

REFERENCE OF TENDER	DESCRIPTION OF TENDER	TIME PERIOD OF TENDER	DEPARTMENT/DIVISION/UNIT REQUESTING TENDER	FEES	CLOSING DATE NOT LATER THAN 2.00PM	FOCAL PERSON
KK/240/2024/HTD	PROVISION OF DIGITAL RADIOGRAPHY SYSTEM FOR RADIOLOGY DEPARTMENT, SURI SERI BEGAWAN HOSPITAL, KUALA BELAIT	-	DEPARTMENT OF HEALTHCARE TECHNOLOGY	\$100.00	26 TH NOV 2024	<p>Nur Atiqah binti Haji Abd Latip Senior Biomedical Engineer e-mail: nuratiqah.abdlatip@moh.gov.bn Muhd Amirul Fazleen bin Haji Khalidin Biomedical Engineer email: fazleen.khalidin@moh.gov.bn Department of Healthcare Technology Ministry of Health Negara Brunei Darussalam</p>

NOMBOR TAWARAN: KK/240/2024/HTD

**KEMENTERIAN KESIHATAN
NEGARA BRUNEI DARUSSALAM**

**PROVISION OF DIGITAL RADIOGRAPHY SYSTEM FOR RADIOLOGY
DEPARTMENT, SURI SERI BEGAWAN HOSPITAL, KUALA BELAIT**

YURAN TAWARAN: \$100.00

NOMBOR RESIT :

TARIKH TUTUP : HARI SELASA, 26HB NOVEMBER 2024

JAM : 2.00 PETANG

KEPADA :

**PENGERUSI LEMBAGA TAWARAN KECIL
PETI TAWARAN, TINGKAT BAWAH
BANGUNAN KEMENTERIAN KESIHATAN
COMMONWEALTH DRIVE
BANDAR SERI BEGAWAN BB 3910
NEGARA BRUNEI DARUSSALAM**

(CLUSTERING)

SECTION 2

GOVERNMENT REQUIREMENTS

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SECTION 2

GOVERNMENT REQUIREMENTS

1. INTRODUCTION

1.1 Products and Services Sought

- 1.1.1 The Government intends to lease Digital Radiography System for the Radiology Department, Ministry of Health. It is expected that the lease will include comprehensive maintenance services of the Equipment and for a duration of seven (7) years.
- 1.1.2 Tenderers are hereby invited for PROVISION OF DIGITAL RADIOGRAPHY SYSTEM FOR RADIOLOGY DEPARTMENT, SURI SERI BEGAWAN HOSPITAL, KUALA BELAIT

2. STATEMENT OF REQUIREMENT

2.1 PROVISION OF DIGITAL RADIOGRAPHY SYSTEM FOR RADIOLOGY DEPARTMENT, SURI SERI BEGAWAN HOSPITAL, KUALA BELAIT

- 2.1.1. Tenderers shall propose a newly manufactured Digital Radiography System
- 2.1.2 The required specification for the Digital Radiography System stated in Clause 2.1.1 are specified in **Annex 2.1**.
- 2.1.3. The Tenderer shall also provide related accessories and consumables necessary for the daily operation for the proposed Digital Radiography System.

Pre-Delivery

- 2.1.3.1 The Tenderer shall dismantle and remove all existing equipment in the desired location and shall place it at a location of the Customer's choosing.
- 2.1.3.2 The Tenderer shall within FOURTEEN (14) days of the official request of the Customer make necessary changes to the site to facilitate environmental and operational conditions necessary for the efficient working and maintenance of the system e.g. Lead Shielding

Delivery, Installation and Configuration

- 2.1.3.3. The Tenderer shall observe the following requirements during delivery and installation:
 - 2.1.3.3.1. All ordinances or regulations enforced in Brunei Darussalam shall be followed.
 - 2.1.3.3.2. Appropriate measures shall be taken to protect the installation site as well as the immediate surroundings and any existing facilities from damage caused by preparation and installation works.

2.1.3.4. Upon delivery of the equipment to the Customer's location, the Tenderer together with the Customer shall ensure:

2.1.3.4.1 The equipment is in good physical condition without defects.

2.1.3.4.2 The equipment conforms with the stated Tender Specifications as specified in **Annex 2.1**

2.1.3.4.3. All the required accessories and consumables are supplied

2.1.3.5. The Tenderer shall then perform equipment and software installation and necessary hardware and software configurations including but not limited to:

2.1.3.5.1. Installation of all software and drivers that comes with the equipment.

2.1.3.5.2. Installation and configuration of software and drivers for the equipment into existing computers, if required by the Customer.

2.1.3.5.3. Configuration of network settings for the equipment, if required by the Customer.

2.1.3.6 The Contractor shall liaise and coordinate with the Customer to ensure the provision for any necessary network connectivity and configuration requirements.

Acceptance and Commissioning

2.1.3.7. The Acceptance Testing shall consist of Installation Tests including but not limited to;

2.1.3.7.1. Perform Quality Assurance test(s) and recalibrate the equipment if it fails the test

2.1.3.7.2. Perform Radiation Leakage test

2.1.3.8. Copies of test results obtained in 2.1.3.7.1 and 2.1.3.7.2 should then be provided to the Customer as well as Government Technical Staff for Quality Assurance Purposes

2.1.3.9. The contractor shall submit all test reports to the Customer for verification.

2.1.3.10. The equipment shall be commissioned for use upon signing of the acceptance report by the Customer

Support and Comprehensive Maintenance

2.1.3.11. The Contractor shall provide support and maintenance for the equipment including its accessories throughout the lease period starting from the date of acceptance of the equipment.

2.1.3.12. The Contractor shall comply with the service levels required by the Government as stated in Clause 3.

2.1.3.13. Corrective Maintenance shall be performed without delay in accordance to the service levels stated in Clause 3

2.1.3.14 The Contractor shall repair/ replace any parts of the equipment with no additional cost to the Government.

2.1.3.15 If the equipment is found to be:

2.1.3.15.1. Defective in design, materials or workmanship

2.1.3.15.2. Fails to function properly or fails to meet any performance requirements

Unless it can be shown that it is caused by improper use or mishandling on the part of the Customer, the Contractor shall, at their own expense (including parts, labor, transportation and incidental costs) upon notification by the Customer shall completely repair/replace the equipment

2.1.3.16. The Contractor shall perform preventive maintenance twice a year according to manufacturer's recommendation and perform quality assurance test(s) on each preventive maintenance with no additional cost to the government.

2.1.3.17 The Contractor shall document all preventive and maintenance works as well as all necessary tests and provide a copy for the Government for record keeping.

2.1.3.18 The Contractor shall ensure the software and system are updated from time to time without no additional cost to the Government

2.1.3.19 Any Field Safety Corrective Actions issued/ordered by the Original Equipment Manufacturer regardless of its severity shall be undertaken after the Customer, Government Technical Staff, and the Local Regulatory Authority have been alerted and informed. Copies of the Field Safety Corrective Action must be given to the aforementioned.

2.2 Master Contract

2.2.1. The Contractor shall enter into a Master Contract with the Government (See Section 4).

2.2.2 The Master Contract shall be during the lease period. All prices quoted shall remain fixed for the whole duration of the Master Contract period.

2.3 Damages or loss of leased equipment

2.3.1. The Customer shall be responsible to ensure that the leased equipment and its accessories are in good condition.

2.3.2. Damages to the equipment due to floods or fire shall be replaced by the Contractor at no additional cost upon receiving a written notification from the Customer.

2.3.3. Loss of equipment and its accessories due to thefts shall be replaced by the Contractor at no additional cost, upon receiving a written notification from the Customer and a copy of a police report.

2.3.4 If any equipment or accessories used to control the equipment (e.g. PC) are infected with unauthorised code (Viruses, Logic Bombs, etc) designed to disrupt, disable or damage hardware or software, the Contractor shall remove completely the unauthorised code at no expense to the Customer and shall recover any lost or damaged data

2.4. Project Team

2.4.1. Project Team shall consist of staffs from the Contractor and its sub-Contractor(s) and shall form the relevant sub-teams to provide the services as stipulated in Clause 2.

2.4.2. The Contractor shall:

2.4.2.1. Manage and monitor the services required in this Tender, and track its subcontractor's performance and service levels, set out herein.

2.4.2.2. Provide comprehensive and regular reporting of project performance and shall propose the reporting format as agreed by the Government. The frequency of reporting shall be on a monthly basis, except when the Government requires reports submitted on a "upon delivery" or quarterly basis.

2.4.2.3. Attend all management meetings (which will be held at least every month and whenever additionally needed) and shall respond to enquiries from the Government.

2.4.2.4. For fault correction relating to the equipment, provide general advice, guidance and liaison with other Government service providers or Contractors.

2.4.3. Key team personnel

2.4.3.1. The Key Team Personnel (i.e. Project Manager(s) and Team Leader(s)) of this project team shall be stationed in Brunei for the provision of their particular services during the Contract period.

2.4.3.2. At least one Project Manager shall be assigned for this project team and shall work full time for the whole duration of the Contract period.

2.4.3.3. This Project Manager shall be the key contact person to liaise with the Customer for all contract matters as stated in the Contract.

2.4.3.4. The Government shall be notified of any proposed changes to and replacements of any key Contractor staff on the project management team during the Contract period. The Contractor shall seek the Government's approval before effecting the changes and replacements.

2.4.3.5. All key team personnel shall possess at least 3 years' experience in project implementation activities.

2.4.4. The team personnel should have the experience to carry out the following services:

2.4.4.1. To have provided installation, configuration and testing services;

2.4.4.2. To have provided support and maintenance services;

2.4.5. The Contractor shall work together with the new service provider to execute the Exit Plan, when the Contract terminates or towards the end of the Contract period.

2.5 Documentations and Deliverables

2.5.1 The Contractor shall be responsible for delivering all relevant documentation for the provision of related services. These shall include the following deliverables:

Service Type	Key Project deliverables
Delivery, Installation and Configuration	Delivery Reports Test Reports
Acceptance and Commissioning	Acceptance Report
Support and Maintenance	Inspection Report Service Report Incident Report

2.5.2 The Contractor shall consolidate all the documentation stated above such that a complete set of documentation is submitted to the Customer for record.

2.5.3 The documentation set submitted to the Customer shall be in the hard copy form (e.g. printed document) and soft copy (e.g. DVDs / CDs / online / email).

2.5.4 All equipment's and software shall be inclusive of documentation manuals and media kits.

3. SERVICE LEVEL

3.1. General

- 3.1.1. The Customer may contact the Tenderer in the event of a fault in the equipment and its accessories.
- 3.1.2. The Tenderer shall be required to repair or replace faulty hardware during lease period within the service levels specified in Clause 3.3.1.
- 3.1.3. If the faulty hardware does not meet the specified service levels and cannot be repaired and service not restored within 24 hours then **alternative services** shall be provided by the Tenderer, at no additional cost to the Government.
- 3.1.4 All incidental costs including parts, transportation and labour charges incurred by the Tenderer pursuant to Clause 3 shall be borne by the Tenderer.

