

TENDER REFERENCE NO.: KK/138/2026/HTD

**MINISTRY OF HEALTH
NEGARA BRUNEI DARUSSALAM**

**SUPPLY, DELIVERY, INSTALLATION, TESTING AND
COMMISSIONING OF TWO (2) UNITS OF DEFIBRILLATOR
FOR EMERGENCY MEDICAL AMBULANCE SERVICE
(EMAS) MINISTRY OF HEALTH**

TENDER FEES : \$10.00

RECEIPT NO. :

CLOSING DATE : ON TUESDAY, 28th July 2026

TIME : 2.00 PM

FOA :

**THE CHAIRMAN
MINI TENDER BOARD, TENDER BOX
GROUND FLOOR, MINISTRY OF HEALTH
COMMONWEALTH DRIVE
BANDAR SERI BEGAWAN BB3910
NEGARA BRUNEI DARUSSALAM**

(CLUSTERING)

SECTION 2

SPECIFICATIONS AND REQUIREMENTS

TENDER REFERENCE NO: KK/138/2026/HTD

INVITATION TO TENDER

SUPPLY, DELIVERY, INSTALLATION, TESTING AND COMMISSIONING OF TWO (2) UNITS OF DEFIBRILLATOR FOR EMERGENCY MEDICAL AMBULANCE SERVICE (EMAS) MINISTRY OF HEALTH

SECTION 1 – EQUIPMENT SPECIFICATION	
	2 units for EMAS 1 unit for Istana Nurul Izzah Clinic
1	Defibrillator
1.1	Cardiac defibrillator with Pacing
1.2	Suitable for Adult, Paediatric and neonate
1.3	Operating Mode: Manual, Automated External Defibrillation, Pacing and Monitoring
1.4	Parameters: ECG, SpO2, CO2, NIBP and Temperature
1.5	At least 9-inch colour panel display
1.6	Capable to do Self-test
2	Defibrillator with Biphasic Wave Technology and Automatic External Defibrillator (AED)
2.1	Mode: Manual and AED
2.2	Energy Select from 2J Up to 360J
2.3	AED mode configurable for adult and paediatric
2.4	AED mode monitors ECG, SPO2, CO2, NIBP, CPR Feedback
2.5	AED mode includes voice guide as standard
3	External pacemaker
3.1	Pacing mode can be on demand or fixed.
4	ECG Monitor & Printer
4.1	3 Leads ECG, 5 Leads ECG and 12 leads ECG with selectable leads.
4.2	With ST/QT monitoring
4.3	Capable to identify Arrhythmia
4.4	With alarm function
4.5	Lightweight: less than 5kg including battery
4.6	Inclusive of CPR assist with either disposable pads device for CPR feedback on chest compression depth and frequency.

SECTION 1 – EQUIPMENT SPECIFICATION	
	[Tenderer to specify price of individual pads or device which provides CPR assist]
5	Point-of-care ultrasound capable
5.1	Suitable for heart, lung and abdominal examination. [The tenderer must ensure that the software for the ultrasound function is readily installed, and the license is fully activated]
5.2	Complete with ultrasound probe suitable for heart, lung, abdominal examination
5.3	Capable to provide correct patient position and probe placement guide
6	Data communication
6.1	Wi-fi capable and enabled. 3G/4G/5G capable and enabled.
6.2	Should include a dedicated SIM card slot integral to the defibrillator housing (not as a dongle or attachment)
6.3	Data can be exported to a PC through a USB flash memory
6.4	Transmits real-time telemetry and 12-lead ECGs and connects to the existing Central Monitoring System in the Coronary Care Unit, RIPAS Hospital. Tenderer must include all connectivity costs, equipment and any licenses required for this connection for the warranty period of the device. The connection should meet existing EGNC requirements on encryption and data security.
6.5	Minimum requirement for machines to transfer data: ▪ HL7 enabled Message Format / Output ▪ RS 232 with data communication ▪ Ethernet Port – RJ 45
7	ACCESSORIES/CONSUMABLES (FOR EACH UNIT OF DEFIBRILLATOR MONITOR) Inclusive of all the accessories for the machine to be fully functional, including but not limited to:
7.1	Power & Battery
	▪ 1 set Rechargeable batteries which; ✓ Allow 6 hours of monitoring ✓ Allow 4 hours of pacing
	▪ 1 set Built-in battery charger and AC power adapter
7.2	Defibrillation & Monitoring
	▪ 1 pc adult paddles
	▪ 1 pc Pediatric paddles
	▪ 2 sets of AED disposable pads with adapter/cable each for Adult, paediatric and neonate
7.3	ECG Functionality
	▪ 1 set 3/5/12 Lead ECG + ECG cable (or equivalent)
7.4	Blood Pressure Monitoring (NIBP)
	▪ 1 pc adult medium-size cuff + hose
	▪ 1 pc Adult large-size cuff + hose
	▪ 1 pc Pediatric/child size cuff + hose

