



1.1.2021 / Muriel Beck Kadima

ADVERTISEMENT FOR THE MONITORING AND EVALUATION OF A WATER MANAGEMENT PROJECT

The Swiss Support Association to the Mubaya Ecovillage Zimbabwe is looking for a person in Switzerland to *supervise a small water management project in Zimbabwe*. The project descriptions and budgets are still in elaboration. The final choice (priority out of three projects) has not yet been taken. The monitoring will include the priority setting. A donor has already shown his interest. Fundraising shouldn't be needed for the moment.

Skills required:

Language: English (active and passive)

Organizational and financial: if possible experience in monitoring projects in Africa or other parts of the world under difficult circumstances

Technical: although Zimbabwean engineers are accompanying the project, experiences in water projects would be highly welcomed



INTRODUCTION

Mubaya Eco-village, a local organization that works to improve the livelihood of the people living within the Mubaya Eco-village and surrounding communities in Zimbabwe: was founded by Michael Mubaya in 2015 as an active grassroots movement aimed at promoting Mubaya people to live a sustainable and self-determined life in harmony with nature. The Eco-village is partnered and assisted by the SWISS Support Association which is headed by Muriel Beck Kadima. Mubaya Ecovillage was just an ordinary village inherited from Mubaya forefathers under chief Chirau. The aim is to spread and implement the knowledge on permaculture, conservation, food security, climate change (but not limited to). This came as a response to address the issues of land degradation caused by discriminate cutting of trees, widespread veld fires and a lack of active strategies to deal with erosion. It is located 105km from Harare, within Zvimba District.

PROJECT BRIEF BACKGROUND

Water is vital in all life and no human, livestock or agriculture is feasible without water. The preceding years have seen vast and drastic climatic changes causing drought, hunger and poverty. Our village is situated in dry areas where dry spell is experienced. During summer we experience high temperatures which reduce agriculture production, seeing a lot of people giving up their gardens due to water scarcity. Livestock suffer the most as dams, swells etc. would have dried up and there are no alternative sources of water. This has prompted us to urgently address this issue to save our community and livestock. Our livelihood has been challenged because of the water issue. The majority of our small scale farmers, which are mostly women, are the most vulnerable. They walk long distances to fetch water to water their gardens which is an alternative source of food and income so as to educate their children (by paying school fees). The Covid-19 pandemic has made the water situation worse: with restricted movement and curfews, it

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has become extremely difficult for people to be able to access water for use in their homes and fields and for their livestock. This has seen an increase in animal disease and death. A lot of our community members have lost a substantial amount of livestock because of this pandemic.

WATER PROJECTS DESCRIPTION, DESIGN AND SPECIFICATIONS

This far, a committee of elders within the Mubaya Eco-village has engaged Engineer Simango from MMSCC (Middle Manyame Subcatchment) to do the feasibility study for 3 Dam sites. Engineer Simango's assessment and due diligence of the project found that of the 3 sites for Dams inspected 2 were suitable, 1 needed to be constructed and the other 1 need rehabilitation. However, one of the dams was condemned because of the physical characteristics. If constructed, it would require a big budget to construct to relocate residence within the vicinity and this includes two schools. The committee and the council of elders resolved that instead of that dam a borehole be drilled to replace the condemned dam. The borehole would support approximately more than 200 people and their livestock as well as servicing two schools.

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In summary there are the three following projects that shall be implemented:

- Weir Dam (new construction)
- Dam rehabilitation
- Bore hole drilling and equipping it with elevated tanks, submersible pumps and solar panels

In respect to the permaculture principals the dams will help to raise the water table (where as a bore hole is rather draining it).

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