REPUBLIC OF THE PHILIPPINES
Department of Health
NATIONAL CENTER FOR MENTAL HEALTH
Nueve de Febrero Street, Mandaluyong City, Philippines
BIDS AND AWARDS COMMITTEE
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SECTION VII
TECHNICAL SPECIFICATIONS

ITB No. 019-2023

INSTRUCTION: Bidders must state here 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" or "Not 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).

ITEM	SPECIFICATION	STATEMENT OF COMPLIANCE
DXM23-01	**FLOOR MOUNTED DIGITAL X-RAY MACHINE**	
	HIGH VOLTAGE GENERATOR	
	1. Maximum Output Power: 30 kW or better	
	2. Maximum Exposure Voltage: 120 kV or better	
	3. Maximum mA: 400 mA or better	
	4. Power requirements: 220V Three-Phase with Isolation transformer if necessary	
	X-RAY TUBE ASSEMBLY	
	5. Dual Focal Spot	
	6. Rotating Anode	
	FLOOR MOUNTED TUBE STAND WITH PATIENT TABLE	
	7. Four-way table	
	DIGITAL DETECTOR	
	8. Detector type: Amorphous Silicon TFT / Cesium Iodide scintillator (CsI)	
	9. Auto detect location of detector	
	10. Detector Size: 14 x 17 inches	
	11. Connection: Wireless with 2 extra battery	
	12. Image Acquisition time: at least 3 sec.	

	13. Dust and water resistant	
	VERTICAL BUCKY STAND	
	14. Grid compatible to the detector	
	15. Auto sync/tracking feature between tube and vertical bucky	
	PATIENT TABLE	
	16. 6 way floating table	
	17. Auto tracking: Longitudinal tracking of detector with longitudinal travel and rotation of tube.	
	CLINICAL APPLICATIONS	
	18. With DAP meter for patient radiation exposure	
	DATA TRANSFER	
	19. DICOM 3.0 compliant	
	20. Support digital data transfer via a DICOM network for both printing & storage.	
	21. Shall be capable of sending DICOM images to our PACS/RIS server	
	22. The system shall have an Open Modality Worklist Function to be connected to our existing PAC/RIS	
	STANDARD ACCESSORIES	
	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	
	a. Collimation and beam alignment test	
	b. Spatial Resolution test	
	c. Contrast Resolution test	
	d. Uniformity test	
	INCLUSIONS	
	29. Four (4) workstations with at least;	
	a) Processor: at least Intel Core i7 (11th gen)	
	b) Memory: 8 GB RAM	
	c) Hard Disk: 1 TB HDD	
	d) Operating System: Windows 10 OS and license Microsoft Office	

	e) Video cards compatible to the existing PACS/RIS.	
	30. Each workstation will be supplied with keyboard, mouse, Dual monitor (24" and 17 ") LED HD monitors, UPS and AVR	
	31. 3 pieces 4-Seater Gang Chair	
	32. 4 units of air purifier with H13 filter for a 40 sqm room	
	33. 10 extra H13 filters	
	34. One (1) UV sterilizer for a 40 sqm room	
	35. One (1) All-in-one Heavy duty printer with 10 extra inks	
	36. One (1) 3 tonner tower type Aircon (inverter type)	
	37. Two (2) window type inverter Aircon (2.5 HP)	
	38. Lead glass (14x14)	
	39. Lead Shielding to the examination room if needed	
	40. AVR for Digital Xray machine	
	41. One (1) Mobile X-ray table with bucky	
	42. One (1) Mobile Cassette Holder (14 x 17)	
	43. With civil and electrical works needed for the X-ray examination room	
	WARRANTY	
	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.	
	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.	
	46. With quarterly preventive maintenance and calibration	
	47. Certification in case that the equipment will be for repair or maintenance within the warranty period, it should be done on-site.	
	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. The bidder must provide the current and valid certificate of Manufacturer's compliance with ISO 13485.	
	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 government facilities (at least three must be DOH hospitals).	
	56. Certification that the bidder is existing in the local market for a minimum of ten (10) years.	
	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.	
	58. Must pass the performance/acceptance testing conducted by the FDA prior to acceptance by the end user	
	59. Certification that the supplier/bidder shall provide applications training for users and maintenance personnel of the hospital.	
	60. On-house training with certificate for the End-User Familiarization of the operating procedures of the equipment	
	61. Certification to provide user's Manuals:	
	a. Two (2) sets of Service Manual in English Language upon delivery of the equipment	
	b. Two (2) sets of User Manual in English Language upon delivery of the equipment	
	62. Certification that the suppliers/bidder shall provide free installation (includes electrical) of the equipment and its inclusions if needed.	
	63. Current and Valid Certificate of Authorized or Exclusive Distributorship	
	64. The manufacturer must have a local office and service center in the Philippines for at least 5 years. Provide a certification from manufacturer	
	65. A certification of good performance from at least three (3) tertiary hospital stating the name of facility, address, type of equipment and its model, and the date of delivery must be provided.	

Conformed by:

_____

Authorized Representative's
Signature over printed name

Date: _____