

**TENDER REFERENCE NO.: KK/09/2026/HTD**

**MINISTRY OF HEALTH  
NEGARA BRUNEI DARUSSALAM**

**SUPPLY, DLEIVERY, INSTALLATION, TESTING AND  
COMMISSIONING OF BEDSIDE MULTIPARAMETER  
MONITORS FOR MINISTRY OF HEALTH**

**TENDER FEES : \$500.00**

**RECEIPT NO. :**

**CLOSING DATE : ON TUESDAY, 03 MARCH 2026**

**TIME : 12.00 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 3**

**TENDER FORM**

**TENDER REFERENCE NO: KK/09/2026/HTD**

**INVITATION TO TENDER**

**SUPPLY, DELIVERY, INSTALLATION, TESTING AND COMMISSIONING OF BEDSIDE MULTIPARAMETER MONITORS FOR MINISTRY OF HEALTH**

SCOPE OF WORK						
Please <input checked="" type="checkbox"/> Tick where appropriate				Yes	No	Remarks
ITEM 1:	Supply <u>295 units</u> of <u>Bedside Multiparameter Monitors</u> for RIPASH, PMMPMHAMBH, SSBH AND PIHM					
ITEM 2:	Supply <u>61 units</u> of <u>Critical Care Bedside Multiparameter Monitors</u> for RIPASH AND PMMPMHAMBH					
ITEM 3:	Supply <u>16 units</u> of <u>Central Monitoring System</u> for RIPASH AND PMMPMHAMBH					
ITEM 4:	Supply <u>4 units</u> of <u>Working Station</u> for RIPASH AND PMMPMHAMBH					
<b>Summary of total numbers and distribution list are as follow:</b>						
	Bedside Multiparameter Monitor			Critical Care Bedside Multiparameter Monitor	Central Monitoring System	Working Station
Location	Wall Mounted	Trolley Mounted	Total Quantity	Total Quantity	Total Quantity	Total Quantity
RIPASH	97	8	105	59	12	2
PMMPMHAMBH	91	11	102	2	4	2
SSBH	27	35	62			
PIHM	8	18	26			
<b>Total Summary</b>	295			61	16	4

SECTION 1 – USER REQUIREMENTS				
ITEM 1: TWO HUNDRED AND NINETY-FIVE (295) UNITS OF BEDSIDE MULTIPARAMETER MONITORS				
Please <input checked="" type="checkbox"/> Tick where appropriate		Y	N	Remarks
1	<b>BEDSIDE MULTIPARAMETER MONITOR</b>			
1.1	<b>STANDARD FEATURES</b>			
1.1.1	Patient monitor with basic cardiac monitoring.			
1.1.2	Primary patient monitor display screen size: At least 15" or better.			
1.1.4	Monitor Display screen: Touchscreen.			
1.2	Capable to monitor vitals such as ECG, Blood Pressure, Oxygen Saturation, Temperature.			
1.2.1	<b>Vital parameter: ECG</b> – 3/5 lead ECG monitoring.			
1.2.2	<b>Vital parameter: Blood Pressure (BP)</b> - Non-invasive blood pressure (NIBP) capabilities.			
1.2.3	<b>Vital parameter: Oxygen Saturation</b> - Measure pulse and SpO2 (Technology: Nellcor).			
1.2.4	<b>Vital parameter: Temperature</b> – Measure body temperature with accuracy of YSI400 series standard or equivalent.			
1.2.5	<b>Vital parameter: Respiration</b> – Measure impedance.			
1.3	<b>Battery</b> – capable of running on rechargeable battery for at least 1 hour or better.			
1.4	Equipped with audible and visual indicator for alarms.			
1.5	Each monitor can be connected to a central monitoring system.			
1.6	<b>CONNECTIVITY</b>			
1.6.1	HL7 and central monitoring capable and activated.			
1.6.2	Can connect wirelessly through WIFI or wired through Ethernet or LAN.			
1.7	<b>CONFIGURATION</b>			
1.7.1	Can either be wall mounted or trolley mounted, Tenderer to include cost of wall mounting service charges according to the distribution list.			
1.7.2	To be supplied with wall mounting or trolley according to the distribution list.			
1.7.3	The scope shall include all necessary works, if required, for the following: - Supply and fitting new/additional power supply - Supply and fitting for network point/switches			

<b>SECTION 1 – USER REQUIREMENTS</b>				
<b>ITEM 1: TWO HUNDRED AND NINETY-FIVE (295) UNITS OF BEDSIDE MULTIPARAMETER MONITORS</b>				
<b>Please <input checked="" type="checkbox"/> Tick where appropriate</b>		<b>Y</b>	<b>N</b>	<b>Remarks</b>
	- Supply, fitting and installation for wall mount / Bracket			
<b>2</b>	<b>ONE TIME SUPPLY OF ACCESSORIES AND CONSUMABLES</b>			
2.1	Each bedside monitors come with one set of the standard accessories and consumables including the cables to perform offered features.			
2.2	<b>Extra accessories</b> for each bedside monitor:			
2.2.1	One (1) unit 3/5 Lead ECG + ECG cable or equivalent (To be compatible with existing supply of disposable electrodes with metal snap design)			
2.2.2	One (1) unit NIBP Tube.			
2.2.3	One (1) set of Adult NIBP Cuff Size: Small.			
2.2.4	One (1) set of Adult NIBP Cuff Size: Medium.			
2.2.5	One (1) set of Adult NIBP Cuff Size: Large and Thigh.			
2.2.6	One (1) set of Adult NIBP Cuff Size: Thigh.			
2.2.7	One (1) unit reusable temperature probe (Skin).			
2.2.8	One (1) unit adapter cable for Nellcor SpO2 sensor.			
2.2.9	One (1) unit reusable Nellcor SpO2 sensor.			
2.2.10	Tenderer to provide a separate quote consisting of one unit of each accessory and consumable above for any additional purchase in the near future with price validity of one (1) year after this tender closing date. Tenderer may also include pricing of other accessories or consumables not listed above.			Quotation Reference:
<b>3</b>	<b>ONE TIME SUPPLY OF ADDITIONAL ACCESSORIES AND CONSUMABLES</b>			
3.1	Additional supply of Neonate and Paediatric compatible accessories for each of thirteen (13) monitors at Priority 2 (P2) Children Emergency Department RIPASH, including but not limited to:			
3.1.1	One (1) unit Child NIBP Cuff			
3.1.2	One (1) set of Neonatal NIBP cuff of various sizes			
3.1.3	One (1) unit reusable Nellcor SpO2 sensor for Neonate			
3.1.4	One (1) unit reusable Nellcor SpO2 sensor for Paediatrics			

SECTION 1 – USER REQUIREMENTS				
ITEM 2: SIXTY-ONE (61) UNITS OF CRITICAL CARE BEDSIDE MULTIPARAMETER MONITORS				
Please <input checked="" type="checkbox"/> Tick where appropriate		Y	N	Remarks
1	<b>CRITICAL CARE BEDSIDE MULTIPARAMETER MONITOR</b>			
1.1	<b>STANDARD FEATURES</b>			
1.1.1	Dual-purpose bedside multiparameter monitor designed for both bedside and transport use.			
1.1.2	Plug-and-play transport monitor can act as a standalone device or integrated into the primary bedside patient monitor			
1.1.3	Primary bedside patient monitor display screen size: Minimum 19" or better			
1.1.4	Transport monitor display screen size: Between 5 to 7"			
1.1.5	Suitable for critical care/high dependency patients			
1.1.6	Touchscreen monitor for both Primary bedside patient monitor display and Transport monitor.			
1.1.7	Supports <b>6-8 waveforms</b> or better			
1.2	Capable to monitor vitals such as ECG, Blood Pressure, Oxygen Saturation, End tidal CO2 (ETCO2), Temperature			
1.2.1	<b>Vital parameter: ECG</b> - 12-lead ECG monitoring			
1.2.2	<b>Vital parameter: Blood Pressure (BP)</b> – Invasive blood pressure (IBP) capabilities			
1.2.3	<b>Vital parameter: Blood Pressure (BP)</b> - Non-invasive blood pressure (NIBP) capabilities			
1.2.4	<b>Vital parameter: Oxygen Saturation</b> - Measure pulse and SpO2 (Technology: Nellcor)			
1.2.5	<b>Vital parameter: Respiration</b> – Measure impedance and End Tidal CO2 (ETCO2) via Mainstream			
1.2.6	<b>Vital parameter: Temperature</b> – Measure body temperature with accuracy of YSI400 series standard or equivalent			
1.2.7	<b>Software capabilities</b>			
1.2.7.1	Arrhythmia analysis – Full disclosure, detection and analysis for at least 48 hours			
1.2.7.2	The ability to recreate the ECG on a second-to-second basis retrospectively at the bedside patient monitor from stored data			
1.2.7.3	Early warning score (EWS) to identify patient early signs at risk of clinical deterioration			

