



REPUBLIC OF THE PHILIPPINES  
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**SECTION VII**

**Technical Specifications**

**PUBLIC BIDDING FOR THE SUPPLY, DELIVERY, INSTALLATION, TESTING AND COMMISSIONING OF VARIOUS BRAND-NEW EQUIPMENT FOR ERCI CY 2024**

**IB No. E-014-2024-PB**

**INSTRUCTION:** Bidders must state here either “Comply” or “Not Comply” against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of “Comply” or “Not Comply” must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer’s un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidders statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the provisions of ITB Clause 3.1(a) (ii) and/or GCC Clause 2.1(a)(ii).

Item	Specification	Statement of Compliance	Supporting Documents for the Statement of Compliance (if applicable)
1	<b>DEFIBRILLATOR</b> - with AC/DC and rechargeable battery (at least 140 minutes monitoring) - 150 shocks at 360 - LCD display - 1.5A, biphasic, ECG and SpO2 monitoring - synchronized cardioversion - AED and synchronized modes - with SpO2 - Pacer - NIBP - EtCO2 and Bluetooth transmission options		

	- max 360 joules		
	- internal storage up to 300 events		
	- data card/CF memory card		
	- thermal array printer		
	- plug and play system to add new options		
2	<b>PATIENT MONITOR</b>		
	- 15.6" or 12.1"		
	- color TFT		
	- touch screen		
	- 12 -L ECG		
	- Resp., SpO2		
	- NIBP		
	- Temp		
	- CO2		
	- IBP		
	- Multi-gas		
	- CO		
	- multi-language interface (including English)		
	- fanless design		
	- quiet energy -saving and clean (decreased possibility of cross-infection)		
	- all-around monitor for adult, pediatric, and neonate		
	- with standard interface		
	- Oxygen graph		
	- trend graph		
	- big character interface and view bed		
	- up to 12 channels displayed on screen		

	- precise ECG measurement with pacemaker detection		
	- dedicated software and parameter for Anesthesia, PACU, Critical Care, Emergency CARE and NICU		
	- user-controlled view from 8-14 waveforms with overlays and insteps		
	- full data connectivity and integrated USB ports for a keyboard, mouse barcode reader, and other data entry device attachments including printer (one touch printing trend)		
	- exchangeable lithium-ion battery with battery life of 150 cycles to 80%capacity		
	- number traces:8 individual up to 14 with overlays and insets		
	- sweep speed 0.25,6.25,12.5,25;50 mm/sec		
	- I/O/connectors:mounting		
	- paper recorder		
	- control system		
	- pivoting module frame		
	- patient side module		
	- alarms with transport trolley/cart		
3	<b>ECG MACHINE</b>		
	- Display: 3/6/12-lead/channel ECG waveform color touch screen display and diagnostics		
	- high resolution thermal-array output system		
	- frequency response up to 150Hz		
	- set of limb and chest electrodes and pads		
	- set of patient cable		
	- power cord		
	- USB PC software		
	- WIFI capable		
	- with thermal printing system (A4 size), and support different print modes		

	- multi-language interface (including English)		
	- power supply: AC/DC, with rechargeable lithium battery, charging circuit, perfect over-current and over-voltage protection unit		
	- 1000 cases stored with built-in memory		
	- clinical information encoding-capable		
	- with trolley or cart		
4	<b>INFUSION PUMP</b>		
	- high precision mechanical structure ensures high accurate infusion $\square 2\%$ (mechanical accuracy $\leq 1\%$ )		
	- history log		
	- nurse call port		
	- power saving and safe sleep function		
	- wireless module connection to infusion monitoring system		
	- dual CPU		
	- one-key press		
	- 3.2" TFT color screen and LED display		
	- definable syringes		
	- detachable and high-capacity battery		
	- night mode and power-saving mode' adjustable occlusion alarm levels		
	- different color design for AB channel		
	- with infusion modes rate, time, sequential mode, body weight, micro-infusion, ramp up/down; drug library		
	- occlusion pressure unit		
	- mmHg, PSi, BAR		
	- with air bubble detection mechanism		
	- water proof grade		
	- IP23		

	- universal IV sets are compatible		
	- Pre-configuration of infusion set brands possible		
	- type of shock protection: class i type CF		
5	<b>Patient Transport Stretcher</b>		
	- Outer dimensions (side rail up (L1970xW660 (+ 10mm)		
	- mattress platform (L1930xW610mm)		
	- max backrest angle > 70 (up to 90) max thigh rest>25, high of side rails (above mattress platform): 380mm(+10mm)		
	- safe working load:200kgs		
	- with x-ray compatible bed surface and built in x-ray cassette holder		
	- double lock with 4 hooks IV pole		
	- pole with head and foot safety features wheel		
	- 4 wheels, central lock, with 5th wheel for easy maneuverability, anti-static		
6	<b>HOSPITAL BED</b>		
	- with railings		
	- split side rails—up		
	- L215cm x W115cm		
	- removable mattress platform		
	- mattress holder		
	- floor-to-bed height (low): 50cm		
	- floor-to-bed height (high): 75cm		
	- bed surface area: 200x90cm		
	- back section lift: 0°- 85° (+/-5°)		
	- leg section lift 0°- 45° (+/-5°)		
	- bed frame material: corrosion-resistant steel frame and legs		
	- bed base type: 4-section powder-coated steel bed sheet with ventilation holes		

