

LAMPIRAN - A1

RUJ: BME/A2K/(1694)/2026/HTD (A17)

24/6/2026

TO SERVICE AND PPM ONE (1) UNIT OF BIOMERIEUX MICROBIAL ID TESTING EQUIPMENT, BME17356 ,
MODEL: VITEK MS , SN: 50607 AT MICROBIOLOGY LAB, RIPAS HOSPITAL, LAB SERVICES. (WO: 2026-11458)

SCOPE OF WORK

EQUIPMENT DETAILS:

EQUIPMENT: MICROBIAL ID TESTING EQUIPMENT
BRAND: BIOMERIEUX
MODEL: VITEK MS
BME NO : 17356
SN : 50607

SCOPE OF WORKS:-

1. PREVENTIVE MAINTENANCE SHALL FOLLOW EQUIPMENT MANUAL AND BRAND/MODEL SPECIFIC RECOMMENDATIONS AND MAY INCLUDE BUT NOT LIMITED TO:

- * Inspect the external and internal condition of the instrument
- * Check and record the performance of the system prior to service
- * Check the linear detector condition prior to service
- * Check camera alignment, crosshair and laser position
- * Perform laser system servicing
- * Check and clean all cooling fans
- * Clean the transient recorder board
- * Load Service tuning file, switch to standby mode
- * Check the V5 gate valve
- * Check the stage ground strip, replace if necessary
- * Replace the door springs and door seal
- * Check and clean the rotary pump fan and body
- * Change the rotary pump oil
- * Replace the oil mist filter
- * Replace the foreline trap sorbant
- * Check and clean the rotary pump inlet filter
- * Replace the SAC illumination bulb
- * Perform sample stage servicing
- * Align target and check stage performs well
- * Pump down the instrument
- * Check for vacuum leaks
- * Check the vacuum pressure is OK
- * Perform High Voltage conditioning
- * Check low voltage power supply voltages
- * Confirm HV read backs in the Instrument Status Viewer
- * Check camera and laser alignment
- * Do deflectors tuning with blue ink
- * Check and adjust the detector baseline offset
- * Check the SAC vent time and door opening/closing
- * Check the SAC pump down time
- * Check the blanking performance
- * Check and adjust the Pulsed Extraction scaling factor
- * Check the instrument performance
- * Clean the instrument inside and outside
- * Check the instrument for continuing CE Conformance
- * Write service record and reset instrument service
- * statistics in the software
- * Perform fine tuning of the instrument
- * Perform a routing test
- * Backup Acquisition Station

Remarks:

Any further parts required to successfully operate the above mentioned equipment will be quoted separately.

2. Apply preventive maintenance sticker/tag after successful service.
3. Disposal of any used spare parts/pm kits, unless otherwise instructed.
4. Work to be carried out by engineer(s) authorised in providing maintenance to the equipment.
5. Vendor(s) to submit maintenance checklist specific for the equipment along with other necessary documents to join this tender.
6. Upon approval, the earliest the preventive maintenance work can be carried out on the equipment is one month before the next PM due date, and not anytime earlier.

LAMPIRAN - A2

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	SPAREPART	PART NUMBER	QUANTITY
1	ONE TIME PM SERVICE BIOMERIEUX MICROBIAL ID		1
2	VITEK MS LINEAR DETECTOR	6207090	1
3	GATE PULSER BOX	6203432	1
4	APC REPLACEMENT BATTERY CARTRIDGE FOR SMT 2200I		1
5	VITEK MS PM SERVICE KIT	6205380	1
6	START CALIB KIT LASER BIOLABS	411657	1