



JOB OPPORTUNITY
Laboratory Specialist – Biomedical Engineer
Amref/Lap Specialist – Biomedical Specialist/2020-09

1	IDENTIFICATION	
1.1	JOB TITLE	Laboratory Specialist - Biomedical Engineer
1.2	REPORTING TO	Senior Technical Advisor
1.3	PROGRAM	HIV, TB and Malaria
1.4	PROJECT	Sustainable Laboratory Quality Systems for HIV/TB Epidemic
1.5	PHYSICAL LOCATION	Nairobi

Amref Health Africa is the largest international health development organisation based in Africa. Working with and through African communities, health systems and governments, Amref Health Africa’s vision is for lasting health change in Africa and is committed to improving the health of people in Africa by partnering with and empowering communities, and strengthening health systems. For more on Amref Health Africa please visit www.amref.org

Background

Implementation of Sustainable Laboratory Quality Systems (SLQS) in the Republic of Kenya under the President's Emergency Plan for AIDS Relief (PEPFAR) will provide technical assistance (TA) to the Kenya Ministry of Health (MOH) Division of National Public Health Laboratories (NPHL), National VL/EID referral laboratories and other relevant National Health departments to Provide quality laboratory network systems that support timely, efficient and reliable services along the clinical cascade for HIV/TB patients. Sustainable Laboratory Quality Systems programme will coordinate and support activities at the National level, cascade to the counties and site level will be done by lead clinical implementing partners. The objective is for HIV/TB-related diagnostics to achieve the UNAIDS 95-95-95 goals and epidemic control.

2 MAIN PURPOSE OF JOB

The **Laboratory Specialist - Biomedical Engineer** will be embedded at National Public Health Laboratory Services (NPHLS) and will oversee the management system for tracking equipment maintenance and calibration. The role holder will work with NPHL, and CDC Kenya to develop training program to strengthen the equipment maintenance and calibration.

3 PRINCIPAL RESPONSIBILITIES

KEY AREA	ACTIVITIES
Technical Support	<ul style="list-style-type: none"> • Strengthen national equipment maintenance and calibration center through the support of training, mentorship and equipment maintenance and calibration. • Provide technical assistance and mentorship on equipment calibration and maintenance at the national calibration center. • Support calibration and certification of equipment for the national calibration center for auxiliary laboratory equipment and biosafety cabinets. • Support refresher trainings for biomedical engineers and technologists.

KEY AREA	ACTIVITIES
	<ul style="list-style-type: none"> • Support maintenance of the air flow and HVAC systems with the national BSL 3 laboratories • Build the capacity of the MOH led national equipment management programme. • Provide Technical Assistance and sustain ISO 17025 standards at the National Equipment calibration center, Center of Excellence • Installs new and relocated equipment by adjusting, establishing, testing, and calibrating performance of laboratory equipment in viral load and HIV-R laboratories in KEMRI labs. • Provide technical assistance to implement a cost recovery model at NPHL equipment calibration center by charging services offered to the private sector that can be ploughed back to the system for sustainability • Ensures annual reaccreditation of field Biological safety cabinet certification by the NSF/ANSI 49 International standard.

4 REQUIRED QUALIFICATIONS

Education & Knowledge

- Degree in Medical Engineering
- Training on Laboratory equipment calibration from a recognized institution for the following measurements: volume, mass, temperature, rotational speed and pressure
- Training on ISO 17025
- Micro soft proficient

Experience

- 2 years of experience in installation, testing, maintenance and repair of instrumentation, power supplies and electro/mechanical power transmission devices for clinical, biomedical or radiological equipment including class II Biological Safety Cabinets, or equivalent, is required.

Skills and Competences

- Excellent interpersonal and communication skills (oral and written).
- Excellent analytical skills, presentation and problem solving skills.
- Innovative with a high degree of initiative
- Excellent organizational skills.
- Careful measurement and analytical skills.
- Good attention to detail.

Interested? Submit a Cover letter in PDF expressing your interest and clearly outlining your qualifications for the position (Not exceeding 2 pages) and an updated CV in PDF (Not exceeding 3 pages) highlighting all relevant educational and employment experience. The subject line for your email should read: **Amref/ Biomedical Engineer/2020-09** to recruitment@amref.org **Deadline for submission: - 24th September 2020.** **Please note that only shortlisted candidates will be contacted.**

Duly note that Amref Health Africa does not require applicants to pay any fee at whatever stage of the recruitment and selection process.

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