

Technical Specifications

Republic of the Philippines
Department of Health
CENTER FOR HEALTH DEVELOPMENT IV-A (Calabarzon)

TECHNICAL SPECIFICATIONS

Item No.:	1	Quantity	1
ABC :	P1,000,000.00	Country of Origin:	
Brand:		Model:	
PURCHASER'S SPECIFICATION		SUPPLIER'S SPECIFICATION	
<p>MECHANICAL VENTILATOR Power Supply Input: 220 VAC, 60 Hz Type: Mobile / Pressure Volume Standard Features: Ventilator Modes: IMV, SIMV, PEEP, CPAP Assist Control, Assist Control + Sigh, Display Parameters Digital Tidal Volume Range: 100 to 1200 ml FiO2 21% to 100% Sensitivity, I/E Ratio Variable, Sigh Respiratory Rate (Breathing FreqA): 0 to 150 b/min Safety Features: Alarms for Oxygen Supply Hi & Low Pressure & Volume Low Battery Indicators Standard Accessories: Autoclavable Corrugated Tubings Reservoir Bag PEEP Valve Bacteria Filter Oxygen Guage w/ Tubings Compressor Humidifier Unit (autoclavable) and Nebulizer Other Feature: Cart w/ cabinets</p> <p>Standard Requirements:</p> <ul style="list-style-type: none"> • Certification to provide users Manual in English Language a. Operations Manual 2 copies b. Service Manual 2 copies • Current and Valid Certificate of Manufacturer's compliance with ISO 13485 			

<ul style="list-style-type: none"> • Certificate of Commitment from the legal manufacturer of the unit that they will honor the warranty in case of change of distributor/supplier • Transportation to site, delivery, installation and testing expenses on the site (health facility) for the account of the supplier and notification of the supplier to the recipient and respective regional offices prior to the delivery • The manufacturers certificate that the brand must be in the local market for at least five (5) years and 10 years in the international market <p>Training Requirement</p> <ul style="list-style-type: none"> • The supplier must provide training, orientation and product demonstration for users and maintenance personnel of the health facility • Certificate of training must be noted/signed by the head of Facility <p>After Sales Service</p> <ul style="list-style-type: none"> • Bidder's certificate that parts shall be available at the authorized Philippine service center/s for a period of five (5) years after the cessation of production of the same model. • List of service centers in major cities where equipment is installed and supplies / reagent outlet with contact landline numbers should be available <p>Warranty Certificate Minimum of three (3) years for both parts & service Warranty Certificate upon delivery, inspection and acceptance and after the provision of the required training of the end-user</p> <p>Special Provisions</p> <ol style="list-style-type: none"> 1. Non-removable DOH letters conspicuously displayed on the front 2. Property tagging (sticker) rewritable <p>*** NOTHING FOLLOWS ***</p>	
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NAME OF COMPANY

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Technical Specifications

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TECHNICAL SPECIFICATIONS

Item No.:	2	Quantity	3
ABC :	P1,200,000.00	Country of Origin:	
Brand:		Model:	
PURCHASER'S SPECIFICATION		SUPPLIER'S SPECIFICATION	
Defibrillator with Cardiac Monitor Power Supply Input: <ul style="list-style-type: none">• 220 - 240 VAC, 60 Hz with built in rechargeable battery pack Output Energy: <ul style="list-style-type: none">• at least 200 joules Discharge Modes: <ul style="list-style-type: none">• Synchronous/Asynchronous Features: <ul style="list-style-type: none">• Charge control buttons on control panel and on paddle APEX side/Biphasic universal paddle• Isolated ECG monitoring via defib paddles• Mode select knob.• Data storage, 50 patient profile or at least 500 Events• freezing waveforms review Display Parameters: <ul style="list-style-type: none">• ECG, Heart rate, ECG "• 1 mV calibration, ECG Size "• calibration, ECG Size• Battery status indicator Parameters: <ul style="list-style-type: none">• Thermal Array, Speed of at least 25 mm/sec, with annotations			

Recorder:

"Thermal Array, Speed of at least 25 mm/sec, Thermal Paper

Safety Parameters:

- Alarm indicators (Audio & Visual)
Charging, Low Battery, Hi and Low "Heart Rate, Lead contact "
Power failure

Standard Accessories:

- Set of External Paddles (Adult and Pedia)
- 3 leads ECG patient cables,
- Power cord
- Grounding cable
- Dust cover
- Accessory Bag
- 1 tube gel
- 1 roll z-fold Recording paper
- Mobile cart with brake
- 2. Property tagging (sticker) rewritable

Optional Accessories:

- Internal paddles

Optional Parameters:

- Pacemaker impulse rejection

Standard Requirements:

- Delivery period____calendar days.
- Certification to provide users Manual in English Language
 - a. Operations Manual 2 copies
 - b. Service Manual 2 copies
- Current and Valid Certificate of Manufacturer's compliance with ISO 13485
- Certificate of Commitment from the legal manufacturer of the unit that they will honor the warranty in case of change of distributor/supplier
- Transportation to site, delivery, installation and testing expenses on the site (health facility) for the account of the supplier and notification of the supplier to the

recipient and respective regional offices prior to the delivery

- The manufacturers certificate that the brand must be in the local market for at least five (5) years and 10 years in the international market

