

LAMPIRAN - A1

RUJ: BME/A2K/(1690)/2026/HTD (A20)

3/6/2026

ONE OFF PREVENTIVE MAINTENANCE SERVICES FOR ONE (1) UNIT OF ION CHROMATOGRAPHY SYSTEM (IC-ICP-MS), BRAND: THERMO SCIENTIFIC, MODEL: ICAP QC, S/N: 03482R, BME19918 AT FOOD CHEMISTRY LABORATORY, DEPARTMENT OF SCIENTIFIC SERVICES.

SCOPE OF WORK

One-off preventive maintenance service for one (1) unit of Thermo Scientific ICAP-QC IC-ICP-MS at Food Chemistry Laboratory, Department of Scientific Services, Serasa.

- Scope of work to follow manufacturer's preventive maintenance manual/recommendation specific for the respective instruments listed above, 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 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/(1690)/2026/HTD (A20)

ONE OFF PREVENTIVE MAINTENANCE SERVICES FOR ONE (1) UNIT OF ION CHROMATOGRAPHY SYSTEM (IC-ICP-MS), BRAND: THERMO SCIENTIFIC, MODEL: ICAP QC, S/N: 03482R, BME19918 AT FOOD CHEMISTRY LABORATORY, DEPARTMENT OF SCIENTIFIC SERVICES.

	SPAREPART	PART NUMBER	QUANTITY
1	Preventative Maint.Kit iCAP Qnova Series	6727	1 set
2	ICAP Q/Qnova Calibration Solution	23770	1 unit
3	ICAP Q/Qnova Tune Solution	23760	1 unit
4	ASSY, KIT, PM, HP ANALYTICAL PUMP, DP, SP	5970	1 unit
5	KIT, PM, AS-AP	5000	1 unit
6	KIT, REBUILD, VLV, 6-PORT, 6K	5973	1 unit
7	SAMPLE CONE 4450	3600812	1 unit
8	Skimmer Cone Insert 3.5	1318480	1 unit
9	Skimmer ICAP Q/Qnova Ni for Insert	1311870	1 unit
10	PFA-ST Nebulizer	1317090	1 unit