



For a world without hunger

TERMS OF REFERENCE (TOR) FOR BEEKEEPING TECHNICIAN

Title of assignment:	Terms of Reference for Beekeeping Technician
Type of contract:	Consultancy Service
Project title:	Climate-Resilient WASH and Livelihoods Package for Resilient Somali Landscapes
Project No:	SOM 1065
Duration of the Assignment	2 Months (44 working days)
Budget code	B.L : 1.4.2.9
Location	The technician will be based in Burao and will travel frequently to project sites in the Ainabo and Odwayne districts
TOR Submission Date	06.10.2024

1. INTRODUCTION AND BACKGROUND INFORMATION

1.1. About Welthungerhilfe

Welthungerhilfe (WHH) is one of the biggest private humanitarian and development organizations in Germany. It was founded as the National Committee for the Freedom from Hunger Campaign, of the Food and Agricultural Organization of the United Nations (FAO), in 1962. Welthungerhilfe is non-profit, non-political, and non-denominational. It has operations in about 40 countries worldwide (Asia, Africa, and Latin America). Welthungerhilfe has been active in Somaliland since 2001 and maintained an office in Hargeisa and now sub-offices in Borama and Burao. Welthungerhilfe in Somaliland focuses on multi-sector approaches by linking climate-adaptive Agriculture and Natural Resource Protection with Economic Development, as well as safe, sustainable Water, Sanitation, and Hygiene solutions and Nutrition Practices at the household level. To empower women and achieve gender equality, we recognize gender mainstreaming in our projects and programs as critical and strategic. We aim to strengthen the decision-making powers of marginalized groups through the promotion of an enabling and respectful environment that includes men,

women, youth, children, the elderly, and people with disabilities to support them in leading self-determined lives.

1.2. Brief about the project

The Climate-resilient WASH and Livelihoods Package for Resilient Somali Landscapes project aims to strengthen the livelihoods and resilience of vulnerable agrarian and agro-pastoralist people by protecting and restoring key natural resources and WASH services in agrarian, pastoral, and agropastoral areas through community-led actions and improving market access for key rural value chains.

Outcome 1: The livelihoods of 25,434 people are strengthened through the stabilization and restoration of pastoral, agropastoral, and agrarian areas. To achieve this, the project established participatory landscape restoration sites in Abdi Farah, Abdale Gudhan, Dhoobawayne, and Jaleelo communities these participatory landscape restoration activities will be complemented with beekeeping activities to enhance local beekeeping practices, promote sustainable honey production, as well as improve the livelihoods of community members through effective and environmentally friendly apiculture techniques.

2. THE PURPOSE/OBJECTIVE OF THE ASSIGNMENT

The main objectives of this assignment are as follows:-

- To successfully install a total of 40 beehives across four participatory landscape restoration sites, ensuring proper setup and optimal conditions for bee colonization.
- To provide training in basic beekeeping techniques to four selected beekeeping groups, raising their knowledge and skills that can be passed on within the community.
- To conduct practical on-site training sessions that focus specifically on bee

collection and transferring techniques, equipping participants with hands-on experience and confidence in their abilities.

3. SCOPE OF WORK

3.1. Installation of Beehives

- The beekeeping technician will identify and assess suitable sites for beehive installation inside the participatory landscape restoration sites.
- The beekeeping technician will install 10 beehives at each of the four participatory landscape restoration sites, totaling 40 beehives, following best practices for hive placement and onsite induction.
- The beekeeping technician will ensure the availability and proper utilization of all necessary materials and equipment for beehive installation, including protective dress, tools, and beehive components.
- He/she will conduct a thorough assessment of each site, taking into consideration environmental factors such as sunlight, wind exposure, and closeness to flowering plants, to create optimal conditions for the bees.

3.2. Conducting Training Sessions

- The beekeeping technician will conduct training sessions covering essential topics including
 - ✓ Basic beekeeping techniques such as hive management, pest control, and seasonal management practices.
 - ✓ Understanding bee behavior, social structure, and the role of bees in pollination and ecosystem health.
 - ✓ Honey extraction and processing methods to ensure quality production.
 - ✓ Bee Collection and Transferring Techniques by providing in-depth instruction on techniques for safely catching bees from the wild or swarms, emphasizing safety and bee welfare.
 - ✓ Best practices for transferring bees into hives, including preparation and handling to minimize stress to the bees.

3.3. On-site Practical Training

- The beekeeping technician will conduct practical training sessions at each site focusing on:
 - ✓ Collecting and transferring bees into hives, with step-by-step demonstrations and supervised practice.
 - ✓ Maintenance practices for beehives, including inspections, feeding, and disease management, to ensure the health and productivity of bee colonies.
 - ✓ Encourage active participation from participants, encouraging a collaborative learning environment where questions and experiences can be shared.

4. ASSIGNMENT DURATION

The expected duration for this assignment including the installation of beehives and training sessions is expected to last 2 months (44 working days). This timeframe will include preparation, installation, training delivery, and follow-up support commencing from the date of signing of the contract.

5. SUPERVISION AND REPORTING REQUIREMENTS

The Beekeeping Technician will be required to submit a comprehensive final report detailing:-

- The beehive installation process, including challenges faced and solutions implemented.
- Training participants' attendance records and participant feedback.
- Recommendations for future beekeeping plans and potential areas for improvement.



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6. QUALIFICATIONS AND EXPERIENCE

- A minimum of 3 years of proven experience in beekeeping and hive management, with a strong understanding of local bee species and environmental factors affecting their behavior.
- Knowledge of hive maintenance, honey extraction, and pest management practices
- Basic skills in record-keeping related to hive production.
- Strong observational skills to monitor bee safety, hive conditions, bee reproductive cycle, and bee swarm.

7. SUBMISSION AND EVALUATION CRITERIA

The consultant must submit:

- Financial proposal with daily rates.
- CV with three references.
- Evidence of relevant experience.
- Evaluation will be based on qualifications, experience and financial proposal

8. SUPPORT PROVIDED BY WELTHUNGERHILFE

Welthungerhilfe will regularly communicate with the technician and provide feedback, guidance, and necessary support to achieve the objectives of the work, as well as remain aware of any upcoming issues related to the performance and quality of the work. Welthungerhilfe will offer the following services to the beekeeping technician.

- Basic information about the projects is available.
- Required logistics support and stationery during the activity monitoring and field demonstration workshops.
- WHH will identify sites, establish beekeeping groups, provide necessary tools and materials to the beeping groups, and assist the beekeeping technician in the organizing of beekeeping groups during the demonstration workshops.

9. APPROVALS

Prepared by	Checked by	Approved by
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Title: NRM Officer	Title: J. Finance Officer	Title: Head of Project
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