



National Center for Mental Health

**LIST OF ITEMS FOR PUBLIC BIDDING CY2023
SUPPLY, DELIVERY, INSTALLATION, COMMISSIONING AND TESTING OF GENERAL HOSPITAL
EQUIPMENT**

NO	ITEM CODE	ITEM DESCRIPTION	QTY	UNIT OF MEASURE	UNIT PRICE	TOTAL PRICE
1	GHE23-01	TELEMETRY MONITORING SYSTEM	1	UNIT	1,800,000.00	1,800,000.00
		<p>For Installation at NCMH-GH Pavilion-7 ICU and Ward 4, World Bank and other designated rooms. (Must be compatible with the EXISTING Patient Monitors of NCMH-GH)</p> <p>MAIN PROCESSOR</p> <p>1. 1.6 GHz dual-core processor (min)</p> <p>MAIN MEMORY</p> <p>1. 4 GB DDR3 SD RAM (min)</p> <p>VIDEO / GRAPHIC OUTPUTS</p> <p>1. Color video output, Display Port 1. 1a 2. Output resolution 1920 x 1080 at 60Hz, 3. Aspect ratio 16:9</p> <p>AUDIO OUTPUT</p> <p>1. Dual internal speakers</p> <p>CONNECTIONS / INTERFACES</p> <p>1. (2) Display ports Output 2. (2) Network Ethernet connection/interfaces 3. (6) USB 2.0 (Type A) connection/ interface 4. Power socket with fuse and switch</p> <p>STORAGE</p> <p>1. 128 GB SSD flash drive (min) for Operating System, Applications and Full Disclosure data</p> <p>OPERATING SYSTEM</p> <p>1. Microsoft Windows Embedded Standard 7 (WES7) or Better</p> <p>SOFTWARE UPDATE</p> <p>1. Must be via network or USB</p> <p>DISPLAY REQUIREMENTS</p> <p>1. Display Size - 54.61 cm (21.5 inches) Medical Grade color LCD Flat Panel</p>				

"There is no Health without Mental Health"



2. Native display resolution - 1920 × 1080 @ 60Hz
3. Primary Display interface: Display Port 1.1a
4. Secondary Display interface: Display Port 1.1a

Controls On/Off and Brightness

POWER REQUIREMENTS

1. Universal Input Voltage/Frequency
100 to 250 VAC, 50/60Hz

PERFORMANCE SPECIFICATIONS:

1. ADT (Admission/Discharge/Transfer) picklist retrieval of ADT information from a hospital HER/HIS (Hospital Electronic Record/Hospital Information System) system via a Gateway in a query picklist format
2. ALARMS: Audio pause option to silence alarms per patient or all active alarms on the Central Station (Configuration Dependent)
3. Display of Alarm: Alarm Information located in patient title bar, waveform information window, parameter box, and alarm display buttons
4. Notification via Audible and Visual
5. Parameter Alarm Limits:
Configurable Monitoring Device alarm limits for select parameters
6. Complies with IEC Standard
7. CITRIX and WEB: Capability to access Web-based connectivity applications such a MUSE Web via an embedded browser; access to Citrix servers via a built-in Citrix Xen App client, versions 5, 6, 6.5 or higher.
8. Controls: USB Keyboard and USB Optical Mouse, Touch screen, Optional Multi KM and Optional Video Splitter Kits
9. MultiKM Ability to use one mouse and 1 keyboard across up to 8 displays

DISPLAY FORMAT:

1. Single Viewer: View up to NINE waveforms per patient.
2. Multi-Viewer: select up to FOUR waveforms per patient
3. 1-16 individual patient slots in standard display format

DISPLAY INFORMATION:

1. Access to patient demographic information: Arrhythmias, ST-limit violations and ECG samples in event review; Parameter data in graphic and numeric trends; Full disclosure data in strip view, page view with zoom, or in calipers. Parameter numerics and waveforms available in a live view presentation.
2. Displayed wavelengths Up to 15 seconds of waveform (dependent on configuration)
3. Electronic Calipers: measure Horizontal (time) and Vertical (Voltage) distances along historical waveform data.
4. Event review Arrhythmia Events, ST events and samples, up to 2,000 per patient and monitoring session (dependent on configuration). Filter by review state and/or severity. Annotate and select events that need to be part of the patient record. Ability to select patient's historical events from either Full Disclosure, bedside monitor or Patient Data Server.
5. Page View patient waveform data. Configurable to view up to five different waveforms per patient, including ECG, IBP, SpO2 and Respiratory Rate waveforms.
6. Strip View Patient waveform data. View up to NINE waveforms per patient, including ECG, IBP, SpO2 and Respiration Rate; Additional waveforms (Pressure, Flow and CO2).
7. Full disclosure Storage 12 waveforms, parameter numerics and Alarms. 24, 48, 72, 96, 144 hour options available.
8. Mirror Display shares the same Patient/Bed list as the Primary Central Station. Supports Audible alarms and Printing.
9. Monitor Control: Remote Control of select admit/discharge settings, parameter priority, alarm and patient monitor settings.
10. Network connectivity: Comprehensive, real-time patient-data network connectivity.

11. Real-time trend user defined one hour graph trend, up to two parameter numerics, for up to 16 patients.
12. Remote view: Video output can be split to support up to FOUR remote viewing ports not exceeding 1000 feet. Non-interactive, no audible alarm, no patient admitting or discharge, no modification of alarm limit.
13. Secondary display: Capability to use a second display for review of patient information including arrhythmia histories, graphic trends, tabular vital signs, Full disclosure waveforms, parameter numerics and ST review. Second screen allows for multiple display clients to be viewed at one time based on the user.
14. Time focus: When viewing an area of interest for one type of patient data, choosing another type of patient data will display for that same time focus.

TREND DURATION AND INTERVAL

1. Graphic trend time scales: 15 mins, 30 mins, 1 hr., 2 hr., 4 hr., 8 hr., 12 hr., 24 hr.
2. Graphic trend views: Up to 12 user defined trend groups for customized trend views.
3. Numeric trend time scales: 1 min, 5 mins., 15 mins., 30 mins., 60 mins.
4. Numeric trend views: 12 user-defined sort modes for parameters. Episodic parameters displayed only at time of measurement.
5. Graphic and Numeric trend time: Up to 72 hours, depending on device configuration.
6. User favorites: Configurable favorite buttons that allow (Screen shortcuts) quick access to often used screen formats.

POWER SPECIFICATIONS:

1. Pertains to the Standard Desktop Systems:
2. Voltage: 100 to 240 VAC (niminal)
3. Frequency: 50-60 Hz
4. Current: 1 A (max)
5. Power 100w (342 BTU/hr) (max)


		<p>PHYSICAL SPECIFICATIONS:</p> <ol style="list-style-type: none"> 1. Maximum dimensions (HxWxD): 40x35x30 cm 2. Must include a stand and weighs 10kg (max). <p>STANDALONE TOUCHSCREEN DISPLAY:</p> <ol style="list-style-type: none"> 1. Maximum dimensions (HxWxD): 50x60x30 cm 2. Must include a stand and weighs 15kg (max). <p>STANDARD REQUIREMENTS:</p> <ol style="list-style-type: none"> 1. Must have an Operation and Service Manual in Physical and Electronic format. In English Language. 2. Scope of Work: Installation of the Central monitor system and placement of LAN Cables on all rooms required in the Pavilion 7 GH at the expense of the bidder. 3. Must have a certification that the unit offered must be brand NEW and not a discontinued model. 4. Delivery period: 60 Calendar days 5. Current and Valid Certificate of Manufacturer's Compliance with ISO and/or CE certificate or its equivalent. 6. Certification from the manufacturer authenticated by the Philippine Consulate from the country of Origin of the unit that the warranty should not be affected with a change of distributor. 7. Bidder's certificate that the parts shall be available at the authorized Philippine Service Center/s for a period of 5 years after the warranty period. 8. Certifications that the brand has been in the local market for at least five years and with at least with 10 installations. 9. Certification that the supplier will be responsible for the notification, transportation to the site, delivery, installation and testing on the site expenses for such will be on the account of the supplier. 10. Certification that the supplier/bidder shall provide applications training for relevant users, biomed and maintenance personnel of the 				
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		<p>hospital. The training will also include basic and minor maintenance of the items, with emphasis on proper care and use of the unit.</p> <p>11. Certification that the supplier/bidder shall provide free installation of the Equipment.</p> <p>12. Must provide at least 50 inch LCD Monitor (2) with wallmount, 2KVA line interactive UPS, laser jet printer, external speaker, switch – unmanaged, cabling and installation</p> <p>13. Warranty certificate: 3 year for parts and 3 year for service from the date of delivery, inspection and acceptance. With semi-annual PM.</p>				
2	GHE23-02	ENT TREATMENT UNIT WITH HYDRAULIC CHAIR	1	UNIT	1,630,000.00	1,630,000.00
		<ul style="list-style-type: none"> • ENT Treatment Unit with Control Panels for: <ol style="list-style-type: none"> 1. Monitor Switch 2. Film View Box 3. Anti-fog (Heating Device) 4. Illumination Light 5. ENT Chair • Full High-Definition Visual System <ol style="list-style-type: none"> 1. CCD Camera 1/3" 2. Freezing System 3. Light source (60w LED) 4. Light Guide 5. Endoscope Holder 6. USB Port 7. HDMI/LAN Port • Spray Device, Straight • Suction Device, maximum vacuum: 650 mmHg – 700mmHg <ol style="list-style-type: none"> 1. Main Suction Bottle: 3000mL – 4000mL with overflow preventing device 2. Sub-suction Bottle: 1000mL with overflow preventing device • Automatic Heating Device <ol style="list-style-type: none"> 1. Operating Temperature: 70 °C 2. Thermal Cutoff: 72 °C 3. Automatic Off: within 10 - 15 seconds • 22" LED Monitor • Illumination Light • Film View Box • Pen Light • Medicine Bottle • Stainless Steel Gauze Container with lid 				

