



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



## TECHNICAL SPECIFICATIONS

### **ONE (1) UNIT BRAND NEW DIGITAL DENTAL X-RAY MACHINE**

(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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<i>Item</i>	<i>Procuring Entity's Specification</i>	<i>Bidder's Specification as Technical Offer</i>	<i>Statement of Compliance</i>
<p><b><u>ONE (1) UNIT BRAND NEW DIGITAL DENTAL X-RAY MACHINE</u></b></p> <p><b><i>(Re-Bid)</i></b></p>	<p><b><u>PROCUREMENT OF ONE (1) UNIT BRAND NEW DIGITAL DENTAL X-RAY MACHINE</u></b></p> <ol style="list-style-type: none"> <li>1. Imaging Capability                             <ul style="list-style-type: none"> <li>○ Dental Cone Beam CT (CBCT) (with Auto-Pano) and Panoramic</li> <li>○ Can acquire and process panoramic examination in both 2D &amp; 3D imaging.</li> </ul> </li> <li>2. Sensor                             <ul style="list-style-type: none"> <li>○ CMOS Photodiode Array (PANO/CBCT)</li> <li>○ Pixel size (<math>\mu\text{m}</math>): 198 (4x4 binning)</li> <li>○ Grayscale Resolution: 14 bit</li> </ul> </li> <li>3. Generator                             <ul style="list-style-type: none"> <li>○ High frequency inverter type generator</li> <li>○ Tube Voltage: not less than 50 kv to 99 kV</li> <li>○ Tube Current: 4 - 16 mA</li> <li>○ Focal Spot: 0.5 mm x 0.5 mm (IEC60336)</li> </ul> </li> <li>4. Power supply voltage                             <ul style="list-style-type: none"> <li>○ 240 V AC</li> </ul> </li> <li>5. Frequency                             <ul style="list-style-type: none"> <li>○ 50/60 Hz</li> </ul> </li> <li>6. Scan Time                             <ul style="list-style-type: none"> <li>○ Pano: Standard HD 13.6 sec.</li> <li>○ CBCT Standard: 18.2 sec</li> </ul> </li> </ol>		

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