	- side rails: aluminum folding side rails/ABS hydraulic side rails		
	- head board and foot board: ABS material and design		
	- casters: four (4) units of 5-inch wheel caster		
	- brake system: diagonal (2 x wheel caster with brake) or Central Locking		
	- crank system: three (3) units		
	- maximum weight capacity: 250kg		
	- net weight: 80 kg		
	- protective corner bumpers		
	- accessories: Four (4) IV pole sockets (one per corner)		
	- with four (4) hooks, (U-shaped or spiral hook) with detachable stainless-steel IV pole		
	- securely holds intravenous infusion bags or bottles		
	- height: 46-78 cm		
	- with name place for patients		
	- urine bag hook		
	- with available spare parts		
	- with certification and after sales service		
7	<b>Video Laryngoscope</b>		
	- LCD monitor display: At least 640x480RGB resolution		
	- 4:3 aspect ratio		
	- video refresh RATA @30FPS		
	- File storage in JPEG or MP4		
	- at least 16gb—upgradeable to at least 256gb		
	- connect to PC via USB		
	- Camera and image: 2.0M pixels		

	- $\geq 60^\circ$ , $\geq 1000$ LUX illuminance, working distance: 20mm-100mm, $\geq 5000$ K color temperature, color reduction grade $\geq 4$		
	- Power/battery: Rechargeable lithium battery, with battery life cycle more than 500 times, AC100-240V, 50/60Hz, 50VA, charging times <4 hours		
	- Size: 245x100x130mm		
	- Weight: <0.5kg		
	- Anti-fog blade and camera		
	- real-time situational awareness, position & environment-sensitive		
	- WIFI & HDMI capable for duplication and data transmission		
	- single-use blades in all sizes (adult and child)		
8	<b>Portable Ultrasound Machine</b>		
	- Acclarix AX3 Compact		
	- Compact light weight design		
	- Dual sockets design		
	- 15'HD Monitor		
	- 256g SSD		
	- TAI-Tissue Adaptive Speckle Reduction Imaging		
	- Frequency Compounding imaging		
	- Adaptive Spatial Compounding Imaging		
	- Harmonic Imaging		
	- B mode one-key Optimization		
	- PW mode one-key Optimization		
	- Digital multi-beam forming		
	- Trapezoid Imaging		
	- Adaptive Doppler trace		
	- Color M Mode		

	- anatomic M Mode –TDI-Tissue Doppler Imaging		
	- Auto IMT		
	- Needle Visualization		
	- eLearn Instruction Software		
9	<b>OR Light Mobile type LED</b>		
	- Illuminating(adjustable)40,000-180,000Lux Bulb Quantity 61Bulb type German OSRAM led bulb, bulb Life(h)>50,000h		
	- Color temp (Kelvin) 3700k-5000k		
	- color rendering index (Ra) 85-98		
	- Illuminating depth 50-180cm		
	- spot diameter (mm) 160-280mm		
	- Light Adjust range 1%-100%		
	- Consume power 65		
	- temp. rise (doctor head) <1c		
	- input power AC100-240V 50/60HZ		
	- best Install height(m) 2.7-3m		
10	<b>Fetal Monitor</b>		
	- Compact design		
	- it can be placed horizontally or hung on the wall		
	- Color LCD,60 convertible screen		
	- Area mark for normal FHR (120 BPM-160 BPM)		
	- Real-time monitoring for continuous 24 hours		
	- Storage, playback and print the monitoring curve for continuous 12 hours		
	- Optional interface languages; Chinese and English		
	- A three-in-one transducers (Ultrasound Transducer, Remote marker)		
	- Two abdomen built		



- an earth line		
- Record paper (two sets)		
- A power card		
- two fuses		
- Dimension 320mm(L)x260mmx80mm(H)		
- Weight about 3 kg		
- Wide FHR range, optional twins monitoring		
- Support the functions of cache print, segments print, timing duration range 10-1440min		
- Working voltage: AC 100V-240 V		
- Frequency 50Hz/60 Hz		
- P<60VA		
- Fuse: T1.6A1250V		
- Print		
- Network interface: RJ 45		
- ultrasound probe		
- Nominal Frequency 1.0MHz		
- Work Frequency: 1.0MHz+10%		
- Negative peak sound pressure $p_{-} < 1\text{MPa}$		
- output beam intensity $I < 20\text{ mW/cm}^2$		
- The peak intensity $I < 100\text{mW/cm}^2$		
- The average time space peak intensity $I < 10\text{mW/cm}^2$		
- FHR		
- Range:50BPM-240BPM		
- Resolution:1BPM		
- Accuracy +2BPM		
- TOCO		

- Range 0-100%		
- Resolution 1%		
- Nonlinear error<+10%		
- RZ ways: manual		
- Fetal Marking		
- Manual button		

**CONFORME:**

*(Company Name)*

*(Name and Signature of Authorized Representative)*