5,300 litres of rainwater closer to families

Water Connections · East Sumba, Indonesia · site to be confirmed



BUDGET NEEDED

CHF 2'245

Total budget required to carry out this project.

CHF 2,245 will fund a 5,300-litre ferrocement tank with rooftop rainwater collection and filtration. The project aims to serve at least three families and fifteen people.

WHAT THIS PROJECT AIMS TO CHANGE

- 5,300 litres of storage close to homes.
- At least 3 families and 15 people targeted.
- Water for washing and everyday hygiene.

01. WHY THIS PROJECT

Without a water reserve close to home, families struggle to wash, clean and maintain everyday hygiene. Collecting rainwater makes it possible to store a resource available during rainfall and reduce journeys to fetch water.
Water Connections builds on experience in communities including Hambarita and Laindatang. Our teams have built nearly one hundred tanks, according to our current field estimate. This project funds one additional unit; the exact location and beneficiary households will be confirmed before construction. Filtration alone does not guarantee that water is safe to drink.

02. DELIVERY AND FOLLOW-UP

PLANNED ACTION

Build a 5,300-litre ferrocement tank using the May 2026 design: 1.50 m high, 2.12 m internal diameter and six reusable mould sections, easier to transport and assemble. Connect rooftop rainwater collection, filtration, protected storage and distribution. Involve families in use and maintenance. Check the system before commissioning and specify treatment and water-quality checks for any drinking water.

BUDGET BREAKDOWN

Expense	Qty	Unit cost	Total
5,300 L tank with rainwater collection and filtration Supplied total estimate; itemised costs not provided	1	2'245	2'245
Total · CHF			**CHF 2'245**

RESPONSIBLE TEAM

Fair Future / Water Connections field teams, working with the beneficiary families.

INDICATIVE TIMETABLE

Around ten days of construction. Start and commissioning depend on site readiness, logistics and checks.

HOW WE WILL REPORT BACK

Proposed follow-up, for approval: construction and completion photographs, confirmation of households served, and a short report on operation and maintenance guidance. Water availability depends on rainfall, collection area and use. Photo: an earlier tank for a PAUD preschool with around 40 young children, previously without water. Ino, field programme manager, is on the left; Primus, technical manager, on the right. This school illustrates prior work, not the beneficiaries of the proposed tank.