

# Technical Specifications

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

Item No. 1	<b>HEAVY DUTY HIGH CAPACITY ULTRAVIOLET LIGHT DISINFECTION MACHINE WITH TRANSPORT TROLLEY</b>	Quantity ABC	1 unit 2,000,000.00 / Unit
Name of Manufacturer:		Country of Origin:	
Brand:		Model:	
PURCHASER'S SPECIFICATION		SUPPLIER'S SPECIFICATION	
<ul style="list-style-type: none"> <li>3-4 individually adjustable articulating heads</li> <li>High output light bulbs able to rotate 180<sup>0</sup> (UVC)</li> <li>UVC vertical dosing height range at least 15 cm – 210cm</li> <li>Variable cycle times: depending on size of room</li> <li>Chemical free and fume free disinfection</li> <li>No ozone generation UVC technology</li> </ul> <p><b>Convenience Features:</b></p> <ul style="list-style-type: none"> <li>Portable with weight: 17 – 20 kgs</li> <li>Easily positioned in the area to be disinfected with articulating heads</li> <li>Remote control unit operation 50-60 ft. operational range and lockable feet / casters</li> <li>Capable of battery operation for remote control</li> </ul> <p><b>Safety Features:</b></p> <ul style="list-style-type: none"> <li>Remote sensing technology that shuts down device if disrupted during operation (e.g. sudden opening of room, entry of personnel)</li> <li>With warning indicator when disinfection process is going-on.</li> </ul> <p><b>Power Requirements:</b></p> <ul style="list-style-type: none"> <li>220 – 240V, 50/60Hz</li> </ul>			

- 3 prong IEC plug with at least 1.5-meter electrical cord

**Other Requirements:**

- Free replacement bulbs
- User's manual, training and demonstration for end-user on operation of equipment
- Training of engineering staff and end-user on technical parts of equipment

**Other Terms and Conditions of Acceptability:**

1. Supplier must comply with the following conditions:
  - a. Notarized Certificate of Exclusive or Authorized Distributorship of the principal company of the equipment and the necessary consumables in the Philippines
  - b. Submit Certificate of Training of the Company Engineer / Technical Personnel and Product Specialist issued by the Principal or Manufacturer.
  - c. Submit Sworn Statement that the company will respond within 24 – 48 hours in case of technical problems or equipment breakdown.
  - d. Submit Sworn Statement that, in case of machine downtime, the supplier is given three (3) days for remedial action (repair and or replacement of spare parts). On the 4<sup>th</sup> day, if the unit is not operational, a back-up machine shall be provided (within the warranty period).
  - e. Replace equipment for major unit malfunction within 1 year of delivery (at least 2 attempts of repair)
  - f. Warranty: Three (3) years free service and two (2) years on parts.
  - g. Semi-annual Preventive Maintenance & Calibration within the warranty period

<p>h. Submit Sworn Statement that they have at least five (5) working units installed in the country.</p> <p>i. Submit notarized certification of product cycle (expected usable life of equipment)</p> <p>j. Notarized Certificate of availability of spare parts for the next ten (10) years.</p> <p>2. The Supplier must submit the following:</p> <p>a. Three (3) copies of the Operating and Service Manuals in English</p> <p>b. Provide list and cost of consumables</p> <p>c. Provide electrical requirements for proper operation of the machine</p> <p>3. 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.</p> <p>4. Cost of damages on the existing facility that will be incurred during delivery and installation of all equipment will be shouldered by the supplier.</p> <p>5. The Region II Trauma and Medical Center has the right to terminate the contract for any violation in the terms and conditions stated in the technical specification.</p> <p><b>Compliance with the following standards:</b></p> <ul style="list-style-type: none"> <li>- With Certificate of Good Manufacturing Practice (GMP) for manufacturing process</li> </ul>	
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<p><b>Must have at least one of the following Certifications:</b></p> <ul style="list-style-type: none"> <li>▪ Underwriter Laboratories (UL)</li> <li>▪ ISO 13485:2016 Certificate</li> </ul> <p><b>Power Requirements:</b></p> <ul style="list-style-type: none"> <li>▪ 220-240 voltage AC, 50 - 60 Hz</li> <li>▪ To provide one (1) unit voltage regulator at least 50% more than the required power of the machine.</li> </ul>	
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*Note: 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.*

Name of Company: \_\_\_\_\_

Name of Representative: \_\_\_\_\_

Signature of Representative: \_\_\_\_\_

Date: \_\_\_\_\_