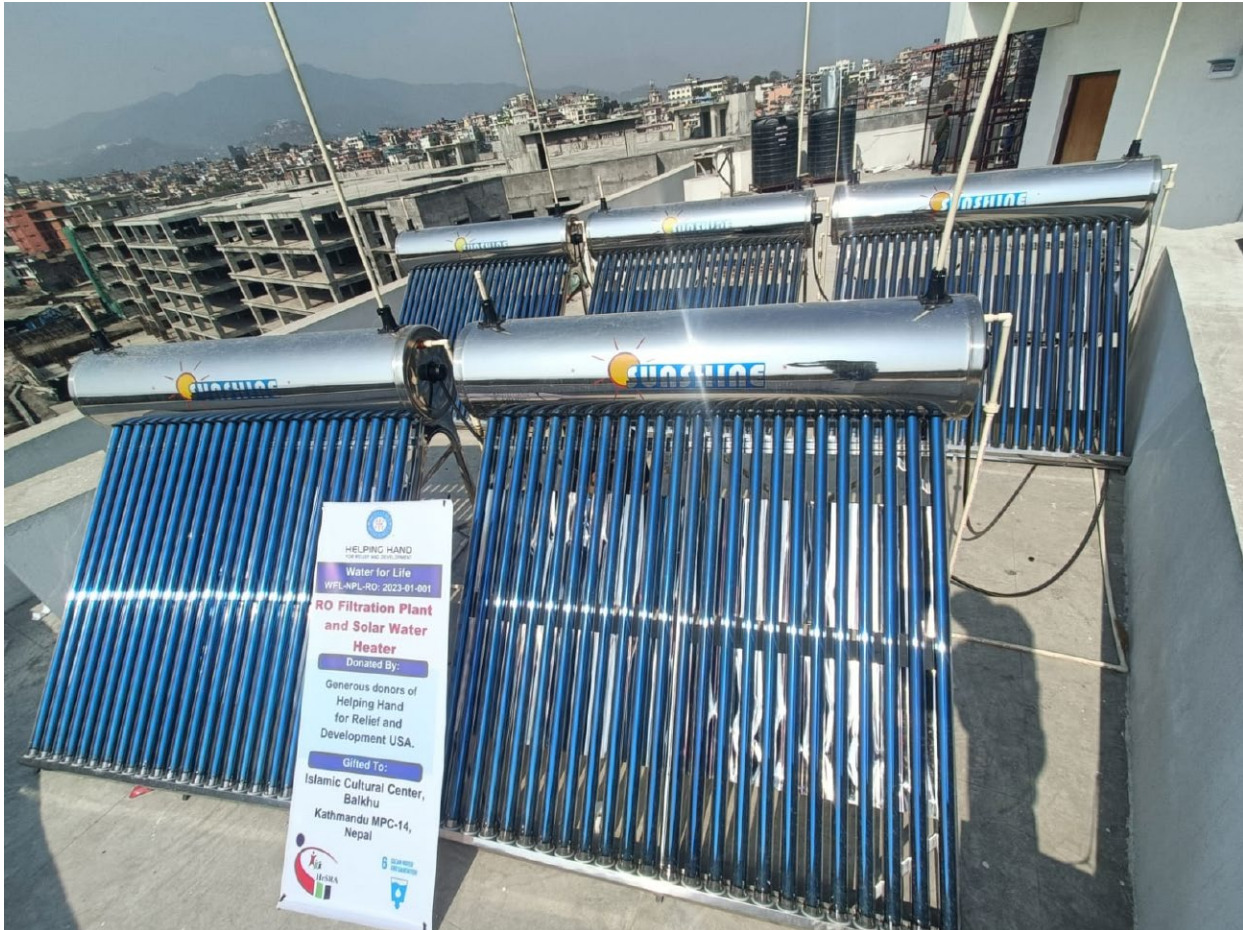


**\$6,000**

- **1,500 Beneficiaries**
- **Average time to completion: 6 months**
- **Warranty of materials: 10 years**

## Solar Powered RO Plant

Solar power is both sustainable and relatively inexpensive for projects in remote locations where electrical infrastructure is unavailable. This Reverse Osmosis plant purifies the ground water for drinking and is simple for the community to maintain.



**\$22,000**

- **1,500 Beneficiaries**
- **Average time to completion: 6 months**
- **Warranty of materials: 10 years**



## Hygiene Kits

Hygiene kits are distributed as widely as possible to ensure maximum reach. Through distribution events and partnering with schools, mosques and local governments, HHRD seeks to equip every family with the means of fighting water borne disease. Kits include items like soap, tooth paste, tooth brush, comb, nail clippers, detergent, feminine hygiene products and hand sanitizer. All items are sourced at the local level to support regional economies and save costs for donors.



**\$200**

- 150 Beneficiaries

## Maintenance

Help ensure the durability and functionality of HHRD's many water and sanitation projects across Nepal.

**\$100**



*Thank you*



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