PAYROLL AND OUTSOURCING

Vacancy Announcement: "Laboratory Technician" in Yangon, Myanmar

ABOUT THE COMPANY

Myanmar Payroll & Outsourcing Co., Ltd. (P&O) is a group of companies focused on providing the Best Quality Payroll and Outsourced Staffing services to our clients throughout Southeast Asia. We offer second to none levels of Customer Service prioritizing our customers' needs over our own.

DUTIES AND RESPONSIBILITIES

1. **Planning, training and QA/QC of malaria microscopy**

- In collaboration with central national malaria control program (NMCP), Department of Public Health, Ministry of Health (MOH), conduct training needs assessment on malaria microscopy, develop training plan, and update the training curriculum and the training materials for malaria microscopy.
- Assist the NMCP in developing micro-plan and budget for training in malaria microscopy supported by the Global Fund (GF) including acting as a facilitator or trainer during national refresher courses in malaria microscopy and RDT.
- Perform relevant tasks for malaria laboratory at the Gyogone national malaria national reference lab (NRL) including patient testing, treatment, maintenance of carbonless malaria patient register and stock book.

2. **Advanced Diagnostic & Reference Testing**

- Perform high-precision malaria microscopy (thick and thin blood smears) to accurately identify, differentiate (Plasmodium species), and quantify parasites.
- Conduct molecular diagnostic procedures, including Polymerase Chain Reaction (PCR), gel electrophoresis, and DNA extraction.
- Process, label, and securely store Dried Blood Spot (DBS) and whole blood samples.

3. **Quality Assurance & Network Support**

- Validate and cross-check sample panels submitted by State and regional, townships, and health facilities as part of the national malaria microscopy QA/QC SOP.
- In collaboration with Department of Medical Research (DMR), MOH, conduct validation of Rapid Diagnostic Test (RDT) kits as part of the national malaria RDT QA/QC SOP.
- Assist the National Focal point for malaria microscopy in setting up database on malaria microscopists including national and external malaria competency assessment for malaria microscopy (NCAMM and ECAMM).
- Manage and expand the National Malaria Slide Bank, ensuring high-quality reference slides are preserved for training and validation purposes.

4. Laboratory Operations & Biosafety

- Maintain strict adherence to ISO 15189 standards, National Biosafety Guidelines, and World Health Organization (WHO) certification criteria.
- Ensure troubleshooting, calibration, and maintenance of sensitive reference equipment (e.g., thermal cyclers, high-end microscopes).
- Manage inventory, monitor supply baselines, and report shortages of critical chemical reagents or diagnostic kits.
- Document all results accurately in the reference laboratory database and maintain the primary Patient/Specimen Register.
- Compile and present monthly or quarterly data summaries mapping diagnostic accuracy, technical gaps, and error trends across the national network.

5. Coordination and reporting

- Participate in quarterly coordination meetings organized by WHO in Yangon and/or at Central NMCP.
- Submit a monthly work and travel plan and activity report or any other report as required to Deputy Director NMCP and WHO Team Lead (Malaria).
- Analyze regional microscopy error trends (false positives/negatives, species misidentification) and draft data-driven interventions. Travel periodically to subnational facilities or outbreak zones to provide on-site technical supervision, troubleshooting, and corrective mentoring to peripheral laboratory personnel.
- Perform other related duties as assigned by the supervisor.

QUALIFICATIONS

Education

- Essential: Bachelor's degree in Medical Laboratory Technology (BMLT), Diploma in Medical Laboratory Technology (DMLT), or an equivalent degree in public health/biological sciences from a recognized institution. Certification: Valid registration or licensure with the National Medical/Laboratory Technologist Board.
- Desirable: WHO Certification in Malaria Microscopy (Level 1 or 2) and formal training certificates in molecular diagnostic techniques or in WHO-standardized malaria microscopy or molecular biology techniques.

Experience

- Essential: Minimum of 3–5 years of hands-on experience in a reference, public health, or research laboratory, with a demonstrated competency in both malaria microscopy and PCR workflows.

Key Competencies & Skills

- Technical: Exceptional ability to differentiate malaria species (P. falciparum, P. vivax, P. malariae, P. ovale).
- Communication: Strong technical writing skills to draft reference reports and SOP updates; capacity to deliver technical training clearly.
- Language skills: Fluency in oral and written English and Myanmar is mandatory

VACANCY NOTICE CLOSE DATE

13 November 2026

HOW TO APPLY

If you are interested, please send your resume to hr.geneva@payroll-and-outsourcing.com. Only short-listed candidates will be contacted.