



Republic of the Philippines  
Department of Health  
**SOUTHERN PHILIPPINES MEDICAL CENTER**  
J.P. Laurel Avenue, Davao City



## TECHNICAL SPECIFICATION

### **LEASE-TO-OWN NINE (9) BRAND NEW OPERATING ROOM LIGHTS**

(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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The bidder is required to complete its Statement of Compliance demonstrating how its items complied with the specification. Non- completion of Statement of Compliance for the item included in its bid shall be considered **non- responsive** for that item.

<i>Item</i>	<i>Procuring Entity's Specification</i>	<i>Bidder's Specification as Technical Offer</i>	<i>Statement of Compliance</i>
<b><u>LEASE-TO-OWN NINE (9) BRAND NEW OPERATING ROOM LIGHTS</u></b>	<b>PROCUREMENT OF NINE (9) BRAND NEW OPERATING ROOM LIGHTS</b>  Dual head LED configuration  <b>NINE (9) MAIN HEAD LIGHTS</b> Seven (7) regular main head lights Two (2) SD/HD camera ready head lights with automatic battery charger, remote control, wall control panel and arm for TFT video, with two (4) 32 inches LED screen Light intensity and 1 meter distance is not less than 160,000 lux Double selection color temperature of 4500 or 5000 Kelvin Color rendering index of not less than 95 Ra Number LED is not less than 70 Manual adjustment for Diameter and focus Light field diameter of not less than 20 – 42 centimeters Not less than 46 centimeters depth of illumination at 60% Not less than 115 centimeters depth of illumination at 20% Not less than 25-100% control of illuminance Not more than 399W/m2 total radiated energy at maximum illuminance level		

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<b><u>LEASE-TO-OWN NINE (9) BRAND NEW OPERATING ROOM LIGHTS</u></b> <i>(continuation)</i>	<p>Not less than 63 centimeters out reflector diameter Not less than 1.710 cm<sup>2</sup> useful lighting surface Not more than 0,001 W/m<sup>2</sup> radiated UV energy Not less than 50 hours average LED life Colour is RAL9003 or its equivalent Complies with the following standards: 2007/47/EC, IEC60601-2-41, Class I Weight of not more than 40-45 kilograms</p> <p><b>SATELLITE</b> Light intensity and 1 meter distance is not less than 130,000 lux Double selection color temperature of 4500 or 5000 Kelvin Color rendering index of not less than 95 Ra Number LED is not less than 30 Manual adjustment for Diameter and focus Light field diameter of not less than 18 – 22 centimeters Not less than 55 centimeters depth of illumination at 60% Not less than 108 centimeters depth of illumination at 20% Not less than 25-100% control of illuminance</p>		

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<b><u>LEASE-TO-OWN NINE (9) BRAND NEW OPERATING ROOM LIGHTS</u></b> <i>(continuation)</i>	<p>Not more than 263W/m2 total radiated energy at maximum illuminance level</p> <p>Not less than 40 centimeters out reflector diameter</p> <p>Not less than 712 cm2 useful lighting surface</p> <p>Not more than 0,001 W/m2 radiated UV energy</p> <p>Not less than 50 hours average LED life</p> <p>Colour is RAL9003 or its equivalent</p> <p>Complies with the following standards: 2007/47/EC, IEC60601-2-41, Class I</p> <p>Weight of not more than 30-35 kilograms</p> <p><b>Other terms &amp; conditions of acceptability:</b></p> <ol style="list-style-type: none"><li>1. The machine must be provided with Uninterrupted Power Supply compatible with the machine with power surge protection.</li><li>2. All machines must be manufactured by a known and reputable company with Certificate of Good Manufacturing Practice (GMP), TUV or ISO or its equivalent for equipment only.</li></ol>		

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<b><u>LEASE-TO-OWN NINE (9) BRAND NEW OPERATING ROOM LIGHTS</u></b> <i>(continuation)</i>	<p>3. Supplier must provide company response within 24- 48 hours should the existing equipment breaks down.</p> <p>4. The Supplier must provide the following:</p> <ul style="list-style-type: none"><li>a. Certificate of Calibration with computed values and validity period.</li><li>b. Three (3) copies of the Operating and Service Manuals in English.</li></ul> <p>5. Must either be the exclusive or authorized distributor of the principal company of the equipment and the necessary consumables in the Philippines.</p> <p>6. Supplier must guarantee the following:</p> <ul style="list-style-type: none"><li>a. To have a technical or maintenance personnel based in Davao City.</li><li>b. To provide 24 hours/day and 7 days/week service support for emergency calls.</li><li>c. To provide a substitute service engineer and/or specialist in cases where the assigned technical person is out of town.</li></ul>		

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<b><u>LEASE-TO-OWN NINE (9) BRAND NEW OPERATING ROOM LIGHTS</u></b> <i>(continuation)</i>	<p>8. The supplier must bind itself to service the equipment within the warranty period of two (2) years and shall:</p> <ul style="list-style-type: none"><li>a. Conduct monthly preventive maintenance at its own expense including labor and cost of spare parts.</li><li>b. Conduct Calibration every six (6) months within the warranty period.</li></ul> <p>9. Supplier's technical personnel shall train the designated operator(s) of the machine and biomedical technician onsite, until they can handle the equipment confidently with no additional cost to the Procuring Entity.</p> <p>10. In case of machine downtime during the warranty period, the supplier shall:</p> <ul style="list-style-type: none"><li>a. Do remedial action (repair and or replacement of spare parts) within 2 days.</li><li>b. On the 3rd day, if the machine is not operational, a penalty shall be imposed equivalent to the average daily income of the hospital derived from the affected machine.</li></ul>		

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<b><u>LEASE-TO-OWN NINE (9) BRAND NEW OPERATING ROOM LIGHTS</u></b> <i>(continuation)</i>	<p>11. Supplier must upgrade the provided equipment when warranted.</p> <p>12. Scheme of payment is LEASE-TO-OWN FOR 2 YEARS and payment will be divided into twenty four (24) equal monthly installments.</p> <p>13. Supplier will provide lead lined double panelled walls, doors and glasses for two (2) operating rooms for anti-radiation with a lead equivalent of 0,68mm (100kV). The supplier shall be responsible in planning and room preparation (civil and electrical works) including its repainting and finishing.</p>		

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<b><u>LEASE-TO-OWN NINE (9) BRAND NEW OPERATING ROOM LIGHTS</u></b> <i>(continuation)</i>	<p>14. 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.</p> <p>15. The Southern Philippines Medical Center has the right to terminate the contract for any violation in the terms and conditions stated in this technical specification and other reasons as stated in the GCC.</p>		

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