<b>SECTION 1 – USER REQUIREMENTS</b>				
<b>ITEM 2: SIXTY-ONE (61) UNITS OF CRITICAL CARE BEDSIDE MULTIPARAMETER MONITORS</b>				
<b>Please <input checked="" type="checkbox"/> Tick where appropriate</b>		<b>Y</b>	<b>N</b>	<b>Remarks</b>
1.2.7.4	Critical Care Clinical Analysis: SPO <sub>2</sub> histogram as a graphical overview of patient oxygen saturation levels over an extended period.			
1.2.7.5	Critical Care Clinical Analysis: SPO <sub>2</sub> trends to visually display trends of patient data for quick assessment for clinician to identify changes and evaluate the effectiveness of treatments			
1.2.7.6	Critical Care Clinical Analysis: ST segment analysis and monitoring with multi-lead ST visualization and trend function that displays the spatial distribution, magnitude and time evolution of ST for quick clinician assessment.			
1.3	<b>Transport Monitor battery</b> – capable of running on rechargeable battery for at least <b>2 hours</b> or better			
1.4	Equipped with audible and visual indicator for alarms			
1.5	Each bedside monitor can be connected to a central monitoring system			
1.6.1	Connectivity: HL7 ready and activated			
1.6.2	Connectivity: Can connect wirelessly through WIFI or wired through Ethernet port, RJ45 port or USB port.			
1.7	The scope shall include all necessary works, if required, for the following: <ul style="list-style-type: none"> <li>- Supply and fitting new/additional power supply</li> <li>- Supply and fitting for network point/switches</li> <li>- Supply, fitting and installation for wall mount / Bracket</li> </ul>			
<b>2</b>	<b>ONE TIME SUPPLY OF ACCESSORIES AND CONSUMABLES</b>			
2.1	Each bed side monitors come with one set of the standard accessories/consumables including the cables to perform offered features.			
2.2	<b>Extra accessories</b> for each bedside monitor:			
2.2.1	One (1) unit 12 Lead ECG + ECG cable or equivalent (To be compatible with existing supply of disposable electrodes with metal snap design)			
2.2.2	One (1) unit reusable temperature probe (Axillary)			
2.2.3	One (1) unit reusable temperature probe (Rectal)			
2.2.4	One (1) unit IBP Cable compatible with existing disposable IBP transducer monitoring kit (IPEX ref: BKT1193)			
2.2.5	One (1) unit IBP Transducers			
2.2.6	One (1) unit NIBP Tube			

SECTION 1 – USER REQUIREMENTS					
ITEM 2: SIXTY-ONE (61) UNITS OF CRITICAL CARE BEDSIDE MULTIPARAMETER MONITORS					
Please <input checked="" type="checkbox"/> Tick where appropriate			Y	N	Remarks
2.2.7	One (1) set of Adult NIBP Cuff Size: Small				
2.2.9	One (1) set of Adult NIBP Cuff Size: Medium				
2.2.10	One (1) set of Adult NIBP Cuff Size: Large and Thigh				
2.2.11	One (1) set of Adult NIBP Cuff Size: Thigh				
2.2.12	One (1) unit adapter cable for Nellcor SpO2 sensor				
2.2.13	One (1) unit reusable Nellcor SpO2 probe				
2.2.14	One (1) unit reusable Nellcor Multi-site SpO2 probe				
2.3	Tenderer to provide a separate quote consisting of one unit of each accessories/consumable above for additional purchase in the near future with price validity of one (1) year after this tender closing date.				<b>QTN. Reference:</b>
<b>3</b>	<b>ONE TIME SUPPLY OF ADDITIONAL ACCESSORIES AND CONSUMABLES</b>				
3.1	<b>Forty-nine (49) units</b> of reusable <b>Mainstream CO2 sensor kit/set</b> suitable for <b>adult</b> as per the following distribution: <ul style="list-style-type: none"> <li>▪ <b>Forty-three (43) sets</b> for <b>ICU RIPASH</b></li> <li>▪ <b>Six (6) sets</b> for <b>Emergency Department RIPASH (Priority 1 Resuscitation)</b></li> </ul>				
3.2	<b>Three (3) units</b> of reusable <b>Mainstream CO2 sensor kit/set</b> suitable for <b>children</b> to be utilized by <b>Children’s Emergency Resuscitation, Emergency Department, RIPASH</b>				
3.3	<b>Neonate and Paediatric compatible accessories</b> for <b>Three (3) units</b> at <b>Priority 1 (P1) Children, Emergency Department RIPASH</b> and <b>One (1) unit</b> at <b>Cubicle 3, Priority 1 (P1) Adult, Emergency Department RIPASH</b> , including but not limited to:				
3.3.1	One (1) unit Child NIBP Cuff				
3.3.2	One (1) unit Infant NIBP Cuff				
3.3.3	One (1) set of Neonatal NIBP cuff of various sizes				
3.3.4	One (1) unit reusable Nellcor SpO2 sensor for Neonate				
3.3.5	One (1) unit reusable Nellcor SpO2 sensor for Paediatrics				
3.3.6	One (1) unit reusable temperature probe (Rectal)				
3.3.7	One (1) unit reusable temperature probe (Axillary)				

<b>SECTION 1 – USER REQUIREMENTS</b>				
<b>ITEM 3: SIXTEEN (16) UNITS OF CENTRAL MONITORING SYSTEM</b>				
<b>Please <input checked="" type="checkbox"/> Tick where appropriate</b>		<b>Y</b>	<b>N</b>	<b>Remarks</b>
<b>1</b>	<b>CENTRAL MONITORING SYSTEM</b>			
1.1	Tenderer to include a proposal to provide central monitoring system capable to view the bedside patient monitor offered above at the specified location as per the distribution list in Annex A			
1.2	Central monitoring system is able to export and integrate with current and future BruHIMS using DICOM 3.0, HL7 or relevant protocols			
1.3	Tenderer to attach a detailed information the central monitoring system offered including but not limited to the following:			<b>Reference:</b>
1.3.1	Specification of System.			
1.3.2	The maximum number of monitors it can connect to.			<b>Max. No.:</b>
1.3.3	Information if the system is compatible to one brand/model only or can connect to other brand/model/equipment inside the unit.			
1.3.4	Licenses included in the offer (One time/lifetime or yearly subscription – to specify any recurring cost)			<b>Recurring cost:</b>
1.4	Admission, Discharge and Transfer (ADT) functionality with demographic information from Electronic Medical Record (EMR)			
1.5	Exportable physiologic parameters to EMR such as BP, HR and others at pre-defined intervals or with user intervention			
1.6	Exportable customisable reports in pdf format to EMR including free text and a doctors interpretation/summary report			
1.7	Analysis software to summarise key ECG statistics and annotate key events and rhythm strips			
1.8	Inclusive of an Uninterrupted Power Supply (UPS) to support continued operation of Central Monitoring System including connectivity of connected patient monitors for at least thirty (30) minutes or better			
1.9	Tenderer to include the costs of any integration plans for each bedside monitor to connect to it corresponding central monitoring system. (Cables, wireless, dongles, devices and central server for each location/hospital)			
1.10	For ICU and Emergency Department, Tenderer to include the costs of any integrations plans or communication modules for any other external devices such as ventilators, anaesthesia machines, infusion pump as such within the unit.			

<b>SECTION 1 – USER REQUIREMENTS</b>				
<b>ITEM 3: SIXTEEN (16) UNITS OF CENTRAL MONITORING SYSTEM</b>				
<b>Please <input checked="" type="checkbox"/> Tick where appropriate</b>		<b>Y</b>	<b>N</b>	<b>Remarks</b>
<b>2</b>	<b>MINIMUM PC SYSTEM REQUIREMENT FOR CENTRAL MONITORING SYSTEM</b>			
2.1	Enterprise Grade with Intel core i5 processor or better			
2.2	16GB DDR4 RAM or higher			
2.3	Appropriate video graphic card to support software visuals			
2.4	Connectivity through Ethernet, Wireless-N and Bluetooth 4.0			
2.5	Various ports such as USB 3.0, Display Port, RJ-45 and all the necessary ports for it to work as intended			
2.6	Minimum Operating system: Microsoft Window 10 pro 64 bit or higher (Compatible with software of Central Monitoring System offered)			
2.7	Security features: Antivirus, Trusted Platform Module 2.0 and remote support software.			
2.8	Central Monitoring System Display monitor must be at least 32” or better to accommodate all display. The tenderer shall provide a detailed proposal specifying the monitor sizes required for each location listed in the ‘Scope of Work’.			
2.9	Central Monitoring System shall come with all the necessary standard accessories not mention above.			

SECTION 1 – USER REQUIREMENTS				
ITEM 4: FOUR (4) UNITS OF WORKING STATION				
Please <input checked="" type="checkbox"/> Tick where appropriate		Y	N	Remarks
<b>1</b>	<b>WORKING STATION</b>			
1.1	Tenderer to include the proposal to provide <b>Working station</b> at designated location as per below: <ul style="list-style-type: none"> <li>▪ <b>Priority 1 Stepdown, Emergency Department, RIPASH</b></li> <li>▪ <b>ICU3 office, RIPASH</b></li> <li>▪ <b>Nursing Station, Emergency Department, PMMPMHAMBH</b></li> <li>▪ <b>Nursing Station, ISO 3, National Isolation Centre</b></li> </ul>			
1.2	The viewing station shall be capable of displaying real-time and historical patient data of all the monitors from all monitors connected to the system server			
1.3	The viewing station shall be capable of functioning as a reporting station, allowing users to generate, review, and print comprehensive reports based on patient data			
<b>2</b>	<b>MINIMUM PC SYSTEM REQUIREMENT FOR WORKING STATION</b>			
2.1	Enterprise Grade with Intel core i5 processor or better			
2.2	16GB DDR4 RAM or higher			
2.3	Appropriate video graphic card to support software visuals			
2.4	Connectivity through Ethernet, Wireless-N and Bluetooth 4.0			
2.5	Various ports such as USB 3.0, Display Port, RJ-45 and all the necessary ports for it to work as intended			
2.6	Minimum Operating system: Microsoft Window 10 pro 64 bit or higher (Compatible with software of Working Station System offered)			
2.7	Security features: Antivirus, Trusted Platform Module 2.0 and remote support software.			
2.8	Inclusive of Display monitor suitable for working station			
2.9	Working System shall come with all the necessary standard accessories not mention above.			