SECTION 1 – EQUIPMENT SPECIFICATION	
	1 pc Neonate size cuff + hose
7.5	Oxygen Saturation (SpO2) Monitoring
	1 pc Reusable adult SpO2 sensor
	1pc Reusable paediatric/child SpO2 sensor
	1 pc Reusable neonate SpO2 sensor
7.6	CO2 Monitoring
	2 pcs Microstream Adult Nasal CO2 Filter Line with O2 Tubing at least 2m
	2 pcs Microstream Pediatric Oral-Nasal CO2 Filter Line with O2 Tubing at least 2m
	1 pc CO2 adapter
7.7	Other accessories
	1 box of Printing paper for printing result and self-test result
	Bag designed for the defibrillator including strap

* In your quotation/tender document, please breakdown/itemized the price for each accessories/consumables

3	END-USER TRAINING
3.1	Conduct user training to the all-end users by an application specialist or competent local engineer including but not limited to: ▪ Basic user operation, user troubleshooting and user maintenance ▪ Provide Operating manual (Hardcopy and/or Softcopy)
3.2	Tenderer must prepare a training attendance or proof of training done to end user during commissioning and the refresher course (6) months after commissioning.

4	TECHNICAL TRAINING
4.1	Introductory Technical Training to Biomedical Engineers and Technicians at BME Office by competent Tenderer's Engineer/Technicians that includes but not limited to: ▪ Troubleshooting and basic corrective maintenance ▪ Handling and basic inspection maintenance *(Two sessions/groups if required)

5	WARRANTY
5.1	Tenderer to include warranty period of at least two (2) years
5.2	Tenderers to ACKNOWLEDGE the Warranty Undertaking Form in Section 4 stating the terms of warranty provided for the equipment in the tender for the period of two years. This includes but not limited to: ▪ Scope of Warranty ▪ Planned Preventive Maintenance during warranty (one of which includes battery replacement at the end of warranty period).

SECTION 2 – PRICE PROPOSAL	
PURCHASE PRICE	PER UNIT
	TOTAL

SECTION 3 - PROCUREMENT AND TECHNICAL SPECIFICATION	
BRAND:	MODEL:
COUNTRY OF ORIGIN:	YEAR INTRODUCED TO MARKET:
WARRANTY PERIOD:	LAST COUNTRY SOLD TO:
PRICE VALIDITY: [AT LEAST <u>ONE (1) YEAR</u> PRICE VALIDITY]	DELIVERY TIME:

SECTION 3 - PROCUREMENT AND TECHNICAL SPECIFICATION
AUTHORIZED DISTRIBUTOR: (AUTHORIZED DISTRIBUTOR LETTER ATTACHED)
DETAILED BROCHURE INCLUDED
USER AND SERVICE MANUALS:
MAINS POWER SUPPLY:
BATTERY
POWER ADAPTER/CHARGER OUTPUT RATING:
EQUIPMENT AMBIENT OPERATING TEMPERATURE RANGE:
INTERNATIONAL SAFETY STANDARD Must comply to at least 1 safety Standards and certification (Please attached the copy of stated standards and certifications)
NUMBER OF TECHNICAL SUPPORT (ENGINEER/TECHNICIAN) Please provide training or certification for locals who is trained/certified
DIMENSIONS AND WEIGHT OF MAIN UNIT:
EQUIPMENT WHOLE LIFE TIME SUPPORT:

SECTION 4 – WARRANTY UNDERTAKING FORM

Tenderer, on behalf of the manufacturer, acknowledged and agrees that when equipment is under the warranty period, must cover the scope of normal warranty below at no additional cost:

NORMAL WARRANTY

- Warrants the supplied medical equipment and its accessories to be in good condition, in working order and free from defects to the extent such equipment do not comply with specifications, under normal use for the warranty period. The scope of warranty covers to its maximum extent permitted by applicable law.
- During warranty, tenderer must rectify issues arise from any mechanical, technical or software faulty as soon as it is reported.
- **Exchange warranty;** Providing replacement units:
 - A. Warranty against defects – Manufacturing defects or Equipment malfunction resulted from mechanical, electrical or software failure during Commissioning or within the first _____ months of use
 - B. Faulty workmanship or unsatisfactory condition during delivery or commissioning
 - C. If a unit or accessory is deemed used item or refurbished item (not a new unit) by the user and BME Unit.
- **Two time Planned Preventive Maintenance (PPM) PER YEAR** according to Manufacturer's Preventive Maintenance Guideline and to include one-time replacements of battery at the end of 2 years warranty period or any other relevant parts to prolong equipment lifespan.

EXCLUSION FROM WARRANTY

MOH understand that the following circumstances are not covered in the warranty and Tenderer may quote for repair and subject to MOH approval:

- Unauthorized modifications - an alteration or repair by anyone other than the Manufacturer or Authorized agent during warranty period.
- Accidental damage or problems caused by negligence or mishandling, subject to appropriate justification by both parties.
- Vandalism and Natural disasters
- Normal wear and tear

ANY OTHER EXCLUSION

Tenderer may propose below to include items or terms which is not listed in the exclusion list above for MOH consideration.

	TERMS AND CONDITIONS
1	Tenderer must be registered with the Ministry of Health.
2	TENDER FORM should be filled completely including the USER REQUIREMENT FORM (if available). Submission of incomplete form <u>MAY</u> cause DISQUALIFICATION OF TENDER .
3	Each tenderer is allowed to quote ONE BRAND WITH ONE PRICE ONLY for each item. Submission of more than one brand and price will cause DISQUALIFICATION OF TENDER .
4	All consumables supplied throughout this tender <u>shall</u> have a minimum expiry date of twelve (12) months / on delivery (if applicable). Should the consumables be urgently needed, provision of consumables with expiry date of less than twelve (12) months should be first agreed by the User before delivery is made (if applicable).
5	Brochures / catalogues should be submitted / attached with tender document.
6	Any room renovation which may be required, it is mandatory to conduct site visit (if applicable)
7	Samples should be submitted together with tender or within fourteen (14 days) of the tender closing dates (if applicable).
8	DELIVERY PERIOD: (Please state) Not More Than 90 days upon confirmation
9	PRICE VALIDITY: The quotation shall remain valid for 12 MONTHS from the final date for the submission of the quotation and no supplier may withdraw his/her quotation within that period. The Government reserves the right to extend this period if deemed necessary provided that such extension to the quotation validity period shall have written consent of the supplier(s).
10	The equipment supplied must be newly manufactured, unused, and in its original, sealed packaging. The equipment must not be previously owned, refurbished, or reconditioned in any form. The vendor is required to provide proof of manufacture date confirming the equipment is new .

