

ITEMS FOR EMERGENCY PROCUREMENT UNDER RA 11469
BAYANIHAN TO HEAL AS ONE ACT

Item No.	Item/Specification	Quantity	Unit	Ceiling Price Per Unit	Total Amount
1	Supply, Delivery, Testing and Commissioning of Brand New One (1) Unit Two (2) Dimension Echocardiology System (2D Echo)	1	unit	2,600,000.00	2,600,000.00
	1. Physical Characteristics:				
	a. At least 15 inch monitor that can be tilted up to -10 degrees and +65 degrees and can be rotated at least -90 and +90 degrees				
	b. With keyboard for easy patient data annotation and report entries				
	c. With trackball for first and easy control of equipment functions				
	d. With built-in image printer and built-in digital image archiving				
	e. With built-in DVD writer and USB port				
	f. Mounted on a cart with 4 anti-static wheels with brakes				
	2. Power Supply				
	220V, 60Hz with at least 2 KVA Uninterruptible Power Supply (UPS) that can provide back-up power of up to 30 minutes				
	3. Technical Characteristics				
	A) Displays/Indicators:				
	1. Display channel				
	Electrocardiogram (ECG) amplifier and display in addition to at least one other physiological amplifier display				
	2. Adequate resolution				
	a. Adult				
	Axial less than 0.5mm at all depths and less than 2mm in focal zones				
	Slice thickness of less than 8mm at all depths				
	b. Pediatric				
	Axial less than 0.3mm, lateral less than 3mm at all depths and less than 1mm in focal zone				
	Slice thickness of less than 8mm at all relevant depths				
	3. Multiple image display				
	Capable of displaying at least two images in same mode simultaneously				
	4. Multi-mode Display				
	Simultaneous display of B, M spectral, CD and power Doppler modes				
	B) Functions				
	1. Brightness (B) mode with tissue harmonic imaging				
	2. Focal level/Focal depth adjustment				
	3. Adjustment of frequency range on all transducers				
	4. Capability to select at least three transducers without physical removal and reconnection				
	5. Gain and Time Gain Compensation (TGC) control				
	6. Operator-controlled multiple and adjustable focal zones				
	7. Provision for scanning pre-sets				
	8. Measurement of linear and curved distances, areas and volumes				
	9. Look-up tables to link measurements to relevant clinical applications				
	10. Cine-loop capability				
	11. Automatic and manual calculation of waveform indices				
	12. Capability of operator application presets				
	13. Magnification using both read and write zoom				
	14. Freeze and replay capabilities				
	15. Capability of displaying at least 5 measurements simultaneously				
	16. Patient identification and entry of other relevant clinical information				

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	17. Capability of displaying, Patient name, Institution Name, Transducer type, date, time, frame rate/resistence, Thermal Index (TI) and Mechanical Index (MI)				
	C) Modes				
	1. 2 Dimension (2D), Motion (M) mode				
	2. Anatomical M mode				
	3. Continous Wave (CW) Doppler				
	4. Pulsed-Waved (PW) Doppler				
	5. Color Doppler				
	D) Spectral Doppler: Range gate accuracy of less than 1mm				
	E) Color Doppler: Adjustable thump filter				
	F) Microbubble Imaging: Suitable scanning mode capability				
	G) Adequate penetration: At least 15 cm of normal tissue				
	H) Transducers <i>(The transducers must have been steering capability)</i>				
	1. Adult Echo Transducer				
	2. Pediatric Echo Transducer				
	3. Curved array probe for fetal echocardiography				
	4. Adult trans-esophageal probe				
	5. Neonatal transthoracic probe				
	Note: The bidder must declare all transducer frequency ranges and applications in the bid specifications.				
	I) Software and applications for trans-esophageal and echocardiography (including Doppler) and other cardiac function analysis applications (such as lumes border measurement and analysis, mitral valva analysis, etc.) must be installed.				
	J) The equipment must be compliant with Digital Imaging and Communications in Medicine (DICOM) 3 and must be compatible with color inkjet printers.				
	K) Accessories				
	1. Thermal printer				
	2. DVD burner				
	L) Non-removable embossed DOH - EAMC letters on the visible part of thr equipment.				
	Documentary Requirements				
	1. Certificate of availability of stocks and can deliver within the prescribed delivery schedule.				
	2. Product brochure or technical sheet(s) of the equipment showing the technical specifications in English language.				
	3. Valid and current Certificate of Compliance of manufacturer of the equipment with the latest version of ISO 13485: Quality Management System - Requirements for regulatory purposes in the name of the manufacturer . The Certificates must be issued by an independent Certifying Body/Agency.				
	4. Valid Marketig Authorization, Registration Approval or Free Sale certificate for the equipment issued by the Health Authority in the country of origin.				

