

BIL	Quotation Reference	Description	Advertisement Date	Closing Date (Not Later Than 02.00PM)	Quotation Fee	Requesting Department	Specification
7	BME/A2K/(1188)/2023/HTD(A20)	<p><b>ONE OFF PREVENTIVE MAINTENANCE FOR ONE (1) UNIT OF ION CHROMATOGRAPHY (IC) SYSTEM, BRAND: THERMO SCIENTIFIC DIONEX, MODEL: ICS 3000, S/N:09010195, BME6927, AT FOOD CHEMISTRY SECTION, DEPARTMENT SCIENTIFIC SERVICES</b></p> <p>PLACE OF SUBMISSION:            QUOTATION BOX (GROUND FLOOR)            MINISTRY OF HEALTH            COMMONWEALTH DRIVE            BANDAR SERI BEGAWAN, BB 3910            NEGARA BRUNEI DARUSSALAM</p>	29/11/2023	23/12/2023	\$5.00	JABATAN TEKNOLOGI PENJAGAAN KESIHATAN, KEMENTERIAN KESIHATAN.	ZAENUL 'ARIFIEN BIN DATO PADUKA HAJI MOHD ROSLI  JURUTERA PERUBATAN HAYAT  TEL: 2382424 ext. 6122 / 6232

# LAMPIRAN - A1

RUJ: BME/A2K/(1188)/2023/HTD (A20)

21/11/2023

**ONE OFF PREVENTIVE MAINTENANCE FOR ONE (1) UNIT OF ION CHROMATOGRAPHY (IC) SYSTEM, BRAND: THERMO SCIENTIFIC DIONEX, MODEL: ICS 3000, S/N: 09010195, BME6927, AT FOOD CHEMISTRY SECTION, DEPARTMENT SCIENTIFIC SERVICES**

## SCOPE OF WORK

One-off preventive maintenance for one (1) unit of Ion Chromatography (IC) system, Brand: Thermo Scientific Dionex Model: ICS 3000, S/N: 09010195, BME6927, at Food Chemistry Section, Department of Scientific Services. Scope of work inclusive but not limited to:

- Preventive maintenance for the complete system, where the components of the system include:

- (i) ICS3000DP (S/N: 09010195)
- (ii) ICS3000EG (S/N: 09010200)
- (iii) ICS3000DC (S/N: 09010373)
- (iv) AXP PUMP (S/N: A0028673 & A0028676)
- (v) AS-AP (S/N: 14091043)

- Scope of work on the IC system to follow Thermo Scientific Dionex preventive maintenance 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 (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 IC system is to be carried out by engineer(s) authorised in providing maintenance to Thermo Scientific Ion Chromatography systems.

- Vendor(s) to submit maintenance checklist specific for Thermo Scientific Dionex ICS 3000 systems 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/(1188)/2023/HTD (A20)

ONE OFF PREVENTIVE MAINTENANCE FOR ONE (1) UNIT OF ION CHROMATOGRAPHY (IC) SYSTEM, BRAND: THERMO SCIENTIFIC DIONEX, MODEL: ICS 3000, S/N: 09010195, BME6927, AT FOOD CHEMISTRY SECTION, DEPARTMENT SCIENTIFIC SERVICES

NO	SPAREPART	PART NUMBER	QUANTITY
1	DP Preventive Maintenance Kit	91794	2
2	DC/TC Preventive Maintenance Kit	75974	2
3	AM Manager 10 Port Valve	AAA-061759	2
4	Piston Seal Kit, 10ml	61041	2
5	Backpressure loop	61491	2
6	Inlet filter, 20 micron	61042	2
7	Replacement Filter Elements for 061042, pkg	61043	2
8	AS-AP PM Kit	75000	1
9	EGCIII KOH Potassium Hydroxide Eluent Generator Cartridge	74532	1
10	PROD, Col, IP, AG18, 4 x 50mm	60551	1
11	PROD, Col, IP, AS18, 4 x 250mm	60549	1
12	Sample Syringe, 5ml, AS-AP	74308	1
13	Kit, Rebuild, VLV, 6-port for AS-AP	75973	1
14	Drain pump Cartridge for AS-AP	75013	1