

E-Tender Form

(E-Tender enquiry for procurement of CT Simulator on turnkey basis for Tertiary Cancer Care Center Fazilka (Punjab)

Tender Notification No :	To be provided by the E-procurement portal of the Govt. of Punjab.		
Requirement	E-Tender notice for procurement of CT Simulator on turnkey basis for Tertiary Cancer Care Center Fazilka (Punjab)		
Cost of the tender document:-	Rs.2360/- (Non-refundable) to be deposited through Online Mode Only in favor of Registrar, Baba Farid University of Health Sciences, Faridkot.		
Tender Processing Fee	To be charged by Govt. of Punjab as per its norms. (Non- refundable)		
Earnest Money Deposit (EMD)	Rs. 20,00,000/- (Twenty Lacs Only). The Earnest Money Deposit must be submitted in the shape of Online Payment on eprocurement portal on or before due date (Refundable to the Non-successful bidders, without any type of interest or other charges). In case of successful tenderer, it will be returned after receipt of the security amount as per tender terms and conditions.		
Date of start of downloading of tender documents	Immediately from the website of the Punjab Government i.e. https://eproc.punjab.gov.in		
Website for downloading of the tender document:-	https://eproc.punjab.gov.in However, the details may also be obtained from the University website i.e. www.bfuhs.ac.in		
Date time and place of Pre-bid Conference	02.01.2024 at 11.30 AM in the Committee Room, Baba Farid University of Health Sciences, Sadiq Road, Faridkot		
Last date for downloading of the tender document:-	17.01.2024 up to 12.30 pm		
Last date & time for uploading of the tender documents:-	17.01.2024 up to 1.30 pm (through online mode only)		
Date, time and venue for opening of the Technical Bids	Technical Bids shall be opened online through e-procurement site of the Government of Punjab i.e. https://eproc.punjab.gov.in on any working day after due permission of the competent authority.		
Date, time and venue for opening of the Price Bids	Financial Bid of the technically qualified bidders shall be opened online through e-procurement site of the Government of Punjab i.e. https://eproc.punjab.gov.in on any working day		
Who can be contacted for obtaining more information about the tender.	The Registrar, Baba Farid University of Health Sciences, Sadiq Road, Faridkot (Punjab) PIN-151203.		
	Sr. No.	Nature of Information	Name of the concerned Official with contact No:-
	1	About the tenders and allied information:-	Incharge, University Procurement & Facility Department, Baba Farid University of Health Sciences, Faridkot. Phone:- 01639-250267, 256232, 256236, Email id:- upfdbfuhs@gmail.com (on all working days from 9.00 a.m. to 5.00 p.m.)

NOTICE INVITING E-TENDER

E-Tenders are invited on or before **17.01.2024** from the Original Equipment Manufacturers (OEM) or their established, reputed and experienced authorized dealer/distributor **for procurement of CT Simulator on Turnkey basis for Tertiary Cancer Care Center Fazilka (Punjab).** The tender document containing detailed terms & conditions may be downloaded from the E-procurement website of the Punjab Government i.e. <https://eproc.punjab.gov.in> and its detail may also be seen at the University website www.bfuhs.ac.in.

TERMS AND CONDITIONS:-

1. The tender must be uploaded on or before the last date/ time of the submission of tender.
2. The Tender processing fee should be submitted through Net Banking/Credit card/Online mode only and as per Punjab Govt.
3. Technical Bids shall be opened online through e-procurement site of the Government of Punjab i.e. <https://eproc.punjab.gov.in> on any working day after due permission of the competent authority.
4. Financial Bid of the technically qualified bidders shall be opened online through e-procurement site of the Government of Punjab i.e. <https://eproc.punjab.gov.in> on any working day
5. The Registrar reserves all rights to accept or reject any or all the tenders without assigning any reason.
6. **A Pre-Bid Conference** will be held on **02.01.2024** at 11.30 AM in committee Room, Baba Farid University of Health Sciences, Faridkot. *Any prospective bidder can attend the pre-bid conference to seek any clarifications about the tender. The proceedings of the pre bid conference will only be uploaded on the website <https://eproc.punjab.gov.in> and will form integral part of this tender document. Any clarifications/ Modifications/ Changes notified during the pre-bid conference will be mandatory and binding.*
7. Corrigendum/Addendum/Corrections, if only will be published on the Website <https://eproc.punjab.gov.in>

