

Rujukan Kami: (87) MOH/HQ/P/IKLAN-SH/2025

LAMPIRAN 1

BIL	Quotation Reference	Description	Advertisement Date	Closing Date (Not Later Than 09.00AM)	Quotation Fee	Requesting Department
1	BME/A2K/(1417)/2025/HTD (A20)	ONE-OFF PREVENTIVE MAINTENANCE SERVICE FOR ONE (1) UNIT OF ION CHROMATOGRAPHY SYSTEM BRAND: THERMO SCIENTIFIC, MODEL: ICAP-QC, S/N: 03482R, BME19918 AT FOOD CHEMISTRY SECTION, DEPARTMENT OF SCIENTIFIC SERVICES.	11/06/2025	05/07/2025	\$5.00	JABATAN TEKNOLOGI PENJAGAAN KESIHATAN, KEMENTERIAN KESIHATAN

# LAMPIRAN - A1

RUJ: BME/A2K/(1417)/2025/HTD (A20)

2/6/2025

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

## SCOPE OF WORK

One-off preventive maintenance services for one (1) unit of BME19918 Thermo Scientific ICAP-QC ion chromatography (IC-ICP-MS) system at Food Chemistry Section, Department of Scientific Services, Serasa Branch.

The equipment consist of the following modules:

- Dionex ICS-5000 SP-5, S/N: 15081056
- Dionex ICS-5000 TC, S/N: 15062010
- Dionex AS-AP, S/N: 15081058
- ICAP - QC, S/N: 03482R

Scope of work inclusive of but not limited to:

- Scope of work to follow preventive maintenance manual/recommendation specific for this 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 replaced spare parts/pm kits, unless otherwise instructed.

- Unused spare parts/pm kits are to be kept by user on site.

- 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/(1417)/2025/HTD (A20)

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

	SPAREPART	PART NUMBER	QUANTITY
1	Preventive Maintenance 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 LC Nebulizer	1162030	1 unit