



Republic of the Philippines  
Department of Health  
Regional Office No. XI  
**SOUTHERN PHILIPPINES MEDICAL CENTER**  
J.P. Laurel Avenue, Davao City



## TECHNICAL SPECIFICATIONS

### **SUPPLY, DELIVERY AND INSTALLATION OF ONE (1) LOT BRAND NEW DIAGNOSTIC AND OPERATIVE HYSTEROSCOPY INSTRUMENTS AND EQUIPMENT**

*Name of Project*

#### ***Instructions:***

Bidders must state in the column under **Statement of Compliance** the word either “Comply” or “Not Comply” against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of “Comply” must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer’s un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidders statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the provisions of **ITB** Clause 3.1(a) (ii) and/or **GCC** Clause 2.1(a) (ii).

Bidder may submit offer which provides for superior specifications and /or better terms and conditions to the government at no extra cost. However, these shall not be given any bonus, credit or premium in the bid evaluation

**Prepared by Technical Working Group**

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<b><u>ONE (1) LOT DIAGNOSTIC AND OPERATIVE HYSTEROSCOPY INSTRUMENTS AND EQUIPMENT</u></b>	<p><b><u>I. IMAGING STATION SYSTEM</u></b></p> <p><b>-One (1) unit Two-in-one integrated LED light source and HD camera in a single housing</b></p> <ol style="list-style-type: none"> <li>1. Dimensions of the control unit: Length: 310-320mm; Width:75-80mm; Height: 310-320mm</li> <li>2. Weight of the control unit: 4-4.5 kg</li> <li>3. Power supply: Power supply: (100-230 V ~ 50/60 Hz)</li> <li>4. Power consumption: 130-140 VA</li> <li>5. 1 HDMI output</li> <li>6. 2 Wi-Fi ports</li> <li>7. 2 Wi-Fi keys and a 16GB USB storage key</li> <li>8. with 2TB external drive</li> </ol> <p><b>-Two (2) pcs Light source</b></p> <ol style="list-style-type: none"> <li>1. LED technology</li> <li>2. Nominal power: 64 W not greater than a 180 W (equivalent to Xenon light source)</li> <li>3. Color temperature of 6000° K</li> <li>4. Typical LED lifetime of 50,000 hours or higher</li> <li>5. Automatic detection of presence/absence of the light cable</li> </ol>		

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<p><i>(continuation)</i></p>	<p><b><u>IX. TWO (2) UNITS LED LAMP</u></b></p> <ol style="list-style-type: none"> <li>1. LED lamp for minor surgery, dermatology and for all intensive cares</li> <li>2. Watts: 17 W comparable to 90 W Halogen</li> <li>3. Kelvins: 4500<sup>0</sup> K</li> <li>4. Lumens: 1440lm</li> <li>5. Led lifetime: at least 50, 000 hrs</li> <li>6. Color rendering index: 95</li> <li>7. Cable length: 3-3.5 meters</li> <li>8. Head lamp size: Length: 160-165mm; Width: 133-135 mm</li> <li>9. Base lamp: Length: 69-70mm; Width: 69-70mm; Height: 115-120 mm</li> <li>10. Interaxis (4 holes on lamps base): Up to 55 cm</li> </ol>		

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<p><i>(continuation)</i></p>	<p><b><u>XI. ONE (1) UNIT EXAMINATION TABLE</u></b></p> <ol style="list-style-type: none"> <li>1. Manual adjustments of backrest, footrest</li> <li>2. Trendelenburg</li> <li>3. Stainless steel waste bin</li> <li>4. Electrostatic powder coated metal frame</li> <li>5. Adjustable Polyurethane leg supports</li> <li>6. Synthetic leather coated mattress surface</li> <li>7. Support handles</li> <li>8. Two (2) units Foot Stool, 1 step</li> <li>9. Tissue roll hanger</li> </ol>		

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<p><b><u>ONE (1) LOT DIAGNOSTIC AND OPERATIVE HYSTEROSCOPY INSTRUMENTS AND EQUIPMENT</u></b></p> <p><i>(continuation)</i></p>	<p><b><u>XVII. ONE (1) UNIT UTILITY CART</u></b></p> <ol style="list-style-type: none"> <li>1. Full stainless-steel main frame and compact &amp; laminated drawers</li> <li>2. Two (2) shelves</li> <li>3. Four (4) 4" ball bearing casters (Two with locking brake)</li> </ol> <p><b><u>XVIII. ONE (1) UNIT INSTRUMENT &amp; MEDICINE CABINET</u></b></p> <ol style="list-style-type: none"> <li>1. Made of high-grade stainless steel to be used in operating theatres and intervention rooms</li> <li>2. Lockable glass doors</li> <li>3. 3 adjustable shelves</li> <li>4. 4 adjustable legs for floor balance</li> </ol> <p><b><u>XIX. ONE (1) SET HYSTEROSCOPE SIMULATOR</u></b></p> <ol style="list-style-type: none"> <li>1. Hysteroscopy base unit to position uterus</li> <li>2. Clamps for fixing base unit</li> <li>3. Two (2) pcs Non pathological Uterus – also used for interchangeable polyps and adhesions</li> <li>4. One (1) pc Uterus with submucosal fibroid/cancer lesion</li> <li>5. Fifty (50) pcs Polyps</li> <li>6. Two (2) Meters of Adhesions</li> </ol>		

*Name and Signature of Authorized Representative*

## TECHNICAL SPECIFICATIONS

### SUPPLY, DELIVERY AND INSTALLATION OF ONE (1) LOT BRAND NEW DIAGNOSTIC AND OPERATIVE HYSTEROSCOPY INSTRUMENTS AND EQUIPMENT

