SUPPLEMENTAL/ BID BULLETIN NO. 1

IB2024 – 078E
PROCUREMENT OF 4 UNITS 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**
Display: Color LCD with resolution of at least 1280 x 800	**Display**: Color LCD with resolution of at least 800 x 600	**Display**: Color LCD with resolution of at least 800 x 600 GRANTED
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 with end user	Capable of displaying 3/5 or 6/12-lead ECG waveform on one screen.- GRANTED
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 GRANTED
Connectivity: Wi-Fi, LAN and USB connection	**Connectivity**: ~~Wi-Fi~~, LAN and USB connection	**Connectivity**: ~~Wi-Fi~~, LAN and USB connection GRANTED
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	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 manufacturer's standard	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 manufacturer's standard GRANTED

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	Printed content must contain time, paper speed, sensitivity, calibration signal or its equivalent GRANTED
Memory: can store up to 4000 medical records	Memory: can store at least 200 medical records with USB port or Manufacturer Standard	Memory: can store at least 200 medical records with USB port or Manufacturer Standard GRANTED
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 - Built-in lithium ion rechargeable battery and charging circuit that can last at least 6 hours during standby and 2 hours during continuous operation	Battery - Built-in lithium ion rechargeable battery and charging circuit that can last at least 6 hours during standby and 2 hours during continuous operation GRANTED

Bidders are advised to use the **following attached forms and submit them together with all required documents for the submission of bids on the 22nd day of August 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 13th day of August 2024 in MMCHD

Approved by:

JEREMIAS FRANCIS Y. CHAN, MD
Licensing Officer V / BAC Chairperson

Republic of the Philippines
Department of Health
Metro Manila Center for Health Development

TECHNICAL SPECIFICATIONS

Item No. **1**	**ECG MACHINE, 12-CHANNEL**	Qty./Unit	**4 UNITS**
Name of Manufacturer:			Country of Origin
Brand:			Model: (if applicable)
ABC: **P720,000.00**			
PURCHASER'S SPECIFICATION			STATEMENT OF COMPLIANCE
TECHNICAL SPECIFICATIONS: • **Features** - Operates with touch screen and function buttons - Synchronized collection for 12-lead ECG, supports 12-lead and Cabrera-lead waveform - Adopts digital signal processing technology and get high-quality ECG via power frequency filter, baseline filter, EMG filter and Low-pass filter for ECG signals. *- Capable of displaying 3/5 or 6/12-lead ECG waveform on one screen.-* - Capable of displaying HR value, print mode, sensitivity, paper speed, filter state, clock, battery level, background grid lines, measured data and interpretation information. - Capable of auto-measurement and auto-interpretation for routine ECG parameters. *- 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(V5), S(V1), R(V5)+S(V1) amplitude, and Cornel Index or its equivalent*			

- Must be powered by AC and DC • ***Display**: Color LCD with resolution of at least 800 x 600* • **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 Manufacturer Standard* *- Printed content must contain time, paper speed, sensitivity, calibration signal or its equivalent* • *Memory: can store at least 200 medical records with USB port or Manufacturer Standard* • **Recording Paper**: high-speed thermal paper • **Sampling precision**: 24-bit • **Waveform data sampling frequency**: 1 kHz • ***Connectivity**: LAN and USB connection* • **Battery** *- Built-in lithium ion rechargeable battery and charging circuit that can last at least 6 hours during standby and 2 hours during continuous operation.* - With battery overcurrent and overvoltage protection circuit. • **Power Supply**: 220VAC, 50/60Hz	-
Requirements if awarded the Contract 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 **30** calendar days upon receipt of Notice to Proceed. 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. 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. 4. **Warranty** 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. b) Preventive maintenance at least every six (6) months or according to the manufacturer's recommendations; c) Corrective maintenance within five (5) calendar days upon notification from the end-user regarding equipment breakdown/defects. d) The number of days where the equipment is unusable due to equipment defects/faults shall be added to the warranty period. e) The supplier shall specify post-warranty comprehensive preventive maintenance costs including list and prices of major spare parts of the equipment for three (3) years after the warranty period. 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 the end-user one (1) hard and one (1) soft copy of the following: a) Service manual in English language b) Operation manual in English language 7. With "**DOH-MMCHD HFEP**"(Government Property not for sale) sticker in each unit x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x Source of Fund: SAA 2023-02-000687 (HFEP 2023 ConAp) Recipient: San Juan Medical Center	