



SUPPLEMENTAL/ BID BULLETIN NO. 1

IB2024 – 072E
PROCUREMENT OF ECG MACHINE (LOT BIDDING)

his 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
Item no. 1 ECG Machine		
Sampling Frequency: 1 MHz	Sampling Frequency: 1 mHz	Sampling Frequency: 1 mHz
Item No. 2: Wireless Rest ECG		
Wireless Rest ECG	Wireless Rest ECG – Usual ECG but wireless	Wireless Rest ECG – Usual ECG but wireless GRANTED
• Low pass filter: 20, 35, 40 Hz	Low pass filter: 20-25, 35, 40-45 Hz	Low pass filter: 20-25, 35, 40-45 Hz

Bidders are advised to use the **following attached forms and submit them together with all required documents for the submission of bids on the 7th 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 31st day of July 2024 in MMCHD

Approved by:


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



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TECHNICAL SPECIFICATIONS			
Item No. 1	ECG MACHINE	Qty./Unit	7 Units
Name of Manufacturer:			Country of Origin
Brand:			Model: (if applicable)
ABC: 1,400,000.00			
PURCHASER'S SPECIFICATION			STATEMENT OF COMPLIANCE
<p>TECHNICAL SPECIFICATIONS:</p> <ul style="list-style-type: none"> • Standard 12 leads • Has color LCD touchscreen display • With full alphanumeric keyboard • Dimensions: Manufacturer's Standard • With internal storage of at least 200 ECGs • EMG Filter: 25 Hz/ 35 Hz/ 45 Hz/ off • LOWPass Filter: 150 Hz/ 100 Hz/ 75 Hz • With correct detection for failure electrodes • Supporting ECG waves displaying with grid • ECG data can be transmitted to the PC software thru serial cable, net cable or WIFI • With anti-noise technology • With defibrillation protection • <i>Sampling Frequency: 1 mHz</i> • With built-in rechargeable lithium battery • With internal thermal recorder • recording frequency response: $\leq 300\text{Hz}$ • Supplied with 10 pcs ECG paper 			
<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 within 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 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> <p>b) Preventive maintenance at least every six (6) months or according to the manufacturer's recommendations;</p> <p>c) Corrective maintenance within five (5) calendar days upon notification from the end-user regarding equipment breakdown/defects.</p> <p>d) The number of days where the equipment is unusable due to equipment defects/faults shall be added to the warranty period.</p> <p>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.</p>			

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5. **Notarized** undertaking that the supplier shall conduct the necessary corrective maintenance, replacements and repair 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

Source of Fund: SAA 2024-02-001002 (HFEP 2024)

Recipient: Taguig-Pateros District Hospital

TECHNICAL SPECIFICATIONS			
Item No. 2	WIRELESS REST ECG(Usual ECG but wireless)	Qty./Unit	1 Unit
Name of Manufacturer:			Country of Origin
Brand:			Model: (if applicable)
ABC: 480,000.00			
PURCHASER'S SPECIFICATION			STATEMENT OF COMPLIANCE

Technical Specifications:

- Rest ECG Unit:
- High resolution ECG processing, resolution of 12 bits (2.44 μV/LSB)
- With option to function as both rest and stress ECG
- With wireless communication interface using Bluetooth 2.0+EDR, Class
- Must be able to get a complete ECG recording in 10 seconds with network storage enabled
- ECG sampling rate: 250, 500, 1000 samples per second
- Able to print in A4, letter and legal plain paper printing during the test
- Can export test results in formats: PDF, DICOM, HL7, Jpeg, XML, plain text, GDT, Native raw data
- Option to interface with Electronic Medical Records (EMR) and Hospital Information System (HIS)
- With on-line filtering and automatic baseline correction
- Enables post processing of saved data
- With ST measurements
- Sensitivity: 5, 10, 20, 40 mm/mV
- Horizontal scale: 12.5, 25, 50, 100 mm/sec
- Signal dynamic range: ±5mV
- input impedance: >10 Mohm
- CMMR: >90 dB
- Frequency range (at -3db): 0.05-260Hz
- Low pass filter: 20-25, 35, 40-45 Hz
- With base line filter
- Line noise filter: 50/60Hz
- With lead off detection
- With defibrillation protection