*Name of Project*

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<p style="text-align: center;"><b><u>ONE (1) LOT DIAGNOSTIC AND OPERATIVE HYSTEROSCOPY INSTRUMENTS AND EQUIPMENT</u></b></p> <p style="text-align: center;"><i>(continuation)</i></p>	<p><b><u>XX. TWO (2) UNITS LIGHTING TROFER WITH UV-C AIR TREATMENT SYSTEM</u></b></p> <p>Fixture Specs:</p> <ol style="list-style-type: none"> <li>1. Dimensions: 24-26" wide x 48-50" long x 6-8" high (UV chamber included)</li> <li>2. Weight: 40-45 lbs.</li> <li>3. Wattages: 34-41 (LED tubes)</li> <li>4. Voltages: 120-277v (UNV), 347v</li> <li>5. Power supply: 220-240 VAC, 60Hz</li> <li>6. Generator: T8 Ballast Configuration with Options</li> <li>7. Housing: 20 galvanize Steel with Antimicrobial Powder Coat Finish</li> <li>8. Lens/Door: Prismatic</li> <li>9. Lumen Output: 3500 (LED tubes)</li> </ol> <p>Chamber Specs:</p> <ol style="list-style-type: none"> <li>1. Dimension: 16-18" wide x 48-50" long x 2-3" high</li> <li>2. Lamp: One 59w T5HO 22-25" Lamp w/ 15w of Output</li> <li>3. Fan system: Ultra Quiet Air Circulation Fans</li> <li>4. Volume: 50-52 CFM</li> <li>5. Generator: Dedicated UV Ballast</li> <li>6. Air Filter: MERV 6 High Air Flow Particle Filter</li> <li>7. Should prevent UV Light Leaks</li> <li>8. Switch should deactivate UV When Accessed</li> </ol>		

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<p><b><u>ONE (1) LOT DIAGNOSTIC AND OPERATIVE HYSTEROSCOPY INSTRUMENTS AND EQUIPMENT</u></b></p> <p><i>(continuation)</i></p>	<p><b>Other terms &amp; conditions of acceptability:</b></p> <ol style="list-style-type: none"> <li>1. The equipment must be BRAND-NEW and under warranty including spare parts for at least 2 years. Supplier must bind itself to conduct preventive maintenance on a quarterly basis at its own expense (including labor and cost of spare parts).</li> <li>2. All machines must be manufactured by a known and reputable company compliant with ISO or its equivalent for equipment only.</li> <li>3. The equipment / machine must be able to comply with its installation and operation qualification which would be conducted in the presence of SPMC Biomedical Technician, End-user and the Company Engineer.</li> <li>4. In line with the ISO standard requirement, the supplier's engineer or technical personnel must be capable of conducting annual calibration and the issuance of certificate for the said calibration based on the following data:               <ol style="list-style-type: none"> <li>a. Reference standards</li> <li>b. National Institute of Standards and Technology traceability</li> <li>c. Reference values</li> <li>d. Validity period</li> <li>e. Uncertainty of measurement</li> </ol> </li> </ol>		

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## TECHNICAL SPECIFICATIONS

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<p><b><u>ONE (1) LOT DIAGNOSTIC AND OPERATIVE HYSTEROSCOPY INSTRUMENTS AND EQUIPMENT</u></b></p> <p style="text-align: center;"><i>(continuation)</i></p>	<p>5. Supplier must comply with the following conditions:</p> <ul style="list-style-type: none"> <li>a. Must be the exclusive or authorized distributor of the principal company of the equipment and the necessary consumables in the Philippines.</li> <li>b. Submit Certificate of Training of the Company Engineer / Technical Personnel and Product Specialist issued by the Principal or Manufacturer.</li> <li>c. Provide company response within 24 – 48 hours in case of technical problems or equipment breakdown.</li> <li>d. In case of machine 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. The supplier will be given 14 days to comply in providing back up machine. A penalty will be imposed after the 14<sup>th</sup> day amounting to the average daily income of the machine. This is to cover for the income loss.</li> </ul> <p>6. The Supplier must submit the following:</p> <ul style="list-style-type: none"> <li>a. Three (3) copies of the Operating and Service Manuals in English during the delivery of the equipment.</li> <li>b. Notarized Certificate of availability of spare parts for the next ten (10) years.</li> </ul> <p>7. 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>		

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<p><b><u>ONE (1) LOT DIAGNOSTIC AND OPERATIVE HYSTEROSCOPY INSTRUMENTS AND EQUIPMENT</u></b></p> <p><i>(continuation)</i></p>	<p>8. The principal in coordination with the supplier must provide a comprehensive certification training program preferably onsite for the end-users and biomedical technician without additional cost to the procuring entity. Supplier must submit a <b>comprehensive training module</b> 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. The module should indicate the following:</p> <ul style="list-style-type: none"> <li>- The objectives of the training</li> <li>- The methods or activities that shall be done during the training</li> <li>- The training outline that indicates the concepts and/or skills to be discussed/ taught.</li> <li>- The target participants of the training</li> <li>- The activity schedule indicating the no. of days or hours</li> </ul> <p>9. The winning bidder shall shoulder the necessary room renovations, including the furnishings and fixtures.</p> <p>10. The Southern Philippines Medical Center has the right to terminate the contract for any violation in the terms and conditions stated in the technical specification and other reasons as stated in the General Conditions of the Contract (GCC).</p>		

The Bidder may submit offer which provides for superior specifications and/or better terms and conditions to the government at no extra cost. However, these shall not be given any bonus, credit or premium in the bid evaluation.

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