



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

**SUPPLEMENTAL/ BID BULLETIN NO. 1**

**IB NO. 2023-091E  
PROCUREMENT OF 2 UNITS ECG MACHINE, 12-CHANNEL(SHORT OF  
AWARD)**

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

<b>Revision and clarification to provisions/specifications in the Bidding Documents:</b>	
<b>ORIGINAL TECHNICAL SPECIFICATIONS</b>	<b>AMENDED</b>
<b>&gt;Printer</b>  - 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.	<b>&gt;Printer</b>  - 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. – RETAIN
<b>&gt;Sampling precision: 24-bit</b>	<b>&gt;Sampling precision: 24-bit</b>

Bidders are advised to use the following attached forms and submit together with all required documents for the submission of bids on June 26, 2023, 10:00 AM

This Supplemental/Bid Bulletin No. 1 shall form part of the Bidding Documents. Any provisions in the Bidding Documents inconsistent herewith is hereby amended, modified and superseded accordingly.

For guidance and information of all concerned.

Issued this 16<sup>th</sup> day of June, 2023 in MMCHD.

SGD  
**PRETCHELL P. TOLENTINO, MD, MCHM**  
Director III / BAC Chairperson

**Section VII. Technical Specifications**

Republic of the Philippines

Department of Health

Metro Manila Center for Health Development

**TECHNICAL SPECIFICATIONS**

Item No. 1	<b>ECG MACHINE 12-CHANNEL</b>	Qty./Unit	<b>2 Units</b>
Name of Manufacturer:			Country of Origin
Brand:			Model: (if applicable)
ABC <b>P360,000.00</b>			
PURCHASER'S SPECIFICATION			STATEMENT OF COMPLIANCE
<p>TECHNICAL SPECIFICATIONS:</p> <ul style="list-style-type: none"> <li>• <b>Features</b></li> <li>- Operates with touch screen and function buttons</li> <li>- Synchronized collection for 12-lead ECG, supports 12-lead and Cabrera-lead waveform</li> <li>- 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.</li> <li>- Capable of displaying 3/6/12-lead ECG waveform on one screen.</li> <li>- Capable of displaying HR value, print mode, sensitivity, paper speed, filter state, clock, battery level, background grid lines, measured data and interpretation information.</li> <li>- Capable of auto-measurement and auto-interpretation for routine ECG parameters.</li> <li>- 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.</li> <li>- Must be powered by AC and DC (can adapt to 60Hz AC frequency)</li> <li>• <b>Display:</b> At least 10-inches color LCD with resolution of at least 1280x800</li> <li>• <b>Printer</b></li> <li>- With built-in thermal printer which supports Auto M*N, Auto M*N+1,</li> </ul>			

<p>Auto M*N+2, Auto M*N+3, rhythm M line, manual and other printing modes.</p> <ul style="list-style-type: none"> <li>- Printed content must contain time, paper speed, sensitivity, calibration signal, name of lead, filter state, and patients' information</li> <li>• <b>Memory:</b> can store up to 4000 medical records</li> <li>• <b>Recording Paper:</b> 210 mm x 20 m, high-speed thermal paper</li> <li>• <b>Sampling precision:</b> 24-bit</li> <li>• <b>Waveform data sampling frequency:</b> 1 kHz</li> <li>• <b>Connectivity:</b> Wi-Fi, LAN and USB connection</li> <li>• <b>Battery</b> <ul style="list-style-type: none"> <li>- 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.</li> <li>- With battery overcurrent and overvoltage protection circuit.</li> </ul> </li> <li>• <b>Power Supply:</b> 220VAC, 60Hz</li> <li>• <b>Back-up power:</b> At least 10-12 hours</li> </ul>	
<p><b>Requirements if awarded the Contract</b></p> <ol style="list-style-type: none"> <li>1. <b>Completion Period:</b> 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 <b>30</b> calendar days upon receipt of Notice to Proceed.</li> <li>2. <b>Testing:</b> 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.</li> <li>3. <b>Training:</b> 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.</li> <li>4. <b>Warranty:</b> 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 in workmanship under normal use. The warranty period shall commence from the date of acceptance by the end-user after testing and commissioning.</li> <li>5. <b>Notarized</b> 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.</li> <li>6. <b>Manuals:</b> The supplier must provide the end-user one (1) hard and one (1) soft copy of the following: <ol style="list-style-type: none"> <li>a) Service manual in English language</li> </ol> </li> </ol>	



*Section VI. Schedule of Requirements*

The delivery schedule expressed as weeks/months stipulates hereafter a delivery date which is the date of delivery to the project site.

<b>Description</b>	<b>Quantity</b>	<b>Delivery Site</b>	<b>Delivery Period</b>
<b>ECG MACHINE 12-CHANNEL</b>	2 UNITS	Health facilities in Mandaluyong City	30 calendar days upon receipt of the Notice to Proceed

Name of Company: \_\_\_\_\_

Address: \_\_\_\_\_

Signature Over Printed Name : \_\_\_\_\_

Telephone/Fax Number : \_\_\_\_\_

Email: \_\_\_\_\_