

Republic of the Philippines
Department of Health
Cagayan Valley Regional Office
REGION II TRAUMA AND MEDICAL CENTER



BIDS AND AWARDS COMMITTEE

SUPPLEMENTAL/BID BULLETIN NO. 1

Bidding for the Supply, Delivery, Installation, Testing and Commissioning of various Medical Equipment with Identification No. R2TMC-BAC2-2023-46

In response to the issues below, this Bid Bulletin is issued to modify or amend the Bid Documents. This shall form an integral part of the Bid Documents.

1. Final delivery period for the following medical equipment is **Ninety (90) calendar days** upon receipt of the approved Purchase Order:

- All Pathology Department Equipment
- Cardiac Monitor
- Emergency Cart
- ECG Machine with Trolley and Cable
- Electrosurgical Cautery Machine
- Fetal Monitor
- Hospital Bed
- Infusion Pump
- Nebulizer
- Syringe Pump
- Wheelchair, Foldable with IV Pole Hook
- Laparoscopic Suction Irrigation Machine
- Video Laryngoscope

2. Under Quality Registrations/Certifications, one of the final requirements will be:

CE/TUV (Third Party Validator) or UL inherent to all laboratory equipment

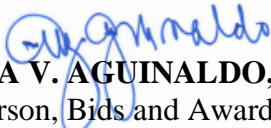
3. See attached document for the **final Technical Specifications** of the following medical equipment:

- | | |
|--------------|---|
| Item No. 28 | Bedside Cabinet |
| Item No. 39 | Infusion Pump |
| Item No. 31. | Cardiac Monitor on Portable Trolley with Six (6) Parameters |
| Item No. 33 | Emergency Cart |
| Item No. 34 | ECG Machine with Trolley and Cable Hanger / Strap, 12 Lead |
| Item No. 36 | Fetal Monitor |
| Item No. 37 | Hospital Bed |

- Item No. 44 Nebulizer, Heavy Duty
- Item No. 53 Syringe Pump
- Item No. 51 Suction Machine, Heavy Duty
- Item No. 61 Laparoscopic Suction Irrigation Machine
- Item No. 63 Video Laryngoscope

4. The following shall form part of the Bid Data Sheet and shall be complied with by all winning bidders:

20.1	<p>1. License to Operate (LTO)</p> <p><i>As part of post-evaluation process, bidders must have an available demo unit for inspection and actual testing by the end-users. Absence of demo unit shall be a ground for post-disqualification.</i></p>
21.1	<p>Documents to be submitted upon delivery for all the equipment in the list:</p> <ul style="list-style-type: none"> • Bank Guarantee or 1% Retention Fee • Tax Receipts (BIR/Customs) • Certificate of Warranty <p>Other documents (if applicable) or requirements as indicated in the Technical Specifications Form</p> <ul style="list-style-type: none"> • Certificate of Preventive Maintenance <ul style="list-style-type: none"> ○ Schedule of Preventive Maintenance (annually, semi-annually, quarterly) • Periodic Calibration for 3 years • Issuance of Calibration • Certificate annually during the warranty period • Certificate of Training Program <ul style="list-style-type: none"> ○ End-User ○ Bio-Med Engineer • Certificate of Availability of Spare Parts • Declaration of Conformity with ISO/IEC/PNS as issued by the Manufacturer • Certificate of Acceptance <p>Manual/s available in English</p> <ol style="list-style-type: none"> 1. Operational Manual 2. Service Manual 3. Catalog or Parts List 4. Schematic and Wiring Diagram 5. Installation Manual 6. Certificate of Calibration (Medical Equipment)


EDITHA V. AGINALDO, MPA, MBA
 Chairperson, Bids and Awards Committee 2

Posted: August 22, 2023

Technical Specifications

Republic of the Philippines
 Department of Health Regional
 Office 02
 Region II Trauma and Medical Center

Item No. 28	BEDSIDE CABINET	Quantity ABC	160 units P5,000.00/unit
Name of Manufacturer:		Country of Origin:	
Brand:		Model:	
PURCHASER'S SPECIFICATION		SUPPLIER'S SPECIFICATION	
<p>Made of durable ABS plastic</p> <p>With one (1) drawer, one (1) pull-out table and one (1) door cabinet</p> <p>Pull-out table is between table top and drawer</p> <p>With adjustable length towel hanger on two (2) sides of cabinet</p> <p>Silent type castors with locking mechanism, 4-wheels, able to swivel for easy maneuverability</p> <p>Size:</p> <p style="padding-left: 40px;">Height: 30-32"</p> <p style="padding-left: 40px;">Width: 18-19"</p> <p style="padding-left: 40px;">Length (Depth): 16-19"</p> <p>Uniform color or color combination for all the units</p> <p>With Six (6) months warranty</p> <p>Unit must be available for inspection/demonstration.</p>			

I hereby certify that the statement of compliance to the foregoing technical specifications are true and correct, otherwise, if found to be false either during bid evaluation or post qualification, the same shall give rise to automatic disqualification of our bid.