Registrar

INSTRUCTIONS/ GUIDELINES TO THE TENDERERS

1. The bidder needs to register himself/ herself on <https://eproc.punjab.gov.in> the bidder is also required to obtain Class III digital signature certificates to complete this process.
2. Please download the Tender document from the website of e-procurement of the Govt. of Punjab <https://eproc.punjab.gov.in> Please fill all the relevant blanks on all the pages of the tender document sign along with a stamp/ seal all pages and then a scanned copy of the same may be uploaded on the website at the time of submission of the tender document.
3. **It should be clearly noted that this tender will be accepted though e-tender mode only.**
The tenders submitted through offline mode will not be accepted under any circumstances.
4. **Tender Fee :** as per Govt. and should be deposited through online mode only
5. **Tender Processing Fee:** as per Punjab Govt. (non-refundable) may be deposited through online mode i.e. Net Banking/ Credit Card/ Debit Card only. The tender processing fee will not be accepted through any other mode.
6. **Refundable Earnest Money Deposit (EMD):** EMD to be deposited online mode only in favor of Registrar Baba Farid University of Health Sciences, Faridkot.
7. **Upload** signed copy of Technical Bid Compliance Statement (**Annexure-I**).
8. **Upload** an affidavit regarding Non-Black listing as per proforma given at **Annexure-II** duly attested by an Executive Magistrate or a Notary Public.
9. In case the Bidder is Authorized Supplier/Agency, the Authorization Certificate as per the Format given at **Annexure-‘III’** (duly filled in), **to be uploaded.**
10. In case the Bidder is Authorized Supplier/Agency, an undertaking/certificate issued by their Principal Manufacturer/Supplier that in case dealership/distributorship is withdrawn after supply of the Equipments then the Principal Manufacturer/Supplier will be responsible for Guarantee/Warranty/AMC/CMC of the Equipments/Equipments. (**Annexure – ‘IV’**), **to be uploaded.**
11. **Upload** details of Bank Account for refund of EMD (**Annexure – V**).
12. In addition to this, following **documents are to be uploaded** with Technical Bid:-
 - i) Details of registration as Company /Firm/ Establishment.
 - ii) **Standard Certification must be uploaded.**
 - iii) Copy of Certificate of Registration for service Tax/TIN/TAN/PAN/VAT.
 - iv) A certificate from C.A. regarding Annual Turnover with Balance Sheet for the last 3 (three) financial years i.e. 2020-21, 2021-22 & 2022-23 uploaded.
 - v) Copy of the IT Returns for three financial years i.e. 2020-21, 2021-22 & 2022-23 uploaded.
15. Price should be quoted and **uploaded** only in Excel Sheet proforma at **Annexure-‘VI’**.

SCOPE OF SUPPLY

Sr.	Name of Equipment	Approx. Qty. Reqd.	Earnest Money to be Submitted (in Rs.)
1	CT Simulator	01	20,00,000/-

Make and Model No. must be quoted in Technical bid.

