



WEST VISAYAS STATE UNIVERSITY MEDICAL CENTER

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SUPPLEMENTAL/BID BULLETIN

Project Reference No. IB No. 22-51
Name of the Project Delivery and Installation of One Unit Brand New X-Ray Machine Package with Flat Panel Detector System with Real Time Viewing Stations
Location of the Project WVSU Medical Center

ADDENDUM NO. 01 - 2022

November 11, 2022

This Addendum No. 01 is issued to modify or amend items in the Bidding Documents. Attached are the revised Section VII. Technical Specifications (pages 18-22). These shall form an integral part of the Bidding Documents.

A. Delivery Period

Table with 2 columns: As Indicated in the Bidding Documents, Corrections/Modifications/Amendments. Row 1: Delivery of the Goods is required by Sixty (60) Calendar Days vs Delivery of the Goods is required by Ninety (90) Calendar Days.

B. Section VII. Technical Specifications

Table with 5 columns: Item No., Item Description, Qty, Unit, Corrections/Modifications/Amendments. Row 1: Delivery and Installation of One Unit Brand New X-ray Machine Package with Flat Panel Detector System with Real Time Viewing Stations. Row 2: DR Flat Panel Detector. Row 3: f. The image resolution must be at least 2835 x 2335 pixels vs f. The image resolution must be at least 2835 x 2335 pixels or higher. Row 4: h. The weight must be less than 1.8 kilogram excluding batteries vs h. The weight of the detector must be ranging from 1.2 to 1.8 kilogram excluding batteries. It must be slim and sturdy type.

For guidance and information of all concerned.

MARY EUGENE C. ORILLO
Chairperson
Bids and Awards Committee

Handwritten signature of Mary Eugene C. Orillo

Received by the Bidder:

Printed Name & Signature

Name of Bidder/Company

Date:

Section VII. Technical Specifications

IB No. UMC 22-51 Delivery and Installation of One Unit Brand New X-Ray Machine Package with Flat Panel Detector System with Real Time Viewing Stations

Revised as indicated in the Bid Bulletin

Item No.	Specification	Statement of Compliance				
		<p>[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 Bidder's 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 applicable laws and issuances.]</p>				
		Qty	Unit	Brand	Model	Statement of Compliance
1	Delivery and Installation of One Unit Brand New X-ray Machine Package with Flat Panel Detector System with Real Time Viewing Stations	1	Unit			
	Technical Specifications					
	The x-ray machine must be a ceiling mounted type with manual mechanical linkage between the tube stand and the table cassette tray with auto centering detection for the central ray					
	Tube					
	1. The minimum tube voltage must be at least 40 kVp					
	2. The maximum tube voltage must be at least 150 kVp					
	3. The minimum tube current must at least 10 mA and the maximum must be at least 500 mA					
	4. Must have a dual focal spot, the small focal spot must not be higher than 0.6 mm. and the large focal spot be not be higher than 1.2mm					
	5. The anode heat unit must be of at least 200 KHU					
	6. The target angle must be at least 12 degrees					
	Generator and Integrated Power Supply					
	• The generator must be high frequency of 40Hz/60 Hz					
	• Must be three (3) phase, 240 volts or 380-480 volts with complete incidental accessories from the main source to the unit such as the step up or step down transformer (AVR or A1 panel and transformer) in reference to the existing voltage and electrical grounding of the hospital					
	Control Console					
	• The control console must contain a programmable type technique parameter display button					
	• The automatic protocol recognition must be at least 1,275 programs including Bucky and EAC selection					
	• Must have exposure parameter display for kVp, mA, time, error display and patient size selection for easy selection of exposure factor					
	Patient Couch/ Table					
	a. Can carry at least 300 kg body weight of patient during movement of couch					
	b. The longitudinal movement must be at least 1000mm					
	c. The vertical movement must be at least 285mm					
	d. Lateral movement between 250mm-265mm					
	e. Tube focus to ground must be ranging from 480mm-1820mm					
	f. Must have a cassette tray holder, motorized tracking version and automatic flat panel detector with oscillating removable grid					

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		Qty	Unit	Brand	Model	Statement of Compliance
	Vertical Wall Cassette Holder					
	1. Must have a cassette tray holder for upright position					
	2. Must have a mechanical lock for vertical movement					
	3. Must have an oscillating removable grid					
	4. The vertical movement must be 410mm - 450mm (lower ground reference) and 1800mm-1870mm (upper ground reference)					
	5. With automatic connection with flat panel detector					
	DR Flat Panel Detector					
	a. The edge must be tapered and rounded for smooth insertion and retrieving to patient during examination					
	b. Must be wireless indirect GOS scintillator					
	c. The cassette type must be flexible made of TFT detector for durability and lower the risk of shock damage during handling					
	d. The back portion of the detector must have a LED indicator to determine the status of the battery					
	e. The image preview must be less than 2 seconds					
	f. The image resolution must be at least 2835 x 2335 pixels or higher					
	g. The flat panel must have a storage memory capable of storing at least 100 images					
	h. The weight of the detector must be ranging from 1.2 to 1.8 kilogram excluding batteries. It must be slim and sturdy type					
	i. The battery of the detector must be chargeable; include in the package at least 2 units of extra battery and the docking stand					
	j. The standby time must be at least 3 hours if with battery charger, and at least 3.5 hours if within the docking stand					
	k. Standby battery for sleep mode must be at least 6.5 hours and 19.5 hours if on deep sleep					
	l. Must be waterproof type and dust resistance					
	m. Must have an anti-bacterial coating (99.98 percent effective against bacteria) to protect against penetration from body fluids and other infectious diseases from the patient					
	n. The unit must be Dicom 3.0 compatible and with license software for RIS					
	Control Unit Acquisition					
	Work Station for Radiologic Technologist					
	1. 1 unit monitor of at least 17 inches size, CPU must be a multi graphic type with memory of at least 4 GB HDD, must have a DVD and RW drive for saving and transfer of images					
	2. The image storage capacity must be at least 4000 images					