Name of Company/Bidder	Signature over Printed Name of Authorized Representative	Date
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Technical Specifications

Republic of the Philippines Department of Health Regional Office 02 Region II Trauma and Medical Center			
Item No. 33	EMERGENCY CART	Quantity ABC	6 units P47,000.00/unit
Name of Manufacturer:		Country of Origin:	
Brand:		Model:	
PURCHASER'S SPECIFICATION		SUPPLIER'S SPECIFICATION	
Size: L x B x H (800-850 x 520-640 x 900-1000mm) Material: ABS plastic With stainless steel guard rail With cardiac board With defibrillator shelf With 5-6 drawers With IV Pole With dust basket Silent type castors with locking mechanism, 4 wheels, able to swivel for easy maneuverability Any color but preferably red With six (6) months warranty Unit must be available for inspection/demonstration.			

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Technical Specifications

Republic of the Philippines
Department of Health
Center for Health Development 2
Region II Trauma and Medical Center

Item No. 39	INFUSION PUMP	Quantity ABC	52 units P120,000.00/unit
Name of Manufacturer:		Country of Origin:	
Brand: (Brand new only)		Model:	
PURCHASER'S SPECIFICATION		SUPPLIER'S SPECIFICATION	
<p>Power Supply</p> <ul style="list-style-type: none">• AC 100-240V, 60Hz• With an internal lithium-ion battery capable of at least 4 hours of continuous usage• 25-30 VA power consumption• Power source detection with status type• 3 prong socket/power chord <p>Unit weight and mounting</p> <ul style="list-style-type: none">• Maximum weight of 2.2kg• pole mount with clamp, screw type <p>Flow rate</p> <ul style="list-style-type: none">• Minimum flow rate of at least 250ml/hr• Adjustable flow rate compatible with both micro and macro infusion set• Adjustable drip rate <p>Functions</p> <ul style="list-style-type: none">• With alarm functions (occlusions, air-in-line, door, line empty, battery, no flow rate, completion, flow rate abnormalities. AC power connection/disconnection. <p>Safety Functions</p> <ul style="list-style-type: none">• Occlusion detection pressure selection, air-in-line alarm sensitivity selection, tube clamp automatically clamps infusion set when the door is opened, keypad lock function. <p>Convenience functions</p> <ul style="list-style-type: none">• Date and time setting• Selectable LCD brightness• Buzzer volume selection• Standby mode• Drip volume display• Capable of displaying operation history• Night mode			

Accessories

- Drip sensor, AC power cable with plug adaptor, pole clamp

Compliance to standards

- IEC 60601-1-2
- **EN 1789:2020**
- IP22

Standard Requirements:**Supplier must comply with the following conditions:**

- Notarized Certificate of Exclusive or Authorized Distributorship of the principal company of the equipment and the necessary consumables in the Philippines.
- Submit Certificate of Training of the Company Engineer/ Technical Personnel and Product Specialist issued by the Principal or Manufacturer.
- Submit a sworn statement that the company will respond within 24 – 48 hours in case of technical problems or equipment breakdown.
- Submit a sworn statement that, in case of machine/ equipment downtime, the supplier is given three (3) days for remedial action (repair and/or replacement of spare parts). On the 4th day, if the unit is not operational, a back- up machine shall be provided (within the warranty period).
- Warranty: three (3) years free service and two (2) years on parts.
- Semi-annual preventive maintenance and Calibration within the warranty period.
- Submit a sworn Statement that they have at least five (5) working units installed in tertiary hospitals in the country.
- Submit a notarized certification of the product cycle (expected usable life of the equipment)
- Notarized Certificate of availability of spare parts for the next ten years.
- Certificate that the machine has passed or conforms to International Standard such as ISO or its equivalent for equipment only.