TECHNICAL SPECIFICATIONS

Technical specification for purchase of 4D CT simulator with Latest Model

1. CT SIMULATOR
1. MANDATORY REQUIREMENTS
1.1. The unit should have FDA approval, CE and ISO Certification
1.2. In addition, the quoted model should be NOC/ type approved by AERB
1.3. FDA certificate & AERB Approval Certificate should be enclosed with the technical bid.
1.4 The unit should be the latest model available globally.
2. GENERAL REQUIREMENTS
2.1. The quoted model should be a dedicated CT-Simulator which is required for Radiotherapy Department for conventional, 3-D CRT, IMRT/IGRT and VMAT planning. The CT-Simulator should be able to use for most accurate simulation , placement of Treatment fields and marking of radiation field portals on patients skin for radiation therapy of cancer.
2.2. The quoted model should be the latest, state-of-the-art model.
2.3. The CT scanner should be a spiral, 16-slice or more multi-detector technology incorporating latest technology available in the market.
2.4. The simulator software should be user-friendly and should be easy, error-free and should have total compatibility between scanner and simulator workstation. If third-party software is supplied, it will be the sole responsibility of the vendor supplying the CT-Simulator to run the software seamlessly.
2.5. The system should be able to integrate the Virtual simulation software on control workstation to the 3D Treatment Planning System and the High Energy Linear Accelerator and this will be entirely and direct responsibility of the CT-Simulator Vendor. Co-ordination should be done by the supplier .Compatibility should be complete in all respects.
3. CT-SCANNER SPECIFICATION
3.1. GENERAL: The quoted model should be a whole body spiral, 16-slice or more CT (multi-detector) with flat table and other accessories for Radiotherapy Treatment Planning and Simulation.
3.2. GANTRY
3.2.1. Gantry aperture should be adequate enough to plan all types of RT planning with patients in Their actual treatment position. Hence larger aperture of more than or equal to 80 cm should be provided.
3.2.2. Scan Field of View should be 50 cm or more. Extended Field of View should be equal to the bore width to facilitate obese patient scanning and contouring.
3.2.3. Metal-free scan able range should be at least 150 cm
3.2.4. Gantry must have inbuilt laser-positioning lights.
3.3. X-RAY GENERATOR
3.3.1. High frequency x-ray generator with power rating of at least 70 kW or more
3.4. X-RAY TUBE
3.4.1. The x-ray tube should have anode heat storage capacity of 5 MHU or more
3.4.2. The anode peak heat dissipation rate should be 1500k HU/ min or more.
3.4.3. X-ray tube should have single/dual focal spot.
3.4.4. There should be at least 5 kV settings available over a range of 80 kV to 140 kV or better.
3.4.5. The mA range must be from 20 mA to 600 mA or more, with step size of 5 mA or better.
3.5.1. The detector system should be a high-performance, low-noise, high data density, active response data acquisition system

3.5.2.	The detectors should be solid state.
3.5.3.	The detector system should be free from repeated calibrations
3.5.4.	The detector system should be able to produce two data sets of image generation per rotation.
3.6.	PATIENT COUCH
3.6.1.	The couch top material must be carbon fiber, having horizontal moving range of 150 cm or more.
3.6.2.	The table should be universally flat with flat tabletop. The table should be TG-66 compliant with carbon fibre flat table top.
3.6.3.	The table should be compatible with the tables of High Energy Linear Accelerator.
3.6.4.	The table should have patient positioning index system on carbon fiber tabletop. 2 Index rods have to be supplied for positioning of Immobilization devices.
3.6.5.	The table should be able to bear weight up to 200 kg or more and table top should adhere to IEC60601 guidelines.
3.6.6.	The table should have metal free range of about 150cm and should have can able horizontal range of 150 cm.
3.6.7.	The horizontal accuracy should be ± 1 mm or less.
3.6.8.	It should be possible to move the table top from the table side and control console and hand pendant.
3.6.9.	The table should have auto-home facility
3.6.10.	Gantry tilt should have control both from gantry and from control console.
3.7.	CONTROL CONSOLE/ simulation work station
3.7.1.	It should have 19" or more medical grade monitor for display of 1024 x 1024 matrix or more
3.7.2.	All functions viz., scanning, image reconstruction, film documentation, MPR, CT maximum intensity projection, 3D with SSD etc., should be possible from main console and workstation.
3.7.3.	Image storage (internal/ external) 700 GB or more for at least 500,000 images in 512 x 512 matrixes uncompressed or better. The latest configuration may be quoted with additional storage 5 TB (1TB each)
3.7.4.	Latest fast DVD R/RW facility for archiving must be available
3.7.5.	The image reconstruction time should be less than 1.5 second from any mode.
3.7.6.	Automatic Contrast Injector System with automatic contrast controller connected to injector.
3.8.	CT-SCANNING PARAMETERS
3.8.1.	The slice thickness should be user-selectable from 0.6 mm to 10 mm.
3.8.2.	kV range: 80 to 140 kV
3.8.3.	mA range: 20 to 600 mA in increment of 5 mA
3.8.4.	Scan time for full 360 degree rotation should be 0.5 second or less
3.8.5.	Scan field view should be 50 cm or more
3.8.6.	Display field of view should be 50 cm or more
3.8.7.	Intra-Plan delay of 5 seconds or less should be possible
3.8.8.	Retrospective reconstruction should be possible on raw data files with change in parameter such as FOV
3.8.9.	The following scanning modes should be possible:
3.8.9.1.	Scann-o-gram
3.8.9.2.	Axial
3.8.9.3.	Spiral
3.8.9.4.	It should be possible to mix spiral and axial modes.
3.8.10.	It must be possible to obtain the Scann o gram for AP or PA or left-to-right or right-to-left directions
3.8.11.	The accuracy of slice prescription from Scann o gram should be ± 0.5 mm or better.
3.8.12.	The Scann o gram length should be more than 1500 mm long and 500 mm wide.