3.2. Service Support

- 3.2.1. The Tenderer shall provide 24 Hour support services to the end user, 7 days a week.
- 3.2.2. The Tenderer shall also provide at least two telephone numbers, including an emergency contact number and an email address for use after Government Office operating hours or during public holidays to the User and Government Technical Services.

The purpose is for both sales and post-sales services and support.

3.3. Prescribed Response Time

- 3.3.1. On receipt of a request from the Government the Tenderer undertakes to dispatch suitably qualified engineers/technicians within the following Response and Total Down Times:

Response time	<ul style="list-style-type: none">• 90 minutes after receipt of notification (Normal Operating hours)• Not more than 1 hour after receipt of notification (Non-operating hours)
Down time	Not more than 24 hours after receipt of notification

- 3.3.2. If the Tenderer fails to respond to the notification or to render the equipment fully operational within the timeframe stated above without providing suitable and equivalent alternative services, then the Government may impose liquidated damages of the amount specified in Section 4.

3.4 Delays

- 3.4.1. If the Company;

3.4.1.1 fails to perform the Preventative Maintenance Services within the time specified in the Preventative Maintenance Services Schedule; or

3.4.1.2 fails to complete the Corrective Maintenance Services within the specified Down Time;

then the sum equivalent of five percent (5%) of the annual Leasing fee for the affected Equipment for each week to One Hundred Brunei Dollars (B\$100.00) for each day of such failure or delay and pro rata for parts of a week until the delayed PM has been completed (counted after the scheduled PM date will be imposed); or the sum of One Hundred Fifty Brunei Dollars (B\$150.00) for each day of such failure or delay until the Equipment has been successfully repaired (counted after elapse of 24 hours after notification) will be imposed;

fails to comply with the Response Time as specified in Clause 3.3,

3.4.1.3 then the sum of Fifty Brunei Dollars (B\$50.00) for each hour of such failure or delay counted after the end of the appropriate Response Time.

4. PAYMENT

4.1. All payment claims shall be submitted to the Customer together with the supporting documents such as Tenderer's invoice, delivery order, acceptance report and service report.

4.2. Payments will be made within the period of sixty (60) days upon receiving such claims.

4.3. Payments for equipment supplied through leasing will commence upon the signing of the contract, on a **quarterly basis** until end of leasing period.

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SECTION 1 – USER REQUIREMENTS
SECTION 2 – PRICING PROPOSAL
SECTION 3 – PROCUMENT AND TECHNICAL SPECIFICATION
SECTION 4 – WARRANTY UNDERTAKING FORM

SECTION 1 – USER REQUIREMENTS	
1	SHENA REGISTRATION
2	ONE (1) UNIT OF DIGITAL RADIOGRAPHY SYSTEM
3	ONE TIME SUPPLY OF ACCESSORIES
4	DISMANTLING AND REMOVAL OF EXISTING SYSTEM
5	ROOM PREPARATION AND RADIATION SAFETY TEST
6	END USER TRAINING
7	PACS INTEGRATION

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SECTION 1 – USER REQUIREMENT

1	SHENA REGISTRATION
1.1	Tenderer must have a active registration with Safety, Health and Environment National Authority (SHENA), Brunei Darussalam for the relevant radiation licenses related to this tender. [Proof of Active Registration must be included]
2	ONE (1) UNIT OF DIGITAL RADIOGRAPHY SYSTEM
2.1	The proposed new system shall replace existing Digital Radiography System in Radiology Department, Suri Seri Begawan (SSB) Hospital, Kuala Belait.
2.2	The System must be capable of performing all general radiographic examinations, with patients in either wheel chair, hospital bed and trolley in horizontal, vertical and oblique positions of all skeletal body of adults and children.
2.3	The System must be DICOM 3.0 ready, HL-7 capable, and IHE compliant and must be activated and ready for connectivity to Ministry of Health’s Picture Archiving and Communication System (PACS). Any licenses from the manufacturer required for the connectivity must be included in this proposal.
2.4	Digital Radiography General X-ray System comes with: <ol style="list-style-type: none"> 1. CEILING SUSPENDED X-RAY TUBE 2. TABLE BUCKY 3. STANDING BUCKY 4. TWO (2) SETS OF DETECTORS 5. DR WORKSTATION
2.4.1	CEILING SUSPENDED X-RAY TUBE
2.4.1.1	A fully integrated ceiling mounted and suspended X-ray tube with capability to move in all directions, with a control console panel.
2.4.1.2	Inclusive supply and installation of all necessary railings and beams required for x-ray tube
2.4.1.3	Control console panel: touchscreen
2.4.1.4	Control console panel display size: at least 10 inch or better
2.4.1.5	Control console panel: Ability to display detector angle
2.4.1.6	Control console panel: Ability to display and adjust generator data
2.4.1.7	Control console panel: Ability to display and adjust examination parameters
2.4.1.8	Control console panel: Ability to display patient data, tube rotation and tilt angles of bucky wall stand
2.4.1.9	Control console panel: Ability to adjust kV, mAs and ms
2.4.1.10	Control console panel: Ability to select focal spot
2.4.1.11	Control console panel: Has feature to recall collimation size
2.4.1.12	Control console panel: Can select automatic exposure control
2.4.1.13	X-ray tube maximum exposure voltage: Can reach up to 150kV
2.4.1.14	X-ray tube minimum exposure voltage: Can reach down to 40kV
2.4.1.15	Capable of Automatic positioning of x-ray tube via pre-set clinical protocols and to tilt angle of wall detector
2.4.1.16	Capable of Auto-centering

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2.4.1.17	Has Auto-tracking of x-ray tube with detectors in table bucky and standing bucky
2.4.1.18	Capable of synchronization with table and standing bucky
2.4.1.19	Integrated collision protection mechanism
2.4.1.20	X-ray tube maximum current: Can reach up to 1000mA
2.4.1.21	X-ray tube minimum current: Can reach down to 10mA
2.4.1.22	Collimation control method: Manual and motorized
2.4.1.23	X-ray generator output power must be 80kW or higher
2.4.1.24	X-ray tube has dual focal spots for small and large spot
2.4.2	TABLE BUCKY
2.4.2.1	Height adjustable floor mounted table bucky with detector tray for digital wireless or wired detector
2.4.2.2	Automatic detection when placing detector in detector tray
2.4.2.3	Detector tray allows portrait or landscape format
2.4.2.4	Inclusive of measurement chamber for automatic exposure
2.4.2.5	Automated tracking capabilities for table height adjustment, longitudinal tube travel and tube rotation.
2.4.2.6	Automated centering on detector
2.4.2.7	Foot activated locks for hands free position
2.4.2.8	Footswitch for adjusting the table height and tabletop movement
2.4.2.9	Comes with remote control to operate the system
2.4.2.10	Patient weight capacity with accessories: capable to withstand at least 300kg (Static) or heavier patient Tenderer to specify maximum weight the table can handle.
2.4.2.11	Easy access from both sides of table for patient transfer purposes and cross table imaging.
2.4.2.12	Tabletop Size: At least 220cm x 80cm or better
2.4.2.13	Tabletop height: Adjustable from 520mm to 940mm $\pm 20\text{mm}$
2.4.2.14	Tabletop material: easy to clean and durable
2.4.3	STANDING BUCKY
2.4.3.1	Tiltable standing bucky from -20° to $+90^{\circ}$ with additional latched position at 0°
2.4.3.2	Inclusive of measurement chamber for automatic exposure
2.4.3.3	Interchangeable/removable scatter radiation grid between table and wall bucky.
2.4.3.4	Detector tray allows portrait or landscape format
2.4.3.5	Automatic tube tracking
2.4.3.6	Vertical travel range: Up to 140cm or better
2.4.3.7	Vertical travel range: Down to 30cm or better
2.4.3.8	Motorized collimation and lamp control
2.4.3.9	Motorized Tilting movement

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2.4.3.10	Motorized vertical movement
2.4.4	TWO (2) SETS OF DETECTORS
2.4.4.1	One (1) Digital Wireless detector for TABLE BUCKY
2.4.4.1.1	Removable and rechargeable battery
2.4.4.1.2	Size of detector: 35cm x 43cm (or equivalent)
2.4.4.1.3	Pixel size: At least 150 µm or better.
2.4.4.1.4	High matrix resolution
2.4.4.1.5	Can be in portrait and landscape format.
2.4.4.1.6	Battery charging when the wireless detector is in the tray
2.4.4.2	One (1) Digital Wired detector for STANDING BUCKY
2.4.4.2.1	Size of detector: 43cm x 43cm (or equivalent)
2.4.4.2.2	Pixel size: At least 150 µm or better.
2.4.4.2.3	High matrix resolution
2.4.4.2.4	Can be in portrait and landscape format.
2.4.5	DR WORKSTATION
2.4.5.1	A central operating DR workstation to control and communicate with the radiography system including digital image processing in the control room.
2.4.5.2	Designed and configured for diagnostic radiology
2.4.5.3	Capable of acquiring the image from the detector system
2.4.5.4	Workstation Processor: Latest high-speed processor in the market
2.4.5.5	Workstation RAM: At least 16GB or better
2.4.5.6	Workstation SATA Hard Drive: For Operating System, Minimum 500GB or better
2.4.5.7	Workstation SSD Hard Drive: For Image Processing Software and Image Storage, Minimum 1TB or better
2.4.5.8	Workstation Graphic Card: Any suitable and compatible graphic card that can provide high quality images on screen
2.4.5.9	Display Monitor: High-Definition Medical Grade
2.4.5.10	Display Monitor: At least 24" or better
2.4.5.11	Security Software: Installed with secure threat and risk analysis security software to prevent unwanted incidents of virus
2.4.5.12	DR workstation comes with comprehensive Image Processing Software
2.4.5.13	Image Processing Software: Capable of image acquisition and image pre-processing
2.4.5.14	Image Processing Software: Basic image processing functions and tools
2.4.5.15	Image Processing Software: Capable of performing digital long length stitching images for long legs and full-spine exams
2.4.5.16	Image Processing Software: Advance post processing function for sorting patient images
2.4.5.17	Image Processing Software: Standard Image display tools

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2.4.5.18	Inclusive of UPS for the workstation with minimum 30 minutes backup time.
2.4.5.19	Image Printing: The System should be able to connect to the existing film printers for image printing. Any additional charges required for the connectivity shall be borne by the Tenderer.
2.4.5.20	Image Processing Software: All licenses and configurations included in the offer must be activated and installed to its latest version
2.4.5.21	Image Processing Software: Inclusive of any software update whenever available or provided by manufacturer within the next ten (10) years Tenderer shall schedule any installation of software updates or upgrades at a time that will have the least impact on the operations of Radiology Department SSBH and shall obtain prior approval of this schedule from the Radiology Department SSBH.
2.4.5.22	All connectivity and configuration work to integrate tenderer's system to Ministry of Health BruHIMS and PACS system must be accounted in this offer. Tenderer may request quotation through Healthcare Technology Department, Ministry of Health or directly to respective vendors.