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		Qty	Unit	Brand	Model	Statement of Compliance
	3. The image software must include the clinical reporting, create, edit, view, image processing masking, grid detection, manual, paste and auto stitching software					
	4. The processing must be automatic with window width and ROI adjustment, patient information registry and work list HIS/RIS compatible to PACS					
	5. Must be DICOM 3.0 support compatible					
	6. Must have a dedicated UPS compatible with the computer					
	7. 1 unit laptop computer for storage and transfer of files with at least 14 inches ultra slim touch screen monitor, 11th generation Intel core i7-processor 3.0 with memory of 16 GB DDR4 RAM and storage of 1 TB, windows 11 home, included accessories such as mouse and printer with scanner (continuous tank type ink)					
	Work Station for Radiologist					
	a. 1 unit medical grade; 2MP or higher of at least 20 inches size monitor, processor must be an Intel-core I7 or higher version with memory of 16 GB and a hard drive of at least 1 terabyte					
	b. Must have an automatic archived (save, transfer and view)					
	c. The image software must include the clinical reporting, create, edit, view, image processing masking, grid detection, manual, paste and auto stitching software					
	d. The processing must be automatic with window width and ROI adjustment, patient information registry and work list HIS/RIS compatible to PACS					
	e. Must be DICOM 3.0 support compatible					
	Viewing Monitors for Attending Physicians					
	1. 2 units of viewing monitors (capable of doing real time viewing of images) to be stationed in the Emergency Room and Medical Ward (or any area as determined by the end user)					
	2. The viewing monitors must be at least 17 inches size, CPU must be at least multigraphic processor with memory of at least 8GB HDD, must have a DVD and RW drive for saving and transfer of images					
	3. The image storage capacity must be at least 1 terabyte					
	4. Capable of image reconstruction with a speed of at least 10 lp/cm					
	5. Must be DICOM 3.0 support compatible for viewing of radiological images and must provide a real time images					
	Software Capabilities					
	• Must be capable of doing remote/ online servicing for updates of software and support/ maintenance services					
	• Dicom 3.0 compatible with license software for RIS and mini -PACS					

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		Qty	Unit	Brand	Model	Statement of Compliance
	Vendors Accessories					
	<ul style="list-style-type: none"> • Personal monitoring equipment with at least 0.25 mm lead thickness of the following: 					
	1. 1 pc of lead rubber gown					
	2. 1 pc of thyroid shield					
	3. 1 pc of gonadal shield					
	4. 1 pair of lead gloves					
	5. 1 pc lead eye goggles					
	Training Requirements					
	<ul style="list-style-type: none"> • Certificate of guarantee that the bidders shall provide a local application trainings for all the radiologic technologist, radiologist and other support maintenance personnel for 1 week after the installation 					
	Other Terms and Conditions					
	1. Certificate of guarantee for a 2 years full comprehensive warranty, excluded are the 3rd party vendor items, consumables and accessories					
	2. Certificate of guarantee for another 2 years semi- annual planned maintenance and calibration (service only) after warranty period					
	3. Certificate of guarantee that the manufacturer has been in the local or international market for at least 10 years					
	4. Certificate of guarantee that the principal or the bidder must have an installation of at least one (1) x-ray machine of the same model in a government or private facility (attached documents as proof)					
	5. Certificate of guarantee that the bidder will assist in the application/ processing of the LTO of the machine to the government regulatory agency					
	6. Certificate of guarantee of 95% up time for the equipment offered					
	7. Certificate from the principal/ manufacturer to honor the terms and conditions stated in the contract even in the event that a change of dealership will occur during the duration of the said contract					
	8. Certificate of guarantee that the equipment is brand new, unused and not a discontinued model or was in the product recall					
	9. Certificate of guarantee for the availability of spare part for the next 10 years after					
	10. Certificate of guarantee that the supplier shall be responsible for the delivery, installation, network infrastructure to connect the installed machines if the hospital has an existing PACS					

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		Qty	Unit	Brand	Model	Statement of Compliance
	Regulatory Standards					
	• ISO 9001- 2015: Quality Management System or its equivalent					
	• ISO 14001: International Environmental Management System or its equivalent					
	• ISO 13485: Quality Management System for Medical Devices					
	• CE Mark or its equivalent					
	----- Nothing Follows -----					

Name of Bidder: _____

Submitted by: _____
(Printed Name and Signature)

Designation: _____

Date: _____