



TGUP Project Summary

Water Purification
KYO Orphanage
Anchargn, Cambodia



Project Name:

Water purification system

Project Location:

Orphanage run by KYO in Ancharagn, Cambodia

Project Summary:

Install a water purification system to provide potable water

Project Detail:

Water purification will provide water to the orphanage as well as the nearby school and village.

Project Partner:

Kambuja Youth Organization (KYO)

Project Cost:

\$5,126. KYO is committed to raising 50%, so TGUP's cost is \$2,563.



TGUP, in partnership with Kambuja Youth Organization (KYO), will install a water purification system to provide potable water to the orphanage for drinking, cooking and bathing. The system will be large enough to also capture excess water into a water tank that will be bottled into 20 liter reusable plastic bottles and provided to the neighboring villagers and school.

The orphanage currently has to purchase bottles water for drinking, close to 3,000 bottles every month. This is not only expensive but environmentally unfriendly. Recycling is difficult and often unavailable.

The project will procure and install a two-stage purification system. The first stage is a bio-sand filtration unit which will remove solids and some pathogens. The second stage UV radiation system removes additional pathogens, bringing the quality up to WHO drinking standards.