3	ONE TIME SUPPLY OF ACCESSORIES
3.1	One time supply of accessories which includes but limited to the following: [Please offer an equivalent to the listed accessories if the is no exact item]
3.1.1	One (1) unit patient hand grip
3.1.2	One (1) unit cross table/lateral cassette/detector holder
3.1.3	One (1) unit mattress for the X-ray table
3.1.4	Two (2) units lead gown and hangers with stand
3.1.5	One (1) set gonad shield for adult and children
3.1.6	One (1) set positioning pads of various shapes e.g. triangular, rectangular
3.1.7	One (1) unit PAT slide for patient transfer.
3.1.8	One stationary grid with frame holder that can accommodate the detector proposed and CR cassette 35x43cm. FFD range 100-150cm. parallel grid type.
3.1.9	One (1) unit collimation test tool
3.1.10	One (1) unit leads test tool
3.2	One (1) set of two-way intercom: intercommunications system must be included for ease of giving instruction to patients
3.3	All necessary accessories for the equipment to be functional should be included
3.4	All accessories supplied must have a warranty period of at least one (1) year or better

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4	DISMANTLING AND REMOVAL OF EXISTING SYSTEM
4.1	Tenderer to include the cost to dismantle properly the existing system
4.2	Tenderer shall include the cost to safely dispose X-ray tube in accordance to SHENA guideline
4.3	Tenderer to include the cost to remove existing system from site to a location agreed by SSB Hospital Management.

5	ROOM PREPARATION AND RADIATION SAFETY TEST
5.1	The tenderer to conduct site visit to inspect, measure and confirm the room requirement for the installation of the proposed Systems at the existing Digital Radiography X-ray Room, at the Radiology Department, SSB Hospital
5.2	The room preparation must include but not limited to the following: Replace, supply and install new vinyl flooring Replace, supply and install new power distribution box for the system Replace, supply and install new x-ray warning light Apply new bacterial painting inside examination and console room Installing floor and ceiling trunking for the system Replace, supply and install Split Air conditioning Units (For backup) Any other room preparation plans shall be provided with the proposal. The proposed plan shall be approved by the MOH / Radiology Department prior to implementation.
5.3	The tenderer to provide and install lead shielding standard 2mm thickness (only necessary if the existing one is deemed not satisfactory upon inspection with BME)
5.4	The tenderer must provide in this tender a proposed layout drawing of the System along with mechanical, electrical, network points and HVAC requirements with the proposal.
5.5	Tenderer to provide in the proposal the name of any subcontractors involved in renovation and these subcontractors must possess appropriate and valid certification and licenses which is registered with either MOD or MOH's Estate Maintenance Department.
5.6	The proposal must also include any special lightings and air conditioning necessary for optimal operation of the machine.
5.7	The proposal must include provision for hand wash and operator's console station and to include any necessary furniture required for the installation and operation of the system.
5.8	Flooring fixture, new cabinets, walls, ceiling, Lead door, lighting variations isolated A/C & ventilation, dimmer, occupied signage and other necessary implements shall be provided by Tenderer.
5.9	Any alterations to floor, ceiling, painting, construction, electrical and finishing shall adhere and comply to set quality standards of Biomedical Engineering and Estate Management Department MOH.
5.10	A network installation plan detailing cable runs, cable type, termination, concentrators, hubs, bridges, and all other network devices shall be prepared by the Tenderer and approved by the Ministry of Health's Representative prior to proposed System installation.
5.11	Tenderer shall appoint a qualified expert to perform radiation safety measurements after installation and prior to commissioning of the room.
5.11.1	Result of the radiation safety measurement and certificate must be submitted.
5.12	Radiation warning light to be install and ensure in working condition.
5.13	Tenderer shall be responsible to mobilize and demobilize the machineries used at the work site and to remove the debris from the site after completion works.
5.14	Certificate of calibration and inspection from factory.
5.15	Two (2) sets of quality assurance and commissioning report.

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6	END USER TRAINNING
6.1	Inclusive of clinical application training for all radiographers and radiologist for at least seven (7) working days on-site for all the operation and applications offered with the system by Manufacturer's Application Specialist which includes but not limited to:
6.1.1	Basic user operation, user troubleshooting and user maintenance
6.1.2	CPACS and/or RPACS guide through (if necessary)
6.1.3	Training certificate must be provided by manufacturer or tenderer after completion of training sessions.
6.2	On-site follow up application training by application specialist after three (3) months of clinical use to ensure the system is fully optimised.
6.3	Include training for QC radiographers on Quality Control procedures of the Digital Radiography System.
6.4	Two (2) sets of User/Operation Manual in English
6.5	Two (2) sets of Training Manual in English
6.6	Introductory Technical Training to Biomedical Engineers and Technicians at BME RIPASH Office by competent Tenderer's Engineer/Technicians that includes but not limited to: <ul style="list-style-type: none"> • Troubleshooting and basic corrective maintenance • Handling and basic inspection maintenance
7	PACS INTEGRATION
7.1	Tenderer to include the cost of PACS integration quoted from PACS vendor. Tenderer may contact the quotation of PACS integration for this project directly to the MOH's PACS vendor or through the project coordinator listed in this tender. (Price from FOLEC Communications (B) Sdn Bhd: \$5,000.00/unit for Digital X-ray)

UNIT TAWARAN
KEMENTERIAN KESIHATAN
NEGARA BRUNEI DARUSSALAM

**PROVISION OF DIGITAL RADIOGRAPHY SYSTEM FOR RADIOLOGY DEPARTMENT, SURI SERI BEGAWAN
HOSPITAL, KUALA BELAIT**

SECTION 2 – PRICING PROPOSAL	
1	PURCHASE PRICE
2	LEASING PRICE
2.1	LEASING
2.2	LEASE-TO-OWN/ LEASE PURCHASE

1. PURCHASE PRICE

Tenderer to offer an Outright Purchase Price for MINISTRY OF HEALTH to purchase all the items listed in SECTION 1- USER REQUIREMENTS:

1. With Two (2) Years Warranty provided by Tenderer/Manufacturer
2. With Two (2) Years Warranty + 3 Years **Post Warranty CMS*** (2 + 3 Years)
3. With Two (2) Years Warranty + 5 Years **Post Warranty CMS*** (2 + 5 Years)

(See SECTION 4 - WARRANTY UNDERTAKING FORM)

***Post Warranty Comprehensive Maintenance Service (CMS)** – Tenderer to include the cost of Comprehensive Maintenance Service after the warranty period in the Total Cost.

2. LEASING PRICE

Tenderer must propose leasing price for **LEASING¹** and **LEASE-TO-OWN/LEASE PURCHASE²** for all the item listed in SECTION 1- USER REQUIREMENTS for:

4. A period of three (3) years
5. A period of five (5) years
6. A period of seven (7) years

2.1 LEASING¹

Tenderer to lease equipment with Warranty (SECTION 4- WARRANTY UNDETAKING FORM) and will take back equipment at the end of lease term.

2.2 LEASE-TO-OWN / LEASE PURCHASE²

Tenderer to lease equipment with Warranty (SECTION 4 - WARRANTY UNDETAKING FORM) and includes an option for the Government take the equipment subject to the condition of equipment at the end of lease term.

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**PROVISION OF DIGITAL RADIOGRAPHY SYSTEM FOR RADIOLOGY DEPARTMENT, SURI SERI BEGAWAN
HOSPITAL, KUALA BELAIT**

PURCHASE PRICE	WITH TWO (2) YEARS WARRANTY PROVIDED BY TENDERER/MANUFACTURER	OUTRIGHT PURCHASE PRICE WITH 2 YEARS WARRANTY
	WITH TWO (2) YEARS WARRANTY + 3 YEARS POST WARRANTY CMS (2 + 3 YEARS)	OUTRIGHT PURCHASE PRICE WITH 2 YEARS WARRANTY
		+ 3 YEARS POST WARRANTY COMPREHENSIVE MAINTENANCE SERVICE PRICE
		TOTAL COST FOR 2 + 3 YEARS
	WITH TWO (2) YEARS WARRANTY + 5 YEARS POST WARRANTY CMS (2 + 5 YEARS)	OUTRIGHT PURCHASE PRICE WITH TWO YEARS WARRANTY
		+ 5 YEARS POST WARRANTY COMPREHENSIVE MAINTENANCE SERVICE PRICE
TOTAL COST FOR 2 + 5 YEARS		

LEASING PRICE	LEASING TERMS
	A. LEASING
	B. LEASE-TO-OWN / LEASE PURCHASE
	4. A PERIOD OF THREE (3) YEARS
	4.1 PER YEAR
	4.2 PER MONTH
	5. A PERIOD OF FIVE (5) YEARS
	5.1 PER YEAR
	5.2 PER MONTH
	6. A PERIOD OF SEVEN (7) YEARS
6.1 PER YEAR	
6.2 PER MONTH	

UNIT TAWARAN
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**PROVISION OF DIGITAL RADIOGRAPHY SYSTEM FOR RADIOLOGY DEPARTMENT, SURI SERI BEGAWAN
HOSPITAL, KUALA BELAIT**

SECTION 3 – PROCUMENT AND TECHNICAL SPECIFICATION
BRAND:
MODEL:
COUNTRY OF ORIGIN:
WHERE MARKETED:
YEAR INTRODUCED TO MARKET:
DELIVERY TIME:
PRICE VALIDITY: ATLEAST ONE YEAR VALIDITY
DETAILED BROCHURE INCLUDED?
USER AND SERVICE MANUALS:
MAINS POWER SUPPLY:
POWER RATINGS:
EQUIPMENT AMBIENT OPERATING TEMPERATURE RANGE:
BATTERY BACKUP:
INTERNATIONAL SAFETY STANDARD:
TECHNICAL SUPPORT: LOCAL AND NEAREST SUPPORT
DIMENSIONS OF MAIN UNIT:
WEIGHT OF MAIN UNIT:
EQUIPMENT WHOLE LIFE TIME SUPPORT:

UNIT TAWARAN
KEMENTERIAN KESIHATAN
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**PROVISION OF DIGITAL RADIOGRAPHY SYSTEM FOR RADIOLOGY DEPARTMENT, SURI SERI BEGAWAN
HOSPITAL, KUALA BELAIT**

SECTION 4 – WARRANTY UNDERTAKING FORM (PAGE 1)

Tenderer, on behalf of the manufacturer, acknowledged and agrees that when equipment is under Warranty period, must cover the scope of normal warranty below at no additional cost:

NORMAL WARRANTY

- Warrants the supplied medical equipment and its accessories to be in good condition, in working order and free from defects to the extend such equipment do not comply with specifications, under normal use for the warranty period. The scope of warranty covers to its maximum extent permitted by applicable law.
- During warranty, tenderer must rectify issues arise from any mechanical, technical or software faulty as soon as it is reported.
- **Exchange warranty;** Providing replacement units:
 - A. Warranty against defects – Manufacturing defects or Equipment malfunction resulted from mechanical, electrical or software failure during Commissioning or within the first _____ months of use
 - B. Faulty workmanship or unsatisfactory condition during delivery or commissioning
 - C. If a unit or accessory is deemed used item or refurbished item (not a new unit) by the user and BME Unit.
- **Two time Planned Preventive Maintenance (PPM) PER YEAR** according to Manufacturer’s Preventive Maintenance Guideline, including one-time replacements of PM Kits, batteries and any relevant parts to prolong equipment lifespan.

