

LAMPIRAN - A1

RUJ: BME/A2K/(1613)/2026/HTD (A20)

16/3/2026

ONE OFF PREVENTIVE MAINTENANCE SERVICES FOR ONE (1) UNIT OF GAS CHROMATOGRAPHY MASS SPECTROMETER (GCMS) , BRAND: SHIMADZU, MODEL: GCMS-QP2010 PLUS, S/N:020504601503, BME6904 AT PHARMACY LABORATORY, DEPARTMENT OF SCIENTIFIC SERVICES.

SCOPE OF WORK

One-off preventive maintenance for one (1) unit of Gas Chromatography Mass Spectrometer (GCMS), Brand: Shimadzu, Model: GCMS-QP2010 PLUS, S/N: 020504601503, BME6904 at Pharmacy Laboratory, Department of Scientific Services inclusive of but not limited to:

- Scope to follow preventive maintenance manual/recommendation specific for the equipment, which include the following where necessary:

(i) inspection

(ii) cleaning

(iii) installation of PM kits, consumables and spare parts listed in spareparts list (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 on the system is 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.

LAMPIRAN - A2

RUJ: BME/A2K/(1613)/2026/HTD (A20)

ONE OFF PREVENTIVE MAINTENANCE SERVICES FOR ONE (1) UNIT OF GAS CHROMATOGRAPHY MASS SPECTROMETER (GCMS) , BRAND: SHIMADZU, MODEL: GCMS-QP2010 PLUS, S/N:020504601503, BME6904 AT PHARMACY LABORATORY, DEPARTMENT OF SCIENTIFIC SERVICES.

	SPAREPART	PART NUMBER	QUANTITY
1	ONE OFF PREVENTIVE MAINTENANCE SERVICE OF GCMS-QP2010 PLUS		lot 1
2	GCMS PM KIT	225-02091-41	1 kit
3	Rotary pump oil ultragrade 15, 1L/btl	017-30163-11	1 btl
4	Ceramic Bush for Insulator	225-01068	4 pc
5	Ceramic Insulator	200-44394	10 pc
6	Molecular Sieve Filter	221-34121-94	2 pc
7	Filter Assy	221-42559-92	4 pc
8	Split insert with wool (5's/pkt)	221-75193	1 pack
9	Shimadzu triple (oxygen/moisture/hydrocarbon) Helium-specific filter	226-50752-00	1 pc
10	Cable, Set, Filament	225-10434-96	1 set
11	Grindstone, Hp13S, M2 (12's/pkt)	670-18701-02	1 pack
12	Abrasive cloth	225-20804-91	1 pc
13	Filament D Assy	225-10340-91	1 pc
14	PFTBA, 5 Gr	225-09493-03	1 pc
15	Quartz insert for PTV	221-49300	1 pc
16	O-ring, P3 (5's/pkt)	036-11201-84	1 pack
17	10uL syringe	221-34618	1 pc
18	Plunger holder (5pc/pkt)	221-45177-91	1 pc