



PHILIPPINE HEART CENTER  
East Avenue, Quezon City

**SUPPLEMENTAL BID BULLETIN No. 035-2024**

**SUBJECT** : Revised Technical Specifications of the Project

**PROJECT** : 3 units Vein Illuminator - ITB No. 03124

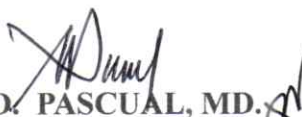
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To ensure that the transactions are comparatively advantageous to the interests of the PHC, the originally pre-issued bidding documents as mentioned above, revised technical specifications is hereby introduced.


- **Attached - Revised Technical Specifications - Annex "A"**

This Supplemental Bid Bulletin is hereby supersedes the original parameters as stated therein. All other requirements previously stated on the bid documents must be complied.

Please be guided accordingly.

**Approved.** Done this 16 day of May 2024, BAC Office, PHC.

  
**ANTONIO D. PASCUAL, MD.**  
Chairman, BAC for Pharmaceutical Supplies and Medical Equipment



## SPECIFICATIONS

### VEIN ILLUMINATOR

#### Description of Function

For easy mapping of veins during intravenous insertions.

#### Operational Require

System complete with all accessories as specified in the Technical Specifications below.

#### 1 Technical Specifications

- 1.1 Touch control button to power on and off with light indicator
- 1.2 With 1-2 inches display, with minimum resolution of 640 x 480 pixels
- 1.3 Weight – 250g – 700 grams
- 1.4 Handheld
- 1.5 With mobile stand to hold unit during insertion
- 1.6 Size: (L) 20 - 30cm x (W) 5 – 12 cm x (H) 5 - 6cm
- 1.7 Imaging distance: 15-40 cm
- 1.8 Shows vein in real time imaging
- 1.9 Displays a map of vasculature on the skin surface
- 1.10 Can work on patients including neonates, dark skinned and obese patients

#### 2 Environmental factors

- 2.1 The unit shall be capable of being stored continuously in ambient temperature of 0-50deg C and relative humidity of 15-90%
- 2.2 The unit shall be capable of operating in ambient temperature of 20-30 deg C and relative humidity of less than 70%
- 2.3 Shall meet IEC-60601-1-2 :2001(Or Equivalent BIS) General Requirements of Safety for Electromagnetic Compatibility or should comply with 89/ 366/ EEC; EMC-directive

#### 3 Power Supply

- 3.1 Rechargeable battery (Lithium ion/NiMH) with charge status indicator on display
- 3.2 Continuous runt time of 2-8 hours

3.3 Charging time 2-5 hours

3.4 Power input to be 220 – 240 volts, 60Hz

3.5 Electrical plug compatible with PHC set socket, provide certification

#### **4 Standards, Safety and Training**

4.1 Manufactures/Supplier should have ISO 13485 certificate to Quality Standard

4.2 Should be CE, UL, or BIS approved product

4.3 Should be FDA Philippines approved product

4.4 Comprehensive technical training for PHC BIOMED and User's training to staff for familiarity with the system

4.5 Electrical safety conforms to standards for electrical safety IEC 60601-1 General Requirements (OR EQUIVALENT international/national standard)

4.6 Comprehensive warranty for 3 years on parts and services and 3 years free quarterly Preventive Maintenance

#### **5 Documentation**

5.1 User/Technician Maintenance manuals to be supplied in English in hard and soft copies upon delivery

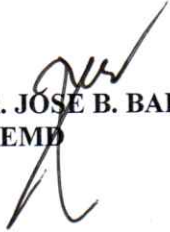
5.2 List of important spare parts and accessories with their part number and costing

5.3 List of Equipment available for providing calibration and routine maintenance support as per manufacturer documentation in service /technical manual

5.4 Supplier must submit notarized certification of good standing from PHC user (if with previous contract with PHC) or other hospital/ health care facilities (if without previous contract with PHC)

5.5 Authorized distributorship of hospital equipment

5.6 Delivery: 60 days

  
ENGR. JOSE B. BARSAGA  
Chief, EMD

  
JOYETTE ANN F. MINDORO, MPA, RN  
Chief, ER and Ambulatory Care / MS1