3.9. IMAGE QUALITY

- 3.9.1. The reconstruction matrix must be 512 x 512 or higher.
- 3.9.2. The reconstruction time should be as less as possible. Specify the reconstruction time.
- 3.9.3. Simultaneous scanning and reconstruction should be possible. It should be possible to do:
 - Simultaneous scanning & routing analysis
 - Simultaneous scanning & archiving and/or hard copying,
 - Simultaneous scanning and transfer to second console /workstation.
- 3.9.5. The system must have automatic mA control software that automatically adjusts mA for patient size; adjust mA along the z-axis, modulates mA during rotation.
- 3.9.5. High contrast Spatial Resolution: It should be in terms of 15 Lp/cm maximum (desireable) at 2% MTF for a slice of 1 cm thickness. Clearly specify the phantom used, scan time, mA, filter for image reconstruction, scan field, dose and MTF. Phantom should be supplied – CAT PHAN Phantom or equivalent should be provided
- 3.9.6. Low contrast detectability 5 mm or less with 10 cm slice thickness on CATPHAN phantom.
- 3.9.7. The CT number accuracy must be better than ± 4 HU for water and ± 10 HU for air.
- 3.9.8. Spiral parameters: Different selection of pitch should be possible, from 0.5 to 3, in 0.1 increments.
- 3.9.9. Inter scan delay in different group of spiral should not be more than 5 seconds.

3.10. COMPUTER SYSTEM OF CT-SCANNER

- 3.10.1. A very high-end main computer system, latest available in the market must be provided. The system must have two processors (parallel).
- 3.10.2. RAM size must be at least 16GB or extendable upto 32 GB
- 3.10.4. The hard disk capacity of the main computer system must be at least 750 GB or more.
- 3.10.5. In the hard disk meant for image storage, the number of uncompressed 512 x 512 images that can be stored should be at least 6,00,000 or more. The maximum possible hard disk capacity must be provided.
- 3.10.6. For archiving, DVD writer should be provided. The images should be able to convert to JPEG/MEPG to be recorded on to recordable CD and DVD.
- 3.10.7. Please supply 1000 DVDs.
- 3.10.8. The CT simulator system should be fully DICOM compliant. The DICOM should support the following:
 - DICOM 3.0 or higher Print and service class as a user
 - DICOM 3.0 Storage class as a user.
 - DICOM 3.0 Storage class as a provider.
 - DICOM 3.0 Send/Receive.
 - DICOM 3.0 Query/Retrieve service class as a user.
 - DICOM 3.0 Query/Retrieve service class as a provider.
- 3.10.9. DICOM compliance statement must be provided.
- 3.10.10. A bi-directional speaker communication must be provided between the operator and the patient.

3.11. STANDARD SOFTWARES

- 3.11.1. Complete scanning and evaluation software.
- 3.11.2. 3-D surface shaded and 3-D volume rendering.
- 3.11.3. Quantitative CT measurement tools should be provided.
- 3.11.4. 3-D small volume analysis software for solitary nodules is desirable.
- 3.11.5. 4D scanning facility: 4D CT scan software interface should be provided & the same must be compatible with any commercially available 4D gating hardware & should be compatible with various Linear accelerator models.. The 4D gating hardware is to be quoted as an optional item.

