TETRA

Building innovation and entrepreneurship through community-led safe water systems.

A COMPANY SUPPORTED BY:

innovations against poverty

COMPANY SNAPSHOT
Country: Bangladesh
Year Founded: 2022
Sector: WASH

WHAT WE DO:
Tetra designs and operates community-led water treatment systems powered by women operators, IoT monitoring, and automated water dispensing.

COMMUNITY-LED SAFE WATER SYSTEMS FOR HEALTH AND EMPOWERMENT

Access to safe drinking water remains a major challenge in underserved and climate-vulnerable communities, where rural water systems frequently fail due to poor monitoring, limited maintenance capacity, and weak local ownership.

Tetra develops and deploys decentralized water treatment systems that deliver safe, affordable drinking water while building sustainable local service ecosystems. At the core of Tetra's model is community ownership: it combines women-led operations, smart monitoring, and structured technical support to turn water infrastructure into reliable, scalable service platforms.

The company trains local women as micro-entrepreneurs, equipping them with technical, operational, and financial management skills, to operate and manage water treatment plants as community businesses.

To reduce system breakdowns, Tetra integrates its in-house IoT-enabled Water ATM technology, that enables remote performance monitoring, real-time data tracking, automated dispensing, and digital revenue records. Tetra also offers One Stop Service Centres that provide preventive and corrective maintenance, spare parts logistics, technician deployment, and operator refresher training.

"Previously, we had to go early in the morning and wait in long lines to collect water. Now, we can access water anytime, near our home."

- Shanti Dhar,
client of Tetra Water Treatment System)

Last updated: Maarch 2026

CREATING SHARED VALUE THROUGH SAFE WATER SYSTEMS

Since 2023...

2,000+ households
served with safe water

200,000+ liters
of water distributed

Tetra's model transforms rural water infrastructure from short-lived installations into reliable, continuously functioning public services.

By positioning women as trained service operators and revenue participants, the model creates local income streams while reshaping community perceptions around women's technical leadership and economic agency. This strengthens both financial inclusion and gender equity within rural service delivery systems.

Tetra's integrated framework also increases accountability in system performance, enhances transparency through monitoring, and builds durable resilience in water-stressed and climate-affected regions.

Funding to date: **$400K USD**	Funding needed: **$1M USD**	2025 Revenue: **$71K USD** 2025 EBTIDA: **$7.5K USD**

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