

Rujukan Kami: (86) MOH/HQ/P/IKLAN-SH/2025

LAMPIRAN 3

BIL	Quotation Reference	Description	Advertisement Date	Closing Date (Not Later Than 09.00AM)	Quotation Fee	Requesting Department
3	BME/A2K/(1399)/2025/HTD (A20)	ONE-OFF PREVENTIVE MAINTENANCE FOR CENTRIFUGES IN DEPARTMENT OF SCIENTIFIC SERVICES, MINISTRY OF HEALTH.	10/06/2025	05/07/2025	\$5.00	JABATAN TEKNOLOGI PENJAGAAN KESIHATAN, KEMENTERIAN KESIHATAN

LAMPIRAN - A1

RUJ: BME/A2K/(1399)/2025/HTD (A20)

3/6/2025

ONE-OFF PREVENTIVE MAINTENANCE FOR CENTRIFUGES IN DEPARTMENT OF SCIENTIFIC SERVICES, MINISTRY OF HEALTH

SCOPE OF WORK

One-off preventive maintenance for the following nineteen (19) units of centrifuges Department of Scientific Services:

Brand: **EPENDORF**

- 1) **BME19818**, Model: 5810R, S/N: 5811CN70635 at Food Chemistry Section, W/O: 2025-5353
- 2) **BME19834**, Model: 5418R, S/N: 5401CM905904 at Food Chemistry Section, W/O: 2025-5357
- 3) **BME19903**, Model: 5804, S/N: 12414 at Food Chemistry Section, W/O: 2024-3535
- 4) **BME20928**, Model: 5804R, S/N: 5805DI265463 at Food Chemistry Section, W/O: 2024-3538
- 5) **BME13265**, Model: 5427, S/N: 5427C1916909 at Forensic Biology Section, W/O: 2024-3537
- 6) **BME13266**, Model: 5430, S/N: 5427C1916910 at Forensic Biology Section, W/O: 2024-3536
- 7) **BME6780**, Model: 5804, S/N: 5804XP614301 at Forensic Biology Section, W/O: 2024-3539
- 8) **BME7154(E)**, Model: 5418, S/N: 5418XJ110942 at Microbiology Section, W/O: 2024-3484

Brand: **BECKMAN COULTER**

- 9) **BME15082**, Model: Microfuge 16, S/N: MBB133M013 at Food Chemistry Section, W/O: 2025-5355
- 10) **BME0016401**, Model: Allegra X-30, S/N: ALT13G047 at Food Chemistry Section, W/O: 2025-5351
- 11) **BME0016402**, Model: Allegra X-30, S/N: ALT3G049 at Food Chemistry Section, W/O: 2025-5356
- 12) **BME7022**, Model: Allegra X-22, S/N: ALDO7M016 at Forensic Biology Section, W/O: 2024-3540
- 13) **BME15083**, Model: Microfuge 16 at Forensic Biology Section, W/O: 2024-3541
- 14) **BME15084**, Model: Microfuge 16 at Microbiology Section, W/O: 2024-3483
- 15) **BME9447**, Model: Allegra X-15R, S/N: ALP12M69 at Toxicology Section, W/O: 2025-5403

Brand: **BIOMEDIA**

- 16) **BME19524**, Model: PC100, S/N: 97060444 at Microbiology Section, W/O: 2024-3485

Brand: **KUBOTA**

- 17) **BME0000660**, Model: 8100, S/N: W31309 at Food Chemistry Section, W/O: 2025-5051

Brand: **SIGMA**

- 18) **BME8065**, Model: 3-16P, S/N: 141960 at Pharmacy Section, W/O: 2025-5510

Brand: **ROTINA**

- 19) **BME19959**, Model: Rotina 380, S/N: 0001590-04-00 at Pharmacy Section, W/O: 2025-5580

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

- (i) inspection
- (ii) cleaning
- (iii) installation of PM kits, consumables and spare parts (including any listed in spare parts list 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/details/scope 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.

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RUJ:

ONE

SPAREPART

PART NUMBER

QUANTITY