

# **Terms of Reference (TOR) for a Malaria Entomologist and Vector Control Expert**

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## **Introduction:**

The National Malaria Control Program (NMCP) is organized along all the administrative levels of government, at National, Zoba and Sub-Zoba Levels in giving malaria treatment and prevention services. The health facilities, hospitals and health stations are the operational units of the Malaria Control Program. Eritrea has been implementing a multitude of interventions to fight malaria. Amongst the interventions, vector control is critical as the country transitions to malaria pre-elimination and eventual elimination. In this regard, the country has adopted the integrated vector management (IVM) strategy as a key platform for vector control. However, successful deployment of the approach is dependent on availability of competent requisite human resource and infrastructural capacity.

At national level, there are one Program Manager and assistance public health officers. However, the program lacks highly qualified experts that are key to program implementation. In particular, to achieve the set targets within the IVM component, recruitment of a long term technical assistant in malaria entomology and vector control with the following responsibilities will be critical.

Therefore, the Ministry of Health recognizes the need for continuing the international support to the programme to assist in the following tasks.

## **DUTIES AND RESPONSIBILITIES**

### **The entomologist/vector control expert will be responsible for the following duties**

- Update IVM guideline, IRS guideline, LSM guideline, IRS training manual, Insecticide Resistance Management Plan (IRM) guideline etc.;
- Give guidance on application of IVM strategies in different settings of the country;
- Provide national coordination and technical support in conducting vector related studies such as vector susceptibility studies, bed net and wall bioassays, Vector Bionomic Studies, Bed Net Durability Studies etc. (Development of proposals/protocols, data collection forms, field data collection coordination, data analysis and reporting;
- Develop emergency response plan in view of Anopheles Stephensi threat, particularly in urban/semi-urban areas;
- Conduct supervision and give technical support to insectaries;
- Support training activities to malaria staff on vector control and entomology;

- Support routine vector surveillance for malaria in the country, with special focus in low-burden zones/subzones in order to move the pre-elimination malaria agenda
- Assist in Development of Global Fund Funding Request Application, particularly in areas of entomology and vector control;
- Perform other entomology and vector related activities as requested by the Ministry of Health;
- Reports to CDC Director and NMCP manager of the Ministry of Health;

#### **Required qualifications and Experience**

- Post-graduate degree in medical entomology or vector biology or related fields and minimum 10 years' experience in field and laboratory/insectary entomological work with traceable references.
- Capacity in geographical mapping;
- Ability to handle multiple tasks and priorities.
- Ability to use advanced database and statistical analysis softwares.
- Demonstrated skill in analyzing data from studies and entomological surveillance data.
- Experience in writing and communicating research or surveillance findings.
- Conversant with malaria situation in Eritrea and previous experience in malaria technical assistance in Eritrea is an advantage.

**Duration of Service:** January to November 2023