EXCLUSION FROM WARRANTY

MOH understand that the following circumstances are not covered in the warranty and Tenderer may quote for repair and subject to MOH approval:

- Unauthorized modifications - an alteration or repair by anyone other than the Manufacturer or Authorized agent during warranty period.
- Accidental damage or problems caused by negligence or mishandling, subject to appropriate justification by both parties.
- Vandalism and Natural disasters
- Normal wear and tear

POST WARRANTY COMPREHENSIVE MAINTENANCE SERVICE

Tenderer must provide a comprehensive maintenance service after the warranty period.

The scope for **Comprehensive Maintenance Service** consists of:

- A. **Inspection Maintenance (IM)**
- B. **Corrective Maintenance (CM) and**
- C. **Planned Preventive maintenance (PPM)**
- D. **Breakdown calls**

TENDERER ACKNOWLEDGMENT

COMPANY CHOP AND SIGNATURE

UNIT TAWARAN
KEMENTERIAN KESIHATAN
NEGARA BRUNEI DARUSSALAM

**PROVISION OF DIGITAL RADIOGRAPHY SYSTEM FOR RADIOLOGY DEPARTMENT, SURI SERI BEGAWAN
HOSPITAL, KUALA BELAIT**

SECTION 4 – WARRANTY UNDERTAKING FORM (PAGE 2)

A. Inspection Maintenance (IM)

- Must be conducted every six (6) months starting from warranty expiry date
- Issuance of IM Report to End User and Biomedical Engineering Unit of respective Facilities (BME)
- Physical hardware checks on main unit/system and all supplied accessories
- System, Software and Application checkup – Update to latest version when available
- Performance and Functional testing
- Servicing/Cleaning of dust

B. Corrective Maintenance (CM):

- Repair and replacement of parts with new, quality, and compatible parts within thirty (30) days after receipt of reported problem by BME including X-ray tube
- Post repair tests with reports to ensure Electrical Safety Test, Performance Test and Functional Test is conducted.

C. Planned Preventive Maintenance (PPM):

- Two times a year Comprehensive PPM for every warranty year to ensure equipment is working in maximum condition. (Inclusive of one time PM kits and replaceable items)
- Provide Maintenance Due Date stickers after each PPM

D. Breakdown Call

- Attend to any breakdown call within 24 hours after receipt of reported problem by BME Unit of Respective Facilities preferably during office hours, else after office hours or public holidays (only if it is necessary and urgent)
- Response to Breakdown call: within 30 mins (Office hours) / within 60 mins (Non-Office hours)
- Downtime: Not more than 24 hours after receipt of reported problem by BME unit of Respective Facilities
- If Downtime is expected to be more than 24 hours, Tenderer must provide notice to BME unit indicating the reason of delay with estimation of:
 - Estimated time of parts to arrive and
 - Expected no of days for repair completion
 - Estimated time for loan unit to arrive if not in stock (Leasing).

ADDITIONAL WARRANTY SCOPE FOR LEASING:

Tenderer need to plan and provide a LOAN UNIT to End User as soon as possible if equipment downtime is expected to be more than 24 hours after receipt of reported problem from BME (not repairable or need to be remove from service due to requiring parts replacement until the equipment is return back to service.)

TENDERER ACKNOWLEDGMENT

COMPANY CHOP AND SIGNATURE

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**PROVISION OF DIGITAL RADIOGRAPHY SYSTEM FOR RADIOLOGY DEPARTMENT, SURI SERI BEGAWAN
HOSPITAL, KUALA BELAIT**

ANY OTHER EXCLUSION

Tenderer may propose below to include items or terms which is not listed in the exclusion list above for MOH consideration.

TENDERER ACKNOWLEDGMENT

COMPANY CHOP AND SIGNATURE

ANNEX 2.2

STATEMENT OF COMPLIANCE

SECTION 1 - USER REQUIREMENTS					
REF	DESCRIPTION	Tick (✓)		STATE OR SPECIFY	
		YES	NO	REMARKS	BROCHURE PAGE
1	SHENA REGISTRATION				
2	ONE (1) UNIT OF DIGITAL RADIOGRAPHY SYSTEM				
3	ONE TIME SUPPLY OF ACCESSORIES				
4	DISMANTLING AND REMOVAL OF EXISTING SYSTEM				
5	ROOM PREPARATION AND RADIATION SAFETY TEST				
6	END USER TRAINING				
7	PACS INTEGRATION				

In your quotation/tender document, **please breakdown/itemized the price in Section 3 -Tenderers Schedule**

**** Complete the Annex B: Technical Specification – Datasheet**

1. SHENA REGISTRATION					
REF	DESCRIPTION	Tick (✓)		STATE OR SPECIFY	
		YES	NO	REMARKS	BROCHURE PAGE
1.1	Tenderer must have a active registration with Safety, Health and Environment National Authority (SHENA), Brunei Darussalam for the relevant radiation licenses related to this tender. [Proof of Active Registration must be included]				

2. ONE (1) UNIT OF DIGITAL RADIOGRAPHY SYSTEM					
REF	DESCRIPTION	Tick (✓)		STATE OR SPECIFY	
		YES	NO	REMARKS	BROCHURE PAGE
2.1	The proposed new system shall replace existing Digital Radiography System in Radiology Department, Suri Seri Begawan (SSB) Hospital, Kuala Belait.				
2.2	The System must be capable of performing all general radiographic examinations, with patients in either wheel chair, hospital bed and trolley in horizontal, vertical and oblique positions of all skeletal body of adults and children.				
2.3	The System must be DICOM 3.0 ready, HL-7 capable, and IHE compliant and must be activated and ready for connectivity to Ministry of Health's Picture Archiving and Communication System (PACS). Any licenses from the manufacturer required for the connectivity must be included in this proposal.				
2.4	Digital Radiography General X-ray System comes with: <ol style="list-style-type: none"> 1. CEILING SUSPENDED X-RAY TUBE 2. TABLE BUCKY 3. STANDING BUCKY 4. TWO (2) SETS OF DETECTORS 5. DR WORKSTATION 				
2.4.1	CEILING SUSPENDED X-RAY TUBE				
2.4.1.1	A fully integrated ceiling mounted and suspended X-ray tube with capability to move in all directions, with a control console panel.				
2.4.1.2	Inclusive supply and installation of all necessary railings and beams required for x-ray tube				
2.4.1.3	Control console panel: touchscreen				
2.4.1.4	Control console panel display size: at least 10 inch or better				
2.4.1.5	Control console panel: Ability to display detector angle				
2.4.1.6	Control console panel: Ability to display and adjust generator data				
2.4.1.7	Control console panel: Ability to display and adjust examination parameters				

2.4.1.8	Control console panel: Ability to display patient data, tube rotation and tilt angles of bucky wall stand				
2.4.1.9	Control console panel: Ability to adjust kV, mAs and ms				
2.4.1.10	Control console panel: Ability to select focal spot				
2.4.1.11	Control console panel: Has feature to recall collimation size				
2.4.1.12	Control console panel: Can select automatic exposure control				
2.4.1.13	X-ray tube maximum exposure voltage: Can reach up to 150kV				
2.4.1.14	X-ray tube minimum exposure voltage: Can reach down to 40kV				
2.4.1.15	Capable of Automatic positioning of x-ray tube via pre-set clinical protocols and to tilt angle of wall detector				
2.4.1.16	Capable of Auto-centering				
2.4.1.17	Has Auto-tracking of x-ray tube with detectors in table bucky and standing bucky				
2.4.1.18	Capable of synchronization with table and standing bucky				
2.4.1.19	Integrated collision protection mechanism				
2.4.1.20	X-ray tube maximum current: Can reach up to 1000mA				
2.4.1.21	X-ray tube minimum current: Can reach down to 10mA				
2.4.1.22	Collimation control method: Manual and motorized				
2.4.1.23	X-ray generator output power must be 80kW or higher				
2.4.1.24	X-ray tube has dual focal spots for small and large spot				
2.4.2	TABLE BUCKY				
2.4.2.1	Height adjustable floor mounted table bucky with detector tray for digital wireless or wired detector				
2.4.2.2	Automatic detection when placing detector in detector tray				
2.4.2.3	Detector tray allows portrait or landscape format				
2.4.2.4	Inclusive of measurement chamber for automatic exposure				
2.4.2.5	Automated tracking capabilities for table height adjustment, longitudinal tube travel and tube rotation.				
2.4.2.6	Automated centering on detector				
2.4.2.7	Foot activated locks for hands free position				
2.4.2.8	Footswitch for adjusting the table height and tabletop movement				
2.4.2.9	Comes with remote control to operate the system				
2.4.2.10	Patient weight capacity with accessories: capable to withstand at least 300kg (Static) or heavier patient Tenderer to specify maximum weight the table can handle.				

2.4.2.11	Easy access from both sides of table for patient transfer purposes and cross table imaging.				
2.4.2.12	Tabletop Size: At least 220cm x 80cm or better				
2.4.2.13	Tabletop height: Adjustable from 520mm to 940mm \pm 20 mm				
2.4.2.14	Tabletop material: easy to clean and durable				
2.4.3	STANDING BUCKY				
2.4.3.1	Tiltable standing bucky from -20° to +90° with additional latched position at 0°				
2.4.3.2	Inclusive of measurement chamber for automatic exposure				
2.4.3.3	Interchangeable/removable scatter radiation grid between table and wall bucky.				
2.4.3.4	Detector tray allows portrait or landscape format				
2.4.3.5	Automatic tube tracking				
2.4.3.6	Vertical travel range: Up to 140cm or better				
2.4.3.7	Vertical travel range: Down to 30cm or better				
2.4.3.8	Motorized collimation and lamp control				
2.4.3.9	Motorized Tilting movement				
2.4.3.10	Motorized vertical movement				
2.4.4	TWO (2) SETS OF DETECTORS				
2.4.4.1	One (1) Digital Wireless detector for TABLE BUCKY				
2.4.4.1.1	Removable and rechargeable battery				
2.4.4.1.2	Size of detector: 35cm x 43cm (or equivalent)				
2.4.4.1.3	Pixel size: At least 150 μ m or better.				
2.4.4.1.4	High matrix resolution				
2.4.4.1.5	Can be in portrait and landscape format.				
2.4.4.1.6	Battery charging when the wireless detector is in the tray				
2.4.4.2	One (1) Digital Wired detector for STANDING BUCKY				
2.4.4.2.1	Size of detector: 43cm x 43cm (or equivalent)				
2.4.4.2.2	Pixel size: At least 150 μ m or better.				
2.4.4.2.3	High matrix resolution				
2.4.4.2.4	Can be in portrait and landscape format.				
2.4.5	DR WORKSTATION				
2.4.5.1	A central operating DR workstation to control and communicate with the radiography system including digital image processing in the control room.				

