

# WATER AND SANITATION HYGIENE CATALOG



**HELPING HAND**  
FOR RELIEF AND DEVELOPMENT



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# WASH MISSION

To improve access to clean drinking water and combat water borne diseases through better sanitation and hygiene conditions.

Water is one of the most important resources on Earth. Throughout the Quran, there are countless verses expounding on the miracle of water and its purpose in the creation and maintenance of life. HHRD's WASH program provides access to clean drinking water and dignified sanitation through the construction of wells, pumps, rainwater collection units and bathrooms. Access to water and sanitation are recognized as human rights by the United Nations and the need just keeps growing.



United  
Nations  
Sustainable  
Development  
Goal # 6



# PAKISTAN



150 Beneficiaries

## AFREDIV PUMP

\$1,000

Average time to completion: 6 months

Warranty of Materials: 5 years

Afrediv hand pumps are ideal for villages and households in which surface ground water sources are common.



200 Beneficiaries

## DUG WELL

\$2,650

Average time to completion: 6 months

Warranty of Materials: 10 years

Digging is done through drilling, blasting, etc. Cemented rings are put in open wells for long life and sustainability. Water motors and hand pulleys are used.



250 Beneficiaries

## GRAVITY FLOW SCHEME

\$3,450

Average time to completion: 6 months

Warranty of Materials: 25 years

The distribution of water is always troublesome in hilly and remote areas. A reservoir of water is created mechanically and stored where it can be easily disseminated to the required population.



# PAKISTAN



2000 Beneficiaries

## RO FILTRATION PLANT

\$20,000

Average time to completion: 6 months

Warranty of Materials: 10 years

The reverse osmosis plants have a special attachment to boost the minerals. They are separated from the water but retained, the salt is removed and the minerals are added back.



200 Beneficiaries

## SOLAR POWERED WATER PROJECT

\$1,300

Average time to completion: 6 months

Warranty of Materials: 5 years

The project was designed to replace the Afrediv hand pump in educational institutes because it is easier for children and people with disabilities to use.



250 Beneficiaries

## SUBMERSIBLE WITH BRICK MASONRY

\$3,450

Average time to completion: 6 months

Warranty of Materials: 5 years

Submersible water pumps are best suited for remote areas or places where electricity has frequent outages.





# PAKISTAN



1500 Beneficiaries

## TUBE WELL

\$11,300

Average time to completion: 6 months

Warranty of Materials: 10 years

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.



2000 Beneficiaries

## ULTRA FILTRATION PLANT

\$13,300

Average time to completion: 6 months

Warranty of Materials: 10 years

Similar to the Reverse Osmosis Filter Plant, the Ultra Filtration Plant cleans groundwater, making it safe to drink.



2000 Beneficiaries

## PORTABLE RO SCADA

\$8,600

Average time to completion: 6 months

Warranty of Materials: 5 years

The portable RO plant will incorporate solar panels allowing the system to operate solely on renewable energy, reducing carbon emissions and operational costs.



# PAKISTAN



\$5,400

250 Beneficiaries

## WASHROOMS FOR SCHOOLS

Average time to completion: 6 months

Warranty of Materials: 5 years

Your gift of a Washroom will help more than two hundred students keep an eye on their studies in addition to their sanitation and hygiene.

50 Beneficiaries

## HYGIENE KITS

Hygiene kits play a crucial role in preventing the spread of diseases, particularly in disaster-affected or displaced populations, by ensuring that individuals have the means to maintain proper personal hygiene despite challenging circumstances.

\$100



\$100

## PROJECT MAINTENANCE

Help maintain Water and Sanitation projects for thousands of beneficiaries







# MIDDLE EAST AND NORTH AFRICA (MENA)

It is difficult and expensive for refugees who live in camps to find a clean drinking water source in the desert. HHRD does not provide water wells, but instead uses other solutions such as water delivered by truck, water tanks and home filtration systems.



## MIDDLE EAST AND NORTH AFRICA (MENA)



### HYGIENE KITS

Beneficiaries: 50 Beneficiaries  
To protect refugees from disease

\$100



### WATER TANKS IN JORDAN

Number of beneficiaries: 600  
Average time to completion: 3 Days  
Warranty of materials: 5 Years

\$1,000



### HOME WATER FILTRATION

Number of beneficiaries: 200  
Average time to completion: 21 Days  
Warranty of materials: 3 Years

\$1,000



### WASHROOMS

Number of beneficiaries: 600  
Average time to completion: 11 Months  
Warranty of materials: 5 Years

\$2,000



## MIDDLE EAST AND NORTH AFRICA (MENA)



### WATER SUPPLY BY TRUCK

Beneficiaries: 50 Beneficiaries  
4,000 liters of water every month.

