

BIL	Quotation Reference	Description	Advertisement Date	Closing Date (Not Later Than 02.00PM)	Quotation Fee	Requesting Department	Focal Person
3	BME/A2K/(1182)/2023/HTD(A20)	<p>REPAIR AND ONE-OFF PREVENTIVE MAINTENANCE SERVICES FOR ONE (1) UNIT OF MERCURY ANALYZER, BRAND: NIPPON INSTRUMENTS, MODEL: MA-3000, S/N: 12740127, BME9917 FOR ENVIRONMENT SECTION, DEPARTMENT OF SCIENTIFIC SERVICES (W/O: 2023-1692)</p> <p><u>PLACE OF SUBMISSION:</u> 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/(1182)/2023/HTD (A20)

8/11/2023

REPAIR AND ONE-OFF PREVENTIVE MAINTENANCE SERVICES FOR ONE (1) UNIT OF MERCURY ANALYZER, BRAND: NIPPON INSTRUMENTS, MODEL: MA-3000, S/N: 12740127, BME9917 FOR ENVIRONMENT SECTION, DEPARTMENT OF SCIENTIFIC SERVICES (W/O: 2023-1692)

SCOPE OF WORK

Repair and one off preventive maintenance service for one (1) unit of mercury analyzer, Brand: Nippon Instruments, Model: MA-3000, S/N: 12740127, BME9917, at Environment Section, Department of Scientific Services, Commonwealth Drive.

- Repair by replacement of identified spare parts listed in spareparts list (Item 1 - 3 from lampiran A2).

- One-off preventive maintenance services following Nippon Instruments preventive maintenance manual/recommendation specific for this system which include the following where necessary:

- (i) inspection
- (ii) cleaning
- (iii) installation of items listed in spareparts list (lampiran A2)
- (iv) alignment
- (v) calibration
- (vi) software update
- (vii) any other related 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 Nippon Instruments mercury analyzer.

- Vendor(s) to submit maintenance checklist specific for Nippon Instruments MA-3000 mercury analyzer 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/(1182)/2023/HTD (A20)

REPAIR AND ONE-OFF PREVENTIVE MAINTENANCE SERVICES FOR ONE (1) UNIT OF MERCURY ANALYZER, BRAND: NIPPON INSTRUMENTS, MODEL: MA-3000, S/N: 12740127, BME9917 FOR ENVIRONMENT SECTION, DEPARTMENT OF SCIENTIFIC SERVICES (W/O: 2023-1692)

NO	SPAREPART	PART NUMBER	QUANTITY
1	Solienoid Valve, V3 with joints	S1106-0612	1
2	Cell unit (Long 200mm)	S1106-0202	1
3	Cell unit (Short 1mm)	S1106-0201	1
4	Sample Heating Tube (Normal)	W139-1360	1
5	O-Ring for Inlet Mount	NC0000397	1
6	O-Ring for inlet Axis, P-024	VLQ-P-24-F	1
7	Mercury Collector Tube, T-65	S1037-0907	1
8	PTFE Teflon Tube 2x3ø,1m	S1037-0202	1
9	PTFE Teflon Tube 2x4ø,1m	S1037-0203	1
10	Activated Carbon Filter Unit, with carbon &	S1063.0510	1
11	Activated Carbon, 250g per btl	KAN-01084-12	1
12	Teflon Joint Set, 4 kinds		1
13	Teflon Union for Poker Gas Inlet		1
14	TYGON Tubing for Dehumidifier		1