The Supplier must submit the following:

- Three (3) copies of the Operating and Service Manuals in English
- Provide list and cost of consumables
- Provide electrical requirements for proper operation of the machine.
- The manufacturer in coordination with the supplier must provide a comprehensive certification training program for the end – users

and biomedical technicians without additional cost to the procuring entity. The Supplier must submit a comprehensive training module as part of the technical specification which covers product orientation, hands-on training and troubleshooting. The said training must be conducted by a certified product specialist.

Training / Demonstration

- For end-user on operation of equipment
Hospital maintenance engineer/staff

Note: Training for end-users and Hospital maintenance engineer/ ED staff must be separately conducted by the Supplier for evaluation.

- Schedule of Preventive Maintenance during Warranty Period

Note: To attach PM sticker after every PM conducted.

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Name of Company/Bidder

Signature over Printed Name of Authorized Representative

Date

Technical Specifications

Republic of the Philippines Department of Health Regional Office 02 Region II Trauma and Medical Center			
Item No. 15	CARDIAC MONITOR WITH SIX (6) PARAMETERS	Quantity ABC	3 units P120,000.00/unit
Name of Manufacturer:		Country of Origin:	
Brand:		Model:	
PURCHASER'S SPECIFICATION		SUPPLIER'S SPECIFICATION	
<p>Description</p> <ul style="list-style-type: none"> • Patient monitor with at least 5 parameters <p>Display Monitor:</p> <ul style="list-style-type: none"> • 12" Color TFT Touch Screen <p>ECG / Cardiac Monitoring:</p> <ul style="list-style-type: none"> • ECG waveform display: LEAD I, II, III, AVR, AVF, V (with corresponding beep sound on each QRS waveform) • Heart rate display: 15 to 300BPM (Adult); 15 to 350 BPM (Neonatal) • Resolution: 1BPM • Accuracy: $\pm 1\%$ • With Arrhythmia Analysis, ST Calculation and Pace Analysis • ECG Signal Measurement Range: - 2.0 to + 2.0mV • Lead selection switch • Sensitivity switch: 2.5 to 2.0 mm/mV • <u>Filter Switch for Interference from: Main Power Frequency Low and High Pass Signal</u> • Common Mode Rejection (CMR): more than +100dB <u>or its equivalent</u> • Wide Frequency Range • Bandwidth: Diagnostic 0.05 to <u>130hz</u> Monitor 0.5 to 40hz Surgery 1 to 30hz • Input Impedance: (<u>5 M Ω or better</u>) at 10hz • <u>Frequency Response: -3db or better at 0.05hz to 100hz</u> 			

- Automatic Internal Data storage for at least 40 ECG records or 2 hours ECG record
- ECG Leads Connector for at least 3 lead patient cable (protection from Interference)
- Patient cable for at least 3-leads with electrical screening
- ECG recorder/printer capable of printing at least 4 waveforms simultaneously, arrhythmia analysis, ST calculation, pace analysis, heart rate and etc.

SP02

- Hinge or Rubber Finger Probe and Ear Sensor for adult, pediatric, and infant use or all-in-one sensor
- Oxygen Saturation: 70-100%? with minimum graduation of 1%
- Pulse Rate: 30 bpm to 240 bpm or better (capable of higher or lower value than minimum range indicated)
- Pulse waveform of indicator that illustrates the strength of pulse being detected
- SP02 limit alarm activation setting
- Pulse Rate alarm activation settings
- Alarm sound level adjustment and alarm override and temporary silence control
- Accuracy of SP02: $\pm 3\%$
- Accuracy of Pulse Rate: $\pm 5\text{bpm}$

Temperature

- Digital thermometer temperature probe
- Temperature Range: 0 to 50 degree Celsius
- Measurement Accuracy: $\pm 0.1^\circ\text{C}$ between 0 to 50 degree Celsius

NIBP (Oscillometric Method)

- Inflatable rubber cuff surrounded by durable and flexible cover with Velcro for Adult, Pediatric, and Infant
- Rubber tubes with at least 30 cm length
- Systolic and Diastolic Blood Pressures reading of at least 290 mmHg
- Reading Accuracy: $\pm 5\text{mmHg}$
- Measures blood pressure at least every 10 minutes