2.4.5.2	Designed and configured for diagnostic radiology				
2.4.5.3	Capable of acquiring the image from the detector system				
2.4.5.4	Workstation Processor: Latest high-speed processor in the market				
2.4.5.5	Workstation RAM: At least 16GB or better				
2.4.5.6	Workstation SATA Hard Drive: For Operating System, Minimum 500GB or better				
2.4.5.7	Workstation SSD Hard Drive: For Image Processing Software and Image Storage, Minimum 1TB or better				
2.4.5.8	Workstation Graphic Card: Any suitable and compatible graphic card that can provide high quality images on screen				
2.4.5.9	Display Monitor: High-Definition Medical Grade				
2.4.5.10	Display Monitor: At least 24" or better				
2.4.5.11	Security Software: Installed with secure threat and risk analysis security software to prevent unwanted incidents of virus				
2.4.5.12	DR workstation comes with comprehensive Image Processing Software				
2.4.5.13	Image Processing Software: Capable of image acquisition and image pre-processing				
2.4.5.14	Image Processing Software: Basic image processing functions and tools				
2.4.5.15	Image Processing Software: Capable of performing digital long length stitching images for long legs and full-spine exams				
2.4.5.16	Image Processing Software: Advance post processing function for sorting patient images				
2.4.5.17	Image Processing Software: Standard Image display tools				
2.4.5.18	Inclusive of UPS for the workstation with minimum 30 minutes backup time.				
2.4.5.19	Image Printing: The System should be able to connect to the existing film printers for image printing. Any additional charges required for the connectivity shall be borne by the Tenderer.				
2.4.5.20	Image Processing Software: All licenses and configurations included in the offer must be activated and installed to its latest version				
2.4.5.21	Image Processing Software: Inclusive of any software update whenever available or provided by manufacturer within the next ten (10) years Tenderer shall schedule any installation of software updates or upgrades at a time that will have the least impact on the operations of Radiology Department SSBH and shall obtain prior approval of this schedule from the Radiology Department SSBH.				
2.4.5.22	All connectivity and configuration work to integrate tenderer's system to Ministry of Health BruHIMS and PACS system must be accounted in this offer. Tenderer				

	may request quotation through Healthcare Technology Department, Ministry of Health or directly to respective vendors.				
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3. ONE TIME SUPPLY OF ACCESSORIES					
REF	DESCRIPTION	Tick (✓)		STATE OR SPECIFY	
		YES	NO	REMARKS	BROCHURE PAGE
3.1	One time supply of accessories which includes but limited to the following: [Please offer an equivalent to the listed accessories if the is no exact item]				
3.1.1	One (1) unit patient hand grip				
3.1.2	One (1) unit cross table/lateral cassette/detector holder				
3.1.3	One (1) unit mattress for the X-ray table				
3.1.4	Two (2) units lead gown and hangers with stand				
3.1.5	One (1) set gonad shield for adult and children				
3.1.6	One (1) set positioning pads of various shapes e.g. triangular, rectangular				
3.1.7	One (1) unit PAT slide for patient transfer.				
3.1.8	One stationary grid with frame holder that can accommodate the detector proposed and CR cassette 35x43cm. FFD range 100-150cm. parallel grid type.				
3.1.9	One (1) unit collimation test tool				
3.1.10	One (1) unit leads test tool				
3.2	One (1) set of two-way intercom: intercommunications system must be included for ease of giving instruction to patients				
3.3	All necessary accessories for the equipment to be functional should be included				
3.4	All accessories supplied must have a warranty period of at least one (1) year or better				
15	Radiation warning light to be install and ensure in working condition.				
16	Removal of site debris. The Tenderer shall be responsible to mobilize and demobilize the machineries used at the work site and to remove the debris from the site after completion works.				
17	The Tenderer to include all necessary works and other accessories for power supply for the proposed room from the switch board.				
18	The calculation of the capacity rating and the proposal for single line should be submitted together with the tender document.				
19	Certificate of calibration and inspection from factory.				

20	Two (2) sets of quality assurance and commissioning report.				
21	Two (2) sets of room radiation safety measurement and certificate.				

4. DISMANTLING AND REMOVAL OF EXISTING SYSTEM					
REF	DESCRIPTION	Tick (✓)		STATE OR SPECIFY	
		YES	NO	REMARKS	BROCHURE PAGE
4.1	Tenderer to include the cost to dismantle properly the existing system				
4.2	Tenderer shall include the cost to safely dispose X-ray tube in accordance to SHENA guideline				
4.3	Tenderer to include the cost to remove existing system from site to a location agreed by SSB Hospital Management.				

5. ROOM PREPARATION AND RADIATION SAFETY TEST					
REF	DESCRIPTION	Tick (✓)		STATE OR SPECIFY	
		YES	NO	REMARKS	BROCHURE PAGE
5.1	The tenderer to conduct site visit to inspect, measure and confirm the room requirement for the installation of the proposed Systems at the existing Digital Radiography X-ray Room, at the Radiology Department, SSB Hospital				
5.2	<p>The room preparation must include but not limited to the following:</p> <ul style="list-style-type: none"> • Replace, supply and install new vinyl flooring • Replace, supply and install new power distribution box for the system • Replace, supply and install new x-ray warning light • Apply new bacterial painting inside examination and console room • Installing floor and ceiling trunking for the system • Replace, supply and install Split Air conditioning Units (For backup) <p>Any other room preparation plans shall be provided with the proposal. The proposed plan shall be approved by the MOH / Radiology Department prior to implementation.</p>				
5.3	The tenderer to provide and install lead shielding standard 2mm thickness (only necessary if the existing one is deemed not satisfactory upon inspection with BME)				
5.4	The tenderer must provide in this tender a proposed layout drawing of the System along with mechanical,				

	electrical, network points and HVAC requirements with the proposal.				
5.5	Tenderer to provide in the proposal the name of any subcontractors involved in renovation and these subcontractors must possess appropriate and valid certification and licenses which is registered with either MOD or MOH's Estate Maintenance Department.				
5.6	The proposal must also include any special lightings and air conditioning necessary for optimal operation of the machine.				
5.7	The proposal must include provision for hand wash and operator's console station and to include any necessary furniture required for the installation and operation of the system.				
5.8	Flooring fixture, new cabinets, walls, ceiling, Lead door, lighting variations isolated A/C & ventilation, dimmer, occupied signage and other necessary implements shall be provided by Tenderer.				
5.9	Any alterations to floor, ceiling, painting, construction, electrical and finishing shall adhere and comply to set quality standards of Biomedical Engineering and Estate Management Department MOH.				
5.10	A network installation plan detailing cable runs, cable type, termination, concentrators, hubs, bridges, and all other network devices shall be prepared by the Tenderer and approved by the Ministry of Health's Representative prior to proposed System installation.				
5.11	Tenderer shall appoint a qualified expert to perform radiation safety measurements after installation and prior to commissioning of the room.				
5.11.1	Result of the radiation safety measurement and certificate must be submitted.				
5.12	Radiation warning light to be install and ensure in working condition.				
5.13	Tenderer shall be responsible to mobilize and demobilize the machineries used at the work site and to remove the debris from the site after completion works.				
5.14	Certificate of calibration and inspection from factory.				
5.15	Two (2) sets of quality assurance and commissioning report.				

6. END USER TRAINING					
REF	DESCRIPTION	Tick (✓)		STATE OR SPECIFY	
		YES	NO	REMARKS	BROCHURE PAGE
6.1	Inclusive of clinical application training for all radiographers and radiologist for at least seven (7) working days on-site for all the operation and applications offered with the system by Manufacturer's Application Specialist which includes but not limited to:				
6.1.1	Basic user operation, user troubleshooting and user maintenance				
6.1.2	CPACS and/or RPACS guide through (if necessary)				
6.1.3	Training certificate must be provided by manufacturer or tenderer after completion of training sessions.				
6.2	On-site follow up application training by application specialist after three (3) months of clinical use to ensure the system is fully optimised.				
6.3	Include training for QC radiographers on Quality Control procedures of the Digital Radiography System.				
6.4	Two (2) sets of User/Operation Manual in English				
6.5	Two (2) sets of Training Manual in English				
6.6	Introductory Technical Training to Biomedical Engineers and Technicians at BME RIPASH Office by competent Tenderer's Engineer/Technicians that includes but not limited to: <ul style="list-style-type: none"> • Troubleshooting and basic corrective maintenance • Handling and basic inspection maintenance 				

7. PACS INTEGRATION					
REF	DESCRIPTION	Tick (✓)		STATE OR SPECIFY	
		YES	NO	REMARKS	BROCHURE PAGE
7.1	Tenderer to include the cost of PACS integration quoted from PACS vendor. Tenderer may contact the quotation of PACS integration for this project directly to the MOH's PACS vendor or through the project coordinator listed in this tender. (Price from FOLEC Communications (B) Sdn Bhd: \$5,000.00/unit for Digital X-ray)				

SECTION 2 – PRICING REQUIREMENTS				
REF	DESCRIPTION	Tick (✓)		QUOTATION REFERENCE
		YES	NO	
1	PURCHASE PRICE WITH 2 YEARS WARRANTY			
2	PURCHASE PRICE WITH TWO (2) YEARS WARRANTY + 3 YEAR POST WARRANTY COMPREHENSIVE MAINTENANCE SERVICE			
3	PURCHASE PRICE WITH TWO (2) YEARS WARRANTY + 5 YEARS POST WARRANTY COMPREHENSIVE MAINTENANCE SERVICE			
4	LEASING PRICE 3 YEARS			
5	LEASING PRICE 5 YEARS			
6	LEASING PRICE 7 YEARS			
7	LEASE-TO-OWN/LEASE PURCHASE PRICE FOR 3 YEARS			
8	LEASE-TO-OWN/LEASE PURCHASE PRICE FOR 5 YEARS			
9	LEASE-TO-OWN/LEASE PURCHASE PRICE FOR 7 YEARS			

SECTION 3 – PROCUMENT AND TECHNICAL SPECIFICATION					
BRAND:					
MODEL:					
COUNTRY OF ORIGIN:					
WHERE MARKETED:					
YEAR INTRODUCED TO MARKET:	(Please include letterhead from manufacturer to support the information)				
DELIVERY TIME:					
PRICE VALIDITY:	[AT LEAST ONE (1) YEAR PRICE VALIDTY]				
DETAILED BROCHURE INCLUDED?	<input type="checkbox"/>	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/> Where appropriate
USER AND SERVICE MANUALS:	<input type="checkbox"/>	YES	<input type="checkbox"/>	NO	Tenderers to acknowledge that they must provide at least TWO sets of USER AND SERVICE manuals when applying commissioning form. One Set for End User, One Set for BME. (Please provide hardcopy or softcopy)
MAINS POWER SUPPLY:					
POWER RATINGS:					
EQUIPMENT AMBIENT OPERATING TEMPERATURE RANGE:					
BATTERY BACKUP:					
INTERNATIONAL SAFETY STANDARD:					
TECHNICAL SUPPORT:	NO OF LOCAL ENGINEER/TECHNICIAN:				
	NEAREST OVERSEA SUPPORT:				
DIMENSIONS OF MAIN UNIT:				MM / CM / INCH	
WEIGHT OF MAIN UNIT:				KG / G / LBS	
EQUIPMENT WHOLE LIFE TIME SUPPORT:	Number of years, spare parts are available after the installation of the equipment: _____ years				