SECTION 2 – ADDITIONAL REQUIREMENTS				
Please <input checked="" type="checkbox"/> Tick where appropriate		Y	N	Remarks
<b>1</b>	<b>INTEGRATION TO HIS AND CCIS</b>			
1.1	The proposed system shall be compatible with the existing *Critical Care Information System (CCIS) If the proposed setup is not compatible, the vendor must include any additional costs required to established the necessary connections. *Note: Current CCIS service provider Aixelink & Dynamik Technologies Sdn Bhd			
1.2	The vendor shall ensure that any license required to connect to CCIS is included in the proposal and is provided as a perpetual license.			
1.3	The vendor shall ensure that the monitor is connected to CCIS and the data is made available upon delivery and installation			
1.4	Inclusive of <b>all integration cost</b> for the proposed bedside monitors and central monitoring system to be integrated to the existing Hospital Information System (HIS) / BruHIMS and CCIS to retrieve recorded vitals information.			
1.5	Inclusive of all necessary work for new/additional power supply (if required)			
1.6	Inclusive of all necessary work for network points/switches (if required)			
<b>2</b>	<b>MANDATORY SITE VISIT</b>			
2.1	A <b>mandatory site visit</b> shall be conducted as part of the tendering process by contacting the BME in charge of each respective hospital to schedule an appointment using the contact details provided below. Please ensure that the <b>site visit form</b> is completed and submitted as part of this tender. <ul style="list-style-type: none"> <li>- RIPAS Hospital – <a href="mailto:Nuramaliah.Jamaludin@moh.gov.bn">Nuramaliah.Jamaludin@moh.gov.bn</a></li> <li>- PMMPPMHAMB Hospital – <a href="mailto:nuraqilah.ismail@moh.gov.bn">nuraqilah.ismail@moh.gov.bn</a></li> <li>- SSB Hospital - <a href="mailto:fazleen.khalidin@moh.gov.bn">fazleen.khalidin@moh.gov.bn</a></li> <li>- PIHM Hospital – <a href="mailto:hani.damit@moh.gov.bn">hani.damit@moh.gov.bn</a></li> </ul> [Site visit is for the listed wall mounted monitors and Central Monitoring System]			
<b>3</b>	<b>PRODUCT DEMONSTRATION</b>			

**SECTION 2 – ADDITIONAL REQUIREMENTS**

Please <input checked="" type="checkbox"/> Tick where appropriate		Y	N	Remarks
3.1	<p>To evaluate the functionality, usability, and compliance of the proposed equipment, the tenderer shall arrange a product demonstration with a demo unit as part of the evaluation process within one month after the tender closing date by contacting the BME in charge of each respective hospital to schedule an appointment using the contact details provided below:</p> <ul style="list-style-type: none"> <li>- RIPAS Hospital – <a href="mailto:Nuramaliah.Jamaludin@moh.gov.bn">Nuramaliah.Jamaludin@moh.gov.bn</a></li> <li>- PMMPMHAMB Hospital – <a href="mailto:nuraqilah.ismail@moh.gov.bn">nuraqilah.ismail@moh.gov.bn</a></li> <li>- SSB Hospital - <a href="mailto:fazleen.khalidin@moh.gov.bn">fazleen.khalidin@moh.gov.bn</a></li> <li>- PIHM Hospital – <a href="mailto:hani.damit@moh.gov.bn">hani.damit@moh.gov.bn</a></li> </ul> <p>The tenderer shall provide <b>either</b> of the following demonstration modes:</p> <ul style="list-style-type: none"> <li>▪ <b>Physical Demonstration (In-Person):</b> A complete working unit must be brought to the designated demonstration site as specified by the procuring entity. The demonstration shall be conducted by qualified personnel from the supplier.</li> <li>▪ <b>Online Demonstration (Virtual):</b> The demonstration may be conducted via a live video conferencing platform (e.g., Zoom, MS Teams). The session must include: <ul style="list-style-type: none"> <li>✓ Live operation of the actual product.</li> <li>✓ Real-time interaction to address questions or perform requested functions.</li> <li>✓ High-definition video and clear audio for full visibility and understanding.</li> </ul> </li> </ul>			Tenderer to specify
<b>4</b>	<b>END-USER TRAINING</b>			
4.1	<p>Conduct <b>user training</b> to the all-end users by an application specialist or competent local engineer including but not limited to:</p> <ul style="list-style-type: none"> <li>▪ Basic user operation, user troubleshooting and user maintenance</li> <li>▪ Provide Operating manual (Hardcopy and/or Softcopy)</li> </ul>			
4.2	Tenderer must <b>prepare a training attendance or proof of training done to end user during commissioning and the refresher course (6) months after commissioning.</b>			
<b>5</b>	<b>TECHNICAL TRAINING</b>			

**SECTION 2 – ADDITIONAL REQUIREMENTS**

Please <input checked="" type="checkbox"/> Tick where appropriate		Y	N	Remarks
5.1	<b>Introductory Technical Training</b> to Biomedical Engineers and Technicians at BME RIPASH Office by competent Tenderer's Engineer/Technicians that includes but not limited to: <ul style="list-style-type: none"> <li>▪ Troubleshooting and basic corrective maintenance</li> <li>▪ Handling and basic inspection maintenance *(Two sessions/groups if required)</li> </ul>			
<b>6</b>	<b>COMPREHENSIVE WARRANTY</b>			
6.1	Tenderer to include a comprehensive warranty for a period of <b>at least two (2) years</b> for all hardware and software related issue for all ITEM 1 to ITEM 4.			
6.2	Tenderers to <b>ACKNOWLEDGE</b> the Warranty Undertaking Form in Section 4 stating the terms of warranty provided for the equipment in the tender for the period of five years. This includes but not limited to: <ul style="list-style-type: none"> <li>▪ Scope of Warranty</li> <li>▪ One time Planned Preventive Maintenance per year during warranty (includes providing a one-time battery replacement for all batteries, either in the last year of the warranty or, if needed, in the year before)</li> </ul>			
6.3	Tenderer to provide Planned Preventive Maintenance every year			

<b>SECTION 3 – PRICE PROPOSAL</b>			
		<b>UNIT PRICE</b>	<b>TOTAL PRICE</b>
<b>PURCHASE PRICE</b>	<b>ITEM 1</b>	<b>BND\$</b>	<b>BND\$</b>
	<b>ITEM 2</b>	<b>BND\$</b>	<b>BND\$</b>
	<b>ITEM 3</b>	<b>BND\$</b>	<b>BND\$</b>
	<b>ITEM 4</b>	<b>BND\$</b>	<b>BND\$</b>
	<b>CENTRAL MONITORING SYSTEM INTEGRATION AND NETWORK INSTALLATION COST</b>	<b>BND\$</b> <b>PER LOCATION</b>	<b>BND\$</b>
	<b>TOTAL</b>		<b>BND\$</b>

SECTION 4 - PROCUREMENT AND TECHNICAL SPECIFICATION										
COUNTRY OF ORIGIN:					BRAND AND MODEL:	ITEM 1:				
YEAR INTRODUCED TO MARKET:						ITEM 2:				
PRICE VALIDITY: [AT LEAST ONE (1) YEAR PRICE VALIDTY]						ITEM 3:				
DELIVERY TIME:						ITEM 4:				
AUTHORIZED DISTRIBUTOR: (AUTHORIZED DISTRIBUTOR LETTER ATTACHED)	APPOINTED BRUNEI DISTRIBUTOR				COMPANY NAME:					
	PROCURE FROM OVERSEA AUTHORIZED DISTRIBUTOR									COMPANY ORIGIN:
DETAILED BROCHURE INCLUDED		Y		N	<input checked="" type="checkbox"/> or specify where appropriate					
MAINS POWER SUPPLY:		220V-240V, 50-60HZ	BATTERY		ITEM 1: [ ] Y [ ] N, TYPE OF BATTERY: _____, RATING: _____, RECHARGEABLE: __Y__N					
		OTHERS:			ITEM 2: [ ] Y [ ] N, TYPE OF BATTERY: _____, RATING: _____, RECHARGEABLE: __Y__N					
					ITEM 3: [ ] Y [ ] N, TYPE OF BATTERY: _____, RATING: _____, RECHARGEABLE: __Y__N					
					ITEM 4: [ ] Y [ ] N, TYPE OF BATTERY: _____, RATING: _____, RECHARGEABLE: __Y__N					
POWER ADAPTER/CHARGER OUTPUT RATING:					EQUIPMENT AMBIENT OPERATING TEMPERATURE RANGE:					
NUMBER OF TECHNICAL SUPPORT (ENGINEER/TECHNICIAN) Please provide training or certification for locals who is trained/certified					LOCAL	<input type="checkbox"/> Trained / Certified				
					OVERSEA	<input type="checkbox"/> Not yet trained on the product				
					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 8 years after installation, with the support period extending beyond the expected lifecycle of the equipment. No of years: _____ (Please specify)									

**SECTION 5 – WARRANTY UNDERTAKING FORM**

Tenderer, on behalf of the manufacturer, acknowledged and agrees that when equipment is under Warranty period of two (2) years, must cover the scope of comprehensive warranty at no additional cost:

- 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.
- Inclusive of Comprehensive Maintenance Service (see below)
- **Exchange warranty**; Providing replacement units or OEM parts for:
  - A. Warranty against defects – Manufacturing defects or Equipment malfunction resulted from mechanical, electrical or software failure during Commissioning or within the first six (6) 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.

