

LAMPIRAN - A1

RUJ: BME/A2K/(1622)/2026/HTD (A20)

13/5/2026

ONE OFF PREVENTIVE MAINTENANCE SERVICES FOR FIVE (5) UNITS OF FOSS EQUIPMENT AT FOOD CHEMISTRY, DEPARTMENT SCIENTIFIC SERVICES.

SCOPE OF WORK

One off preventive maintenance service for five (5) units of Foss equipment at Food Chemistry laboratory, Department of Science Services.

Details of the equipment are as follow:

1. BME20954, Automated Solvent Extraction System, Model: SOXTEC 2050, SN: 520041079
2. BME20293, Automated Solvent Extraction System, Model: SOXTEC 8000, SN: 91824706
3. BME29460, Dietary Fiber System, Brand: FOSS, Model: FIBERTEC 1023, SN: 91932280
 - Fibertec 1023 Filtration Unit, S/N: 91932280
 - Shaking water bath, S/N: 91932229
 - Shaking water bath, S/N: 91931294
4. BME20939, Semi-Automated Dietary Fiber Analysis System, Model: FIBRETEC 1023, SN: 91701800
 - Fibertec 1023 Filtration Unit, S/N: 91701800
 - GAST Pump Model: DOA-P504-BN, S/N: 1112032909
5. BME29405, Protein / Nitrogen Analyzer, Model: KJELTEC 8400, SN: 91888846
 - Kjelttec 8400 System, S/N: 91888846
 - Kjelttec 8420 Autosampler, S/N: 91889497
 - Digestor 2520 System, S/N: 91888097
 - Scrubber 2501 System, S/N: 91889504

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

- (i) inspection
- (ii) cleaning
- (iii) installation of PM kits, consumables and spare parts listed in spareparts list (from Lampiran A2, item 1 for BME20954, item 2 for BME20293, item 3 for BME29460, items 3 & 4 for BME20939, items 5 - 9 for BME29405)
- (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.

- 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	PM KITS SOXTEC 2055/50	7350	1
2	PM KITS SOXTEC 8000	54340	1
3	FOSS PM KITS FIBERTEC 1023	8011	2
4	PM KITS FOR DOA-P504-BN	K294	1
5	FOSS PM KIT, KT8400		1
6	FOSS PM KIT KT8420		1
7	Grinding head for Digestor		1
8	FOSS PM Kit, Scrubber		1
9	TEMPERATURE CUT-OUT DS20		1