

Section II - Schedule of Requirements

RFQ reference no:RFQ/2025/55563

Bidders are required to complete the **Comparative Data Tables** included in Section II: Schedule of Requirements to demonstrate compliance with UNOPS requirements and inserted below. Bidders are NOT allowed to make any change in the “UNOPS requirements” columns of the Comparative Data Tables. Such changes might disqualify your quotation.

Technical specifications for goods – Comparative Data Table

Specify Brand Offered: _____

Item No	UNOPS minimum technical requirements	Quantity
1.	Mobile Digital X-Ray System As per the below Specifications and requirements	1
Functional and Technical Specifications:		
	● Advanced digital motorized mobile radiographic system	
	● AI-driven image processing and clinical decision support	
	● Rugged and maneuverable	
	● Collapsible column	
	● Patient Barcode reader, Cordless Hand switch	
	● Please state system dimensions	
	● RFID Badge reader,	
Generator & X-Ray tube		
	● Power Output: 30kW at least	
	● Tube Current: 300 mA	
	● kVp controls: 50 – 125 ±1 kVp increments	
	● mAs controls: 0.2 – 630 mAs	
	● Frequency: >100 kHz	
	● Focal Spot: 0.6mm/ 1.2 mm	

	<ul style="list-style-type: none"> • Anode rotation speed: 3200 rpm
	<ul style="list-style-type: none"> • X-ray tube current: Large focus 500mA, Small focus 200mA
	<ul style="list-style-type: none"> • Tube Voltage Nominal: 40-150 kV
	<ul style="list-style-type: none"> • Anode heat units: 140 kHU maximum
	<ul style="list-style-type: none"> • Column rotation: $\pm 270^\circ$
	<ul style="list-style-type: none"> • Focal spot range from 62.5 cm to 200 cm
	<ul style="list-style-type: none"> • Tube overload protection
Wireless Flat Panel Detector	
	<ul style="list-style-type: none"> • Detector type: Amorphous silicon with a Cesium Iodide (CSI) scintillator, single panel
	<ul style="list-style-type: none"> • One detector (Neonate)
	<ul style="list-style-type: none"> • Active matrix: 2.5k x 3k pixels
	<ul style="list-style-type: none"> • Weight of detector: less than 1.8kg
	<ul style="list-style-type: none"> • Lithium ion battery with battery status indicator on the detector
	<ul style="list-style-type: none"> • Number of batteries: 2
	<ul style="list-style-type: none"> • Battery operating time: 2 hours or more
	<ul style="list-style-type: none"> • Please state battery charging time, number of exposures per battery charge
	<ul style="list-style-type: none"> • Pixel size: 100 μm
	<ul style="list-style-type: none"> • Limiting resolution: 5 lp/mm
	<ul style="list-style-type: none"> • Wireless interface: 802.11n, 5 Ghz
	<ul style="list-style-type: none"> • Ethernet interface: 1000 Mbps
	<ul style="list-style-type: none"> • Wired connection
Workstation	
	<ul style="list-style-type: none"> • Computer based acquisition workstation with fully digital control panel
	<ul style="list-style-type: none"> • Integrated flat panel monitor screen size: 19-21-inch capacitive touch screen
	<ul style="list-style-type: none"> • Patient orientation feature to match detector position image display and DICOM header

	<ul style="list-style-type: none"> Multiple set of predefined and customizable image processing parameters for each anatomy, view, and patient size combination
	<ul style="list-style-type: none"> Multi-resolution processing for image enhancement
	<ul style="list-style-type: none"> Advanced Noise Reduction that reduces image noise while preserving detail
	<ul style="list-style-type: none"> EMI reduction algorithm to reduce potential artefacts
	<ul style="list-style-type: none"> Tissue equalization algorithm
	<ul style="list-style-type: none"> Smart Windowing algorithm
	<ul style="list-style-type: none"> Intelligent Collimation Edge Detection
	<ul style="list-style-type: none"> Image storage capacity >5,000 uncompressed images
	<ul style="list-style-type: none"> Image processing time: less than 3 seconds
	<ul style="list-style-type: none"> Please state boot time
	<ul style="list-style-type: none"> Dose area product meter included
Collimator	
	<ul style="list-style-type: none"> Consists of 2 sets of blades controlled via lateral and longitudinal knobs
	<ul style="list-style-type: none"> Light Field: LED lamp, automatic shut-off, configurable from 0 to 90 secs
	<ul style="list-style-type: none"> Brightness: 180 lux with DAP meter
	<ul style="list-style-type: none"> Collimator rotation: $\pm 180^\circ$ with detents at -180°, -90°, 0°, $+90^\circ$, and $+180^\circ$
Network	
	<ul style="list-style-type: none"> Fully DICOM 3.0 compatible with all standard DICOM specifications, with interface to hospital RIS/PACS network/system
	<ul style="list-style-type: none"> CD/DVD -ROM, USB port
Drive	
	<ul style="list-style-type: none"> Battery operated, self-propelled
	<ul style="list-style-type: none"> Battery type: Lead acid
	<ul style="list-style-type: none"> Charging time: 4.5 hours or less to go from 0% to 100%
	<ul style="list-style-type: none"> Power input: 100-240 V, 50/60 Hz
Accessories	

	<ul style="list-style-type: none"> • Light weight apron for adults. Size: Large
General	
	<ul style="list-style-type: none"> • VCE and FDA approved
	<ul style="list-style-type: none"> • Complete with all accessories and consumables needed to work completely as specified.
	<ul style="list-style-type: none"> • Country of origin should be clear in the offer.
	<ul style="list-style-type: none"> • Onsite application training for user
	<ul style="list-style-type: none"> • 3 years warranty from successful installation and operation
	<ul style="list-style-type: none"> • Commitment from the manufacturer for the availability of spare parts for 10 years from equipment purchase date
	<ul style="list-style-type: none"> • Service training for one engineer at the manufacturer's premises
	<ul style="list-style-type: none"> • Soft copy & Hard copy of Service and operator Manuals included
	<ul style="list-style-type: none"> • A valid Manufacturer Authorization Letter is included
	<ul style="list-style-type: none"> • A commitment to conduct Preventive Maintenance during the warranty period as per the manufacturer recommendations
	<ul style="list-style-type: none"> • References on same model offered

Delivery requirements — Comparative Data Table

UNOPS Requirements	
Delivery time	Bidder shall deliver the goods within 3 - 4 months after Contract signature.
Delivery place and Incoterms rules	Red Crescent Society Hospital -PRCS in in Jerusalem
Consignee details	Red Crescent Society Hospital -PRCS in Jerusalem
Export/Import licenses	The supplier is responsible for obtaining at its own risk and expenses any export/import licenses or other official authorization and carry out all customs formalities necessary for the export/import of the goods. Bidders shall explain their approach. UNOPS will be only responsible for obtaining the approvals on tax exemption from the relevant authorities.
Import Requirement	Supplier shall not deliver the products before receiving written instructions from UNOPS, and No Shipment is allowed before proper approval of tax exemption documents from relevant authorities.
UNOPS Right to vary requirements	At the time the Contract is awarded, UNOPS reserves the right to vary the quantity of the goods and associated services specified above, provided this does not exceed +/- 100% , without any change in the unit prices or other terms and conditions of the RFQ.

Inspections and tests

The following inspections and tests shall be performed:

UNOPS or its representative shall inspect and/or test, at any time, any or all items of the goods to confirm their conformity to the specifications, rejected if found not in compliance with the requested specifications.

If the goods fail to meet the laid down specifications, the supplier shall take immediate steps to remedy the deficiency or replace the defective goods to the satisfaction of the purchaser.