**COMPREHENSIVE MAINTENANCE SERVICE**

Tenderer must provide a comprehensive maintenance during the warranty period. The scope for **Comprehensive Maintenance Service** consists of:

- A. **Inspection Maintenance (IM)**
- B. **Corrective Maintenance (CM) and**
- C. **Planned Preventive maintenance (PPM)**
- D. **Breakdown call**

**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

Tenderer may also attach a list of terms to be excluded from the warranty for MOH consideration and notification

**TENDERER ACKNOWLEDGMENT  
ON WARRANTY UNDERTAKING  
FORM PAGE 1 AND PAGE 2**

**COMPANY CHOP AND  
SIGNATURE**

**A. Inspection Maintenance (IM)**

- Must be conducted every six (6) months starting from commissioning date
- Issuance of IM Report to End User and Biomedical Engineering Unit of respective Facilities (BME)
- Physical hardware checks on main unit/system and all supplied accessories
- System, Software and Application check-up – Update to latest version when available
- Performance and Functional testing
- Servicing/Cleaning of dust

## SECTION 5 – WARRANTY UNDERTAKING FORM

### B. Corrective Maintenance (CM):

- During warranty, tenderer must rectify issues arise from any mechanical, technical or software faulty as soon as it is reported including any cost of breakdown repairs.
- Repair and replacement of parts with new, quality, and compatible parts within seven (7) working days after receipt of reported problem by BME.
- Post repair tests with reports to ensure Electrical Safety Test, Performance Test and Functional Test is conducted.

### C. Planned Preventive Maintenance (PPM):

- **One time yearly Planned Preventive Maintenance (PPM)** according to Manufacturer's Preventive Maintenance Guideline, including replacements of PM Kits, any relevant parts to prolong equipment lifespan AND provide a one-time battery replacement for all batteries, either in the last year of the warranty or, if needed, in the year before
- Provide Maintenance Due Date stickers after each PPM or booklet for easy monitoring

### D. Breakdown Call

Service	Requirement	Performance Standard
<b>Corrective Maintenance – Response Time</b>	Response time are time taken from initial request made by the user to the time technical personnel physically present to assess the request and update status.	Brunei Muara, Tutong and Temburong District: Within 60 minutes from notification. Belait District: Within 120 minutes from notification
<b>Corrective Maintenance – Resolution Time</b>	Time between fault report and restoration of equipment functionality.	<b>Within 7 working days</b>

- Attend to resolve any breakdown call after receipt of reported problem by BME Unit of Respective Facilities preferably during office hours, else after office hours or public holidays (only if it is necessary and urgent)
- Downtime: Not more than 7 days after receipt of reported problem by BME unit of Respective Facilities
- If Downtime is expected to be more than 7 days, Tenderer must notify formally to BME unit through email or letter immediately indicating the reason of delay with estimation of:
  - A. Estimated time of parts to arrive and
  - B. Expected no of days for repair completion
- **The downtime permitted after the first 7 working days with notification, should not be more than 10 working days or else, a penalty fee of BND\$50 per day per unit will be charge after the 10<sup>th</sup> day.**

ANNEX A: DISTRIBUTION LIST

RIPAS HOSPITAL DISTRIBUTION LIST										
Department / Unit	Location	Bedside Multiparameter monitor			Critical Care Bedside Multiparameter Monitors			Central Monitoring System		Working station
		Configuration:		Total	Numbers of Monitors	Configuration	Total	Quantity	Total	
		Wall mounted	Trolley mounted							
Emergency Department	Priority 1 Adult	-	-	-	13	Wall mounted	16	1	5	1
	Priority 1 Children	-	-	-	3	Wall mounted		1		
	Priority 2 Adult	24	-	43		-	1			
	Priority 2 Children	13	-				1			
	LAVA Quarantine zone	5	-				1			
	Room for Detainees	1	-				-			
Intensive Care Unit (ICU)	ICU 1	-	-	-	9	Wall mounted	43	1	5	1
	ICU 2	-	-	-	16	Wall mounted		2		
	ICU 3	-	-	-	13	Wall mounted		1		
	ICU 3 (Additional)	-	-	-	5	Wall mounted		1		
Acute Medical Unit (AMU)	Ward 3	6	-	14		-	1	2		
	Ward 4	8	-				1			
WCC	Labour room	-	1	8		-		-		-

**RIPAS HOSPITAL DISTRIBUTION LIST**

Department / Unit	Location	Bedside Multiparameter monitor		Total	Critical Care Bedside Multiparameter Monitors			Central Monitoring System		Working station
		Configuration:			Numbers of Monitors	Configuration	Total	Quantity	Total	
		Wall mounted	Trolley mounted							
	Ward 30	-	2							
	Ward 31	-	1							
	Ward 32	-	1							
	Ward 33	-	1							
	Ward 34	-	1							
	Obstetrics OT	-	1							
Observation bay	Ward 1	2	-	40		-				
	Ward 2	2	-							
	Ward 6	4	-							
	Ward 7	4	-							
	Ward 12	4	-							
	Ward 14	4	-							
	Ward 17	6	-							
	Ward 18	6	-							

**RIPAS HOSPITAL DISTRIBUTION LIST**

Department / Unit	Location	Bedside Multiparameter monitor		Total	Critical Care Bedside Multiparameter Monitors			Central Monitoring System		Working station
		Configuration:			Numbers of Monitors	Configuration	Total	Quantity	Total	
		Wall mounted	Trolley mounted							
	Ward 19	4	-							
	Ward 21	4	-							
TOTAL		97	8	105	59			12	2	
		Wall mounted	Trolley mounted							
		Bedside Multiparameter monitor			Critical Care Bedside Multiparameter Monitors			Central Monitoring System	Working station	

**PMMPMHAMB Hospital Distribution List**

Department / Unit	Location	Bedside Multiparameter Monitors		Total	Critical Care Bedside Multiparameter Monitors			Central Monitoring System		Working station		
		Configuration			Numbers of Monitors	Configuration	Total	Quantity	Total			
		Wall mounted	Trolley mounted									
Emergency Department	<b>NURSING STATION</b>			22	-			2	2	1		
	<b>RESUS ROOM Adult</b>				1	Wall mounted	2	-	1 Unit for: 1. Resus Area 2. Trolley Area 3. Observation Area 4. Suture Room 5. L/Room 6. Iso Room  1 Unit for: 1. Annex Area 2. Flu Clinic	-		
	Children				1	Wall mounted						
	<b>TROLLEY AREA Trolley 9</b>	1	-									
	Trolley 10	1	-									
	Trolley 11	1	-				-				-	
	Trolley 12	1	-									
	Nebs Room	1	-									
	<b>OBSERVATION AREA BAY 1</b>	2	-				-				-	
	BAY 2	2	-									
	<b>SUTURE ROOM</b>	1	-				-				-	
	<b>LABOR ROOM</b>	1	-				-				-	
	<b>ISO ROOM</b>	1	-				-				-	
	<b>CONSULTATION ROOMS</b>	2	-				-				-	

**PMPMHAMB Hospital Distribution List**

Department / Unit	Location	Bedside Multiparameter Monitors			Critical Care Bedside Multiparameter Monitors			Central Monitoring System		Working station
		Configuration		Total	Numbers of Monitors	Configuration	Total	Quantity	Total	
		Wall mounted	Trolley mounted							
	<b>TRIAGE ROOMS</b>	3	-		-			-		
	<b>ANNEX</b>	2	-		-			-		
	<b>FLU CLINIC</b> Triage	1	-		-			-		
	Resus	2	-		-			-		
MEDICAL WARDS	Male ward	14	-	28				-	-	-
	Female ward	14								
NIC	ISO 1	9	-	18				1	2	-
	ISO 2	9	-					1		-
	ISO 3	-	-					-		1
OT	Recovery Area	-	2	2				-		-
DAYWARD	4 bays	8	1	9				-		-
	Sitting Area							-		-
SOPD		-	2	2				-		-
SPECIALIST CLINICS		-	3	3				-		-

**PMMPMHAMB Hospital Distribution List**

Department / Unit	Location	Bedside Multiparameter Monitors			Critical Care Bedside Multiparameter Monitors			Central Monitoring System		Working station
		Configuration		Total	Numbers of Monitors	Configuration	Total	Quantity	Total	
		Wall mounted	Trolley mounted							
O&G CLINIC	Clinic	10	2	12				-	-	
	Wards	4	1	5				-	-	
<b>TOTAL NUMBERS</b>		<b>91</b>	<b>11</b>	<b>102</b>		<b>2</b>		<b>4</b>	<b>2</b>	
TOTAL		91	11	102		2		4	2	
		<b>Wall mounted</b>	<b>Trolley mounted</b>							
		<b>Bedside Multiparameter monitor</b>			<b>Critical Care Bedside Multiparameter Monitors</b>			<b>Central Monitoring System</b>	<b>Working station</b>	

<b>SSB HOSPITAL DISTRIBUTION LIST</b>			
<b>Location</b>	<b>Bedside Multiparameter monitor</b>		
	<b>Configuration</b>		<b>Numbers of Monitors</b>
	<b>Wall Mounted</b>	<b>Trolley</b>	
Emergency Department	7	4	11
Ward 3, SSBH	3	2	5
Ward 4, SSBH	3	2	5
Ward 5, SSBH	4	6	10
Ward 6, SSBH	6	6	12
Ward 8, SSBH		2	2
Ward 9, SSBH		2	2
Ward 10, SSBH	2	3	5
Ward 11, SSBH	2	3	5
Ward 12, SSBH		1	1
PHY CLINIC, SSBH		1	1
Dermatology Clinic, SSBH		1	1
ENT Clinic, SSBH		1	1
Cardiology Clinic, SSBH		1	1
<b>TOTAL</b>	<b>27</b>	<b>35</b>	<b>62</b>

<b>PIHM HOSPITAL DISTRIBUTION LIST</b>			
<b>Location</b>	<b>Bedside Multiparameter monitor</b>		
	<b>Configuration</b>		<b>Numbers of Monitors</b>
	<b>Wall Mounted</b>	<b>Trolley</b>	
Emergency Department	4	7	11
Male Ward	2	2	4
Female Ward	2	2	4
Paediatric Ward		2	2
Outpatient Department (OPD)		2	2
Physician Clinic		2	2
Specialist Unit		1	1
<b>TOTAL</b>	<b>8</b>	<b>18</b>	<b>26</b>

TENDER REFERENCE NO.: KK/09/2026/HTD

TENDER TITLE: SUPPLY, DELIVERY, INSTALLATION, TESTING AND COMMISSIONING OF BEDSIDE MULTIPARAMETER MONITORS FOR MINISTRY OF HEALTH

COMPANY NAME	:		<b>COMPANY STAMP AND SIGNATURE</b>
COMPANY FOCAL PERSON CONTACT [NAME AND CONTACT NO.]	:		

I hereby on behalf of My Company has made a Site Visit to the following site/location on the date stated below and understand the work requirement(s) and all specification stated in this tender document.  
 I (My Company) also agree not to make any additional claim to MOH should any accident(s) or damage(s) occur during the implementation period.