RESP

- Thoracic Impedance Measurements via ECG leads

- Breaths Per Minute Range: 0-150bpm
- Measurement Accuracy: \pm 3bpm

Safety Features

- Protection against defibrillation and electrosurgical equipment
- Equipment compatible to patients with pacemaker
- Degree of protection against electrical shock: Type CF
- Alarms (alarm setting switch and sound adjustment switch)
- Arrhythmia
- Ventricular Fibrillation
- Tachycardia
- Bradycardia
- Electrode and/ or Sensor disconnection
- High and Low SP02
- High and Low Pulse Rate
- Sensor Failure
- Apnea Alarm
- Low Battery

Other Features

- Can be incorporated to a compatible Central Station Monitoring System

Power Supply

- 220 volts, 60hz with at least 1 KVA capacity servo type External AVR (Automatic Voltage Regulator)
- With built-in rechargeable battery allowing the equipment to operate at least 3 hours

Mobility

- Mounted on trolley

Accessories

- Protective Case
- Two Sets of ECG Electrodes
- ECG Cable with Lead Wires
- SP02 Sensor Probe (for adult, pediatric, neonate)
- Temperature Probe
- NIBP Cuff (for adult, pediatric/neonate)

Electrical Specifications/Requirements:

- 100 to 240 VAC
- 60Hz
- 3 prong electrical cord
- 2 KVA UPS with AVR for Central Monitoring Unit

Standard Requirements:

A. Supplier must comply with the following conditions:

- Notarized Certificate of Exclusive or Authorized Distributorship of the principal company of the equipment and the necessary consumables in the Philippines.
- Submit Certificate of Training of the Company Engineer/ Technical Personnel and Product Specialist issued by the Principal or Manufacturer.
- Submit sworn Statement that the company will respond within 24 – 48 hours in case of technical problems or equipment breakdown.
- Submit Sworn Statement that, in case of machine/ equipment downtime, the supplier is given three (3) days for remedial action (repair and or replacement of spare parts). On the 4th day, if the unit is not operational, a back- up machine shall be provided (within the warranty period).
- Warranty: three (3) years free service and two (2) years on parts.
- Semi- annual Preventive Maintenance and Calibration within the warranty period.
- Submit Sworn Statement that they have at least five (5) working units installed to tertiary hospital in the country.
- Submit notarized certification of product cycle (expected usable life of equipment)
- Notarized Certificate of availability of spare parts for the next ten years.
- Certificate that the machine has passed or conforms International Standard such as ISO or its equivalent for equipment only.

B. The Supplier must submit the following:

- Three (3) copies of the Operating and Service Manuals in English
- Provide list and cost of consumables
- Provide electrical requirements for proper operation of the machine.
- The manufacturer in coordination with the supplier must provide a comprehensive certification training program for the end – users and biomedical technician without additional cost to the procuring entity. Supplier must submit a

comprehensive training module as part of the technical specification which covers product orientation, hands-on training and troubleshooting. The said training must be conducted by a certified product specialist.

C. Training / Demonstration

- For end-user on operation of equipment
Hospital maintenance engineer/staff

Note: Training for end-users and Hospital maintenance engineer/ ED staff must be separately conducted by the Supplier for evaluation.

- Schedule of Preventive Maintenance during Warranty Period

Note: To attach PM sticker after every PM conducted.

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Date

Technical Specifications

Republic of the Philippines
 Department of Health Regional
 Office 02
 Region II Trauma and Medical Center

Item No. 34	ECG MACHINE WITH TROLLEY AND CABLE HANGER / STRAP, 12 LEAD	Quantity ABC	4 units P115,000.00/unit
Name of Manufacturer:		Country of Origin:	
Brand:		Model:	
PURCHASER'S SPECIFICATION		SUPPLIER'S SPECIFICATION	
<p>Power Supply: 220 VAC, 3-prong jack, autovolt, 60Hz, with built-in rechargeable battery pack</p> <p>Type: Automatic with manual mode</p> <p>Channel: 12</p> <p>Filters: AC, Muscles</p> <p>Leads: Standard 12 leads</p> <p>Sensitivity: 0.5 – 1.2cm/mV</p> <p>Paper Speed: 5.25 and 50mm/sec</p> <p>Recording system: thermal or better</p> <p>Paper cassette: compatible with paper type</p> <p>Built-in Printer</p> <p>Standard Accessories:</p> <ol style="list-style-type: none"> a. Power cord b. Patient cable c. Ground wire d. Four (4) limb electrodes, clip type 			

<p>e. Six (6) chest electrodes with rubber bulb</p> <p>f. Dust cover</p> <p>g. ECG Paper</p> <p>Warranty: Three (3) years</p> <p>Unit must be available for inspection/demonstration.</p>	
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Signature over Printed Name of Authorized Representative