REF	DESCRIPTION	Tick (✓)		REMARKS
		YES	NO	
11	EQUIPMENT LIFE SPAN ESTIMATION:			
12	NUMBER OF COMPETENT TECHNICAL SUPPORT (LOCAL)			
13	NUMBER OF TECHNICAL SUPPORT			
14	PREVENTIVE MAINTENANCE During warranty period, tenderer must include the cost to perform preventive maintenance twice a year (Preventive maintenance conducted must be recorded and a copy of the document must be available for user and Biomedical engineering.)			Include but not limited to: 1) General cleaning 2) Physical check 3) Function and performance testing 4) Calibration 5) Replacement of PM Kit
15	Please attach a list of: 1) Scope of work for preventive maintenance 2) List of PM kits or parts to be replace during PM if applicable			Please attach list on a separate sheet
16	INTERNATIONAL SAFETY STANDARD			US FDA
				EU CE MARK
				AUSTRALIAN TGA
				CANADA CSA
				JAPAN JIS
				OTHERS:
				OTHERS:

SECTION 4 – WARRANTY UNDERTAKING FORM (PAGE 1)

Tenderer, on behalf of the manufacturer, acknowledged and agrees that when equipment is under Warranty period, must cover the scope of normal warranty below at no additional cost:

NORMAL WARRANTY

- Warrants the supplied medical equipment and its accessories to be in good condition, in working order and free from defects to the extent such equipment do not comply with specifications, under normal use for the warranty period. The scope of warranty covers to its maximum extent permitted by applicable law.
- During warranty, tenderer must rectify issues arise from any mechanical, technical or software faulty as soon as it is reported.
- **Exchange warranty**; Providing replacement units:
 - A. Warranty against defects – Manufacturing defects or Equipment malfunction resulted from mechanical, electrical or software failure during Commissioning or within the first _____ months of use
 - B. Faulty workmanship or unsatisfactory condition during delivery or commissioning
 - C. If a unit or accessory is deemed used item or refurbished item (not a new unit) by the user and BME Unit.
 - D. Xray tube within the warranty period of 2 years
- **Two time Planned Preventive Maintenance (PPM) PER YEAR** according to Manufacturer's Preventive Maintenance Guideline, including one-time replacements of PM Kits, batteries and any relevant parts to prolong equipment lifespan.

EXCLUSION FROM WARRANTY

MOH understand that the following circumstances are not covered in the warranty and Tenderer may quote for repair and subject to MOH approval:

- Unauthorized modifications - an alteration or repair by anyone other than the Manufacturer or Authorized agent during warranty period.
- Accidental damage or problems caused by negligence or mishandling, subject to appropriate justification by both parties.
- Vandalism and Natural disasters
- Normal wear and tear

POST WARRANTY COMPREHENSIVE MAINTENANCE SERVICE

Tenderer must provide a comprehensive maintenance service after the warranty period.

The scope for **Comprehensive Maintenance Service** consists of:

- A. **Inspection Maintenance (IM)**
- B. **Corrective Maintenance (CM) and**
- C. **Planned Preventive maintenance (PPM)**
- D. **Breakdown calls**

TENDERER ACKNOWLEDGMENT

COMPANY CHOP AND SIGNATURE

SECTION 4 – WARRANTY UNDERTAKING FORM (PAGE 2)

A. Inspection Maintenance (IM)

- Must be conducted every six (6) months starting from warranty expiry date
- Issuance of IM Report to End User and Biomedical Engineering Unit of respective Facilities (BME)
- Physical hardware checks on main unit/system and all supplied accessories
- System, Software and Application checkup – Update to latest version when available
- Performance and Functional testing
- Servicing/Cleaning of dust

B. Corrective Maintenance (CM):

- Repair and replacement of parts with new, quality, and compatible parts within thirty (30) days after receipt of reported problem by BME including X-ray Tube
- Post repair tests with reports to ensure Electrical Safety Test, Performance Test and Functional Test is conducted.

C. Planned Preventive Maintenance (PPM):

- **Two times a year** Comprehensive PPM for every warranty year to ensure equipment is working in maximum condition. (Inclusive of one time PM kits and replaceable items)
- Provide Maintenance Due Date stickers after each PPM

D. Breakdown Call

- Attend to any breakdown call within 24 hours after receipt of reported problem by BME Unit of Respective Facilities preferably during office hours, else after office hours or public holidays (only if it is necessary and urgent)
- Response to Breakdown call: within 30 mins (Office hours) / within 60 mins (Non-Office hours)
- Downtime: Not more than 24 hours after receipt of reported problem by BME unit of Respective Facilities
- If Downtime is expected to be more than 24 hours, Tenderer must provide notice to BME unit indicating the reason of delay with estimation of:
 - Estimated time of parts to arrive and
 - Expected no of days for repair completion
 - Estimated time for loan unit to arrive if not in stock (Leasing).
- The downtime after the first 24 hours, should not be more than 7 working days or else, a penalty fee will be charge per day after the 8th downtime day.

ADDITIONAL WARRANTY SCOPE FOR LEASING:

- Inclusive of yearly radiation safety test and report by certified entity.
- To ensure downtime is minimize, the Tenderer is expected to fix the issue as soon as possible. The maximum downtime permitted for leasing is 7 working days after the 24 hours of reported problem from BME/Radiology Department. Anything after that would incur penalty fee per day.

TENDERER ACKNOWLEDGMENT

COMPANY CHOP AND SIGNATURE

ANY OTHER EXCLUSION

Tenderer may propose below to include items or terms which is not listed in the exclusion list above for MOH consideration.

TENDERER ACKNOWLEDGMENT

COMPANY CHOP AND SIGNATURE

SECTION 3

TENDER SCHEDULES

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SCHEDULE 1 – INFORMATION SUMMARY

1.1. Tenderers shall provide in this Schedule the following information:

- (a) Management summary
- (b) List of all the companies (including the Tenderer and Tenderer's sub-contractor(s), if any) involved in the provision of the services and items specified in this tender, and the responsibility of each company.
- (c) Company profile (including the Tenderer and Tenderer's sub-contractor(s), if any) shall include company strengths, organisation structure, management background, financial standing etc.
- (d) Copies of Company's Certificate of Corporation or Firm's Certificate of Registration, as applicable, and a receipt of the document fee.
- (e) Years of experience (as of the Tender Closing Date) and skills of the Tenderer and sub-contractor(s) in
 - Supply and Delivery of medical equipment; and
 - Providing Maintenance and support services
- (f) Description of the features and flexibility of the Equipment and Software proposed, including:
 - Overview
 - Configuration
 - Compatibility
- (g) Status and support policy of each major product (e.g. how long each product has been available in the market, the manufacturer, commitment in terms of life cycle and in the case of software, the current version number and the number of versions released in the last 24 months with information summary for the proposed version).
- (h) Other information which is considered relevant.

SCHEDULE 2 – SUB-CONTRACTS

- 2.1. Tenderers shall complete **Table 2.1** below with information about all the companies involved in the provision of the services and items specified in this tender. This shall include details about the Tenderer and each sub-contractor involved, as well as their respective responsibilities.
- 2.2. Tenderers shall also indicate in **Table 2.1** below any alliance relationship established with each sub-contractor. An alliance is defined as a formal and binding business relationship between the allied parties.
- 2.3. Tenderers shall also provide letter of certification of any alliance relationship established with each sub-contractor.

Table 2.1 – Responsibility Table

Company Name	Responsibility Description	Alliance Relationship between contractor and sub-contractor(s)		
		Alliance exists? (Y/N)	Date Established	Alliance Description
Tenderer				
Sub-Contractor(s)				

SCHEDULE 3 – TENDERER’S BACKGROUND

- 3.1. Tenderers shall set out in this Schedule its company and sub-contractor(s) (if any) profile, including company strengths, organisation structure and management background, details of workshop and branches (in all four districts) and the percentage of local Bruneians working in the company.

SCHEDULE 4 – TENDERER’S TRACK RECORD

4.1. Company Contribution

4.1.1. Tenderers shall complete **Table 4.1** below, with information about the contribution percentages of different companies (which can be the Tenderer, sub-contractor(s), or other manufacturer(s) in the provision of the following project services or items:

(a) Supply and Delivery,

Tenderers shall list the company(s) responsible for the provision of Supply and Delivery of IT equipments, and related services as set out in **Section 2**. Contribution percentage of each company shall be provided based on the relevant number of man-days, service price or cost, over total man-days, service price or cost for Supply and Delivery, and Related Services.

(b) Equipment and Operating System

Tenderers shall list the manufacturer/developer(s) of all the proposed medical equipment and operating system item(s). Contribution percentage of each manufacturer/developer shall be provided based on the relevant equipment or software price/cost over total equipment and operating system price/cost.

(c) Maintenance and Support Services

Tenderers shall list the company(ies) responsible for the provision of Maintenance and Support Services. Contribution percentage of each company shall be provided based on the relevant number of man days, service price or cost, over total man days, service price or cost for Maintenance and Support Services.

4.1.2. The sum of contribution percentages across different companies on a particular project service or item must give a total of 100%.

Table 4.1 Contribution of Companies in %

Ref No.	Company Name	Supply and Delivery	Equipment and Operating System	Maintenance and Support Services
	Tenderer			
	Sub-contractor(s)			
	Other companies/ Manufacturers (if not Tenderer and sub-contractors			
	Total	100%	100%	100%

SCHEDULE 5 – TENDERER’S EMPLOYEES AND THEIR DUTIES

5.1. Project Team Structure

5.1.1. Tenderers shall provide a clear organisation chart to show the project management structure.

5.1.2. Tenderers shall provide a clear organisation chart of the project team. Descriptions shall be provided to show how the project team addresses the technical requirements and how to discharge the Implementation and Related services stated in **Section 2**.

5.2. Project Role and Staffing Arrangement

5.2.1. Tenderers shall provide, in **Table 5.1** below, the following information in respect of each of their project staff designated:

- (a) Name;
- (b) Company to which the project staff belongs;
- (c) Proposed role in this project;
- (d) Terms of Service;
- (e) Language (Spoken); and
- (f) Deployment of staff for this project, including information about estimated effort and estimated schedule of work.

Table 5.1 Project Role and Staffing Arrangement

Name	Company	Language Spoken	IC/Passport No.	Proposed Project Role		Terms of Service		Schedule of Work	
				Team/ Sub-Team	Staff	Full-time/ Part time	Onsite / Local Offsite/ Overseas	Start Date	End Date

SCHEDULE 6 – SOFTWARE

6.1. Software items

6.1.1. Tenderers shall propose in this part all necessary software items that will be:

- Licensed to the Government
- Supplied and supported by the Contractor

These must include Operating System Software and other software running on each of the proposed Equipment. Details of the proposed software items, including product description and version number shall be provided.