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	5. Valid Certificate of Distributorship (as first Tier Distributor) issued by the Manufacturer of the equipment authorizing the bidder to sell/distribute the offered equipment.				
	6. List and address of the equipment manufacturer's branch office, sales office and/or distributor's office in any of the following:				
	a) Western Europe;				
	b) USA or Canada and:				
	c) Japan				
	7. Proof (such as sales invoice) that the Brand of the equipment has been sold to other health facilities in the Philippines.				
	8. Notarized Certificate from the bidder:				
	a) That the brand of the equipment has been in the local and/or international market for atleast ten (10) years.				
	b) That the equipment and its accessories are brand new, unused, not discontinued models and were not subjected to any product recall.				
	c) Bidder's valid and current License to Operate (LTO) as a medical device distributor issued by the Philippine Food and Drug Administration. In case of expired LTO, the following must be submitted:				
	Copy of expired LTO				
	Application for renewal				
	Official Receipt as proof of payment for the renewal of LTO				
	Requirements if awarded the Contract				
	1. Delivery and Completion Schedule: Ten (10) working days with no extension upon receipt of approved NOA and NTP. Failure to comply with the delivery schedule shall mean forfeiture of the contract.				
	2. Testing: Prior to acceptance, the COVID Task Force, End user, HBAC shall conduct a physical inspection and functionality test. The equipment must be functioning and must have no physical damage and defect.				
	3. Training: The supplier shall provide a training on the proper use and maintenance of the equipment to the end-users and to the hospital maintenance staff. The training must consist of familiarization of the equipment controls, displays, functions, settings, etc. Specialized applications training for Doppler and 2D echo and other cardiac capabilities of the ultrasound machine.				
	4. Warranty: Warranty certificate for One (1) year on PARTS and on SERVICES . The supplier shall either repair or replace any item or part in the equipment that is found to be defective in material or in workmanship under normal use. The warranty period shall commence from the date of acceptance by the end-user after testing and commissioning.				
	5. Notarized undertaking that the supplier shall conduct the necessary corrective maintenance within five (5) calendar days upon notification of the equipment breakdown from the end-user. The undertaking shall include a statement that the number of days where the equipment is unusable due to defective material or workmanship, shall be added to the warranty period.				
	6. Manuals: The supplier must provide Manual in English Language (2 hard copies and 1 soft copy of Operator's/User's Manual and 2 hard copies and 1 soft copy of Service/Technical and Maintenance Manual) upon delivery				

