

WATER AND SANITATION HYGIENE CATALOG



HELPING HAND
FOR RELIEF AND DEVELOPMENT



HELPING HAND
FOR RELIEF AND DEVELOPMENT

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ASSOCIATION OF SOUTH EAST ASIAN NATIONS



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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.



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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

\$2,300

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.



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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.



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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.





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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



HELPING HAND
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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



HELPING HAND
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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



HELPING HAND
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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.





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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



HELPING HAND
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KENYA



WATER STORAGE TANK

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

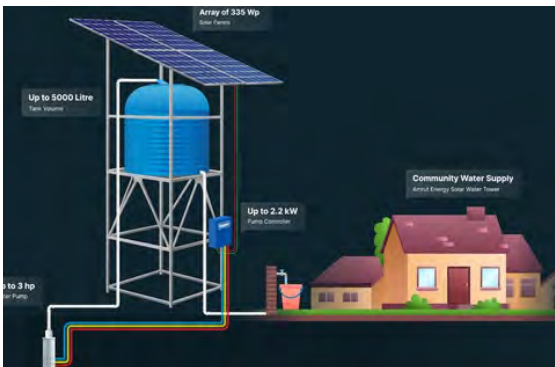
\$1,150



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



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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



HELPING HAND
FOR RELIEF AND DEVELOPMENT

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



HELPING HAND
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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

Warranty of materials: 5 years

\$4,500



RESTROOMS IN SCHOOLS

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



HELPING HAND
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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



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BANGLADESH, NEPAL & AFGHANISTAN

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





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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



HELPING HAND
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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



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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



HELPING HAND
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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

hhrd.org/sanitationhygiene



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