SITE/LOCATION	:	RIPASH
DATE OF SITE VISIT	:	_____

VERIFIED BY:	
BME RIPASH	

SITE/LOCATION	:	PMMPMHAMBH
DATE OF SITE VISIT	:	_____

VERIFIED BY:	
BME PMMPMHAMBH	

**FOR OFFICIAL USE ONLY:**

SITE/LOCATION	:	SSBH
DATE OF SITE VISIT	:	_____

VERIFIED BY:	
BME SSBH	

SITE/LOCATION	:	PIHMH
DATE OF SITE VISIT	:	_____

VERIFIED BY:	
BME PIHMH	

The Contractor must visit the site before quoting any price for the work stated in this Tender and shall satisfy himself as to the nature of work and site condition. The Contractor must fill in this form and obtain signature from the Biomedical Engineer (BME) as verification for having visited the Site. Failing to do so will lead to **disqualification** from this Tender.

NO.	TERMS AND CONDITIONS	VENDOR'S OFFER (PLEASE STATE)
1	Tenderer must be registered with the Ministry of Health.	
2	<b>TENDER FORM should be filled</b> completely including the <b>USER REQUIREMENT FORM</b> (if available). Submission of incomplete form <b>MAY</b> cause <b>DISQUALIFICATION OF TENDER</b> .	
3	Each tenderer is allowed to quote <b>ONE BRAND WITH ONE PRICE ONLY</b> for each item. Submission of more than one brand and price will cause <b>DISQUALIFICATION OF TENDER</b> .	
4	All consumables supplied throughout this tender <u>shall</u> have a minimum expiry date of <b>twelve (12) months / on delivery</b> (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	<b>DELIVERY PERIOD:</b> (Please state) Not More Than <b>90 days</b> upon confirmation	
9	<b>PRICE VALIDITY:</b> The quotation shall remain valid for <b>12 MONTHS</b> 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 <b>newly manufactured, unused, and in its original, sealed packaging</b> . The equipment must not be previously owned, refurbished, or reconditioned in any form. During <b>delivery</b> , the vendor is required to <b>provide proof of manufacture date confirming the equipment is new</b> .	

**SECTION 2**

**SPECIFICATIONS AND REQUIREMENTS**

**TENDER REFERENCE NO: KK/09/2026/HTD**

**INVITATION TO TENDER  
SUPPLY, DELIVERY, INSTALLATION, TESTING AND COMMISSIONING OF BEDSIDE  
MULTIPARAMETER MONITORS FOR MINISTRY OF HEALTH**

<b>SCOPE OF WORK</b>	
<b>ITEM 1:</b>	<b>Supply <u>295 units</u> of <u>Bedside Multiparameter Monitors</u> for RIPASH, PMMPMHAMBH, SSBH AND PIHM</b>
<b>ITEM 2:</b>	<b>Supply <u>61 units</u> of <u>Critical Care Bedside Multiparameter Monitors</u> for RIPASH AND PMMPMHAMBH</b>
<b>ITEM 3:</b>	<b>Supply <u>16 units</u> of <u>Central Monitoring System</u> for RIPASH AND PMMPMHAMBH</b>
<b>ITEM 4:</b>	<b>Supply <u>4 units</u> of <u>Working Station</u> for RIPASH AND PMMPMHAMBH</b>

Summary of total numbers and distribution list are as follow:

Location	Bedside Multiparameter Monitor			Critical Care Bedside Multiparameter Monitor	Central Monitoring System	Working Station
	Wall Mounted	Trolley Mounted	Total Quantity	Total Quantity	Total Quantity	Total Quantity
<b>RIPASH</b>	97	8	105	59	12	2
<b>PMMPMHAMBH</b>	91	11	102	2	4	2
<b>SSBH</b>	27	35	62			
<b>PIHM</b>	8	18	26			
<b>Total summary</b>	295			61	16	4

## SECTION 1 – USER REQUIREMENTS

NO.	SECTIONS
	<b>ITEM 1: TWO HUNDRED AND NINETY-FIVE (295) UNITS OF BEDSIDE MULTIPARAMETER MONITORS</b>
1	BEDSIDE MULTIPARAMETER MONITOR
1.1	<b>STANDARD FEATURES</b>
1.1.1	Patient monitor with basic cardiac monitoring.
1.1.2	Primary patient monitor display screen size: At least 15" or better.
1.1.4	Monitor Display screen: Touchscreen.
1.2	Capable to monitor vitals such as ECG, Blood Pressure, Oxygen Saturation, Temperature.
1.2.1	<b>Vital parameter: ECG</b> – 3/5 lead ECG monitoring.
1.2.2	<b>Vital parameter: Blood Pressure (BP)</b> - Non-invasive blood pressure (NIBP) capabilities.
1.2.3	<b>Vital parameter: Oxygen Saturation</b> - Measure pulse and SpO2 (Technology: Nellcor).
1.2.4	<b>Vital parameter: Temperature</b> – Measure body temperature with accuracy of YSI400 series standard or equivalent.
1.2.5	<b>Vital parameter: Respiration</b> – Measure impedance.
1.3	<b>Battery</b> – capable of running on rechargeable battery for at least 1 hour or better.
1.4	Equipped with audible and visual indicator for alarms.
1.5	Each monitor can be connected to a central monitoring system.
1.6	<b>CONNECTIVITY</b>
1.6.1	HL7 and central monitoring capable and activated.
1.6.2	Can connect wirelessly through WIFI or wired through Ethernet or LAN.
1.7	<b>CONFIGURATION</b>
1.7.1	Can either be wall mounted or trolley mounted, Tenderer to include cost of wall mounting service charges according to the distribution list.
1.7.2	To be supplied with wall mounting or trolley according to the distribution list.
1.7.3	The scope shall include all necessary works, if required, for the following: <ul style="list-style-type: none"> <li>- Supply and fitting new/additional power supply</li> <li>- Supply and fitting for network point/switches</li> <li>- Supply, fitting and installation for wall mount / Bracket</li> </ul>
2	<b>ONE TIME SUPPLY OF ACCESSORIES AND CONSUMABLES</b>
2.1	Each bedside monitors come with one set of the standard accessories and consumables including the cables to perform offered features.
2.2	<b>Extra accessories</b> for each bedside monitor:
2.2.1	One (1) unit 3/5 Lead ECG + ECG cable or equivalent (To be compatible with existing supply of disposable electrodes with metal snap design)
2.2.2	One (1) unit NIBP Tube.
2.2.3	One (1) set of Adult NIBP Cuff Size: Small.
2.2.4	One (1) set of Adult NIBP Cuff Size: Medium.
2.2.5	One (1) set of Adult NIBP Cuff Size: Large and Thigh.
2.2.6	One (1) set of Adult NIBP Cuff Size: Thigh.
2.2.7	One (1) unit reusable temperature probe (Skin).
2.2.8	One (1) unit adapter cable for Nellcor SpO2 sensor.
2.2.9	One (1) unit reusable Nellcor SpO2 sensor.

