



METRO MANILA CENTER FOR HEALTH DEVELOPMENT

SUPPLEMENTAL/ BID BULLETIN NO. 1

IB 2022 – 165E

PROCUREMENT OF 21 UNITS ELECTROCARDIOGRAPH MACHINE, 12 CHANNEL

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

Revision and clarification to provisions/specifications in the Bidding Documents:	
FROM	TO
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.	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 30-60 calendar days upon receipt of Notice to Proceed.

Bidders are advised to use the following attached forms and submit together with all required documents for the submission of bids on 13th day of December 2022, 9:00 AM:

This Supplemental/Bid Bulletin No. 1 shall form an integral part of the Bidding Documents. All other provisions indicated in the bidding documents which are not affected by this Supplemental/Bid Bulletin No. 1 shall remain in effect.

For guidance and information of all concerned.

Issued this 6th day of December 2022 in MMCHD

Approved by:

ALELI ANNIE GRACE P. SUDIACAL, MD, MPH
Director III / BAC Chairperson



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Republic of the Philippines Department of Health Metro Manila Center for Health Development			
TECHNICAL SPECIFICATIONS			
Item No. 1	ELECTROCARDIOGRAPH MACHINE, 12-CHANNEL	Qty./Unit	21 Units
Name of Manufacturer:		Country of Origin	
Brand:		Model: (if applicable)	
ABC: 3,780,000.00			
PURCHASER'S SPECIFICATION		STATEMENT OF COMPLIANCE	
<p>TECHNICAL SPECIFICATIONS:</p> <ul style="list-style-type: none"> • Display with 1280*800 dots/pixels, 10.1 inch high resolution color LCD • Operates with touch screen and function buttons • Sync collection for 12-lead ECG, support for 12-lead and Cabrera-lead waveform display, adopt digital signal processing technology and get high-quality ECG via power frequency filter, baseline filter, EMG filter and Low-pass Filter for ECG signals. • Display of 3/6/12-lead ECG waveform on one screen, and HR value, print mode, sensitivity, paper speed, filter state, clock, battery level, background grid lines, measured data and interpretation information • Powered by AC and DC (can adapt to 50Hz/60Hz AC frequency) • With built-in rechargeable lithium battery and charging circuit, has perfect battery overcurrent and overvoltage protection circuit. • Up to 10-hour standby time, continuous print more than 3 hours, record up to 1000 ECG waveform • Capable of Wi-Fi, LAN, USB communication (optional), can automatically upload, download and print out reports • Built-in thermal printer, support for Auto M*N, Auto M*N+ 1, Auto M*N+2, Auto M*N+3, rhythm M line, manual and other printing modes. - The printed content contains time, paper speed, sensitivity, calibration signal, name of lead, filter state and patient's information. • Information including printed waveform length, output measurement parameter, diagnostic conclusion, superposition QRS waveform, 			



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<p>histogram, trend chart and interval list can be set, and with time print function and auto arrhythmia print function</p> <ul style="list-style-type: none">• With the functions of auto-measurement and auto-interpretation for routine ECG parameters, it can provide measurement results and auto-diagnosis conclusion for 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, Cornell Index• The built-in large-capacity memory can store at least 4000 medical records• Power Supply: 100-240V/50Hz, 60Hz• Battery: 14.8 V, 5200 mAh rechargeable lithium battery• Filter: AC Filter(50Hz/60Hz), EMG Filter(25Hz/35Hz), DFT Filter, Lowpass Filter• Recording paper: 210 mm(W)×20 m(L) high-speed thermal paper• Auto record: record setup according to auto record format and mode, automatically change leads, automatically measure and analyze.• Waveform data processing sampling frequency: 1 kHz• Sampling precision: 24 bit• Back-up power at least 10 to 12 hours	
<p>REQUIREMENTS IF AWARDED THE CONTRACT:</p> <ol style="list-style-type: none">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 30-60 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 three (3) days upon delivery of the equipment.4. Warranty: 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.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.	

