

LAMPIRAN - A1

RUJ: BME/A2K/(1752)/2026/HTD (A20)

21/9/2026

ONE OFF PREVENTIVE MAINTENANCE SERVICES FOR ONE (1) UNIT OF FOURIER TRANSFORM INFRARED SPECTROSCOPY (FTIR) SYSTEM, BRAND: THERMO SCIENTIFIC, MODEL: NICOLET iS50, S/N: AUP1400387, BME17212, AT PHYSICAL EVIDENCE SECTION, DEPARTMENT OF SCIENTIFIC SERVICES

SCOPE OF WORK

One off preventive maintenance services for one (1) unit of Fourier Transform Infrared Spectroscopy (FTIR) System, Brand: Thermo Scientific, Model: Nicolet iS50, S/N: AUP1400387, BME17212, at Physical Evidence Section, Department of Scientific Services.

-Scope of work to follow equipment manual/recommendation specific for the model which include the following where necessary:

- (i) inspection
- (ii) cleaning
- (iii) installation of PM kits, consumables and spare parts listed in spareparts list (if any in Lampiran A2)
- (iv) alignment
- (v) calibration
- (vi) any other related preventive maintenance works required.

- Functional check post-maintenance.

- Apply preventive maintenance sticker/tag after successful service.

- Disposal of any used spare parts/pm kits, unless otherwise instructed.

- Work to be carried out by engineer(s) authorised in providing maintenance to the equipment.

- Vendor(s) to submit maintenance checklist specific for the equipment along with other necessary documents to join this tender.

- 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

RUJ: BME/A2K/(1752)/2026/HTD (A20)

ONE OFF PREVENTIVE MAINTENANCE SERVICES FOR ONE (1) UNIT OF FOURIER TRANSFORM INFRARED SPECTROSCOPY (FTIR) SYSTEM, BRAND: THERMO SCIENTIFIC, MODEL: NICOLET iS50, S/N: AUP1400387, BME17212, AT PHYSICAL EVIDENCE SECTION, DEPARTMENT OF SCIENTIFIC SERVICES

	SPAREPART	PART NUMBER	QUANTITY
1	Nicolet iS50 Dessicant and Humidity disc kit LRU		1 ea
2	Preventive Maintenance one time Service for IMT Nitrogen Generator		1 lot
3	Filter Replacement PM service kit		1 set
4	gast compressor motor seal PM kit		1 set
5	Nicolet iS50 Validation Wheel (only wheel)		1 unit
6	Nicolet iS50 Laser assembly LRU		1 unit