NO.	SECTIONS
2.2.10	Tenderer to provide a separate quote consisting of one unit of each accessory and consumable above for any additional purchase in the near future with price validity of one (1) year after this tender closing date. Tenderer may also include pricing of other accessories or consumables not listed above.
3	<b>ONE TIME SUPPLY OF ADDITIONAL ACCESSORIES AND CONSUMABLES</b>
3.1	Additional supply of Neonate and Paediatric compatible accessories for each of thirteen (13) monitors at Priority 2 (P2) Children Emergency Department RIPASH, including but not limited to:
3.1.1	One (1) unit Child NIBP Cuff
3.1.2	One (1) set of Neonatal NIBP cuff of various sizes
3.1.3	One (1) unit reusable Nellcor SpO2 sensor for Neonate
3.1.4	One (1) unit reusable Nellcor SpO2 sensor for Paediatrics
	<b>ITEM 2: SIXTY-ONE (61) UNITS OF CRITICAL CARE BEDSIDE MULTIPARAMETER MONITORS</b>
1	CRITICAL CARE BEDSIDE MULTIPARAMETER MONITOR
1.1	<b>STANDARD FEATURES</b>
1.1.1	Dual-purpose bedside multiparameter monitor designed for both bedside and transport use.
1.1.2	Plug-and-play transport monitor can act as a standalone device or integrated into the primary bedside patient monitor
1.1.3	Primary bedside patient monitor display screen size: Minimum 19" or better
1.1.4	Transport monitor display screen size: Between 5 to 7"
1.1.5	Suitable for critical care/high dependency patients
1.1.6	Touchscreen monitor for both Primary bedside patient monitor display and Transport monitor.
1.1.7	Supports <b>6-8 waveforms</b> or better
1.2	Capable to monitor vitals such as ECG, Blood Pressure, Oxygen Saturation, End tidal CO2 (ETCO2), Temperature
1.2.1	<b>Vital parameter: ECG</b> - 12-lead ECG monitoring
1.2.2	<b>Vital parameter: Blood Pressure (BP)</b> – Invasive blood pressure (IBP) capabilities
1.2.3	<b>Vital parameter: Blood Pressure (BP)</b> - Non-invasive blood pressure (NIBP) capabilities
1.2.4	<b>Vital parameter: Oxygen Saturation</b> - Measure pulse and SpO2 (Technology: Nellcor)
1.2.5	<b>Vital parameter: Respiration</b> – Measure impedance and End Tidal CO2 (ETCO2) via Mainstream
1.2.6	<b>Vital parameter: Temperature</b> – Measure body temperature with accuracy of YSI400 series standard or equivalent
1.2.7	<b>Software capabilities</b>
1.2.7.1	Arrhythmia analysis – Full disclosure, detection and analysis for at least 48 hours
1.2.7.2	The ability to recreate the ECG on a second-to-second basis retrospectively at the bedside patient monitor from stored data
1.2.7.3	Early warning score (EWS) to identify patient early signs at risk of clinical deterioration
1.2.7.4	Critical Care Clinical Analysis: SPO <sub>2</sub> histogram as a graphical overview of patient oxygen saturation levels over an extended period.
1.2.7.5	Critical Care Clinical Analysis: SPO <sub>2</sub> trends to visually display trends of patient data for quick assessment for clinician to identify changes and evaluate the effectiveness of treatments
1.2.7.6	Critical Care Clinical Analysis: ST segment analysis and monitoring with multi-lead ST visualization and trend function that displays the spatial distribution, magnitude and time evolution of ST for quick clinician assessment.
1.3	<b>Transport Monitor battery</b> – capable of running on rechargeable battery for at least <b>2 hours</b> or better
1.4	Equipped with audible and visual indicator for alarms
1.5	Each bedside monitor can be connected to a central monitoring system
1.6.1	Connectivity: HL7 ready and activated
1.6.2	Connectivity: Can connect wirelessly through WIFI or wired through Ethernet port, RJ45 port or USB port.

NO.	SECTIONS
1.7	The scope shall include all necessary works, if required, for the following: - Supply and fitting new/additional power supply - Supply and fitting for network point/switches - Supply, fitting and installation for wall mount / Bracket
<b>2</b>	<b>ONE TIME SUPPLY OF ACCESSORIES AND CONSUMABLES</b>
2.1	Each bed side monitors come with one set of the standard accessories/consumables including the cables to perform offered features.
2.2	<b>Extra accessories</b> for each bedside monitor:
2.2.1	One (1) unit 12 Lead ECG + ECG cable or equivalent (To be compatible with existing supply of disposable electrodes with metal snap design)
2.2.2	One (1) unit reusable temperature probe (Axillary)
2.2.3	One (1) unit reusable temperature probe (Rectal)
2.2.4	One (1) unit IBP Cable compatible with existing disposable IBP transducer monitoring kit (IPEX ref: BKT1193)
2.2.5	One (1) unit IBP Transducers
2.2.6	One (1) unit NIBP Tube
2.2.7	One (1) set of Adult NIBP Cuff Size: Small
2.2.9	One (1) set of Adult NIBP Cuff Size: Medium
2.2.10	One (1) set of Adult NIBP Cuff Size: Large and Thigh
2.2.11	One (1) set of Adult NIBP Cuff Size: Thigh
2.2.12	One (1) unit adapter cable for Nellcor SpO2 sensor
2.2.13	One (1) unit reusable Nellcor SpO2 probe
2.2.14	One (1) unit reusable Nellcor Multi-site SpO2 probe
2.3	Tenderer to provide a separate quote consisting of one unit of each accessories/consumable above for additional purchase in the near future with price validity of one (1) year after this tender closing date.
<b>3</b>	<b>ONE TIME SUPPLY OF ADDITIONAL ACCESSORIES AND CONSUMABLES</b>
3.1	<b>Forty-nine (49) units</b> of reusable <b>Mainstream CO2 sensor kit/set</b> suitable for <b>adult</b> as per the following distribution: ▪ <b>Forty-three (43) sets</b> for <b>ICU RIPASH</b> ▪ <b>Six (6) sets</b> for <b>Emergency Department RIPASH (Priority 1 Resuscitation)</b>
3.2	<b>Three (3) units</b> of reusable <b>Mainstream CO2 sensor kit/set</b> suitable for <b>children</b> to be utilized by <b>Children's Emergency Resuscitation, Emergency Department, RIPASH</b>
3.3	<b>Neonate and Paediatric compatible accessories</b> for <b>Three (3) units</b> at <b>Priority 1 (P1) Children, Emergency Department RIPASH</b> and <b>One (1) unit</b> at <b>Cubicle 3, Priority 1 (P1) Adult, Emergency Department RIPASH</b> , including but not limited to:
3.3.1	One (1) unit Child NIBP Cuff
3.3.2	One (1) unit Infant NIBP Cuff
3.3.3	One (1) set of Neonatal NIBP cuff of various sizes
3.3.4	One (1) unit reusable Nellcor SpO2 sensor for Neonate
3.3.5	One (1) unit reusable Nellcor SpO2 sensor for Paediatrics
3.3.6	One (1) unit reusable temperature probe (Rectal)
3.3.7	One (1) unit reusable temperature probe (Axillary)
<b>ITEM 3: SIXTEEN (16) UNITS OF CENTRAL MONITORING SYSTEM</b>	
<b>1</b>	<b>CENTRAL MONITORING SYSTEM</b>
1.1	Tenderer to include a proposal to provide central monitoring system capable to view the bedside patient monitor offered above at the specified location as per the distribution list in Annex A
1.2	Central monitoring system is able to export and integrate with current and future BruHIMS using DICOM 3.0, HL7 or relevant protocols
1.3	Tenderer to attach a detailed information the central monitoring system offered including but not limited to the following:
1.3.1	Specification of System.
1.3.2	The maximum number of monitors it can connect to.
1.3.3	Information if the system is compatible to one brand/model only or can connect to other brand/model/equipment inside the unit.

NO.	SECTIONS
1.3.4	Licenses included in the offer (One time/lifetime or yearly subscription – to specify any recurring cost)
1.4	Admission, Discharge and Transfer (ADT) functionality with demographic information from Electronic Medical Record (EMR)
1.5	Exportable physiologic parameters to EMR such as BP, HR and others at pre-defined intervals or with user intervention
1.6	Exportable customisable reports in pdf format to EMR including free text and a doctors interpretation/summary report
1.7	Analysis software to summarise key ECG statistics and annotate key events and rhythm strips
1.8	Inclusive of an Uninterrupted Power Supply (UPS) to support continued operation of Central Monitoring System including connectivity of connected patient monitors for at least thirty (30) minutes or better
1.9	Tenderer to include the costs of any integration plans for each bedside monitor to connect to it corresponding central monitoring system. (Cables, wireless, dongles, devices and central server for each location/hospital)
1.10	For ICU and Emergency Department, Tenderer to include the costs of any integrations plans or communication modules for any other external devices such as ventilators, anaesthesia machines, infusion pump as such within the unit.
<b>2</b>	<b>MINIMUM PC SYSTEM REQUIREMENT FOR CENTRAL MONITORING SYSTEM</b>
2.1	Enterprise Grade with Intel core i5 processor or better
2.2	16GB DDR4 RAM or higher
2.3	Appropriate video graphic card to support software visuals
2.4	Connectivity through Ethernet, Wireless-N and Bluetooth 4.0
2.5	Various ports such as USB 3.0, Display Port, RJ-45 and all the necessary ports for it to work as intended
2.6	Minimum Operating system: Microsoft Window 10 pro 64 bit or higher (Compatible with software of Central Monitoring System offered)
2.7	Security features: Antivirus, Trusted Platform Module 2.0 and remote support software.
2.8	Central Monitoring System Display monitor must be at least 32” or better to accommodate all display. The tenderer shall provide a detailed proposal specifying the monitor sizes required for each location listed in the ‘Scope of Work’.
2.9	Central Monitoring System shall come with all the necessary standard accessories not mention above.
	<b>ITEM 4: FOUR (4) UNITS OF WORKING STATION</b>
<b>1</b>	<b>WORKING STATION</b>
1.1	Tenderer to include the proposal to provide <b>Working station</b> at designated location as per below: <ul style="list-style-type: none"> <li>▪ <b>Priority 1 Stepdown, Emergency Department, RIPASH</b></li> <li>▪ <b>ICU3 office, RIPASH</b></li> <li>▪ <b>Nursing Station, Emergency Department, PMMPMHAMBH</b></li> <li>▪ <b>Nursing Station, ISO 3, National Isolation Centre</b></li> </ul>
1.2	The viewing station shall be capable of displaying real-time and historical patient data of all the monitors from all monitors connected to the system server
1.3	The viewing station shall be capable of functioning as a reporting station, allowing users to generate, review, and print comprehensive reports based on patient data
<b>2</b>	<b>MINIMUM PC SYSTEM REQUIREMENT FOR WORKING STATION</b>
2.1	Enterprise Grade with Intel core i5 processor or better
2.2	16GB DDR4 RAM or higher
2.3	Appropriate video graphic card to support software visuals
2.4	Connectivity through Ethernet, Wireless-N and Bluetooth 4.0
2.5	Various ports such as USB 3.0, Display Port, RJ-45 and all the necessary ports for it to work as intended
2.6	Minimum Operating system: Microsoft Window 10 pro 64 bit or higher (Compatible with software of Working Station System offered)
2.7	Security features: Antivirus, Trusted Platform Module 2.0 and remote support software.