Training Requirement

- The supplier must provide training, orientation and product demonstration for users and maintenance personnel of the health facility
- Certificate of training must be noted/signed by the head of Facility

After Sales Service

- Bidder's certificate that parts shall be available at the authorized Philippine service center/s for a period of five (5) years after the cessation of production of the same model.
- List of service centers in major cities where equipment is installed and supplies / reagent outlet with contact landline numbers should be available

Warranty Certificate

Minimum of three (3) years for both parts & service Warranty Certificate upon delivery, inspection and acceptance and after the provision of the required training of the end-user Special

Provisions

1. Non-removable DOH letters conspicuously displayed on the front
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TECHNICAL SPECIFICATIONS

Item No.:	3	Quantity	33
ABC :	P1,815,000.00	Country of Origin:	
Brand:		Model:	
PURCHASER'S SPECIFICATION		SUPPLIER'S SPECIFICATION	

IV INFUSION PUMP

Power Specifications

- Power Supply: 220VAC, 60Hz
- Battery: (rechargeable)
- Battery Life: at least 3 hours at 30 ml/h

General Specifications

- Automatic Infusion
- Flow rate: capable of 1-1100 ml/h
- Visible/audible alarms Audio/Visual Alarm
 - a. occlusion
 - b. Air in line
 - c. Door open
 - d. End program
 - e. Low pressure
- With optional data interface port of infusion supervision system
- May or maybe upgradable to PC connectivity for central monitoring
- With drug delivery chart

Standard Requirements :

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Warranty Certificate

Minimum of one (1) year for craftsmanship & service Warranty

Certificate upon delivery, inspection and acceptance and after the provision of the required training of the end-user

Provisions

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TECHNICAL SPECIFICATIONS

Item No.:	4	Quantity	15
ABC :	P2,250,000.00	Country of Origin:	
Brand:		Model:	
PURCHASER'S SPECIFICATION		SUPPLIER'S SPECIFICATION	
Cardiac Monitor (Multi Patient Parameter Monitor) <ul style="list-style-type: none"> • Portable 5 parameters • ECG/SPO2/NIBP/RESP/TEMP • 10-12" color display with touch screen • 5 channel configurable waveform display and numeric code Drug Calculation • External printing and memory download facility • 96 hours trend for SPO.2 HR/RESP/TEMP • Adult/Pediatric/Neonate applicable • Built-in battery • With Internal printer • Touch screen Power supply 220V, 60 Hz Accessories: Patient Cable Chest electrodes disposable (One) 1 pack of 50 pcs. 1 box of ECG paper Standard Requirements: <ul style="list-style-type: none"> • Certification to provide users Manual in English Language a. Operations Manual 2 copies b. Service Manual 2 copies			

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Special Provisions

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TECHNICAL SPECIFICATIONS

Item No.:	5	Quantity	13
ABC :	P2,600,000.00	Country of Origin:	
Brand:		Model:	
PURCHASER'S SPECIFICATION		SUPPLIER'S SPECIFICATION	
SUCTION MACHINE 10L Max vacuum flow up to 720-740mmHg on average Features one piece molded outer body for superior resistance to rust Stainless steel Tray on top convenient for tools treatment Comes with 2 glass collection jars each 3000ml with cover CE mark complies with EEC/EMC of EN60601-1-2 Requirement Ideal for suction environment in operation theater room Standard accessories Silicon Tube, Curette Tube set, Filter included Standard Requirements: <ul style="list-style-type: none">• Delivery period 60-90 calendar days• Certification to provide users Manual in English Language a. Operations Manual 2 copies b. Service Manual 2 copies			

- Current and Valid Certificate of Manufacturer's compliance with ISO 13485
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Special Provisions

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Republic of the Philippines Department of Health CENTER FOR HEALTH DEVELOPMENT IV-A (Calabarzon)			
<i>TECHNICAL SPECIFICATIONS</i>			
Item No.:	6	Quantity	8
ABC :	P3,200,000.00	Country of Origin:	
Brand:		Model:	
PURCHASER'S SPECIFICATION		SUPPLIER'S SPECIFICATION	

High Flow Nasal Cannula Machine

Product Description

Heated and humidified high flow nasal cannula oxygen therapy machine HFNC.

High flow oxygen therapy, highly integrated design, to meet more needs of clinical treatment.

Provide maximum of 80L/ min air-oxygen mixed gas, oxygen concentration can be set automatically, providing an exclusive patent.

AutoFlow function, SmartFlow function.

Disinfection-free design, water chamber has a backflow prevention valve to prevent gas backflow, and overall maintenance is more convenient.

High Flow Oxygen Therapy, can be used for patients with spontaneous breathing, including artificial airway respiratory insufficiency, and can be used for patient in hospital and long term care institution.

In high flow mode, flow rate is 2L/ min~80L / which can set the concentration of inhaled oxygen Automatically.

