

Technical Specifications

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

Item No. 23	FULLY AUTOMATED BACTERIA AND YEAST IDENTIFICATION AND SUSCEPTIBILITY MACHINE	Quantity ABC	1 Unit P4,500,000.00 / Unit
Name of Manufacturer:		Country of Origin:	
Brand:		Model:	
PURCHASER'S SPECIFICATION		SUPPLIER'S SPECIFICATION	
OPERATIONAL SPECIFICATIONS: <ul style="list-style-type: none"> • Reagent System must be compatible to the existing machine • Benchtop installation • Onboard capacity: 50 minimum. • Capable of releasing of result at least within 8 hours. • Machine must have a built-in incubator and reader. • Machine with vacuum filler and sealer. • An automated internal barcode scanner to provide validation of what the user has entered into the software. • Must be capable of giving systematic validation of results and interpretation of resistance and phenotype found during susceptibility testing in correlation to Clinical Laboratory Standard Institute or any acceptable standards for microbiology antimicrobial susceptibility reporting. 			

- Must have the capacity to be upgraded to latest software version.
- Capable interfacing with Hospital Information System and Laboratory Information System.
- User friendly with user interface screen for immediate notification of system status.
- Barcode reader for test cards and cassettes.
- Dimension : (W x D x H) : 26-30 x 25-28 x 22-26 inches

ADDITIONAL REQUIREMENT

- Provide a compatible densitometer set with Mac Farland standards tubes : (3.0; 2.0; 0.5; 0.0)
- Provide pipettor for gram negative
- Provide pipettor for gram positive
- Provide a compatible PC with back external hard drive (1 Terabyte).
- Provide printer with built-in CISS.
- Must provide a computer and printer stand.

POWER REQUIREMENTS:

- Provide UPS 600W/1000VA with built-in AVR (Automated Voltage Regulator) as recommended by the manufacturer - capacity of 50% higher than the actual power consumption of the equipment.
- Power Cord should be three (3) prong.
- With at least 15 minutes back-up time.

CERTIFICATION

- ISO Certified, EU, FDA Certified

Standard Requirements:

1. Manuals in English Language
 - a. Operational manual – 2pcs (Original & Photocopy)

<p>b. Service manual(catalog or parts list, schematic & wiring diagram, installation manual) – 2 pcs (Original & Photocopy)</p> <p>2. Training / Demonstration</p> <p>a. For end-user on operation of equipment</p> <p>b. Hospital maintenance engineer/staff</p> <p>c. Note: Training for end-users and Hospital maintenance engineer/staff must be separately conducted by the Supplier</p> <p>3. Five (5) years warranty on service and Three (3) years warranty on parts (to issue certificate)</p> <p>4. Certification on the availability of spare parts for the next 5 years</p> <p>5. Schedule of Preventive Maintenance during Warranty Period</p> <p><i>Note: To attach PM sticker after every PM conducted.</i></p>	
--	--

Submitted by:

Name and Signature of the Representative of the Bidder: _____

Name of Company: _____

Date: _____