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Item No.	Item/Specification	Quantity	Unit	Ceiling Price Per Unit
1	Supply, Delivery, Testing and Commissioning of Brand New 15 Units of Multi-Parameter Patient Monitor	15	units	128,000.00
	Technical Specifications			
	A. Display Monitor			
	a) At least 12 inches size			
	b) Color TFT touch screen			
	c) Capable of displaying 4 to 6 waveforms			
	B. ECG/Cardiac Monitoring			
	a) ECG waveform display (at least 3 waveforms; Lead I, lead II, Lead III) and with corresponding beep sound on each QRS waveform.			
	b) Heart rate display			
	c) With Arrhythmia Analysis, ST Calculation and Pace Analysis			
	d) Lead selection switch			
	e) Sensitivity switch: 2.5 to 2.0 mm/mv			
	f) Filter switch for interference from:			
	Mains power frequency			
	Low and high pass signal			
	g) Common Mode Rejection (CMR): more than +100dB			
	h) ECG signal measurement range: -2mV to +2mV			
	i) Frequency range: At least 0.67 to 150Hz or wider range			
	j) Input impedance: 2.5 MΩ at 10Hz			
	k) Frequency response: -3db at 0.5Hz to 100Hz			
	l) Automatic internal data storing for at least 40 ECG records			
	m) ECG leads connector for at least 3-lead patient cable (protection from interference)			
	n) Patient cable with at least 3 leads and with electrical screening			
	o) ECG recorder/printer capable of printing at least 4 waveforms simultaneously, Arrhythmia Analysis, ST Calculation and Pace Analysis and heart rate, etc.			
	C. Pulse Oximeter			
	a) Hinge finger probe or rubber finger probe and ear sensors for adult, pediatric and infant use. The connection of the probes to the main unit must have locking mechanism.			
	b) Oxygen saturation (SpO ₂): 70 up to 99% with minimum graduation of 1%.			
	c) Pulse rate in beats per minute (bpm). Pulse rate range at least 30 to 240 bpm, with minimum graduation of 1 bpm.			
	d) Pulse waveform or indicator that illustrates the strength of pulse being detected.			
	e) SpO ₂ limit alarm activation settings			
	f) Pulse rate limit alarm activation settings			
	g) Alarm sound level adjustment and alarm override and temporary silence control.			
	a. Accuracy of SpO ₂ measurement: ±3%			
	h) Accuracy of pulse rate measurement: ±5 bpm			
	D. Temperature Measurement			
	a) Digital Thermometer			
	b) Body temperature measured at degrees Celsius with measurement range of 32-43°C			
	c) Measurement accuracy: +/- 0.1°C between 35°C to 41°C			
	E. Non-Invasive Blood Measure Monitor (oscilometric method)			

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	a) Inflatable rubber cuff surrounded by durable and flexible cover with Velcro strips			
	b) Rubber tubes eith atleast 30cm in length			
	c) Systolic and diastolic blood pressure measurement with a maximum pressure reading of 300mmHg			
	d) Reading accuracy: ± 5 mmHg or better			
	e) Measures blood pressure atleast every 10 minutes			
	F. Respiratory Monitoring			
	a) Thoracic impedance measurements via ECG leads			
	b) Breaths per minute with measurement range of 0-120 BPM			
	c) Respiratory waveform display			
	d) Measurement accuracy: ± 3 BPM or better			
	G. Safety Features			
	a) Protection against defibrillation and electrosurgical equipment			
	b) Equipment compatible with patients with pacemakers			
	c) Degree of protection against electrical shock: Type CF			
	d) Alarms (the equipment must have an alarm setting switch and sound adjustment switch)			
	i. Arrhythmia			
	ii. Ventricular fibrillation			
	iii. Tachycardia			
	iv. Bradycardia			
	v. Electrode and/or sensor disconnection			
	vi. High and low SpO ₂			
	vii. High and low pulse rate			
	viii. Sensor failure			
	ix. Apnea Alarm			
	x. Low battery			
	H. Power Supply			
	a) Autovolt at 100-240V AC, 60Hz or 220V, 60Hz with an external Automatic Voltage Regulator (AVR) atleast 1 KVA capacity			
	b) With internal re-chargeable backup battery that can allow the equipment to operate up to 3 hours			
	I. Mobility			
	Mounted on a pole stand aor cabinet cart with 4 anti-static and rust-free swivel wheels with two locking brakes cart with brakes.			
	J. Accessories			
	a) Protective case			
	b) Two (2) sets of ECG electrodes			
	K. Non-removable embossed DOH - EAMC letters on the visible part of the equipment			
	L. IF CENTRAL MONITORING IS REQUIRED BY THE PROCURING ENTITY			
	a) The Patient Monitor must have a provision for telemetry data transmission for central monitoring			
	b) Central Station Monitoring System			
	i. Display Monitor: Color LED touch screen with resolution of atleast 1920 x 1080 pixels and at least 32 inch size			
	ii. Data reception must be through telemetry			
	iii. With licensed Operating System software			
	iv. Capable of receiving and displaying data simultaneously from at least 16 patient monitors			
	v. Capable of trend review per patient			