SECTION 3
TENDER FORM

To:

TENDER REFERENCE NO: KK/138/2026/HTD

INVITATION TO TENDER
SUPPLY, DELIVERY, INSTALLATION, TESTING AND COMISSIONING OF TWO (2) UNITS OF
DEFIBRILLATOR FOR EMERGENCY MEDICAL AMBULANCE SERVICE (EMAS) MINISTRY OF
HEALTH

TENDER OF (*name of tenderer*) : _____

Company/Business Registration No. : _____

Tender Closing Date : _____

SECTION 1 – EQUIPMENT SPECIFICATION				
Please ☒ Tick where appropriate		Yes	No	Remarks
	2 units for EMAS 1 unit for Istana Nurul Izzah Clinic			
1	Defibrillator			
1.1	Cardiac defibrillator with Pacing			
1.2	Suitable for Adult, Paediatric and neonate			
1.3	Operating Mode: Manual, Automated External Defibrillation, Pacing and Monitoring			
1.4	Parameters: ECG, SpO2, CO2, NIBP and Temperature			
1.5	At least 9-inch colour panel display			
1.6	Capable to do Self-test			
2	Defibrillator with Biphasic Wave Technology and Automatic External Defibrillator (AED)			
2.1	Mode: Manual and AED			
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2.3	AED mode configurable for adult and paediatric			
2.4	AED mode monitors ECG, SPO2, CO2, NIBP, CPR Feedback			
2.5	AED mode includes voice guide as standard			
3	External pacemaker			
3.1	Pacing mode can be on demand or fixed.			
4	ECG Monitor & Printer			

SECTION 1 – EQUIPMENT SPECIFICATION				
Please ☒ Tick where appropriate		Yes	No	Remarks
4.1	3 Leads ECG, 5 Leads ECG and 12 leads ECG with selectable leads.			
4.2	With ST/QT monitoring			
4.3	Capable to identify Arrhythmia			
4.4	With alarm function			
4.5	Lightweight: less than 5kg including battery			
4.6	Inclusive of CPR assist with either disposable pads device for CPR feedback on chest compression depth and frequency. [Tenderer to specify price of individual pads or device which provides CPR assist]			
5	Point-of-care ultrasound capable			
5.1	Suitable for heart, lung and abdominal examination. [The tenderer must ensure that the software for the ultrasound function is readily installed, and the license is fully activated]			
5.2	Complete with ultrasound probe suitable for heart, lung, abdominal examination			
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6	Data communication			
6.1	Wi-fi capable and enabled. 3G/4G/5G capable and enabled.			
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7.1	Power & Battery			
	▪ 1 set Rechargeable batteries which; ✓ Allow 6 hours of monitoring ✓ Allow 4 hours of pacing			
	▪ 1 set Built-in battery charger and AC power adapter			

SECTION 1 – EQUIPMENT SPECIFICATION				
Please ☒ Tick where appropriate		Yes	No	Remarks
7.2	Defibrillation & Monitoring			
	▪ 1 pc adult paddles			
	▪ 1 pc Pediatric paddles			
	▪ 2 sets of AED disposable pads with adapter/cable each for Adult, paediatric and neonate			
7.3	ECG Functionality			
	▪ 1 set 3/5/12 Lead ECG + ECG cable (or equivalent)			
7.4	Blood Pressure Monitoring (NIBP)			
	▪ 1 pc adult medium-size cuff + hose			
	▪ 1 pc Adult large-size cuff + hose			
	▪ 1 pc Pediatric/child size cuff + hose			
	▪ 1 pc Neonate size cuff + hose			
7.5	Oxygen Saturation (SpO2) Monitoring			
	▪ 1 pc Reusable adult SpO2 sensor			
	▪ 1pc Reusable paediatric/child SpO2 sensor			
	▪ 1 pc Reusable neonate SpO2 sensor			
7.6	CO2 Monitoring			
	▪ 2 pcs Microstream Adult Nasal CO2 Filter Line with O2 Tubing at least 2m			
	▪ 2 pcs Microstream Pediatric Oral-Nasal CO2 Filter Line with O2 Tubing at least 2m			
	▪ 1 pc CO2 adapter			
7.7	Other accessories			
	▪ 1 box of Printing paper for printing result and self-test result			
	▪ Bag designed for the defibrillator including strap			

* In your quotation/tender document, please breakdown/itemized the price for each accessories/ consumables

3	END-USER TRAINING			
Please ☒ Tick where appropriate		Yes	No	Remarks
3.1	Conduct user training to the all-end users by an application specialist or competent local engineer including but not limited to: - Basic user operation, user troubleshooting and user maintenance - Provide Operating manual (Hardcopy and/or Softcopy)			
3.2	Tenderer must prepare a training attendance or proof of training done to end user during commissioning and the refresher course (6) months after commissioning.			