4. LASER SYSTEM (Moving lasers)
4.1. The CT simulator should have at least 2 fixed 1 moving Red lasers for marking field reference points.
4.2. In addition to the above movable lasers the CT scanner should have conventional in-built lasers for positioning the patient.
5. DATA IMPORT /EXPORT
5.1. System should be able to export image, volume and plan data in DICOM 3.0 standard along with all radiotherapy specific data and private objects, DICOM-RT plans and data sets.
5.2. System should be able to import DICOM-RT data to the linear accelerator of any vendor.
5.3. The CT simulation system should be fully integrated with the available TPS .The vendor should inspect and will be responsible for complete integration.
5.4. All import and export licenses should be provided.
5.5. It should be possible to rotate 3-D models on the screen and export the display output as an AVI file on the CD so that it can be viewed on any PC.
5.6. The entire CT simulation system must be interconnected (all the workstations, laser system, printers, etc.) and must be integrated in to the linear accelerator systems and brachytherapy system for smooth transferring of images and DICOM-RT structures. The vendor shall inspect the facilities and shall be responsible for complete integration.
6. DOCUMENTATION & ARCHIVING
6.1. Should be on a color dye sublimation or alternative.
6.2. Suitable and economic printer to be supplied along with the system.
6.3. DICOM print should be possible.
6.4. Archiving should be on DVD in DICOM format.
7. MEASUREMENT PACKAGE
7.1. The software should provide the density value (in Hounsfield Unit) of a particular point on an image. It should compute distance along straight lines and curved lines, angle between the lines, and radius of curvature for curves.
7.2. For specific region of interest (ROI) the area, minimum and maximum voxel values, mean and standard distribution and a density histogram should be available.
7.3 The software should be able to calculate the volume of a displayed 3-D object.
8. IMAGE MANIPULATION
8.1. Different kinds of image manipulation features should be available like multi planar reconstruction and curved reformatting.
8.2. 3-D reconstruction with no waiting for reprocessing
9. ENVIRONMENTAL FACTORS
9.1.1 Room planned and constructed as per AERB guidelines (to be provided by the buyer)

9.1.2.	Air conditioning and monitoring of temperature and relative humidity and air changes (to specify number per hour) to be installed by the buyer.
9.1.3.	The unit shall be capable of being stored continuously in ambient temperature of 0 to 50 degree Celsius and relative humidity of 15 to 90%.
9.1.4.	The unit shall be capable of operating in ambient temperature of 20 to 30 degree Celsius and relative humidity of less than 70%.
9.2.	The unit shall meet IEC-60601-1-2:2001(or equivalent BIS) General Requirements of Safety For Electromagnetic Compatibility or should comply with 89/366/EEC; EMC-directive.
9.3	POWER SUPPLY
9.3.1.	Should work on three phase 200 to 220 volts/50 Hertz Power.
9.3.2.	Online UPS of suitable rating should be supplied for the complete system including gantry, Computer system with at least 30 minutes back up.
9.3.3.	Reset-table over-current breaker shall be fitted for protection.
10.	TRAINING
10.1.	The vendor should provide comprehensive training by application specialist for the CT simulator at the site on installation and to full satisfaction of the Head, Department of Radiotherapy. The training period should be atleast for 2 weeks.
10.2	One week training at a reputed centre where similar model is used within the country for Two Oncologists, two Physicist and two Technologist.
11.	CT-SIMULATION WORKSTATION .
11.1.	GENERAL
1.	One CT simulation workstations must be provided.
2.	The workstation should have advanced CT simulation tools for radiation therapy treatment planning compatible with the LINAC.
3.	The workstation should be able to provide complete volume definition and geometric beam placement for radiotherapy.
4.	It should have complete compatibility and error-free DICOM networking with a CT scanner computer and with TPS. All licenses required for DICOM 3 and DICOM RT (RT Plan, RT Structure, RT Dose) import and export to other Treatment planning systems (including Third Party) and workstations (including Laser Workstation for beam marking) should be permanent and included in the offer.
5.	The CT simulation Should generate digitally reconstructed radiographs(DRRs)in a true volumetric environment.
6.	It should be possible to overlay the beams on any DRRs or on any slice (obtained and reconstructed).
7.	It should be possible to load over 250 CT images per patient for reconstruction and simulation.
6	Visualization of beam entry on patients' skin should be possible.
9.	SSD calculation should be available.
10.	Facility to display BEV on an MPR (including oblique MPR) with fields displayed divergently and mark the shape of Multi-Leaf Collimators of a plan on the patient body.
11.	Automatic conforming to treatment fields.
11.2.	HARDWARE
11.2.1.	Hardware specification should be mentioned clearly.