\$1,000



### WASHROOMS IN MOROCCO

Number of beneficiaries: 20  
Sanitary facilities for earthquake victims

\$1,600

## Beneficiary Story

Um Ahmad is a Palestinian refugee living in Gaza Camp, Jordan. She is the mother of nine children. Her husband works as a janitor and the wage he gets barely covers any of the family's needs. On top of that, payments on a previous loan eat up most of the family's reserve.

The only drinking water they had access to was the municipality water, but it was bad and it caused their family a lot of pain. One of Um Ahmad's children started screaming from an unbearable stomachache. In the emergency room, the doctors told them that there was a great deal of sediment in the child's stomach, as a result of the unhealthy water.

To protect the children, Um Ahmad and her husband decided to buy a water filter. But the cost of replacement filters would have been too high. Thankfully, HHRD granted them a home water filtration unit so that they can have clean water and will never have to worry about water borne illnesses again.





# ASSOCIATION OF SOUTH EAST ASIAN NATIONS (ASEAN)

HHRD is constantly expanding its activities in this region, providing water and sanitation solutions for poverty stricken communities.





# INDONESIA



## RESTROOMS

Number of beneficiaries: 10  
Average time to completion: 6 Months  
Warranty of materials: 5 Years

\$1,750

## BORE WELL WITH WATER TANK

Number of beneficiaries: 10 Households  
Average time to completion: 3 Months  
Warranty of materials: 5 Years

\$2,500



## HYGIENE KITS

50 beneficiaries  
Help reduce waterborne diseases

\$100





# CAMBODIA



## RESTROOMS

Number of beneficiaries: 10  
Average time to completion: 6 Months  
Warranty of materials: 5 Years

\$700

## WATER TANK

Number of beneficiaries: 300  
Average time to completion: 3 Months  
Warranty of materials: 5 Years

\$1,600



## HYGIENE KITS

50 beneficiaries  
Help reduce waterborne diseases

\$100





# THAILAND



## HYGIENE KITS

Number of beneficiaries: 50  
Hygiene kits available in Laos and Thailand

\$100

## RESTROOMS IN LAOS

Number of beneficiaries: 2 households  
This new project is available through a vetted, local partner

\$700



## PROJECT MAINTENANCE

Help maintain WASH and water projects for all of ASEAN region to ensure access to water and sanitation.

\$100



# AFRICA

HHRD works primarily in Eastern Africa where droughts and flooding due to climate change are on the rise. We deliver water wells and innovative solutions such as rainwater harvesting, but we also provide emergency relief in the form of water trucking.







# KENYA



## WATER TRUCKING

Beneficiaries: 1,500  
Water provided via truck to address immediate water needs.

\$400



## SHALLOW WELL

Beneficiaries: 2,000  
Average time to completion: 2 months  
Warrantee of materials: 5 years

\$4,500



## MEGA BOREHOLE

Beneficiaries: 30,000  
Average time to completion: 6 months  
Warrantee of materials: 10 years

\$115,000



## RAINWATER HARVESTING

Beneficiaries: 2,000  
Average time to completion: 2 months  
Warrantee of materials: 6 years

\$3,450





# KENYA



## WATER STORAGE TANK

Beneficiaries: 15,000  
10,000 ltr capacity - stores water easily  
for an entire community

\$1,150



## CLEAN JUGS

Beneficiaries: 500  
20 ltr capacity - ensures cleanliness of  
water distributed via truck

\$500



## SOLAR POWER PROJECT

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

\$5,550



## MEGA WATER FILTRATION PLANT

Number of beneficiaries: 15,000  
Average time to completion: 6 Months  
Warranty of materials: 15 Years

\$160,000



# KENYA



## WATER PURIFICATION PLANT

Number of beneficiaries: 15,000  
Average time to completion: 6 Months  
Warranty of materials: 15 Years  
\$46,000



## RESTROOMS IN SCHOOLS

Beneficiaries: 15,000  
Average time to completion: 6 Months  
Warranty of materials: 10 Years  
\$6,670



## HYGIENE KITS

Beneficiaries: 7,500  
Due to an outbreak of cholera caused by excessive flooding in the region, hygiene kits are desperately needed in Africa.  
\$100



