

Rural Water Management Solutions (K) Ltd (RUWASCO)

Project Brief – Kambi Maendeleo Water Project

Executive Summary

Rural Water Management Solutions (K) Limited (RUWASCO) is a Kenyan registered water utilities social enterprise specializing in the development and management of rural water schemes through innovative service delivery models, latest IT solutions and public private partnerships (PPPs).

Our Mission is to support County Governments, local communities and individuals in Kenya to sustainably manage their rural water supply infrastructure systems by offering (to them) professional water management solutions for guaranteed supply of safe and affordable water, and in adequate quantities.

Kambi Maendeleo Water Supply Project

Kambi Maendeleo Water Supply Project is a community water project located in Makindu Ward, Kibwezi West Sub County in Makueni County. The project started its operations in 2010 and was supported by a group of Christian missionaries to sink a shallow well with a yield of 1,500 litres/hour. Before partnering with RUWASCO, the shallow well was operating with a hand pump and this was limiting the number of people benefiting from it, and that little income was being generated; besides being a rudimentary way of water lifting.

Challenges

The water project was facing various challenges as detailed below:

- a) Lack of a motorized water pumping system.
- b) Lack of electricity power connection to support the pumping system
- c) Limited infrastructure - water kiosks and water storage tanks

Public Private Partnership with Rural Water Management Solutions (K) Limited

RUWASCO entered into a Eight years lease contract with Kambi Maendeleo Water Supply Project on March 2019 through a public private partnership (PPP) to develop and operate the water project. The lease contract terms of engagement are as per the Water Services Regulatory Board (WASREB) guidelines for provision of water services in rural and underserved areas in Kenya.

Interventions

Upon effecting the lease contract, RUWASCO has injected own capital into improving the infrastructure and water supply services to the beneficiary community.

RUWASCO has managed to install a motorized water pumping system comprising of solar panels and a Grundfos submersible pump. In addition, an elevated water tank of 6,000 litres has been installed and beneficiaries are now accessing water from one community water point. The project has also employed a water kiosk operator and a night security guard. Amount invested so far is KES 1,200,000.00

We have plans to increase the water storage capacity by installing a 10, 000 litre elevated tank and a prepaid water meter at the water kiosk to monitor and maximize sales.

Outcomes

Upon the interventions, the following outcomes have been achieved from the project:

- Improved access to water services for more than 1,800 beneficiaries.
- Improved quality of life due to access to safe drinking water
- Increased sustainability of the enterprise through a larger customer base and increased revenues.

Annexes:

Annex 1: Lease contract



Lease Contract -
RUWASCO.pdf

Annex 2: Company Registration Certificate



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Annex 3: Project Photos



A view of the hand pump previously used



A view of the solar panels installation



A view of women collecting water during pump & solar system testing



A view showing the water sales operator (in blue apron) attending to customers



A view of women & girls collecting water at the community water point



A view of a metered household connection