Date

Technical Specifications

Republic of the Philippines Department of Health Regional Office 02 Region II Trauma and Medical Center			
Item No. 63	VIDEO LARYNGOSCOPE	Quantity ABC	1 set P1,000,000.00/unit
Name of Manufacturer:		Country of Origin:	
Brand:		Model:	
PURCHASER'S SPECIFICATION		SUPPLIER'S SPECIFICATION	
<p>Monitor for Endoscopes</p> <ul style="list-style-type: none"> • Screen resolution minimum 1 megapixel • Screen size at least 8" • CMOS Technology • Power Supply 110-240 VAC, 60Hz autovolt • Minimum of two (2) camera output with at least USB and HDMI port • With SD card slot • Splash-proof according to IP54 • Suitable for alcohol wipe disinfection • Shock resistant ABS plastic housing for the monitor • With rechargeable Li-Ion batteries (capacity) • Monitor must be compatible to use with video laryngoscopes, flexible intubation endoscopes, rigid intubation endoscopes, and semi-rigid intubation endoscopes <p>Accessories included:</p> <ul style="list-style-type: none"> • Universal power adaptor • Protection cap • Must provide at least 16 GB SD card <p>CMOS technology Blades: Reusable Macintosh blade size 4 (#1) - For use with the monitor Option for compatibility to use with handheld monitor for future upgrade</p> <p>Additional Accessories:</p> <ul style="list-style-type: none"> • Connecting cable for the use of video laryngoscope length at least 200cm (#1) 			

<ul style="list-style-type: none"> • Metal Stand for the monitor (#1) <p>Dimension: Height at least 120cm Crossbar at least 25cm x diameter 25mm for positioning the monitor With tray at least 30 x 20 x 10 cm (w x d x h)</p> <p>Warranty and Service: Warranty Certificate of one (1) year on parts and two (2) years on service, upon delivery, inspection and acceptance</p> <p>Preventive Maintenance</p> <p>Manual</p>	
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Authorized Representative

Date

Technical Specifications

Republic of the Philippines Department of Health Regional Office 02 Region II Trauma and Medical Center			
Item No. 53	SYRINGE PUMP	Quantity ABC	11 Units P70,000.00/unit
Name of Manufacturer:		Country of Origin:	
Brand:		Model:	
PURCHASER'S SPECIFICATION		SUPPLIER'S SPECIFICATION	

Dimension and weight: 300-335mm (W) x 110-121mm(H) x 190-200mm(H)

Capable of in-line pressure monitoring with alarm

Infusion volume range:

0.1 to 1,000ml

Time infusion range:

1 minute to 24hrs

Automatically calculate time in rate- Volume Mode & rate in Time-Volume Mode

Automatic calibration syringes

32-35 x 165-170mm LED/LCD display, high resolution, with LED backlight

Alarm Function: Occlusion, Near empty (3mins), Low battery, Infusion over, Empty, Disengagement, Internal function, AC power failure etc.

Long power cable: at least 3m

Battery Specification:

On lithium replaceable battery

Mean battery life 5.5 - 6 hours at 5.0ml/hour

At most 2.5-hour charging time for 0-90% battery charge

With safety certificate from competent authority CE/FDA (US)/STQC CB certificate/STQC S certificate or valid electrical and functional safety test report from ERTL. Copy of the certificates / test report shall be produced along with technical bid.

Warranty: 2 years on parts, 3 years service

Electrical Requirements:

- Voltage: 220-240 Volts AC, 60hz

<ul style="list-style-type: none"> • Phase: Compatible to existing power and generator of the institution. • All cords should be three prong IEC type. For equipment that do not come natively with 3 prong electrical connection and only have 2 prongs, it must have come with a valid certificate of medical equipment electrical safety compliance from a third party internationally recognized validator. • Provision of servo type AVR at least 50% capacity more than the electrical requirement of the equipment <p>Manuals: The supplier must provide Manuals in English</p> <p>Language:</p> <ul style="list-style-type: none"> • Operational manual-2 pcs (original and photocopy) • Service manual-2 pcs (original and photocopy) • Catalog or parts list • Schematic and wiring diagram • Installation manual. 	
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<hr/> Name of Company/Bidder	<hr/> Signature over Printed Name of Authorized Representative	<hr/> Date
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Technical Specifications

