

Terms of Reference (TOR)

Position Title	Entomologist
Number of Positions	04 (Four)
Type of Engagement	Contractual (co-terminus with the Global Fund grant period)
Duration of Contract	Up to 31 March 2027, subject to quarterly performance review and continuation of the Global Fund grant.
Place of Posting	Selected candidates shall be posted in the Global Fund project states/entomological zones, specifically in: • Odisha (02) • Mizoram (02) Candidates may be placed in any district/field location within these states as per programme requirements.
Essential Qualification & Experience:	• Master's degree in Zoology with specialization in Entomology, OR • Master's degree in Public Health Entomology, OR • B.Sc. degree in Biology with minimum 10 years' experience in the field of entomology.
Desirable:	• Minimum five years' experience in field and/or laboratory work in entomological surveillance, vector biology, and bionomics related to malaria or other vector-borne diseases in recognized national/state institutions. • Strong analytical skills and experience in report writing. Experience with insecticide resistance monitoring, vector control evaluation, or GIS tools (preferred).
Competencies	• Proficiency in entomological field techniques and laboratory identification methods. • Ability to plan and coordinate entomological surveys independently. • Strong data analysis, interpretation, and scientific documentation skills. • Ability to work in remote field locations and interact effectively with field staff and local communities. • Good communication and interpersonal skills. • Working knowledge of computer applications (MS Office, statistical tools).

Consultancy Fee Band:	Remuneration will be commensurate with qualifications and experience, up to a maximum of ₹60,000 per month (inclusive of all benefits).
Travel:	- Frequent travel within assigned districts and states will be required. - Travel allowance will be provided as per applicable project norms.
Reporting to:	The Entomologist will report to: The State Programme Officer / District Malaria Officer (as applicable), and The National Technical Lead under the Global Fund project.
Contract Termination	The contract may be terminated based on non-performance, breach of contract, or discontinuation of the Global Fund grant, following programme norms.
Last Date to Apply	26 September 2026

About Organization

TCI Foundation is one of the premier non-government ISO 9001:2015 organizations in India. It is an autonomous organization having its presence across the nation. The Foundation works within the ambit of government rules and regulations, and in compliance with the laws of the land. TCI Foundation primarily provides supplementary support as a partner to governments in public health programmes and projects. It also acts as advocating agency in the enactment of public policies in the country.

TCI Foundation is an equal opportunity employer. Employment at TCI Foundation is based solely on individual's merit and qualifications directly related to professional competence. TCI Foundation does not discriminate against any employee or applicant because of race, caste, creed, colour, religion, gender, origin, disability, marital status, or any other basis protected by law.

Background

The National Malaria Programme under the Global Fund grant aims to strengthen malaria vector surveillance, monitoring, and control activities in high-burden states. Robust entomological surveillance is essential for guiding evidence-based vector control strategies. To support these goals, dedicated Entomologists will be deployed across key entomological zones to enhance field and laboratory entomological activities.

Objectives of the Assignment

The Entomologist will support and strengthen:

- Entomological surveillance
 - Monitoring of vector bionomics and behavior
 - Assessment of insecticide susceptibility/resistance
 - Quality assurance and supervision of vector control interventions
 - Evidence-based planning and decision-making at state and district levels
-

Roles and Responsibilities

The Entomologist will perform the following key tasks:

A. Entomological Surveillance

1. Conduct field-based surveillance of malaria vectors, including:
 - Mosquito collections and identification
 - Larval/pupal surveys
 - Monitoring resting/feeding behavior of adult mosquitoes
 - Longitudinal studies on Species composition and monitoring of Vector density.
2. Undertake insecticide susceptibility/resistance testing following national guidelines.
3. Support mapping of vector breeding habitats and ecology.

B. Laboratory Work

1. Perform laboratory identification of vector species using morphological keys or other approved methods.
2. Assist in determining susceptibility/resistance status of vectors. molecular/biochemical assays (if applicable).
3. Ensure proper maintenance of entomological equipment and laboratory supplies.

C. Vector Control Monitoring

1. Support monitoring and evaluation of vector control interventions (IRS, LLIN distribution/use, larval source management, etc.).
2. Conduct cone bioassays and other quality assurance tests for IRS and LLINs.
3. Document insecticide resistance patterns and support development of mitigation strategies.

D. Data Management & Reporting

1. Maintain accurate records of field and laboratory observations.
2. Analyze entomological data and generate monthly/quarterly reports.
3. Provide inputs for district/state malaria action plans based on entomological findings.
4. Present findings to state/district programme officials and technical partners.

E. Capacity Building

1. Provide on-the-job training to field staff on entomological surveillance techniques.
2. Assist state/district malaria teams in strengthening entomology-focused operations.

F. Coordination & Support

1. Liaise with state/district malaria officers, laboratories, and technical agencies.
2. Participate in review meetings, training sessions, and technical consultations.
3. Ensure adherence to national Standard Operating Procedures (SOPs) and programme guidelines.

Remember:

- 1) Check your eligibility before applying.
- 2) Given the large volume of applications we receive, we are unable to respond to all applicants and our responses are limited to those who are shortlisted.
- 3) Merely fulfilling the eligibility and applying for the position does not entitle the candidate to be called for interview.

- 4) No TA/DA will be paid to attend the interview in person.
- 5) The advertised position can be cancelled/varied as per the discretion of the employer.

Selection:

Selection and appointment shall be carried out through advertisement followed by walk-in- written test/interview (if required), if short listed.

Link to apply for the position

[Click to apply](#)