



# National Center for Mental Health

**LIST OF ITEMS FOR PUBLIC BIDDING CY2023  
SUPPLY, DELIVERY, INSTALLATION, COMMISSIONING AND TESTING OF FLOOR  
MOUNTED DIGITAL X-RAY MACHINE**

NO	ITEM CODE	ITEM DESCRIPTION	QTY	UNIT OF MEASURE	UNIT PRICE	TOTAL PRICE
1	DXR23-01	<b>FLOOR MOUNTED DIGITAL X-RAY MACHINE</b>	1	UNIT	11,000,000.00	11,000,000.00
		<p><b>High Voltage Generator</b></p> <ol style="list-style-type: none"> <li>Maximum Output Power: 30 kW or better</li> <li>Maximum Exposure Voltage: 120 kV or better</li> <li>Maximum mA: 400 mA or better</li> <li>Power requirements: 220V Three-Phase with Isolation transformer if necessary</li> </ol> <p><b>X-ray Tube Assembly</b></p> <ol style="list-style-type: none"> <li>Dual Focal Spot</li> <li>Rotating Anode</li> </ol> <p><b>Floor Mounted Tube Stand with Patient Table</b></p> <ol style="list-style-type: none"> <li>Four-way table</li> </ol> <p><b>Digital Detector</b></p> <ol style="list-style-type: none"> <li>Detector type: Amorphous Silicon TFT / Cesium Iodide scintillator (CsI)</li> <li>Auto detect location of detector</li> <li>Detector Size: 14 x 17 inches</li> <li>Connection: Wireless with 2 extra battery</li> <li>Image Acquisition time: at least 3 sec.</li> <li>Dust and water resistant</li> </ol> <p><b>Vertical Bucky Stand</b></p> <ol style="list-style-type: none"> <li>Grid compatible to the detector</li> <li>Auto sync/tracking feature between tube and vertical bucky</li> </ol> <p><b>Patient Table</b></p> <ol style="list-style-type: none"> <li>6 way floating table</li> <li>Auto tracking: Longitudinal tracking of detector with</li> </ol>				

*"There is no Health without Mental Health"*



		<p>longitudinal travel and rotation of tube.</p> <p><b>Clinical Applications</b>  18. With DAP meter for patient radiation exposure</p> <p><b>Data transfer</b>  19. DICOM 3.0 compliant  20. Support digital data transfer via a DICOM network for both printing &amp; storage.  21. Shall be capable of sending DICOM images to our PACS/RIS server  22. The system shall have a Open Modality Worklist Function to be connected to our existing PAC/RIS.</p> <p><b>Standard Accessories</b>  23. Three (3) Full body Lead apron  24. Two (2) thyroid shields  25. One (1) upright gonad shield  26. One (1) upright gonad shield  27. Two (2) movable lead barriers  28. QA Phantom <ul style="list-style-type: none"> <li>a. Collimation and beam alignment test</li> <li>b. Spatial Resolution test</li> <li>c. Contrast Resolution test</li> <li>d. Uniformity test</li> </ul> </p> <p><b>Inclusions</b>  29. Four (4) workstations with at least; <ul style="list-style-type: none"> <li>a) Processor: at least Intel Core i7 (11<sup>th</sup> gen)</li> <li>b) Memory: 8 GB RAM</li> <li>c) Hard Disk: 1 TB HDD</li> <li>d) Operating System: Windows 10 OS and license Microsoft Office</li> <li>e) Video cards compatible to the existing PACS/RIS.</li> </ul> 30. Each workstation will be supplied with keyboard, mouse, Dual</p>				
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		<p>monitor (24" and 17 ") LED HD monitors, UPS and AVR</p> <p>31. 3 pieces 4-Seater Gang Chair</p> <p>32. 4 units of air purifier with H13 filter for a 40 sqm room</p> <p>33. 10 extra H13 filters</p> <p>34. One (1) UV sterilizer for a 40 sqm room</p> <p>35. One (1) All-in-one Heavy-duty printer with 10 extra inks</p> <p>36. One (1) 3 tonner tower type Aircon (inverter type)</p> <p>37. Two (2) window type inverter Aircon (2.5 HP)</p> <p>38. Lead glass (14x14)</p> <p>39. Lead Shielding to the examination room if needed</p> <p>40. AVR for Digital Xray machine</p> <p>41. One (1) Mobile X-ray table with bucky</p> <p>42. One (1) Mobile Cassette Holder (14 x 17)</p> <p>43. With civil and electrical works needed for the X-ray examination room</p> <p><b>Warranty</b></p> <p>44. With three (3) years warranty for parts and services with free quarterly preventive maintenance after end user acceptance. Warranty shall commence upon the acceptance of the end user. The winning bidder shall issue a certificate reflecting the duration of warranty period.</p> <p>45. Bidder's certificate guaranteeing the availability on the supply of spare parts ten (10) years from end of production. A certification must be issued by the manufacturer for the bidder.</p> <p>46. With quarterly preventive maintenance and calibration</p> <p>47. Certification in case that the equipment will be for repair or maintenance within the warranty period, it should be done on-site.</p>			
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**Standard Requirements**

