

Inaugural meeting for Msingini Waste water project.

Date: Thursday 14th April 2022

Venue: Microsoft Teams

Meeting Minutes

Min 01/22: Welcome and Introduction

The meeting started at 15:00Hrs with Jared requesting all in attendance to introduce themselves. This was followed by a brief of the project progress.

Min 02/22: Msingini project brief

Farhat made a quick reporting on the progress made on the Msingini project. She mentioned, that:

- The project kicked off in September 2021 and topographic survey was done with the help of Sarah who made a trip to Pemba. The report of this survey was reported to be pending.
- Household survey was done between Dec 2021 and Jan 2022 to get information on the existing situation, the number of people connected to the system, and those with the interest of being connected in the new phase.
- The ponds were cleared and sludge removed, and moved to the storage area.
- Awareness creation had also been done in the project area.
- Reviewing the wastewater management and payment for Ecosystem services with the Municipality was ongoing.

Jared mentioned that two consultants (Regional and National) were hired on behalf of the department of environment of Zanzibar. He mentioned that the supervision work would be done by Farhat and that the reports will be reviewed by the convention once Farhat reviewed them. He highlighted that the main aim of the meeting was to introduce the consultants and look for ways they would work together to speed up the process.

Min 03/22: Consultants TORs and coordination

The terms of reference for the two consultants were presented as followed:

National Consultant

Duties and Responsibilities

1. In collaboration with the regional wetlands expert, develop a training manual focusing on general and system specific training (in situ) for CWs inc. background, applications, design & construction and operation & maintenance (including sludge management)
2. Conduct two capacity building workshops based on the training manual above
3. Conduct plant utilization training - handicrafts, thatching and mulching among other uses to enhance community livelihoods
4. Work with the regional expert to develop a Payment for Ecosystem Services (PES) scheme linked to the constructed wetland to enhance sustainability

Leonard asked if the people that would need training have a background of engineering at least water resources, environmental engineering, civil engineering, constructed wetland development and operation. Farhat mentioned that there were people with the background needed that would be trained.

On plant utilization, Leonard mentioned that there would be need to have people who have entrepreneurial skills when it comes to training in handicrafts, thatching and mulching. He noted the need to monitor and determine the water quality from the ponds from the beginning and during implementation and operation of the system. Sarah added that training for the handicrafts will be a separate training session because that would be more concentrated on the Community who will be utilizing the plants. She noted that there is the issue of heavy metal that will have to be tested when doing the risk assessment. She highlighted that the limited amount of biomass produced over the course of three months or six months will also help to identify what the best uses for that biomass are for example methane generation. It was mentioned that capacity building on entrepreneurship would be considered to support the community develop those skills.

Regional Consultant

Duties and Responsibilities

1. Produce topographic map of CWS and environs
2. Transpose MHWS and tidal regime onto map
3. Determine local sea level rise and add to map
4. Survey pipeline levels
5. Measure flow of wastewater (existing weir or in-water instruments) in m³/day
6. Produce Status Report
7. Utilizing data from (Status Report), produce an updated CWS design with increased adaptive capacity
8. Collaborate with the National expert in modifying the outlets/hydraulics of system modifications made on the outlets/hydraulics of system in the Constructed Wetland System (CWS) on Pemba Island
9. Together with the National wetlands' expert, supervise the construction of a holding/buffer storage (in line storage)

- In terms of timelines of deliverables and budgets, it was mentioned that the budget hasn't changed and that the convention would pay the consultants. On the timings it was mentioned that the remaining time was inadequate. More time for the project would depend on the extension of the WIOSAP project.
- Sarah mentioned that there was Google Drive with project documents with quite a lot of historic documents with photos, survey and that Leonard would be included in it.
- It was mentioned that the project coordinator for the Msingini would be Mwalim Khamis and hence the focal point for the project.
- Sarah mentioned that the status and pipeline reports were done and that the survey needed more data and that she was not able to collect enough data to get a really good spread of the topography when she was there with the limitations of time last time.

Min 04/22: Next Steps

- Leonard to visit Pemba and the transport to be paid by Farhat.
- Sarah and Leonard to have bilateral meetings and the convention to be involved when need be.

Closing:

There being no other matters to discuss, the meeting ended at 16:00Hrs.

In Attendance

Name	Affiliation	
1. Jared Bosire	Nairobi Convention	Male
2. Jane Ndungu	Nairobi Convention	Female
3. Nathan Majwa	Nairobi Convention	Male
4. Farhat A. Mbarouk	Director, Department of Environment	Female
5. Mwalim Khamis Pemba	Project Coordinator	Male
6. Sarah den Haring	Regional Consultant	Female
7. Leonard Gastory	National Consultant	Male