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Item No.	Item/Specification	Quantity	Unit	Ceiling Price Per Unit
	vi. Capable of alarm history review			
	vii. Capable of freezing data for further review and analysis			
	viii. Capable of graphic and tabular data trend presentation			
	ix. CPU: at least 2 processors with minimum of 4 cores and 4 threads, minimum of 2.6 GHz			
	x. RAM: atleast 16GB			
	xi. Video Card: atleast 4GB video RAM			
	xii. Hard drive/storage: atleast 2TB			
	xiii. USB ports			
	xiv. Licensed Operating System (OS)			
	xv. 220V, 60Hz			
	xvi. Accessories: Keyboard, mouse, external speaker, Automatic Voltage Regulator, laser printer			
	Documentary Requirements			
	1. Certificate of availability of stocks and can deliver within the prescribed delivery schedule.			
	2. Product brochure or technical data sheet(s) of the equipment showing the technical specifications in English language.			
	3. Valid and current Certificate of Compliance of manufacturer of the equipment with the latest version of ISO 13485: Quality Management System - Requirements for regulatory purposes in the name of the manufacturer. The certificates must be issued by an independent Certifying Body/Agency.			
	4. Valid and current Certificate of Compliance and/or Test Report on the latest version of IEC 60601-2-27 Particular requirements for the basic safety and essential performance of electrocardiographic Monitoring equipment. The Certificate and/or Test Report must be issued by an independent Certifying Body/Agency.			
	5. Valid Marketing Authorization, Registration Approval or Free Sale Certificate for each equipment issued by the Health Authority in the country of origin.			
	6. Valid Certificate of Distributorship (as first Tier Distributor) issued by the Manufacturer of each equipment authorizing the bidder to sell/distribute the offered equipment.			
	7. List and address of the equipment Manufacturer's branch office, sales office and/or distributor's office in Western Europe, USA (or Canada) or Japan.			
	8. Proof (Such as sales invoice) that the brand of the equipment has been sold to other health facilities in the Philippines.			
	9. Notarized Certificate from the bidder:			
	a) That the brand of the equipment has been in the local and/or international market for at least ten (10) years.			
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Total Amount

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Item No.	Item/Specification	Quantity	Unit	Ceiling Price Per Unit	Total Amount
1	Laryngoscope Set "Green System" with 1 Std handle and McIntosh Blades # 2,3,4 (Pedia)	1	set	12,500.00	12,500.00
2	Laryngoscope Set "Green System" with 1 Std handle and McIntosh Blades # 1,2,3,4 (Adult)	4	set	12,500.00	50,000.00
	Certificate of availability of stocks and can deliver within the prescribed delivery schedule.				
	Requirements if awarded the Contract:				
	1. Delivery and Completion Schedule: Ten (10) working days with no extension upon receipt of approved NOA and NTP. Failure to comply with the delivery schedule shall mean forfeiture of the contract.				
	2. Testing: Prior to acceptance, the COVID Task Force, End user, HBAC shall conduct a physical inspection and functionality test. The equipment must be functioning and must have no physical damage and defect.				
	3. Training: The supplier shall provide an orientation/ training on the proper use and maintenance of the equipment to the end-users.				
	4. Warranty: Warranty certificate for One (1) year on parts and services. The supplier shall either repair or replace any item or part in the equipment that is found to be defective in material or in workmanship under normal use. The warranty period shall commence from the date of acceptance by the end-user after testing and commissioning.				
	6. Manuals: The supplier must provide Manual in English Language (2 hard copies and 1 soft copy of Operator's/User's Manual and 2 hard copies and 1 soft copy of Service/Technical and Maintenance Manual) upon delivery				
				TOTAL AMOUNT	62,500.00