Republic of the Philippines
 Department of Health Regional
 Office 02
 Region II Trauma and Medical Center

Item No. 51	SUCTION MACHINE, HEAVY DUTY	Quantity ABC	1 Unit P685,000.00/unit
Name of Manufacturer:		Country of Origin:	
Brand:		Model:	
PURCHASER'S SPECIFICATION		SUPPLIER'S SPECIFICATION	
<p>Item Description</p> <p>Powerful – adjustable vacuum at -95</p> <p>Selectable flow rates: 40L/min 50L/min 60L/min</p> <p>Noise level: maximum operation <39.8Db</p> <p>Not more than 102 RPM at maximum operation</p> <p>Safety set feature for overflow protection</p> <p>Heavy duty piston</p> <p>Cylinder technology – suction system</p> <p>Membrane vacuum regulator</p> <p>With two (2) liquid collectors and two (2) pieces bottle (At least 5 liters capacity)</p> <p>With suction virus filter</p> <p>Type CF (Cardiac Floating: max earth leaking current 10μA) Protection against electric shock and direct conductive contact with heart</p> <p>Ingress protection: IP21</p>			

Equipotential conductor 1 on pump and 1 on trolley

Four (4) antistatic casters with four (4) locking devices

On/Off clean catch technology

Foot on/off switch

Flexibility on the collection system can be used with disposable or reusable collection system

Easy turn membrane vacuum regulator for precise vacuum levels

Large vacuum gauge for easy checking

Integrated foot switch on trolley

CE/FDA approvals

IEC 60601-1:2005, edition 3.0

Additional Requirements:

Equipment must be brand new unit

Demo unit should be the same unit offered (actual demo)

Semi-Annual Preventive Maintenance and calibration

Two (2) years warranty on parts and three (3) years on services

Provide company response within 24-48 hours should the existing machine / equipment breaks down

In case of machine downtime, supplier is given two (2) days for remedial action (repair)

Electrical Requirements:

- Voltage: 220-240 Volts AC, 60hz
- Phase: Compatible to existing power and generator of the institution.
- All cords should be three prong IEC type. For equipment that do not come natively with 3 prong electrical connection and only have 2 prongs, it must have come with a valid certificate of medical

<p>equipment electrical safety compliance from a third party internationally recognized validator.</p> <ul style="list-style-type: none"> • Provision of servo type AVR at least 50% capacity more than the electrical requirement of the equipment <p>Manuals: The supplier must provide Manuals in English</p> <p>Language:</p> <ul style="list-style-type: none"> • Operational manual-2 pcs (original and photocopy) • Service manual-2 pcs (original and photocopy) • Catalog or parts list • Schematic and wiring diagram • Installation manual. <p><i>1 unit for Nursing Department</i></p>	
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Technical Specifications

Republic of the Philippines
 Department of Health
 Regional Office 02
 Region II Trauma and Medical Center

Item No. 36	FETAL MONITOR	Quantity ABC	2 units P260,000.00/unit
Name of Manufacturer:		Country of Origin:	
Brand:		Model:	
PURCHASER'S SPECIFICATION		SUPPLIER'S SPECIFICATION	
<p>Meets prenatal through labor and delivery monitoring needs with single, versatile platform. The sleek, compact, lightweight desing is ideally suited for hospital, which includes capabilities for twins and efficiently transitions from external to internal monitoring. Screen should be colored at least 12.1 "TFT color screen/capable of fold and tilt positioning.</p> <ul style="list-style-type: none"> • (At least) 9-12 Crystal, Pulsed Doppler Ultrasound technoogy provides a wide-beam profile and makes initial placement faster and easier, and requires less repositioning. • Heart Beat Coincidence Recognition an audible tone alerts the clinician on detection of a heart beat coincidence, allowing an immediate repositioning of the ultrasound transceivers. <p>Functions:</p> <ol style="list-style-type: none"> 1. The simultaneous & audible heartbeat sound of twins makes it easy to identify from the beginning of the application two different heart rates. 2. On Heart Beat Coincidence a unique visual alarm will get your attention after 60 seconds. 3. The identified status of the Heart Beat Coincidence is documented on the CTG Strip. 			

- (Optional) Telemetry Interface supports convenient assesment of the ambulatory obstetrical patient and promotes hydrotherapy when used with transducers.