- 48. The supplier shall secure a certificate from the manufacturer stating that the equipment is brand new, unused and not a discontinued model or was listed in the market recall. The certificate reflect the brand, model, serial number of the machine, and the date and place it was manufactured.
- 49. System must not be a retrofit solution
- 50. The bidder must provide the current and valid certificate of Manufacturer's compliance with ISO 13485.
- 51. Delivery of equipment and all accessories within 90 calendar days upon receipt of Notice to Proceed (NTP).
- 52. The machine should have a US FDA Approval or CE Mark Approval. The bidder shall provide the manufacturer's approved US FDA Premarket Notification (PMN) or 510(k) certificate or CE Mark Approval certificate.
- 53. Certification that the supplier has the capability for corrective and preventive maintenance of the unit. The certificate must be issued by the manufacturer for the bidder.
- 54. Certification from the manufacturer authenticated by the Philippine consulate from the country of origin of the unit that the warranty should not be affected with a change of distributor.
- 55. Certification that the brand and model must be in the local market for a minimum of Five (5) years with at least 5 similar installations in tertiary

		<p>government (at least 3 must be DOH hospitals).</p> <p>56. Certification that the bidder is existing in the local market for a minimum of ten (10) years.</p> <p>57. Certification from the supplier will be responsible for the notification, transportation, delivery, installation, acceptance testing and commissioning and expenses for such will be on the account of the supplier.</p> <p>58. Must pass the performance/acceptance testing conducted by the FDA prior to acceptance by the end user</p> <p>59. Certification that the supplier/bidder shall provide applications training for users and maintenance personnel of the hospital.</p> <p>60. On-house training with certificate for the End-User Familiarization of the operating procedures of the equipment</p> <p>61. Certification to provide user's Manuals:</p> <ul style="list-style-type: none"> <li>a) Two (2) sets of Service Manual in English Language upon delivery of the equipment</li> <li>b) Two (2) sets of User Manual in English Language upon delivery of the equipment</li> </ul> <p>62. Certification that the suppliers/bidder shall provide free installation (includes electrical) of the equipment and its inclusions if needed.</p> <p>63. Current and Valid Certificate of Authorized or Exclusive Distributorship</p> <p>64. The manufacturer must have a local office and service center in the Philippines for at least 5 years. Provide a certification from manufacturer.</p> <p>65. A certification of good performance from at least three</p>				
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		(3) tertiary hospital stating the name of facility, address, type of equipment and its model, and the date of delivery must be provided.				
				<b>TOTAL</b>	<b>PHP 11,000,000.00</b>	

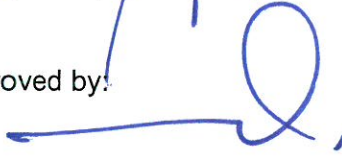
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Recommending Approval:

  
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