<b>NO.</b>	<b>SECTIONS</b>
2.8	Inclusive of Display monitor suitable for working station
2.9	Working System shall come with all the necessary standard accessories not mention above.

## SECTION 2 – ADDITIONAL REQUIREMENTS

<b>1</b>	<b>INTEGRATION TO HIS AND CCIS</b>
1.1	The proposed system shall be compatible with the existing *Critical Care Information System (CCIS) If the proposed setup is not compatible, the vendor must include any additional costs required to established the necessary connections. *Note: Current CCIS service provider Aixelink & Dynamik Technologies Sdn Bhd
1.2	The vendor shall ensure that any license required to connect to CCIS is included in the proposal and is provided as a perpetual license.
1.3	The vendor shall ensure that the monitor is connected to CCIS and the data is made available upon delivery and installation
1.4	Inclusive of <b>all integration cost</b> for the proposed bedside monitors and central monitoring system to be integrated to the existing Hospital Information System (HIS) / BruHIMS and CCIS to retrieve recorded vitals information.
1.5	Inclusive of all necessary work for new/additional power supply (if required)
1.6	Inclusive of all necessary work for network points/switches (if required)
<b>2</b>	<b>MANDATORY SITE VISIT</b>
2.1	A <b>mandatory site visit</b> shall be conducted as part of the tendering process by contacting the BME in charge of each respective hospital to schedule an appointment using the contact details provided below. Please ensure that the <b>site visit form</b> is completed and submitted as part of this tender. - RIPAS Hospital – <a href="mailto:Nuramaliah.Jamaludin@moh.gov.bn">Nuramaliah.Jamaludin@moh.gov.bn</a> - PMMPMHAMB Hospital – <a href="mailto:nuraqilah.ismail@moh.gov.bn">nuraqilah.ismail@moh.gov.bn</a> - SSB Hospital - <a href="mailto:fazleen.khalidin@moh.gov.bn">fazleen.khalidin@moh.gov.bn</a> - PIHM Hospital – <a href="mailto:hani.damit@moh.gov.bn">hani.damit@moh.gov.bn</a> [Site visit is for the listed wall mounted monitors and Central Monitoring System]
<b>3</b>	<b>PRODUCT DEMONSTRATION</b>
3.1	To evaluate the functionality, usability, and compliance of the proposed equipment, the tenderer shall arrange a product demonstration with a demo unit as part of the evaluation process within one month after the tender closing date by contacting the BME in charge of each respective hospital to schedule an appointment using the contact details provided below: - RIPAS Hospital – <a href="mailto:Nuramaliah.Jamaludin@moh.gov.bn">Nuramaliah.Jamaludin@moh.gov.bn</a> - PMMPMHAMB Hospital – <a href="mailto:nuraqilah.ismail@moh.gov.bn">nuraqilah.ismail@moh.gov.bn</a> - SSB Hospital - <a href="mailto:fazleen.khalidin@moh.gov.bn">fazleen.khalidin@moh.gov.bn</a> - PIHM Hospital – <a href="mailto:hani.damit@moh.gov.bn">hani.damit@moh.gov.bn</a>  The tenderer shall provide <b>either</b> of the following demonstration modes: ▪ <b>Physical Demonstration (In-Person):</b> A complete working unit must be brought to the designated demonstration site as specified by the procuring entity. The demonstration shall be conducted by qualified personnel from the supplier.  ▪ <b>Online Demonstration (Virtual):</b> The demonstration may be conducted via a live video conferencing platform (e.g., Zoom, MS Teams). The session must include: ○ Live operation of the actual product. ○ Real-time interaction to address questions or perform requested functions. ○ High-definition video and clear audio for full visibility and understanding.
<b>4</b>	<b>END-USER TRAINING</b>
4.1	Conduct <b>user training</b> 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)
4.2	Tenderer must <b>prepare a training attendance or proof of training done to end user during commissioning and the refresher course (6) months after commissioning.</b>
<b>5</b>	<b>TECHNICAL TRAINING</b>

5.1	<p><b>Introductory Technical Training</b> to Biomedical Engineers and Technicians at BME RIPASH Office by competent Tenderer's Engineer/Technicians that includes but not limited to:</p> <ul style="list-style-type: none"> <li>▪ Troubleshooting and basic corrective maintenance</li> <li>▪ Handling and basic inspection maintenance</li> </ul> <p>*(Two sessions/groups if required)</p>
<b>6</b>	<b>COMPREHENSIVE WARRANTY</b>
6.1	Tenderer to include a comprehensive warranty for a period of <b>at least two (2) years</b> for all hardware and software related issue for all ITEM 1 to ITEM 4.
6.2	<p>Tenderers to <b>ACKNOWLEDGE</b> the Warranty Undertaking Form in Section 4 stating the terms of warranty provided for the equipment in the tender for the period of five years. This includes but not limited to:</p> <ul style="list-style-type: none"> <li>▪ Scope of Warranty</li> <li>▪ One time Planned Preventive Maintenance per year during warranty (includes providing a one-time battery replacement for all batteries, either in the last year of the warranty or, if needed, in the year before)</li> </ul>
6.3	Tenderer to provide Planned Preventive Maintenance every year

<b>SECTION 3 – PRICE PROPOSAL</b>	
<b>PURCHASE PRICE</b>	<b>ITEM 1</b>
	<b>ITEM 2</b>
	<b>ITEM 3</b>
	<b>ITEM 4</b>
	<b>CENTRAL MONITORING SYSTEM INTEGRATION AND NETWORK INSTALLATION COST</b>
	<b>TOTAL</b>

**SECTION 4 - PROCUREMENT AND TECHNICAL SPECIFICATION**

COUNTRY OF ORIGIN:

YEAR INTRODUCED TO MARKET:

PRICE VALIDITY:  
[AT LEAST ONE (1) YEAR PRICE VALIDITY]

DELIVERY TIME:

AUTHORIZED DISTRIBUTOR:  
(AUTHORIZED DISTRIBUTOR LETTER ATTACHED)

DETAILED BROCHURE INCLUDED

MAINS POWER SUPPLY:

POWER ADAPTER/CHARGER OUTPUT RATING:

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 5 – WARRANTY UNDERTAKING FORM

Tenderer, on behalf of the manufacturer, acknowledged and agrees that when equipment is under Warranty period of two (2) years, must cover the scope of comprehensive warranty at no additional cost:

- 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.
- Inclusive of Comprehensive Maintenance Service (see below)
- **Exchange warranty**; Providing replacement units or OEM parts for:
  - A. Warranty against defects – Manufacturing defects or Equipment malfunction resulted from mechanical, electrical or software failure during Commissioning or within the first six (6) 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.

### **COMPREHENSIVE MAINTENANCE SERVICE**

Tenderer must provide a comprehensive maintenance during the warranty period. The scope for **Comprehensive Maintenance Service** consists of:

- A. Inspection Maintenance (IM)**
- B. Corrective Maintenance (CM) and**
- C. Planned Preventive maintenance (PPM)**
- D. Breakdown call**

### **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

Tenderer may also attach a list of terms to be excluded from the warranty for MOH consideration and notification

### **A. Inspection Maintenance (IM)**

- Must be conducted every six (6) months starting from commissioning date
- Issuance of IM Report to End User and Biomedical Engineering Unit of respective Facilities (BME)
- Physical hardware checks on main unit/system and all supplied accessories
- System, Software and Application check-up – Update to latest version when available
- Performance and Functional testing
- Servicing/Cleaning of dust

### **B. Corrective Maintenance (CM):**

- During warranty, tenderer must rectify issues arise from any mechanical, technical or software faulty as soon as it is reported including any cost of breakdown repairs.
- Repair and replacement of parts with new, quality, and compatible parts within seven (7) working days after receipt of reported problem by BME.
- Post repair tests with reports to ensure Electrical Safety Test, Performance Test and Functional Test is conducted.