Standard Accessories

- Toco transducers (1 unit)
- Ultrasound transducer with belt (2 units)
- Remote event marker (1 unit)
- Transducer belt with snap on (1 unit)
- CTG Jelly (1 tube)
- Thermal recorder paper (1 pack)
- 4-wheel carrier for AVR & accessories

Other Terms and Conditions

1. The supplier must either be the manufacturer or the principal company or the exclusive or authorized distributor of the principalcompany of the equipment.
2. The supplier must already have functioning installation equipment and its accessories in the Philippines to prove that it has experience to provide fast and efficient service calls for the said equipment. Has experience to provide fast and efficient service calls for this equipment.

Power Requirements:

1. Voltage: 220 -240 AC, 60 Hz
2. AVR (Automatic Voltage Regulator) capacity of 50% higher than the actual power consumption of the equipment, Servo type
3. Power cord should be three (3) – prong (with ground)

Standard Requirements:

1. Manuals in English Language
 - a. Operational manual – 2 pcs (Original & Photocopy)
 - b. Service Manual – 2 pcs (Original & Photocopy)
2. Training Program (to issue certificate)
 - a. For end-user on operation of equipment
 - b. Hospital maintenance engineer/staff

Note: Training program for the end-users and Hospital maintenance engineer/staff must be seperatelyconducted by the Supplier.

<ol style="list-style-type: none"> 3. Three (3) years warranty of service and one (1) year warranty on parts (to issue certificate) 4. Preventive Maintenance Service Certificate <ul style="list-style-type: none"> • Quarterly • Periodic calibration for 3 years • Issuance of calibration certificate annually during warranty period 5. Declaration of Conformity with ISO/IEC/PNS as issued by the manufacturer. 6. Certification on the availability of spare parts for the next 5 year 	
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Name of Company/Bidder

Signature over Printed Name of
Authorized Representative

Date

Technical Specifications

Republic of the Philippines Department of Health Regional Office 02 Region II Trauma and Medical Center			
Item No. 37	HOSPITAL BED	Quantity ABC	50 units P35,000.00/unit
Name of Manufacturer:		Country of Origin:	
Brand:		Model:	
PURCHASER'S SPECIFICATION		SUPPLIER'S SPECIFICATION	
<p>Three (3) Cranks Set, with mattress, IV pole and table (removable), Heavy duty</p> <p>Detachable ABS head and foot board mounted in 4 wheels with lock</p> <p>Comes with lifting head 75-80 degrees for leg up and down and sliding side rails in both sides mechanically operated through three (3) cranks manual</p> <p>Weight capacity static bearing 250-260kgs</p> <p>Comes with 4 inches(10mm) mattress with water proof cover</p> <p>Adjustable height: 450-700mm</p> <p>Gross weight: 90-92kgs</p> <p>Net weight: 88-90kgs</p> <p>Dimension: 2040 x 930 x 320mm ±10mm</p> <p>2040 x 930 x 320mm</p> <p>With extra foam/mattress, waterproof, 4" thickness</p> <p>With one (1) year warranty</p> <p>Unit must be available for inspection/demonstration.</p>			

I hereby certify that the statement of compliance to the foregoing technical specifications are true and correct, otherwise, if found to be false either during bid evaluation or post qualification, the same shall give rise to automatic disqualification of our bid.

Name of Company/Bidder	Signature over Printed Name of Authorized Representative	Date
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Technical Specifications

Republic of the Philippines
 Department of Health Regional
 Office 02
 Region II Trauma and Medical Center

Item No. 44	NEBULIZER, HEAVY DUTY	Quantity ABC	30 Units P9,500.00/unit
Name of Manufacturer:		Country of Origin:	
Brand:		Model:	
PURCHASER'S SPECIFICATION		SUPPLIER'S SPECIFICATION	
<p>Product weight: at least 7lbs without accessories</p> <p>Depth: 10-12 inches</p> <p>Product height: 10.5" max</p> <p>Comp. pressure: 30 psi or greater</p> <p>Comp. Airflow: At least 8L/min.</p> <p>Nebulizer operating pressure: 12-18psi</p> <p>Nebulizer rate: At least .15ml/min</p> <p>Nebulizer capacity: 5-10ml</p> <p>Sound level: maximum of 52dbA</p> <p>Compressor type: diaphragm</p> <p>Power supply: 220 – 240 VAC, 60Hz</p> <p>Standard Accessories:</p> <p>With two (2) years warranty</p> <p>Documents to be submitted before delivery:</p> <ul style="list-style-type: none"> • Bank guarantee or 1% retention fee 			

<ul style="list-style-type: none"> • Tax receipts (BIR/Customs) • Certificate of Warranty • Manuals available in English Operational Manual, Service Manual 	
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I hereby certify that the statement of compliance to the foregoing technical specifications are true and correct, otherwise, if found to be false either during bid evaluation or post qualification, the same shall give rise to automatic disqualification of our bid.

