



Republic of the Philippines  
 Department of Health, Center for Health Development (CHD) IV-CALABARZON  
**BATANGAS MEDICAL CENTER**  
 Batangas City  
**ISO 9001:2015 CERTIFIED**



**HOSPITAL BIDS AND AWARDS COMMITTEE**  
**SUPPLEMENTAL BID BULLETIN NO. 2**  
**IB 2021-018C**

This Supplemental/Bid Bulletin No. 2 is being issued to clarify and amend the Technical Specifications of IB2021-018C: Supply & Delivery of Defibrillators in the posted Supplemental/Bid Bulletin No. 1:

**TECHNICAL SPECIFICATIONS**  
**SUPPLY & DELIVERY OF DEFIBRILLATORS**  
**IB2021-018C**

<p><b>ITEM 1: DEFIBRILLATOR</b>  <b>QUANTITY: 4</b>  <b>UNIT COST: PHP 400,000.00</b>  <b>APPROVED BUDGET FOR CONTRACT: PHP 1,600,000.00</b></p>
<p>Acquisition of the above medical equipment is essential to the management of our COVID-19 critically ill patients admitted at COVID wards</p>
<p><b><u>TECHNICAL DESCRIPTION</u></b></p> <ul style="list-style-type: none"> <li>• <b>High contrast TFT colour LCD 5.7" (320x240 pixel) or LCD 7" (800x480 dots)</b></li> <li>• ECG through the discharge paddles (1 trace) or <b>through 3 to 10 leads patient cable for 3, 6, or 12 traces</b> and SpO2 value</li> <li>• Automatic change over when plugging the patient cable Filters: 50/60 Hz, base line, EMG Heart rate indicator</li> </ul>
<p><b><u>PHYSICAL DESCRIPTION</u></b></p> <ul style="list-style-type: none"> <li>• Dimensions: 280-340mm x 200-305mm x 210- 280mm</li> <li>• Weight: <b>5-8kg with battery</b></li> <li>• ECG monitoring</li> <li>• bandwidth: 0.5 to 120 Hz (-3db) with filters off</li> <li>• speed: 25 mm/s or better</li> <li>• gain: 2.5, 5, 10, 20, 40 mm/mV with patient cable; auto with paddles - HR digital readout on the display 20 to 300 bpm (<math>\pm 2\%</math>)</li> <li>• alarm: settable HR, min 20 bpm, max 220 bpm</li> </ul>
<p><b>NIBP</b></p> <ul style="list-style-type: none"> <li>• Standard for adult/pediatric/neonatal</li> <li>• Systolic: 60-250 / 60-250 / 40-150 mmHg</li> <li>• MAP: 45-235 / 45-235 / 30-100 mmHg</li> <li>• Diastolic: 40-250 / 40-200 / 20-90 mmHg</li> </ul>
<p><b><u>UTILITY REQUIREMENTS</u></b></p> <p>Internal battery (Lithium) <b>or Ni-MH (Nickel Metal Hydrate) battery</b></p>



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Charging time 90% - 100% at least 2-5 hours  
AC 220-240 VAC, 60 Hz  
Memory: **internal flash at least 2GB up to 250 ECG data, events and usage review**

#### **ACCESSORIES, CONSUMABLES, SPARE PARTS, OTHER COMPONENT**

##### Printer

- manual, automatic (10"pre and post recording)
  - integrated thermal printer for ECG traces and events documentation including HR/SpO2/NIBP values
- paper speed: 25-50mm/sec
- paper width: 50-80 mm
- Cable with lead wires
- 1 roll paper
- rechargeable battery
- user manual in English
- with stand

#### **ENVIRONMENTAL REQUIREMENTS**

Room Temperature

#### **DELIVERY**

Must be delivered **within thirty (30) to ninety (90) calendar days** upon receipt of Purchase Order. In case the unit is not yet available, supplier must furnish a service unit. Failure to provide shall automatically terminate the contract, in addition to other penalties applicable.

Before delivery, supplier must call the Materials Management Section for delivery coordination to avoid non-acceptance or delay in acceptance.

#### **TRAINING, INSTALLATION & UTILIZATION**





Supplier to perform installation, safety and operation checks before handover. Supplier to perform actual calibration/verification witnessed by end user and technical inspector on testing and commissioning. Training of users in operation, and basic troubleshooting to medical equipment technician shall be provided by supplier (With certificates) The winning provider shall ensure the availability of qualified technician and trained personnel to maintain the equipment

#### **WARRANTY**

At least 2 years warranty on parts and services Preventive Maintenance and Calibration/Verification schedule to be provided by supplier within the warranty period.

#### **DOCUMENTATION**

User, Technical and maintenance manual in: English Language  
Certificate of Calibration, Service Reports, Training Certificates, Preventive Maintenance Calendar

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Upon cancellation, the BAC shall proceed to qualify the second lowest bidder if applicable; or proceed to Negotiated Procurement. The Winning Contractor who failed to deliver shall shoulder the price difference (from the second lowest bidder) of the item in addition to the acquired liquidated damages

This Supplemental / Bid Bulletin 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.

**(Sgd.) ELIZABETH V. PALINES, MD, FPPS, FCNSP, FPNA**  
 Chairperson, HBAC

Received by the bidder:

\_\_\_\_\_  
 Signature over printed name  
 Date Received: \_\_\_\_\_