**SECTION 5 – WARRANTY UNDERTAKING FORM**

**C. Planned Preventive Maintenance (PPM):**

- **One time yearly Planned Preventive Maintenance (PPM)** according to Manufacturer’s Preventive Maintenance Guideline, including replacements of PM Kits, any relevant parts to prolong equipment lifespan AND provide a one-time battery replacement for all batteries, either in the last year of the warranty or, if needed, in the year before
- Provide Maintenance Due Date stickers after each PPM or booklet for easy monitoring

**E. Breakdown Call**

Service	Requirement	Performance Standard
<b>Corrective Maintenance – Response Time</b>	Response time are time taken from initial request made by the user to the time technical personnel physically present to assess the request and update status.	Brunei Muara, Tutong and Temburong District: Within 60 minutes from notification. Belait District: Within 120 minutes from notification
<b>Corrective Maintenance – Resolution Time</b>	Time between fault report and restoration of equipment functionality.	Within <b>7 working days</b>

- Attend to resolve any breakdown call after receipt of reported problem by BME Unit of Respective Facilities preferably during office hours, else after office hours or public holidays (only if it is necessary and urgent)
- Downtime: Not more than 7 days after receipt of reported problem by BME unit of Respective Facilities
- If Downtime is expected to be more than 7 days, Tenderer must notify formally to BME unit through email or letter immediately indicating the reason of delay with estimation of:
  - A. Estimated time of parts to arrive and
  - B. Expected no of days for repair completion
- **The downtime permitted after the first 7 working days with notification, should not be more than 10 working days or else, a penalty fee of BND\$50 per day per unit will be charge after the 10<sup>th</sup> day.**

**ANNEX A: DISTRIBUTION LIST**

<b>RIPAS HOSPITAL DISTRIBUTION LIST</b>										
<b>Department / Unit</b>	<b>Location</b>	<b>Bedside Multiparameter monitor</b>			<b>Critical Care Bedside Multiparameter Monitors</b>			<b>Central Monitoring System</b>		<b>Working station</b>
		<b>Configuration:</b>		<b>Total</b>	<b>Numbers of Monitors</b>	<b>Configuration</b>	<b>Total</b>	<b>Quantity</b>	<b>Total</b>	
		<b>Wall mounted</b>	<b>Trolley mounted</b>							
Emergency Department	Priority 1 Adult	-	-	-	13	Wall mounted	16	1	5	1
	Priority 1 Children	-	-	-	3	Wall mounted		1		
	Priority 2 Adult	24	-	43		-	1			
	Priority 2 Children	13	-			1				
	LAVA Quarantine zone	5	-			1				
	Room for Detainees	1	-			-				
Intensive Care Unit (ICU)	ICU 1	-	-	-	9	Wall mounted	43	1	5	1
	ICU 2	-	-	-	16	Wall mounted		2		
	ICU 3	-	-	-	13	Wall mounted		1		
	ICU 3 (Additional)	-	-	-	5	Wall mounted		1		
Acute Medical Unit (AMU)	Ward 3	6	-	14		-	1	2		
	Ward 4	8	-			1				
WCC	Labour room	-	1	8		-				
	Ward 30	-	2							
	Ward 31	-	1							
	Ward 32	-	1							

**RIPAS HOSPITAL DISTRIBUTION LIST**

Department / Unit	Location	Bedside Multiparameter monitor		Total	Critical Care Bedside Multiparameter Monitors			Central Monitoring System		Working station
		Configuration:			Numbers of Monitors	Configuration	Total	Quantity	Total	
		Wall mounted	Trolley mounted							
	Ward 33	-	1							
	Ward 34	-	1							
	Obstetrics OT	-	1							
Observation bay	Ward 1	2	-	40		-				
	Ward 2	2	-							
	Ward 6	4	-							
	Ward 7	4	-							
	Ward 12	4	-							
	Ward 14	4	-							
	Ward 17	6	-							
	Ward 18	6	-							
	Ward 19	4	-							
	Ward 21	4	-							
TOTAL		97	8	105		59		12	2	
		<b>Wall mounted</b>	<b>Trolley mounted</b>							
		<b>Bedside Multiparameter monitor</b>								<b>Critical Care Bedside Multiparameter Monitors</b>

**PMMPMHAMB Hospital Distribution List**

Department / Unit	Location	Bedside Multiparameter Monitors		Critical Care Bedside Multiparameter Monitors			Central Monitoring System		Working Station		
		Configuration		Total	Numbers of Monitors	Configuration	Total	Quantity		Total	
		Wall Mounted	Trolley Mounted								
Emergency Department	<b>NURSING STATION</b>			22	-		2	2	1		
	<b>RESUS ROOM</b> Adult				1	Wall mounted	2	-	1 Unit for: 1. Resus Area 2. Trolley Area 3. Observation Area 4. Suture Room 5. L/Room 6. Iso Room  1 Unit for: 1. Annex Area 2. Flu Clinic	-	
	Children				1	Wall mounted					
	<b>TROLLEY AREA</b> Trolley 9	1	-								
	Trolley 10	1	-								
	Trolley 11	1	-			-		-			
	Trolley 12	1	-								
	Nebs Room	1	-								
	<b>OBSERVATION AREA</b> BAY 1	2	-								
	BAY 2	2	-								
	<b>SUTURE ROOM</b>	1	-								
	<b>LABOR ROOM</b>	1	-								
	<b>ISO ROOM</b>	1	-								
	<b>CONSULTATION ROOMS</b>	2	-								
	<b>TRIAGE ROOMS</b>	3	-								
	<b>ANNEX</b>	2	-								
	<b>FLU CLINIC</b> Triage	1	-								
Resus	2	-									

**PMMPMHAMB Hospital Distribution List**

Department / Unit	Location	Bedside Multiparameter Monitors		Total	Critical Care Bedside Multiparameter Monitors			Central Monitoring System		Working Station	
		Configuration			Numbers of Monitors	Configuration	Total	Quantity	Total		
		Wall Mounted	Trolley Mounted								
MEDICAL WARDS	Male ward	14	-	28				-	-	-	
	Female ward	14									
NIC	ISO 1	9	-	18				1	2	-	
	ISO 2	9	-					1			
	ISO 3	-	-					-		1	
OT	Recovery Area	-	2	2						-	-
DAYWARD	4 bays	8	1	9						-	-
	Sitting Area									-	-
SOPD		-	2	2						-	-
SPECIALIST CLINICS		-	3	3						-	-
O&G CLINIC	Clinic	10	2	12						-	-
	Wards	4	1	5						-	-
<b>TOTAL NUMBERS</b>		<b>91</b>	<b>11</b>	<b>102</b>	<b>2</b>			<b>4</b>		<b>2</b>	
TOTAL		91	11	102	2			4		2	
		Wall mounted	Trolley mounted								
		<b>Bedside Multiparameter monitor</b>			<b>Critical Care Bedside Multiparameter Monitors</b>			<b>Central Monitoring System</b>		<b>Working station</b>	

<b>SSB HOSPITAL DISTRIBUTION LIST</b>			
<b>Location</b>	<b>Bedside Multiparameter monitor</b>		
	<b>Configuration</b>		<b>Numbers of Monitors</b>
	<b>Wall Mounted</b>	<b>Trolley</b>	
Emergency Department	7	4	11
Ward 3, SSBH	3	2	5
Ward 4, SSBH	3	2	5
Ward 5, SSBH	4	6	10
Ward 6, SSBH	6	6	12
Ward 8, SSBH		2	2
Ward 9, SSBH		2	2
Ward 10, SSBH	2	3	5
Ward 11, SSBH	2	3	5
Ward 12, SSBH		1	1
PHY CLINIC, SSBH		1	1
Dermatology Clinic, SSBH		1	1
ENT Clinic, SSBH		1	1
Cardiology Clinic, SSBH		1	1
<b>TOTAL</b>	<b>27</b>	<b>35</b>	<b>62</b>

PIHM HOSPITAL DISTRIBUTION LIST			
Location	Bedside Multiparameter monitor		
	Configuration		Numbers of Monitors
	Wall Mounted	Trolley	
Emergency Department	4	7	11
Male Ward	2	2	4
Female Ward	2	2	4
Paediatric Ward		2	2
Outpatient Department (OPD)		2	2
Physician Clinic		2	2
Specialist Unit		1	1
<b>TOTAL</b>	<b>8</b>	<b>18</b>	<b>26</b>

TENDER REFERENCE NO.: KK/09/2026/HTD

TENDER TITLE: SUPPLY, DELIVERY, INSTALLATION, TESTING AND COMMISSIONING OF BEDSIDE MULTIPARAMETER MONITORS FOR MINISTRY OF HEALTH

COMPANY NAME	:		COMPANY STAMP AND SIGNATURE
COMPANY FOCAL PERSON CONTACT [NAME AND CONTACT NO.]	:		

I hereby on behalf of My Company has made a Site Visit to the following site/location on the date stated below and understand the work requirement(s) and all specification stated in this tender document.

I (My Company) also agree not to make any additional claim to MOH should any accident(s) or damage(s) occur during the implementation period.

SITE/LOCATION	:	RIPASH
DATE OF SITE VISIT	:	_____

VERIFIED BY:
BME RIPASH

SITE/LOCATION	:	PMMPMHAMBH
DATE OF SITE VISIT	:	_____

VERIFIED BY:
BME PMMPMHAMBH

**FOR  
OFFICIAL  
USE  
ONLY:**

SITE/LOCATION	:	SSBH
DATE OF SITE VISIT	:	_____

VERIFIED BY:
BME SSBH

SITE/LOCATION	:	PIHMH
DATE OF SITE VISIT	:	_____

VERIFIED BY:
BME PIHMH

The Contractor must visit the site before quoting any price for the work stated in this Tender and shall satisfy himself as to the nature of work and site condition. The Contractor must fill in this form and obtain signature from the Biomedical Engineer (BME) as verification for having visited the Site. Failing to do so will lead to **disqualification** from this Tender.

NO.	TERMS AND CONDITIONS
1	Tenderer must be registered with the Ministry of Health.
2	<b>TENDER FORM should be filled</b> completely including the <b>USER REQUIREMENT FORM</b> (if available). Submission of incomplete form <b>MAY</b> cause <b>DISQUALIFICATION OF TENDER</b> .
3	Each tenderer is allowed to quote <b>ONE BRAND WITH ONE PRICE ONLY</b> for each item. Submission of more than one brand and price will cause <b>DISQUALIFICATION OF TENDER</b> .
4	All consumables supplied throughout this tender <u>shall</u> have a minimum expiry date of <b>twelve (12) months / on delivery</b> (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	<b>DELIVERY PERIOD:</b> (Please state) Not More Than <b>90 days</b> upon confirmation
9	<b>PRICE VALIDITY:</b> The quotation shall remain valid for <b>12 MONTHS</b> 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 <b>newly manufactured, unused, and in its original, sealed packaging</b> . The equipment must not be previously owned, refurbished, or reconditioned in any form. During <b>delivery</b> , the vendor is required to <b>provide proof of manufacture date confirming the equipment is new</b> .