

Technical Specifications

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

Item No. 8	BIOLOGICAL SAFETY CABINET, CLASS II 2A	Quantity ABC	1 Unit P716,000.00 / Unit
Name of Manufacturer:		Country of Origin:	
Brand:		Model:	
PURCHASER'S SPECIFICATION		SUPPLIER'S SPECIFICATION	
<p>Configuration:</p> <ul style="list-style-type: none"> • Installation: Floor Standing • External Dimension with base: Width : 1300 -1350 mm Depth: 780 - 820 mm Height: 2000 – 2200 mm • Internal working space: Stainless steel dimension : Width: 1200 – 1250 mm Depth: 575 – 580 mm Height: 625 – 600 mm • External: Steel body coated with antibacterial paint • Front Opening: full glass view with anti UV, double with slide-up motorized opening. • Working Opening (sash opening of front window) : 190 – 200 mm • Stand: Wheeled Lockable stand with levelling caster wheels • Height: Should fit the identified installation area 			

- Electrical outlet: at least 1 (one) universal outlet
- Service fixture port for gas and water
- Equipped with auto-compensating feature that adjust blower speed to maintain airflow
- Low energy consumption and low heat mechanism
- Interlock function: UV lamp and front window; UV lamp and blower, fluorescent lamp; blower and front window.

Motor: Brushless type

Filter: at least ULPA 15 filter
ISO 14644-1 Class 3 air quality

Inflow Velocity Average : atleast 0.40 – 0.55 m/s

Lighting system: Recessed Fluorescent/LED
>1000 Lux

Low Noise Emission : 50 – 55dBA

Sterilization: Automatic operation of built-in Ultra-violet (UV) Lamp or additional accessory

Capacity: work area at least 0.5 square meter

Control system: Microprocessor control with LED display and with remote control

Alarm system:

- Door left open
- Filter use count reached
- Power Failure
- Velocity/pressure failure

Accessories:

- Non-absorbent stool (adjustable)
- To provide one (1) extra set of filter

Certification: EN 12469

To submit list of consumable items with costing

Standard Requirements:

1. Manuals in English Language
 - a. Operational manual – 2pcs (Original & Photocopy)
 - b. Service manual (catalog or parts list, schematic & wiring diagram, installation manual) – 2 pcs (Original & Photocopy)
2. Training / Demonstration
 - a. For end-user on operation of equipment
 - b. Hospital maintenance engineer/staff
 - c. **Note: Training for end-users and Hospital maintenance engineer/staff must be separately conducted by the Supplier**
3. Replace equipment for unit malfunction within 1 year
4. Three (3) year warranty on parts
5. Five (5) year warranty on service
6. Once a year preventive maintenance and annual calibration (if applicable) during warranty period of 5 years

Power Requirements:

1. Voltage requirement: 220-240 VAC, 60 Hz

2. AVR (Automatic Voltage Regulator) SERVO Type with Capacity of 50% Higher than the Actual Power Consumption of the Equipment

3. Power Cord should be three (3) prong

Note: To attach PM sticker after every PM conducted.

Additional Documentary Requirements:

1. Product brochure or technical data sheet(s) of the equipment showing the technical specifications in English language.
2. 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.
3. Valid Marketing Authorization, Registration Approval or Free Sale Certificate for each equipment issued by the Health Authority in the country of origin.
4. Valid Certificate of Distributorship (as first Tier Distributor) issued by the Manufacturer of each equipment authorizing the bidder to sell/distribute the offered equipment.
5. Proof (such as sales invoice) that the Brand of the equipment has been sold to other health facilities in the Philippines.
6. Notarized Certificate from the bidder:
 - 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

<p>models and were not subjected to any product recall.</p> <p>7. Bidder's valid and current License to Operate (LTO) as a medical device distributor issued by the Philippine Food and Drug Administration. In case of expired LTO, the following must be submitted: i) Copy of expired LTO, ii) Application for renewal, iii) Official Receipt as proof of payment for the renewal of LTO.</p>	
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Submitted by:

Name and Signature of the Representative of the Bidder: _____

Name of Company: _____

Date: _____