6.1.2. Tenderers shall complete **Table 6.1(a)** and **Table 6.1(b)** with all the software items that will be supplied by the Tenderer and licensed to the Government, in performing the functions specified in **Section 2** (including all the essential functions and desirable functions that the Tenderer is committed to offer).

6.1.3. Tenderers shall complete **Table 6.1(a)** and **Table 6.1(b)** with same contents (other than cost-related information), ensuring the two tables correspond with each other.

6.1.4. Tenderers shall:

- (a) Enter 'N/C' (i.e. no charge) where applicable
- (b) Charge annual licence fees, if applicable
- (c) Include all necessary and related components for the installation of the software

Table 6.1(a) Proposed Software Items

Item No	Product/ Version No.	Description	Manufacturer	One-time cost	Annual License Fee
			Total		

Table 6.1(b) Proposed Software Items

Item No	Product/ Version No.	Description	Manufacturer
			Total

SCHEDULE 7 – EQUIPMENTS SPECIFICATION

- 7.1. Tenderers shall complete **Table 7.1(a)** with all the Equipments that will be supplied and implemented by the Tenderer in performing the functions specified in **Section 2** (including all the essential and desirable Equipments and services that the Tenderer is committed to offer).
- 7.2. Tenderers shall also provide specifications of the proposed Equipments to meet the requirements as specified in **Section 2**.
- 7.3. Tenderers shall complete **Table 7.1 (a)** and **Table 7.1(b)** with same contents (other than cost-related information) ensuring the two tables corresponds with each other.

Table 7.1(a) Proposed Equipments

Item No.	Manufacturer	Model / Part No.	Software**	Description	Please fill in where applicable.			
					Outright Purchase Price	Monthly Lease Price	Quarterly Lease Price	7 year Lease Price

Table 7.1(b) Proposed Equipments

Item No.	Manufacturer	Model / Part No.	Software**	Description

** Tenderers shall list all utilities and other software to be installed on the proposed Equipments items as in **Schedule 6 – Software**.

SCHEDULE 8 – IMPLEMENTATION PLAN

8.1 Tenderers shall show the proposed the implementation plan in **Table 8.1**. Tenderers shall propose the appropriate activities and deliverables with reference to **Section 2 – Government Requirements** and shall include any other recommended activities and deliverables in the table. Tenderers shall provide detailed breakdown on each implementation service and activity.

Table 8.1 Implementation Plan

Major Activities/ Tasks	Tentative timeframe (Date)		Estimated Effort (Man days)			Measurement Metrics	Deliverables
	Start	End	Contractor	Govt.	Others (Pls. Specify)		
	Total						

Note: (i) 1 Manday = 8 hours; 1 Man-month = 22.5 Mandays.

SCHEDULE 9 – DOCUMENTATION AND DELIVERABLES

- 9.1 Tenderers shall propose a complete list of documentation that will be provided, including all the documents for the equipment and software specified in **Section 2**.
- 9.2 Tenderers acknowledge that such documentation is subject to the Government's Approval and may be subject to change to meet the Government Requirements.

SCHEDULE 10 – INSTALLATION AND ACCEPTANCE TESTS

- 10.1 Tenderers shall state in this Schedule the Installation and Acceptance Tests (as specified in **Section 2 – Government Requirements** to be performed.
- 10.2 Tenderers shall propose the test approach and the test tools (if any) for conducting the the Installation and Acceptance Tests.
- 10.3 Tenderers shall propose the Installation and Acceptance Tests checklist for the final acceptance subject to approval by the Government.

SCHEDULE 11 – TRAINING PLAN**11.1 Training Plan and Approach**

Tenderers shall describe the training plan and approach, as specified in **Annex 2 Clause 1.2**. These shall include the following:

- a. Overall training methodology and approach, for example, training recommendations so that end-user training can be effectively rolled out within the planned timeframe.
- b. Detailed approach of the course, for example:
 - i. Types of learning modes (e.g. classroom, hands-on assisted training)
 - ii. Types of delivery aids (e.g. presentation slides)
 - iii. Types of course materials
 - iv. Course Contents
 - v. Size per class

11.2 Training Resources

Tenderers shall describe in this Schedule their training resources and facilities.

11.3 Training Courses to be provided by Contractor

11.3.1 Tenderers shall propose in this Schedule the course to be provided and conducted by the Tenderer, as specified in **Annex 2 Clause 1.7**.

11.3.2 The proposed training schedule shall be in line with the detailed implementation plan provided in **Schedule 8 Implementation Plan**.

11.3.3 Tenderers shall complete Table 11.1 using the following guidelines:

Column Heading	Descriptions
Course Title	The title of the course, which shall be clear and self-explanatory for the Ministry of Education's understanding. Where necessary, brief descriptions shall be included.
Course Contents	The topics/sub-topic to be covered during the course
Format	Classroom and hands on (please specify).
Number of Sessions per Course	The number of sessions that trainees need to attend in order to complete the course.
Total Duration (Hours) per Course	Total number of hours that trainees need to attend in order to complete the course.
Proposed Number of Classes	More than one class shall be proposed for a particular course if the number of trainees is large and considered not manageable in one class.
Category of Trainee	Project team member, end user, others (please specify).
Size per Class	Number of trainees per class.
Scheduled Date(s) for each Class	The proposed date(s) for trainees to attend the sessions.
Venue	Venue to be provided by the Contractor, or third-party training centre, unless otherwise required by Government. Please provide details if the venue is to be provided by Contractor or by third-party training centre.

Table 11.1 Training Plan and Details

Course Title	Format	Number of Sessions per Course	Total Duration (Hours) per Course	Proposed Number of Classes	Category of Trainee	Size per Class	Scheduled Date(s) for each Class	Venue

SCHEDULE 12 – STATEMENT OF COMPLIANCE

- 12.1 Tenderers shall indicate their compliance by providing a compliance table in **Table 12.1**, with clause-by-clause including sub-clause by sub-clause statement of compliance corresponding to **Section 2**.
- 12.2 Proposal without this compliance table will be considered incomplete and will be disqualified.
- 12.3 Tenderers shall also indicate their technical compliance by providing a compliance table in **Table 12.2**, with line-by-line statement of technical specifications compliance corresponding to **Annex 2**.

Table 12.1 Statement of Compliance

Section	Sub-section No	Compliance ¹ Yes or No	Remarks ²

Note: **1** Please put “Yes” if complies “No” if not complied
2 Where appropriate, Tenderers shall specify how the requirement will be met in the remarks column

- 12.4 Proposal without the compliance table specified in Table 9.1 will be considered incomplete and shall be disqualified

SCHEDULE 13 – PRICE SUMMARY

13.1 Tenderers shall provide a summary of the aggregate price for the non-recurrent cost, annual recurrent cost and other price information in **Table 13.1**. Tenderers shall ensure the accuracy and consistency with the items proposed in this tender. This Schedule must be completed in full and the price shall be consistent with the prices listed in the following Schedules. In case of discrepancy, this written Schedule document shall prevail.

The charges in **Table 13.1** are for the purpose of total price assessment for this project.

13.2 Items listed in Table 13.1 are guidelines to Tenderers and may not be exhaustive. Tenderers shall ensure the completeness and accuracy of the information provided for a total price assessment. Tenderers shall also include in this schedule the non-recurrent and quarterly recurrent cost of other items.

13.3 Tenderers shall:

- a. Enter 'N/C' (i.e. no charge) where applicable.

Table 13.1 Price Summary

Take note: The Overall Total Pricing for Outright Purchase and Overall Total Pricing for Leasing should be reflected in the Tender Form. (Section 1- Annex 1.3 -For submission in Pricing Proposal)

No	Item Description	OUTRIGHT PURCHASE (2 YEARS WARRANTY)	POST WARRANTY COMPREHENSIVE MAINTENANCE SERVICE	
		Unit Price	3 YEARS AFTER WARRANTY	5 YEARS AFTER WARRANTY
			\$ PER YEAR	\$ PER YEAR
			\$ FOR 3 YEARS	\$ FOR 5 YEARS
	OVERALL TOTAL PRICE FOR UPRIGHT PURCHASE	\$	\$ With 3 Years Post Warranty CMS	\$ With 5 Years Post Warranty CMS

No	Item Description	LEASING PRICE		
		3 YEARS	5 YEARS	7 YEARS
		\$	\$	\$
		PER YEAR	PER YEAR	PER YEAR
		\$	\$	\$
		FOR 3 YEARS	FOR 5 YEARS	FOR 7 YEARS
	OVERALL TOTAL PRICE FOR LEASING			

No	Item Description	LEASE-TO-OWN / LEASE PURCHASE PRICE		
		3 YEARS	5 YEARS	7 YEARS
		\$	\$	\$
		PER YEAR	PER YEAR	PER YEAR
		\$	\$	\$
		FOR 3 YEARS	FOR 5 YEARS	FOR 7 YEARS
	OVERALL TOTAL PRICE FOR LEASE-TO-OWN/ LEASE PURCHASE			

 (Signature & Company Stamp of Tenderer)

Date:

 (Signature & Name of Witness)

Date:

SCHEDULE 14 – DECLARATION FORM

- 14.1 Tenderers are required to make a declaration in the form of the Tenderer's Declaration (Section 3 Annex 3.1). The purpose of the declaration is to prevent incidences of collusion among potential tenderers to this Invitation To Tender.

ANNEX 3.1 – TENDERER’S DECLARATION FORM

PENGAKUAN PENENDER / TENDERER’S DECLARATION

Rujukan Tawaran <i>Tender Reference</i>	KK/??/2023
Tajuk Tawaran <i>Tender Title</i>	THE PROVISION OF LEASING DIGITAL RADIOGRAPHY SYSTEM WITH COMPREHENSIVE MAINTENANCE SERVICES FOR RADIOLOGY DEPARTMENT MINISTRY OF HEALTH FOR A PERIOD OF SEVEN (7) YEARS
Kementerian / Jabatan <i>Ministry / Department</i>	MINISTRY OF HEALTH

Saya/Kami, (Isikan nama setiap pemilik syarikat/pemegang saham di bawah)
I/We (Fill in all the proprietor/shareholders' name below)

Bil. No.	Nama Name	Number Kad Pengenalan Brunei/Passport Antarabangsa / Brunei Identity Card/International Passport Number	Warna Colour	Tandatangan Signature
1				
2				
3				

Beralamat / *Address:*

dengan ini membuat PENGAKUAN seperti berikut / *make the following DECLARATION:*

1. Saya/Kami yang bernama diatas, adalah pemilik berdaftar sebuah Firma yang bernama
I/We as the name stated above, a registered proprietor of

(isikan nama Firma / *fill in the firm's name*)
dengan alamat perniagaan di, *with its place of business at*

(atau / *or*)
adalah pemegang saham dalam sebuah Syarikat yang bernama / *a shareholder in a Company,*

dengan alamat berdaftar di / *having its registered address at*

yang telah menghadapkan Tawaran untuk projek yang disebutkan di atas;
which has submitted a Tender Proposal in the above mentioned project;

2. ⁱⁱⁱ**Saya/Kami tidak memiliki Firma (Firma-Firma) / Syarikat (Syarikat-Syarikat) lain;** (sila lihat nota 3 dan 4 dibawah dan potong jika tidak berkenaan).
I/We do not own any other firm(s) / Company(ies); (see notes 3 and 4 below and delete where appropriate).
3. ^{iv}**Saya/Kami adalah juga pemilik / pemegang saham dalam senarai Firma (Firma-Firma) / Syarikat (Syarikat-Syarikat) yang dinyatakan dalam Lampiran 1.**
I/We also the proprietor / shareholder in the list of firm(s) / Company(ies) described at Annex 1.