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Technical Specifications

Republic of the Philippines
 Department of Health Regional Office 02
 Region II Trauma and Medical Center

Item No. 61	LAPAROSCOPIC SUCTION IRRIGATION MACHINE	Quantity ABC	One (1) Unit P550,000.00/unit
Name of Manufacturer:		Country of Origin:	
Brand:		Model:	
PURCHASER'S SPECIFICATION		SUPPLIER'S SPECIFICATION	
<p>A. Summary Description of the equipment:</p> <p>Combined suction and irrigation machine to be used during minimally invasive surgical procedures</p>			
<p>B. Physical characteristics or attributes, form and design of the equipment:</p> <p>Maximum output: Irrigation: 2.0 l/min ($\pm 10\%$) Suction: 2.0 l/min (+0.4/-0.1 l/min)</p> <p>Maximum pump pressure: 400 mm Hg (± 50 mm Hg) Motor cut-out: 500 mm Hg after 5 s (± 25 mm Hg) Suction pressure: between -50 kpa and -60 kpa</p> <p>Connections: Equipotential bonding, vacuum connection, service connection</p> <p>Dimensions: width x height x depth With clamping screw: 140-160 mm x 210-250 mm x 210 – 250mm (without clamps) 295-320 (with clamps)</p> <p>Weight: not more than 4.5 kg</p>			
<p>C. Functionality and Performance:</p> <p>With capability to detect validity of tubings via radio frequency identification</p>			

<p>D. Safety Features:</p> <p>Classification in conformity with guideline 93/42/EEC: IIa Safety class: I Degree of protection: Type BF Protection rating (IP Code): IP41 Manufactured and tested in conformity with: IEC 60601-1 / EN 60601-1</p>	
<p>E. Convenience Features:</p> <p>With cart or IV or pole stand</p>	
<p>F. Accessories and Consumables:</p> <p>With power cables</p> <p>Tubing set with piercing connector, (for irrigation), with luer-lock connector, autoclavable, incl. 10 replacement membranes, reusable for 20 reprocessing cycles</p> <p>Tubing set reusable, (vacuum tube) autoclavable (reusable)</p> <p>Protective filter for gas filtration, hydrophobic, (hygiene filter) / built-in or external</p> <p>Suction container PSU, 3 liters, autoclavable</p> <p>Holder, for fixing the suction container on irrigator stand</p>	
<p>G. Electrical Requirements</p> <p>Power connection: 100 – 240 V~, 50/60 Hz Max. power consumption: 52 VA Max. current consumption: 100 V: 0.5 A, 240 V: 0.22 A</p>	
<p>H. Quality Certifications:</p> <p>ISO 13485</p>	
<p>Other Terms and Conditions of Acceptability</p> <ul style="list-style-type: none"> - Bids offers in Philippine peso to include taxes and duties - Supplier must provide periodic maintenance during the warranty period at no additional cost as well as provide periodic maintenance after the warranty has lapsed - Supplier must provide orientation training for users and maintenance personnel of the hospital 	

<ul style="list-style-type: none"> - Product brochure or technical data sheet(s) of the equipment showing the technical specifications in English language. - Valid and current Certificate of Compliance of manufacturer of the equipment with the latest version ISO 13485: Quality Management System – Requirements for regulatory purposes in the name of the manufacturer. The Certificates must be issued by an independent Certifying Body/Agency. - Valid Certificate of Distributorship (as first Tier Distributor) issued by the Manufacturer of the equipment authorizing the bidder to sell/distribute the offered instruments. - Proof (such as sales invoice) that the Brand of the instruments has been sold to other health facilities in the Philippines. - Notarized Certificate from the bidder: <ul style="list-style-type: none"> a. That the brand of the equipment has been in the local and/or international market for at least ten (10) years. b. That the equipment and its accessories are brand new, unused, not discontinued models and were not subjected to any product recall. - Warranty: 2 years warranty certificate on parts and on services. The supplier shall either repair or replace any item or part in the instruments 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. 	
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Name of Company/Bidder

Signature over Printed Name of
Authorized Representative

Date