4	TECHNICAL TRAINING			
Please ☒ Tick where appropriate		Yes	No	Remarks
4.1	Introductory Technical Training to Biomedical Engineers and Technicians at BME Office by competent Tenderer's Engineer/Technicians that includes but not limited to: - Troubleshooting and basic corrective maintenance - Handling and basic inspection maintenance *(Two sessions/groups if required)			

5	WARRANTY			
Please ☒ Tick where appropriate		Yes	No	Remarks
5.1	Tenderer to include warranty period of at least two (2) years			
5.2	Tenderers to ACKNOWLEDGE the Warranty Undertaking Form in Section 4 stating the terms of warranty provided for the equipment in the tender for the period of two years. This includes but not limited to: - Scope of Warranty - Planned Preventive Maintenance during warranty (one of which includes battery replacement at the end of warranty period).			

SECTION 2 – PRICE PROPOSAL		
PURCHASE PRICE	PER UNIT	BND\$
	TOTAL	BND\$

SECTION 3 - PROCUREMENT AND TECHNICAL SPECIFICATION			
BRAND:		MODEL:	
COUNTRY OF ORIGIN:		YEAR INTRODUCED TO MARKET:	
WARRANTY PERIOD:		LAST COUNTRY SOLD TO:	
PRICE VALIDITY: [AT LEAST <u>ONE (1) YEAR</u> PRICE VALIDTY]		DELIVERY TIME:	

SECTION 3 - PROCUREMENT AND TECHNICAL SPECIFICATION						
AUTHORIZED DISTRIBUTOR: (AUTHORIZED DISTRIBUTOR LETTER ATTACHED)	APPOINTED BRUNEI DISTRIBUTOR					
		PROCURE FROM OVERSEA AUTHORIZED DISTRIBUTOR	COMPANY NAME:			
			COMPANY ORIGIN:			
DETAILED BROCHURE INCLUDED		YES		NO	☒ or specify where appropriate	
USER AND SERVICE MANUALS:		YES		NO	Tenderers to acknowledge that they must provide at least TWO sets of USER AND SERVICE manuals when applying commissioning form. One Set for End User, One Set for BME. (Please provide hardcopy or softcopy)	
MAINS POWER SUPPLY:		220V-240V		OTHERS:		
		50-60HZ		OTHERS:		
BATTERY		RECHARGEABLE			SINGLE-USE	REPLACEABLE
		OTHERS:				
	TYPE OF BATTERY:					
	RATING:					
POWER ADAPTER/CHARGER OUTPUT RATING:						
EQUIPMENT AMBIENT OPERATING TEMPERATURE RANGE:						
INTERNATIONAL SAFETY STANDARD Must comply to at least 1 safety Standards and certification (Please attached the copy of stated standards and certifications)				☒ Tick where appropriate ☐ US FDA Standard, ☐ European Union CE MARK, ☐ Australian TGA Standard, ☐ Canadian CSA Standard or ☐ Japanese JIS Standard. Others (Please specify): _____		
NUMBER OF TECHNICAL SUPPORT (ENGINEER/TECHNICIAN) Please provide training or certification for locals who is trained/certified	LOCAL			☐ Trained / Certified ☐ Not yet trained on the product		
	OVERSEA (SPECIFY LOCATION)		NEAREST LOCATION:			
DIMENSIONS AND WEIGHT OF MAIN UNIT:		☐ mm ☐ cm ☐ inch		☐ Kilogram (Kg) ☐ Gram(g) ☐ Pound (lbs)		
EQUIPMENT WHOLE LIFE TIME SUPPORT:	The supplier shall ensure that spare parts for the equipment are available for a minimum of 10 years after installation, with the support period extending beyond the expected lifecycle of the equipment. No of years: _____ (Please specify)					