DAN saya/kami selanjutnya membuat PENGAKUAN bahawa sepanjang pengetahuan saya/kami, Firma (Firma-Firma) / Syarikat (Syarikat-Syarikat) saya/kami yang dinyatakan dalam Lampiran 1 ini, tidak mengemukakan Tawaran untuk projek yang disebutkan diatas.
AND I/We further DECLARE that to the best of my/our knowledge, none of my/our other firm(s) / Company(ies) set out in Annex 1, have submitted a Tender Proposal for this project.

4. Saya/Kami juga membuat PENGAKUAN selanjutnya:
I/We also hereby DECLARE:
- a. bahawa sepanjang pengetahuan saya/kami, isteri/suami saya/kami atau Firma (Firma-Firma) / Syarikat (Syarikat-Syarikat) kepunyaan isteri/suami saya/kami tidak menghadapkan Tawaran untuk projek yang disebutkan diatas; dan
that to the best my/our knowledge neither my/our spouse or his/her firm(s) / Company(ies) have submitted a Tender Proposal for the above mentioned project; and
 - b. bahawa saya/kami tidak berpakat sulit dengan Firma (Firma-Firma) / Syarikat (Syarikat-Syarikat) atau dengan sesiapa dalam menghadapkan Tawaran untuk projek yang disebutkan diatas.
that I/We not colluded with any other firm(s) / Company(ies) or any other person or entity in submitting the Tender Proposal for the above mentioned project.
5. [^]Saya/Kami seterusnya membuat PENGAKUAN bahawa pemilik-pemilik, Ketua Pegawai Eksekutif dan Pengarah-Pengarah Syarikat yang turut serta dalam tawaran ini bukan dari kalangan pegawai awam yang berkhidmat dengan Kerajaan Kebawah Duli Yang Maha Mulia Paduka Seri Baginda Sultan dan Yang Di-Pertuan Negara Brunei Darussalam.
I/We also DECLARE that neither I nor the other owners of, or the Chief Executive Officer and Directors, as the case may be, of the entity participating in this tender, is/are public officer of the Government of His Majesty The Sultan and Yang Di-Pertuan of Negara Brunei Darussalam.
- (Atau / Or)
- Saya/Kami sedang berkhidmat dengan Kerajaan Kebawah Duli Yang Maha Mulia Paduka Seri Baginda Sultan dan Yang Di-Pertuan Negara Brunei Darussalam dan sukacita **disertakan surat kebenaran untuk berniaga daripada Jabatan Perdana Menteri.**
I/We DECLARE that I am/We are public officers and enclose herewith the letter of approval to engage in business issued by the Prime Minister's Office.
6. Saya/Kami menyedari sepenuhnya, jika saya/kami memberi maklumat yang palsu bagi pengakuan ini, saya/kami akan melakukan kesalahan yang boleh didakwa dibawah Kanun Jenayah Bab 182 yang disertakan di Lampiran 1.
I/we fully aware that if I/We gave any information which is false, I/We committing offence for which I/We liable to prosecution under the Penal Code. I/We also aware of Section 182 of the Penal Code reproduced below in Annex 1.
7. Saya/Kami juga difahamkan bahawa Firma / Syarikat saya/kami tidak akan dipertimbangkan bagi mengikuti Tawaran projek ini sekiranya sebarang maklumat dalam pengakuan ini tidak benar.
I/We also understand that my/our Firm / Company will be disqualified for this tender in the event any information given herein is found to be false.

8. Saya/Kami memberi kuasa kepada _____ untuk menandatangani surat pengakuan ini sebagai pihak saya/kami sendiri dan sebagai wakil saya/kami untuk mengikat saya/kami dan Penender kepada perkara-perkara yang dinyatakan dalam Surat Pengakuan ini.

*I/We hereby authorize _____ To sign this Tenderer's Declaration
On my/our behalf and also on behalf of the Tenderer to bind ourselves and the Tenderer to the matters set out in this declaration.*

Pada hari ini _____ haribulan _____ 20 _____
Dated this day _____ of _____ 20 _____

(Tandatangan Pemilik Syarikat / CEO / Pengarah)
(Signature of The Owner of Company / CEO / Director)

^v (Nama Pemilik Syarikat / CEO / Pengarah)
(Name of The Owner of Company / CEO / Director)

(Cop Syarikat)
(Company Stamp)

ⁱ Masukan disini jika orang yang membuat pengakuan adalah pemilik atau adalah seorang pemilik berdaftar Syarikat atau Nama Perniagaan.

Fill in here if an Owner of a Business Name.

ⁱⁱ Masukan disini jika orang yang membuat pengakuan adalah pemegang saham dalam sebuah Syarikat (Sdn Bhd).

Fill in here if a shareholder in a Company (Sdn Bhd).

ⁱⁱⁱ Potong perenggan 3 jika orang yang membuat pengakuan TIDAK memiliki Firma-Firma / Syarikat-Syarikat lain.

If you DO NOT own other Firms / Companies, please delete paragraph 3.

^{iv} Potong perenggan 2 jika orang yang membuat pengakuan adalah pemilik atau pemegang saham dalam Firma-Firma / Syarikat-Syarikat lain.

If you the Owner or Shareholder of other Firms / Companies, please delete paragraph 2.

^v Hendaklah ditandatangani oleh Pemilik syarikat atau Ketua Pegawai Eksekutif atau Pengarah.

Must be signed by the Owner of the Company or CEO or Director.

Mengikut perenggan 3 dalam pengakuan di atas, saya/kami menghadapkan senarai Firma (Firma-Firma) yang saya/kami menjadi pemiliknya seperti berikut:

Pursuant to paragraph 3 of the above declaration, I/We submit the following list of Firm(s) which I/We the proprietor of:

No	Nama/Name	Firma/Firm
1		
2		
3		

Mengikut perenggan 3 dalam pengakuan di atas, saya/kami menghadapkan senarai Syarikat (Syarikat-Syarikat Sendirian Berhad) yang saya/kami menjadi pemiliknya seperti berikut:

Pursuant to paragraph 3 of the above declaration, I/We submit the following list of Company(ies) which I/We a shareholder of:

No	Nama/Name	Syarikat/Company
1		
2		
3		

Bab 182 Kanun Hukuman Jenayah (Penggali 22 Undang-Undang Negara Brunei Darussalam)
Sections 182 of the Penal Code (Cap 22 of the Laws of Brunei)

182. Barang siapa memberi kepada seseorang pegawai awam apa-apa maklumat yang diketahui atau dipercayai sebagai palsu, dengan maksud menyebabkan, atau dengan mengetahui bahawa kemungkinan akan menyebabkan pegawai awam tersebut:-
Whoever gives to any public servant any information which he knows or believes to be false, intending thereby to cause, or knowing it likely that he will thereby cause, such public servant:-

- a) Melakukan atau meninggalkan apa-apa perkara yang pegawai awam itu seharusnya tidak melakukan atau tidak meninggalkan sekiranya keadaan yang sebenar, berkenaan dengan hal yang dimaklumkan itu, telah diketahui; atau
To do or omit anything which such public servant ought not to do or omit if the true state of facts respecting which such information is given were known by him; or
- b) Menggunakan kuasanya yang sah disisi undang-undang yang mendatangkan kecederaan atau gangguan kepada seseorang.
to use the lawful power of such public officer to the injury or annoyance of any person.

Akan menerima hukuman penjara sehingga 6 bulan atau didenda sebanyak \$4,000.00 atau dengan kedua-duanya.
Shall be punished with imprisonment of either description for a term which may extend to 6 months, or with fine which may extend to \$4,000.00 or with both.

Pengakuan Penender.
Tenderer's Declaration

ANNEX 3.2 – TENDER FORM (TECHNICAL PROPOSAL)

**TENDER FORM
(FOR SUBMISSION IN TECHNICAL PROPOSAL ENVELOPE)**

Date : _____

**TO: THE CHAIRMAN
MINI TENDER BOARD
MINISTRY OF HEALTH
COMMONWEALTH DRIVE
JLN MENTERI BESAR
BANDAR SERI BEGAWAN BB 3910
BRUNEI DARUSSALAM**

Sir,

Having examined the documents comprised in the Invitation To Tender, the receipt of which is hereby duly acknowledged, we, the undersigned, offer for **The Provision of Leasing Digital Radiography System with Comprehensive Maintenance Services for Radiology Department Ministry of Health for a period of Seven (7) years** in conformity with the said Requirements and Schedules in the sum stated and sealed in a separate envelope marked "**Pricing Proposal**".

We agree to abide by this Tender for a period of **TWELVE (12) months** from the deadline for submission of tender and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

We shall execute a formal agreement in the appropriate form set out in the Tender Document together with such further terms and conditions, if any, agreed upon between the Government and us.

We understand that you are not bound to accept the lowest or any Tender you may receive.

Dated this _____ days of _____ 20 _____

Signature

(In the Capacity of)

Duly Authorised to sign Tender for and on behalf of

Witness

Address

Signature

ANNEX 3.3 – TENDER FORM (PRICING PROPOSAL)

**TENDER FORM
(FOR SUBMISSION IN PRICING PROPOSAL ENVELOPE)**

Date : _____

**TO: THE CHAIRMAN
MINI TENDER BOARD
MINISTRY OF HEALTH
COMMONWEALTH DRIVE
JLN MENTERI BESAR
BANDAR SERI BEGAWAN BB 3910
BRUNEI DARUSSALAM**

Sir,

Having examined the documents comprised in the Invitation To Tender, the receipt of which is hereby duly acknowledged, we, the undersigned, offer for **The Provision of Leasing Digital Radiography System with Comprehensive Maintenance Services for Radiology Department Ministry of Health for a period of Seven (7) years** in conformity with the said Requirements and Schedules for the sum of

(Total amount in words and figures)

We agree to abide by this Tender for a period of **TWELVE (12) months** from the deadline for submission of tender and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

We shall execute a formal agreement in the appropriate form set out in the Tender Document together with such further terms and conditions, if any, agreed upon between the Government and us.

We understand that you are not bound to accept the lowest or any Tender you may receive.

Dated this _____ days of _____ 20 _____

Signature

(In the Capacity of)

Duly Authorised to sign Tender for and on behalf of

Witness _____

Address _____

Signature _____