

OBSERVATOIRE POUR LA DEFENSE DES DROITS DES PERSONNES HANDICAPEES



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Project Title : "Water for Life" – Facilitating Access to Clean Water in Kibumba, Nyiragongo Territory

Context and Justification

Kibumba, located in Nyiragongo territory, faces a severe shortage of clean drinking water. Residents—especially women and children—must walk long distances to fetch water, which is often unsafe, exposing them to waterborne diseases like cholera, typhoid, and diarrhea. The lack of water collection and distribution infrastructure increases health risks and hampers socio-economic activities. This project aims to provide a sustainable solution to this critical issue.

General Objective

To sustainably improve access to clean drinking water for vulnerable populations in Kibumba.

Specific Objectives

- Construct a protected spring or borehole suited to the local environment.
- Install a gravity-fed or manual pump water distribution system.
- Raise community awareness on hygiene and sustainable water management.

Beneficiaries

- **Direct** : 3,500 residents of Kibumba (60% women and children)
- **Indirect** : Neighboring villages (e.g., Makao, Kanyaruchinya)

Project Duration : 4 months

Main Activities

Activity	Description
1. Technical and geophysical study	Identify the most suitable site for water collection or drilling
2. Drilling or spring construction	Carry out the borehole or spring development with civil works
3. Installation of distribution system	Manual pump or gravity-fed system with a tank and pipelines
4. Construction of 3 water kiosks	Community water access points
5. Hygiene awareness	Community sessions on water, hygiene, and sanitation practices
6. Establishment of a local water committee	Ensure long-term maintenance and management
7. Monitoring and evaluation	Supervision and final inspection of the works

Detailed Budget (USD)

Budget Item	Quantity	Unit Cost	Total Cost
1. Geophysical and technical study	Lump sum	–	1,000
2. Borehole/spring development	1	6,500	6,500
3. Construction of 5,000L water tank	1	2,000	2,000
4. Pump or gravity-fed system installation	1	1,500	1,500
5. Construction of 3 water kiosks	3	600	1,800
6. Community awareness (IEC materials)	Lump sum	–	600
7. Training of local water committee	Lump sum	–	500
8. Technical supervision and final inspection	Lump sum	–	1,000
9. Coordination and logistics	4 months x \$600	–	2,400
10. Communication and contingency (5%)	–	–	1,400
Total			\$18,700 USD

Expected Results

- An operational water source or borehole provides clean water to Kibumba.
- Three community water points (kiosks) offer nearby access.
- A local water management committee is established.
- Reduced incidence of waterborne diseases and time saved for households.
- Increased awareness of hygiene and infrastructure maintenance.

Potential Partners

- National Water Supply Agencies (REGIDESO or SNHR)
- Local authorities (Kibumba leadership, health zone)
- Local NGOs (health and WASH sectors)
- Village development committees.