

| BIL | Quotation Reference | Description | Advertisement Date | Closing Date (Not Later Than 2.00PM) | Quotation Fee | Requesting Department | FOCAL PERSON |
|-----|----------------------------|---|--------------------|---|---------------|--|---|
| 4 | BME/A2K/(925/2022/HTD(A20) | <p>ONE OFF PREVENTIVE MAINTENANCE FOR ONE (1) UNIT OF GERHATRD T KJELDAHL PROTEIN ANALYZER SYSTEM, BME20942, AT FOOD CHEMISTRY SECTION, DEPARTMENT OF SCIENTIFIC SERVICES</p> <p>PLACE OF SUBMISSION: QUOTATION BOX (GROUND FLOOR) MINISTRY OF HEALTH COMMONWEALTH DRIVE BANDAR SERI BEGAWAN, BB 3910 NEGARA BRUNEI DARUSSALAM</p> | 12/11/2022 | 26/11/2022 | \$5.00 | JABATAN TEKNOLOGI PENJAGAAN, KESIHATAN, KEMENTERIAN KESIHATAN. | <p>ZAENUL 'ARIFIEN BIN DATO PADUKA HAJI ROSLI</p> <p>JURUTERA PERUBATAN HAYAT</p> <p>Tel: 2382424</p> <p>Ext: 6122 / 6232</p> |

LAMPIRAN - A1

RUJ: BME/A2K/(925)/2022/HTD (A20)

3/11/2022

ONE OFF PREVENTIVE MAINTENANCE FOR ONE (1) UNIT OF GERHARDT KJELDAHL PROTEIN ANALYZER SYSTEM, BME20942, AT FOOD CHEMISTRY SECTION, DEPARTMENT OF SCIENTIFIC SERVICES

SCOPE OF WORK

One-off preventive maintenance services for one (1) unit of Kjeldahl Protein Analyzer System, Brand: Gerhardt, BME20942, at Food Chemistry Section, Department of Scientific Services, Berakas Branch, inclusive of but not limited to:

The system includes the following instruments:

1. Distillation system, Model: Vapodest 50s, S/N: 7358120068
2. Digestion system, Model: KB 20s, S/N: 7020120059
3. Turbosog, Model: TUR , Serial No.: 63001200100

- 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 on the system is to be carried out by engineer(s) authorised in providing maintenance to Gerhardt Kjeldahl Protein Analyzer systems.

- Vendor(s) to submit maintenance checklist/details/scope specific for Gerhardt Vapodest 50s and KB20 with TUR along with other necessary documents to join this tender.

LAMPIRAN - A2

RUJ: BME/A2K/(925)/2022/HTD (A20)

ONE OFF PREVENTIVE MAINTENANCE FOR ONE (1) UNIT OF GERHARDT KJELDAHL PROTEIN ANALYZER SYSTEM, BME20942, AT FOOD CHEMISTRY SECTION, DEPARTMENT OF SCIENTIFIC SERVICES

| NO | SPAREPART | PART NUMBER | QUANTITY |
|----|---------------------------------------|-------------|----------|
| 1 | Novoprene tubing | 1002289 | 1 ea |
| 2 | Safety valve SKT* Fissler | 1002842 | 1 ea |
| 3 | Screw cap GL32 and seal GL32 | 1004322 | 1 set |
| 4 | Screw cap GL18 and seal GL18 | 1004321 | 2 sets |
| 5 | Viton cone | 12-0351 | 1 ea |
| 6 | NaOH non-return valve | 1006734 | 1 ea |
| 7 | Tubing for NaOH, 2 meters | 1000047 | 2 ea |
| 8 | Tubing for H3BO3/H2O, 2 meters | 1000500 | 2 ea |
| 9 | Tubing for waste, 2 meters | 1000499 | 1 ea |
| 10 | Combined electrode VAP 50s/c, VAP 500 | 12-0555 | 1 ea |
| 11 | Fiber wires | 1090011 | 1 set |
| 12 | Connectors | 1090032 | 1 set |
| 13 | Overcurrent Circuit Breaker 12.0 A | 1001359 | 1 ea |
| 14 | Turbosog, O-Ring Seal | 1000602 | 1 ea |