



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 MULTIPLE OPHTHALMIC DIAGNOSTIC UNITS WITH SOFTWARE INTERCONNECTIVITY**

(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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<p><b><u>SUPPLY, DELIVERY AND INSTALLATION OF ONE (1) LOT MULTIPLE OPHTHALMIC DIAGNOSTIC UNITS WITH SOFTWARE INTERCONNECTIVITY</u></b></p> <p><i>(continuation)</i></p>	<p>● <b><u>ONE (1) UNIT HD ULTRA-WIDEFIELD FUNDUS IMAGING WITH FLUORESCEIN ANGIOGRAPHY</u></b></p> <p><b>Imaging Modes:</b></p> <ol style="list-style-type: none"> <li>1. True Color (with Red, Green and Blue channel split)</li> <li>2. Fluorescein Angiography</li> <li>3. Autofluorescence-Green</li> <li>4. Autofluorescence-Blue</li> <li>5. Infrared reflectance</li> <li>6. External eye image (ocular surface)</li> <li>7. Stereo</li> </ol> <p><b>Field of View (measured from the center of the eye):</b></p> <ol style="list-style-type: none"> <li>1. Widefield (one image): at least 133°</li> <li>2. Ultra-widefield (two images): at least 200°</li> <li>3. Montage (up to six images): up to 267°</li> </ol> <p><b>Resolution:</b></p> <ol style="list-style-type: none"> <li>1. Optical: at least 7.3 µm or at least 36 megapixels</li> <li>2. Minimum Pupil Diameter: 2.5 mm</li> <li>3. Working Distance: 25 mm (patient's eye to front lens)</li> <li>4. Compensation for ametropia: - 24 D to + 20 D continuous</li> </ol>		

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<b><u>SUPPLY, DELIVERY AND INSTALLATION OF ONE (1) LOT MULTIPLE OPHTHALMIC DIAGNOSTIC UNITS WITH SOFTWARE INTERCONNECTIVITY</u></b> <i>(continuation)</i>	11. Specialty test library 12. Capable of Social Security Disability, monocular, binocular test mode 13. Capable of Esterman monocular, binocular, superior 36, 64 test mode 14. Capable of Kinetic testing 15. Capable of Custom Kinetic testing 16. Capable of Custom Static testing 17. Operator interface 18. Equipped with Touch-screen CRT with keyboard 19. Fixation Control 20. Equipped with blind spot monitoring 21. Equipped with Video eye monitor 22. Capable of Gaze tracking 23. Capable of Head tracking 24. Capable of Vertex monitoring 25. Stimulus 26. Capable of White-on-white stimulus 27. Capable of Red- or blue- on-white stimulus 28. Capable of Blue-on-yellow stimulus		

*Name and Signature of Authorized Representative*



## TECHNICAL SPECIFICATIONS

### SUPPLY, DELIVERY AND INSTALLATION OF ONE (1) LOT MULTIPLE OPHTHALMIC DIAGNOSTIC UNITS WITH SOFTWARE INTERCONNECTIVITY

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## TECHNICAL SPECIFICATIONS

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<b><u>SUPPLY, DELIVERY AND INSTALLATION OF ONE (1) LOT MULTIPLE OPHTHALMIC DIAGNOSTIC UNITS WITH SOFTWARE INTERCONNECTIVITY</u></b> <i>(continuation)</i>	<b>Other terms &amp; conditions of acceptability:</b>  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).  2. All machines must be manufactured by a known and reputable company compliant with ISO or its equivalent for equipment only.  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.  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: a. Reference standards b. National Institute of Standards and Technology traceability c. Reference values d. Validity period e. Uncertainty of measurement		

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## TECHNICAL SPECIFICATIONS

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## TECHNICAL SPECIFICATIONS

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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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