

Ceramic Water Filter Program Request 2023

Concern America builds local capacity in health care, clean water, and economic opportunities by working with community members to develop solutions to their needs. In 2023, the Appropriate Technology team in Chiapas will expand distribution of home-based ceramic water filters to 200 additional families in autonomous communities, considerably reducing many of the diseases caused by the consumption of contaminated water. Knowing the work of the local Concern America team and the quality of the filters, the families have made a special petition for filter support.



The ceramic water purification filters used eliminate bacteria and pathogens by slow filtration. The colloidal silver in the cartridge kills all microorganisms with 99.99% disinfection and purification rate. It is small in size, very light, and can be easily adapted to any container. This ceramic cartridge and its universal adapter “Aguadapt” are manufactured by Caminos de Agua, an NGO based in Guanajuato, Mexico, in collaboration with Concern’s Appropriate Technology team.

In addition, the local, Autonomous Education Commissions, already trained in filter maintenance and support this past year, will work closely with communities in their regions receiving the filters, leading training and accompaniment on the filter’s use and maintenance. The workshops provide a space for the community to share their experiences about clean water consumption, health, and water contamination. With these trainings and community participation, people take greater ownership of their filters, learning their use and operation, knowing how to care and clean it, and ensuring a responsible and conscious consumption of uncontaminated water.

If awarded, funding from Kiptik would support the purchase of 200 filters and their distribution in the autonomous communities.

Project Component	Total Expenses
Filter (\$40) x 200	\$8,000
Distribution (travel exp.)	\$1,000
Water Testing	\$200
TOTAL	\$9,200