SECTION 4 – WARRANTY UNDERTAKING FORM

Tenderer, on behalf of the manufacturer, acknowledged and agrees that when equipment is under the warranty period, must cover the scope of normal warranty below at no additional cost:

NORMAL WARRANTY

- Warrants the supplied medical equipment and its accessories to be in good condition, in working order and free from defects to the extend such equipment do not comply with specifications, under normal use for the warranty period. The scope of warranty covers to its maximum extent permitted by applicable law.
- During warranty, tenderer must rectify issues arise from any mechanical, technical or software faulty as soon as it is reported.
- **Exchange warranty;** Providing replacement units:
 - A. Warranty against defects – Manufacturing defects or Equipment malfunction resulted from mechanical, electrical or software failure during Commissioning or within the first _____ months of use
 - B. Faulty workmanship or unsatisfactory condition during delivery or commissioning
 - C. If a unit or accessory is deemed used item or refurbished item (not a new unit) by the user and BME Unit.
- **Two time Planned Preventive Maintenance (PPM) PER YEAR** according to Manufacturer's Preventive Maintenance Guideline and to include one-time replacements of battery at the end of 2 years warranty period or any other relevant parts to prolong equipment lifespan.

EXCLUSION FROM WARRANTY

MOH understand that the following circumstances are not covered in the warranty and Tenderer may quote for repair and subject to MOH approval:

- Unauthorized modifications - an alteration or repair by anyone other than the Manufacturer or Authorized agent during warranty period.
- Accidental damage or problems caused by negligence or mishandling, subject to appropriate justification by both parties.
- Vandalism and Natural disasters
- Normal wear and tear

ANY OTHER EXCLUSION

Tenderer may propose below to include items or terms which is not listed in the exclusion list above for MOH consideration.

TENDERER ACKNOWLEDGMENT

COMPANY CHOP AND SIGNATURE

NO.	TERMS AND CONDITIONS	VENDOR'S OFFER (PLEASE STATE)
1	Tenderer must be registered with the Ministry of Health.	
2	TENDER FORM should be filled completely including the USER REQUIREMENT FORM (if available). Submission of incomplete form <u>MAY</u> cause DISQUALIFICATION OF TENDER.	
3	Each tenderer is allowed to quote ONE BRAND WITH ONE PRICE ONLY for each item. Submission of more than one brand and price will cause DISQUALIFICATION OF TENDER.	
4	All consumables supplied throughout this tender <u>shall</u> have a minimum expiry date of twelve (12) months / on delivery (if applicable). Should the consumables be urgently needed, provision of consumables with expiry date of less than twelve (12) months should be first agreed by the User before delivery is made (if applicable).	
5	Brochures / catalogues should be submitted / attached with tender document.	
6	Any room renovation which may be required, it is mandatory to conduct site visit (if applicable)	
7	Samples should be submitted together with tender or within fourteen (14 days) of the tender closing dates (if applicable).	
8	DELIVERY PERIOD: (Please state) Not More Than 90 days upon confirmation	
9	PRICE VALIDITY: The quotation shall remain valid for 12 MONTHS from the final date for the submission of the quotation and no supplier may withdraw his/her quotation within that period. The Government reserves the right to extend this period if deemed necessary provided that such extension to the quotation validity period shall have written consent of the supplier(s).	
10	The equipment supplied must be newly manufactured, unused, and in its original, sealed packaging. The equipment must not be previously owned, refurbished, or reconditioned in any form. The vendor is required to provide proof of manufacture date confirming the equipment is new.	

1. We offer and undertake on your acceptance of our Tender to provide the above mentioned services in accordance with your Invitation To Tender.
2. Our Tender is fully consistent with and does not contradict or derogate from anything in your Invitation To Tender. We have not qualified or changed any of the provisions of your Invitation To Tender.
3. OUR OFFER IS VALID FOR **TWELVE (12)** CALENDAR MONTHS FROM THE TENDER CLOSING DATE.
4. When requested by you, we shall extend the validity of this offer.
5. We further undertake to give you any further information which you may require.

Dated this _____ day of _____, _____

Signature of authorised officer of Tenderer

Name:

Designation:

Tenderer's official stamp