

LAMPIRAN - A1

RUJ: BME/A2K/(1769)/2026/HTD (A20)

7/10/2026

ONE-OFF PREVENTIVE MAINTENANCE FOR LNI SWISSGAS GAS GENERATORS CONNECTED TO SHIMADZU GC-2030AF GAS CHROMATOGRAPHY-FLAME IONISATION DETECTOR (GCFID) BME20795 AT FOOD CHEMISTRY LABORATORY, DEPARTMENT OF SCIENTIFIC SERVICES.

SCOPE OF WORK

One-off preventive maintenance for the following gas generators which are accessories for BME20795 Shimadzu GC-2030AF GCFID at Food Chemistry Laboratory:

- 1) ZA generator Model: ZA-FID AIR C 3.0, S/N: 1219-0010-4220
- 2) Hydrogen generator Model: HG Basic 350, S/N: 0841-0025-0520

-Scope of work to follow equipment manual/recommendation specific for the models 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

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	SPAREPART	PART NUMBER	QUANTITY
1	Kit filters for ZA FID AIR C	6930.00.180	1
2	Service Kit #2 for ZA FID AIR C (Piston Compressor Kit)	3709.04.173	1
3	DI Filter	6930.00.091	2
4	N3 Refill for desiccant column	6930.00.093	2
5	Hydrogen Peroxide 3% (Disinfecting Solution)		1