		<ul style="list-style-type: none"> • Stainless Steel Instrument Tray • Waste Receptacle • ENT Examination Chair <ol style="list-style-type: none"> 1. Hydraulic Auto Controller System 2. 5^o - 95^o Back Rest Reclining Angle 3. Foot Switch Control: Automatic: Up, Down, Forward and Backward Movement 4. 340^o Rotation Angle 5. Automatic or Manual Rotation (Left and Right) 6. Foot Switch (with cord/connector: 5 -6 feet length) • Doctor's Stool with backrest <ol style="list-style-type: none"> 1. Adjustable: Down, Upward Movement 2. Manual Rotation: Left & Right • Instruments: <ol style="list-style-type: none"> 1. Ear Dressing Forceps by JANSEN, anat' bayonet shape, length 160 – 170 mm 2. Adapter by WULLSTEIN, stainless steel, LUER cone, length 110 – 120mm 3. Suction Cannula by HOUSE, LUER lock, 1.2mm, working length 70mm 4. Suction Canula by HOUSE, LUER lock, 2.2 mm, working length 70mm 5. Suction Cannula by HOUSE, LUER lock, 3.0mm, working length 70mm <p>STANDARD REQUIREMENTS</p> <ol style="list-style-type: none"> 1. A certification that the unit offered must be brand new and not a discontinued model 2. Delivery period is within 90 Calendar days 3. Current and valid certificate of Manufacturer's compliance with ISO or CE certificate or its equivalent 4. Certification that the supplier has the capability for corrective and preventive maintenance of the unit 5. Certification from the manufacturer authenticated by the Philippine consulate from the country of origin of the unit that the warranty should not be affected with a change of distributor 6. Bidder's Certificate that the parts shall be available at the authorized Philippine service center/s for a period of five (5) years after the warranty period 				
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	<p>7. Certification that the brand has been in the local market for at least five (5) with at least 10 installations</p> <p>8. Certification that the supplier will be responsible for the notification, transportation to the site, delivery, free installation and testing on the site (hospital/health facility) and expenses for such will be on the account of the supplier</p> <p>9. Certification that the supplier/bidder shall provide applications training for users and maintenance personnel of the hospital</p> <p>10. Certification to provide User's Manual (in English Language): 2 copies of Operations Manual & 2 copies of Service Manual</p> <p>11. Warranty Certificate: two (2) years for parts and two (2) years for service from the date of delivery, inspection and acceptance.</p>				
				TOTAL	PHP 3,430,000.00

Submitted by:

For: 
MARK JASON DEQUINA, MD
 (End-User – Telemetry Monitoring System)


 FOR RYAN 
BOBBIE PEARL L. CALLEJA, MD, FPSOHNS, MMHoA
 (End-User – ENT Treatment Unit with Hydraulic Chair)

Recommending Approval:


ALDEN C. CUYOS, MD, FPPA, IFAPA, MMHoA
 Chairperson, BAC for Equipment CY2023

Approved by:


NOEL V. REYES, MD, FPPA, MMHoA
 Medical Center Chief II