

LAMPIRAN - A1

RUJ: BME/A2K/(1714)/2026/HTD (A12)

7/16/2

THE PROVISION OF MAINTENANCE SERVICES FOR INSTRAMED DEFIBRILLATORS IN MINISTRY OF HEALTH FOR ONE (1) YEAR

SCOPE OF WORK

To conduct 2X PPM for the following Instramed Cardiomax defibrillators:-

- 1) BME18606, S/N: 30514 CM 4839 at Qashr Al Meezan Clinic
- 2) BME8353, S/N: 11113 CM 3238 at PIHM Hospital
- 3) BME8354, S/N: 11115 CM 3240 at PIHM Hospital
- 4) BME18121, S/N: 30512 CM 4837 at PIHM Hospital
- 5) BME14052, S/N: 20617 CM 3817 at RIPAS Hospital
- 6) BME12905, S/N: 30509 CM 4834 at RIPAS Hospital
- 7) BME12906, S/N: 30510 CM 4835 at RIPAS Hospital
- 8) BME8703, S/N: 11106 CM 3231 at SSB Hospital
- 9) BME8698, S/N: 11107 CM 3232 at SSB Hospital
- 10) BME8707, S/N: 11108 CM 3233 at SSB Hospital
- 11) BME8705, S/N: 11109 CM 3234 at SSB Hospital
- 12) BME8706, S/N: 11110 CM 3235 at SSB Hospital
- 13) BME8701, S/N: 11111 CM 3236 at SSB Hospital
- 14) BME8702, S/N: 11112 CM 3237 at SSB Hospital
- 15) BME8704, S/N: 11114 CM 3239 at SSB Hospital
- 16) BME8700, S/N: 11116 CM 3241 at SSB Hospital
- 17) BME8699, S/N: 11105 CM 3230 at SSB Hospital
- 18) BME9769, S/N: 30108 CM 4558 at SSB Hospital
- 19) BME9770, S/N: 30109 CM 4559 at SSB Hospital
- 20) BME9771, S/N: 30110 CM 4560 at SSB Hospital
- 21) BME9772, S/N: 30111 CM 4561 at SSB Hospital
- 22) BME9773, S/N: 30112 CM 4562 at SSB Hospital
- 23) BME9704, S/N: 30115 CM 4565 at Berakas Health Centre
- 24) BME8355, S/N: 11104 CM 3229 at Gadong Health Centre
- 25) BME9706, S/N: 30117 CM 4567 at Gadong Health Centre
- 26) BME9968, S/N: 30511 CM 4836 at RIPAS Hospital
- 27) BME9703, S/N: 30114 CM 4564 at Sg Asam Health Centre
- 28) BME9702, S/N: 30113 CM 4563 at SSB Hospital

Scope of work:

- To perform PPM 2x a year, according to manufacturer recommended checklist (to include in tender submission).
- Unlimited break down calls during the one (1) year period
- Inspect the defibrillator and all accessories for any sign of damage, cracks, improper mechanical function of keypad, switches, connectors and printer door.
- Inspect for damage, cracks, cuts, abrasions, extreme wear, exposed wires or bent connectors.
- Perform all functional verification procedure tests such as defib, ECG and SpO2
- Perform safety tests, leakage current, safety check, ECG leakage current test by safety analyser.
- Perform NIBP leak test by NIBP tester
- Perform defib and pacer calibration through service diagnosis mode
- Check the battery functionality, if required recommend to replace the battery
- Inspect the integrity of power supply system and power cables
- Inspect the printer operation and roller movement
- Inspect safety labels for legibility
- Inspect the side panels fuse for compliance to specific rating
- Verify the visual and acoustic alarms are functioning okay
- Perform user verification test
- Apply preventive maintenance sticker/tag after successful service.
- Testing equipment and analysers used during maintenance must be calibrated and within its certified period. Copies of appropriate certification documents must be submitted prior to maintenance work.