Specification:

Adjustment method of oxygen concentration: Auto

Flow monitoring: Yes, adjustable

Flow range: 2L~80L/min.

Oxygen concentration monitoring range: 21%~100%

- Temperature output range: 9°C~37°C
- Temperature adjustment gear: 9 steps adjustable

Whether the host is disinfection-free: Yes

Screen size: 3.5 inches

Trend review function: 1 day; 3 days; 7days

Oxygen concentration monitoring: Yes, adjustable

<p>Temperature monitoring: Yes, adjustable</p> <ul style="list-style-type: none"> • sPEEP monitoring: Yes • Respiratory rate: Yes <p>Automatic reminder of filter replacement: Yes</p> <p>Automatic water filling chamber: Yes</p> <ul style="list-style-type: none"> • AutoFlow: Yes • SmartFlow:v Yes] • Humidity compensation: 3~+3,7 steps adjustable • Speep: 0~4 adjustable • Warm standby: Yes <p>Accessories</p> <p>Water chamber</p> <p>Water chamber adapter</p> <p>One-off heated breathing tubings (model: LH2)</p> <p>Nasal cannula model (NC10XS, NC10S, NC10M, NC10L)</p> <p>Standard Requirements:</p> <ul style="list-style-type: none"> • Current and valid certificate of manufacturer's compliance with ISO and CE certificate <p>Warranty certificate</p> <ul style="list-style-type: none"> • One (1) year for craftsmanship, after inspection and acceptance <p>Delivery 60 days upon receipt of purchase order</p> <p>Special provisions</p> <ol style="list-style-type: none"> 1. Non-removable DOH letters conspicuously displayed on the front 2. Property tagging (sticker) rewritable <p>*** NOTHING FOLLOWS ***</p>	
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TECHNICAL SPECIFICATIONS

Item No.:	7	Quantity	2
ABC :	P4,600,000.00	Country of Origin:	
Brand:		Model:	
PURCHASER'S SPECIFICATION		SUPPLIER'S SPECIFICATION	
<p>Mobile X-ray Machine 300 mA</p> <ul style="list-style-type: none"> • Light and handy design allows easy mobilization and convenient operation. • Rocker arm can be self-balanced, easy for moving, operation and control. • Possess double control radiographic function; safety and efficient are both taken into consideration. • Mobile DR possesses the advanced panel detecting technology. • Fast and high quality imaging. <p>Generator Normal Power: 30 kW Inversion Frequency: 100 kHz Exposure kVp: 40~125 kV Max. Exposure mA: 200 mAs Exposure Time: 1 ms~1.3 s Input Phase: Single Phase Power Supply: 220 V AC \pm 10%, 50/60 Hz X-Ray Tube Focus: Dual Spot: 0.6/1.3 mm Voltage: 130 kV Max. Continuous Heat Dissipation: 300 W Anode Heat Storage Capacity: 107 kHU (76 kJ) Power: 11 kW / 32 kW Anode Rotating Speed: 3,000 rpm Collimator Operation Mode: Manual Illuminance: >150 Lux Light Field Size: 43 cm \times 43 cm SID: 110 cm</p>			

<p>Mobile Rack</p> <p>X-Ray Tube Rotate Right and Left: $\pm 90^\circ$</p> <p>X-Ray Tube Rotate Around Column: $\pm 90^\circ$</p> <p>X-Ray Tube Rotate Front and Back: - 20°~105°</p> <p>X-Ray Tube Focus to Floor Distance: 480~2,000 mm</p> <p>Flat Panel Detector</p> <p>Active Area: 14" × 17"</p> <p>Pixel Matrix: 2,816 × 2,304</p> <p>Pixel Pitch: 154 μm</p> <p>A/D Conversion: 16 bits</p> <p>Limiting Resolution: 3.25 LP/mm typical</p> <p>Image Capture Time: <5 sec</p> <p>X-Ray Conversion Layer: Cesium Iodine (CsI) with Amorphous Silicon (α-Si) Photodiode</p> <p>Medical Software and Image Processing</p> <p>Medical Monitor: 12.3" LCD</p> <p>Image Processing: Automatic or manual window position and window width adjustment, ROI window and window width adjustment</p> <p>Image turnover, circumgyrate</p> <p>Image continuous enlarged, automatic or manual image cut</p> <p>Rich label function</p> <p>Image Data Management:</p> <p>Image adopts various of inquire way (name, time, ID, etc.)</p> <p>Patient's information register</p> <p>User Individuation</p> <p>Design:</p> <p>Set the interface and toolbar as you want</p> <p>Support the DICOM 3.0 Output</p> <p>Host Computer: CPU: Intel</p> <p>HDD: 128 GB</p> <p>RAM: 4 GB</p> <p>VGA Card: Intel Core Graphics Card 520</p> <p>Additional accessories:</p> <p>1. (1)lead marker (10mm)</p>	
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2. (2) lead rubber apron of at least 0.25 mm Pb equivalence
3. (2) lead rubber gloves at least 0.25mm Pb equivalence
4. (2) lead rubber thyroid shield of at least 0.25 mm Pb equivalence

Standard Requirements:

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