



Republic of the Philippines
Department of Health
METRO MANILA CENTER FOR HEALTH DEVELOPMENT

SUPPLEMENTAL/ BID BULLETIN NO. 1

**IB2024 – 047E
PROCUREMENT OF ECG MACHINE, 12-CHANNEL**

This Supplemental/Bid Bulletin No. 1 is being issued to revise provisions/specifications in the Bidding Documents for a forecited project:

1. Query during Pre-bidding Conference:

Technical Specifications	Query	Response of the End User Unit
Capable of displaying 3/6/12-lead ECG waveform on one screen.	Capable of displaying 3/5 or 6/12-lead ECG waveform on one screen.- for clarification	Capable of displaying 3/5 or 6/12-lead ECG waveform on one screen. RETAIN
Capable of providing measurement results and auto-diagnosis for Heart Rate (HR), PR Interval, P Duration, QRS Duration, T Duration, QT/QTc Interval, P/QRS/T Axis, R(VS), S(VI), R(VS)+S(VI) amplitude, and Cornel Index.	Capable of providing measurement results and auto-diagnosis for Heart Rate (HR), PR Interval, P Duration, QRS Duration, T Duration, QT/QTc Interval, P/QRS/T Axis, R(VS), S(VI), R(VS)+S(VI) amplitude, and Cornel Index. Or its equivalent	Capable of providing measurement results and auto-diagnosis for Heart Rate (HR), PR Interval, P Duration, QRS Duration, T Duration, QT/QTc Interval, P/QRS/T Axis, R(VS), S(VI), R(VS)+S(VI) amplitude, and Cornel Index or its equivalent
Printed content must contain time, paper speed, sensitivity, calibration signal, name of lead, filter state, and patients' information	Printed content must contain time, paper speed, sensitivity, calibration signal or its equivalent , name of lead, filter state, and patients' information	Printed content must contain time, paper speed, sensitivity, calibration signal or its equivalent , name of lead, filter state, and patients' information
Display: Color LCD with resolution of at least 1280 x 800	Display: Color LCD with resolution of at least 1280 x 800 removed	Display: Color LCD with a resolution of at least 1280 x 800 or better
Printer - With built-in thermal printer which supports Auto M*N, Auto M*N+1, Auto M*N+2, Auto M*N+3, rhythm M line, manual and other printing modes. Memory: can store up to 4000 medical records	Printer - With built-in thermal printer which supports Auto M*N, Auto M*N+1, Auto M*N+2, Auto M*N+3, rhythm M line, manual and other printing modes or its equivalent Memory: can store at least 200 medical records with USB port - for clarification	Printer - With a built-in thermal printer that supports Auto M*N, Auto M*N+1, Auto M*N+2, Auto M*N+3, rhythm M line, manual, and other printing modes or its equivalent Memory: can store at least 200 medical records with a USB port RETAIN
Battery - At least 5000 mAh built-in rechargeable battery and charging circuit that can last up to 10 hours during standby and 3 hours during continuous operation.	Battery - At least 5000 mAh built-in lithium ion rechargeable battery and charging circuit that can last up to 10 hours during standby and 3 hours during continuous operation.	Battery -Built-in lithium-ion rechargeable battery that can last up to 3 hours during continuous operation or better.
Completion Period: The delivery, installation, testing and commissioning of the equipment and		

its accessories, including the training of end-users and maintenance staff must be completed with 60 calendar days upon receipt of Notice to Proceed

Bidders are advised to use the **following attached forms and submit them together with all required documents for the submission of bids on the 14th day of June 2024, 9:00 AM:**

This Supplemental/Bid Bulletin No. 1 shall be integral to the Bidding Documents. All other provisions indicated in the bidding documents not affected by this Supplemental/Bid Bulletin No. 1 shall remain in effect.

For guidance and information of all concerned.

Issued this 7th day of June 2024 in MMCHD

Approved by:

SGD.

JEREMIAS FRANCIS Y. CHAN, MD

Licensing Officer V / BAC Chairperson

VII Technical Specification

Republic of the Philippines Department of Health Metro Manila Center for Health Development			
TECHNICAL SPECIFICATIONS			
Item No. 1	PROCUREMENT OF LABORATORY INCUBATOR	Qty./Unit	2 Units
Name of Manufacturer:			Country of Origin

Brand:	Model: (if applicable)
ABC: 600,000.00	
PURCHASER'S SPECIFICATION	STATEMENT OF COMPLIANCE
<p>TECHNICAL SPECIFICATIONS:</p> <ul style="list-style-type: none"> • Capacity: At least 50 L chamber capacity • Dimensions: Manufacturer's Standard <p>CONSTRUCTION</p> <ul style="list-style-type: none"> • The incubator's main body shall be constructed from 1.2mm 18-gauge electro-galvanized steel • The incubator shall come with antimicrobial coating on all painted surfaces to inhibit microbial growth • The incubator chamber is 1.2mm 18-gauge stainless steel 304 • The incubator shall have a 2-point door seal and eccentric hinge to ensure maximum gasket compression • Fan: must be permanently lubricated and maintenance-free • The incubator shall come with an access port for temperature validation and mapping • The incubator shall have an inner glass door for sample viewing • Power: 220VAC, 50/60Hz • The incubator must employ forced air convection system • Fan can be set to 0 to emply the natural convection system • Fan speed shall be adjustable for optimal air exchange rates • With multiple, adjustable over-temperature protection system • Temperature variation: at 37°C is $\pm 0.3^{\circ}\text{C}$ • Should have a microprocessor PID control technology for all incubator functions • Connected to an instrument-grade precision platinum temperature probe • Ensures fast ramp time • Prevents overshoot • Ensures stable temperature once set point is achieved • Has twin temperature display (Actual and Set Point) • Audible and visual alarms for over-temperature 	
<p>Requirements if awarded the Contract</p> <p>1. Completion Period: The delivery, installation, testing and commissioning of the equipment and its accessories, including the training of end-users and maintenance staff must be completed with 60 calendar days upon receipt of Notice to Proceed.</p> <p>2. Testing: Prior to acceptance, the end user shall conduct a physical inspection and functionality test. The equipment must be functioning and must have no physical damage and defect.</p> <p>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 within 3 days upon the delivery of the equipment.</p> <p>4. Warranty</p> <p>a) Warranty certificate for two (2) years on parts and service. The supplier shall either repair or replace any item or part in the equipment that is found to be defective in material or workmanship under normal use. The warranty period shall commence from the date of acceptance by the end-user after testing and commissioning.</p>	