## PROJECT MAINTENANCE

Help maintain Water and Sanitation projects for years to come.  
\$100



# UGANDA



## RESTROOMS IN SCHOOLS

Beneficiaries: 15,000  
Average time to completion: 6 Months  
Warranty of materials: 10 Years  
\$6,670



## SHALLOW WELL

Beneficiaries: 2,000  
Average time to completion: 2 months  
Warranty of materials: 5 years  
\$4,500



## MEGA BOREHOLE

Beneficiaries: 30,000  
Average time to completion: 6 months  
Warranty of materials: 10 years  
\$115,000



## RAINWATER HARVESTING

Beneficiaries: 2,000  
Average time to completion: 2 months  
Warranty of materials: 6 years  
\$3,450





# SOMALIA/SOMALILAND



## WATER TRUCKING

Beneficiaries: 1,500  
Water distributed in emergency and drought situations  
\$400



## SHALLOW WELL

Beneficiaries: 1,000  
Average time to completion: 2 months  
Warrantee of materials: 5 years  
\$4,500



## RESTROOMS IN SCHOOLS

Beneficiaries: 15,000  
Average time to completion: 6 months  
Warrantee of materials: 10 years  
\$6,670



## PROJECT MAINTENANCE

Help maintain Water and Sanitation projects for years to come.

\$100



## MALI, ETHIOPIA, DJIBOUTI & TANZANIA



### WATER TRUCKING IN ETHIOPIA, DJIBOUTI & TANZANIA

Beneficiaries: 1,500

\$400



### SHALLOW WELL IN MALI & TANZANIA

Beneficiaries: 1,000

Average time to completion: 2 months

Warranty of materials: 5 years

Mali: \$5,750      Tanzania: \$4,500



### RESTROOMS IN SCHOOLS IN ETHIOPIA

Beneficiaries: 15,000

Average time to completion: 6 months

Warranty of materials: 10 years

\$6,670



### PROJECT MAINTENANCE

Help maintain Water and Sanitation projects for years to come.

\$100



# BANGLADESH, NEPAL & AFGHANISTAN

HHRD provides many WASH projects in this region, including restrooms, hand pumps and hygiene kits for refugees and local residents alike.







# BANGLADESH



## DEEP TUBE WELL

Number of beneficiaries: 700  
Average time to completion: 6 Months  
Warranty of materials: 10 Years

\$1,600



## MEGA WATER WELL

Number of beneficiaries: 10,000  
Average time to completion: 6 Months  
Warranty of materials: 15 Years

\$11,000



## WASHROOMS FOR REFUGEES

Number of beneficiaries: 700  
Average time to completion: 11 Months  
Warranty of materials: 8 Years

\$2,450



## PROJECT MAINTENANCE

Help protect valuable Water and Sanitation projects for years to come

\$2,000



# NEPAL



## BIO SAND FILTRATION WITH COMMUNITY HAND PUMP

Number of beneficiaries: 500/Day  
Average time to completion: 4 Months  
Warranty of materials: 5 Years

\$1,460



## DRINKING WATER TREATMENT PLANT

Number of beneficiaries: 1,500/Day  
Average time to completion: 6 Months  
Warranty of materials: 10 Years

\$6,000



## SOLAR POWERED RO FILTRATION PLANT

Number of beneficiaries: 1,500/Day  
Average time to completion: 6 Months  
Warranty of materials: 10 Years

\$22,000



## HYGIENE KITS

To mitigate disease and promote  
sanitary habits

\$100



# AFGHANISTAN



## AFREDIV HAND PUMP

Number of beneficiaries: 100-170  
Average time to completion: 4-6 months  
Warranty of materials: 3-5 years

\$1,460



## REVERSE OSMOSIS TREATMENT PLANT

Number of beneficiaries: 1,500  
Average time to completion: 6 Months  
Warranty of materials: 10 Years

\$6,000



## WASHROOMS

Number of beneficiaries: 50  
Average time to completion: 6 months  
Warranty of materials: 5 years

\$2,300



## HYGIENE KITS

To mitigate disease and promote  
sanitary habits

\$100





# LEARN MORE

To learn more about HHRD's Water for Life and Water and Sanitation Hygiene programs, please visit us on the web at:

[hhrd.org/water](http://hhrd.org/water)  
[hhrd.org/sanitationhygiene](http://hhrd.org/sanitationhygiene)



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