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| 11.2.2. | The system should be running on a high-end workstation platform of reputed brand like Sun Microsystems/HP workstation/Dell/Silicon Graphics with at least 8 GB RAM or more. Minimum 256 bits processor with 1 Terabyte(TB) hard disk or more. |
| 11.2.3. | The user interface should be windows based and menu driven. |
| 11.2.4. | Display should be on a 19" high-resolution color LED monitor with a high resolution of 1408 x1024 pixels or better. |
| 11.2.5. | A compatible internal/external modem should be provided for remote diagnostic sand updates. |
| 11.2.6. | The latest archiving media should be provided. |
| 11.2.7. | Networking with TPS: All the software with licenses required should be included. Complete DICOM-RT export/import license should be available. |
| 11.2.8. | Laser printer possible to print A4 and smaller size paper should be Provided. |
| 11.2.9. | It should be possible to take printouts on this printer from any of the CT simulation workstation. |

11.3. SOFTWARE

Kindly provide

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| 11.3.1. | CT-based 3D simulation |
| 11.3.2. | Windows based platform |
| 11.3.3. | Windows based platform |
| 11.3.4. | Provision to configure MLC based Teletherapy machines |
| 11.3.5. | DRR & 3D reconstruction |
| 11.3.6 | Field size DRR |
| 11.3.7. | Asymmetric collimators |
| 11.3.8. | Rendering in various planes |
| 11.3.9. | Beams eye view (BEV) |
| 11.3.10. | DICOM-RT & DICOM3 ready |
| 11.3.11. | Interface to lasers |

12. Essential Accessories to be Included.

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| 12.1 | Sets of patient positioning accessories namely head holder positioning kit, mattresses (for diagnostics procedures) must be provided. |
| 12.2 | UPS: On line UPS with MF batteries for the backup of the entire system for at least 30 minutes. |
| 12.3 | Dry Chemistry LASER Imager: Resolution 16 bites/500 dpi or more and support multiple film sizes. It shall be DICOM 3.0 compatible Dry Laser Camera to be provided. |
| 12.4 | lead glass to be provided of size 1500mm * 1000 mm as per site, Light weight Lead apron-2 Nos with stand, Lead Goggles-2 Nos, lead Gloves-2 pairs, Gonads shield-2 and eye shield-2 sets. |
| 12.5 | Pressure injector: CT compatible pressure injector with remote console 100 disposable syringes. |
| 12.6 | Non metallic CT markers |

13. General Terms & Conditions
13.1 The vendor shall list the number of their CT-simulator installation/user in India.
13.2 All claims regarding meetings the specification should be duly supported by appropriate, latest technical catalogues/brouchers from the manufacturer.
13.3 Penalty clause: penalty at the rate of rs 10,000 per day for short falling of 95% uptime guarantee. If the machine lines non-functional for a period of more than two weeks continuously, the same penalty will be imposed even if 95% uptime clause is met with.
14. Miscellaneous
14.1 The CT Simulator room shall be provided with wall-mounted storage cupboards within CT simulator room: to store: phantoms, QA Items, CT simulator accessories.
14.2 Sufficient number of open Racks of high Quality vendors should be provided to house the immobilization materials: within CT simulator room.
14.3 The CONSOLE room shall be provided with wall mounted storage cupboards with MDF laminate shutters: to be fixed on the wall above the workstation(approx.1800mm length 750 mm height:300mm depth).
15. Furniture
15.1 Revolving chairs height adjustable, medium-back with hand-rest for console room, TPS room-12 Nos.
15.2 Workstation/Tables for console room & TPS room: the console room and TPS room should be provided with suitable workstations of reputed brand, to accommodate the various Terminals in nconsole room, TPS Room. The workstation shall be providing with enough power sockets, LAN sockets etc, to enable smooth functioning of the CT simulator and TPS.
15.3 Bookshelves: Four-door bookcase with glass doors, height approx 170mm: to store manuals: CD/DVDs,spares etc-4 Nos.
15.4 Shoes rack-2 Nos.
15.5 Price guarantee: the supplier shall also give a commitment that the price quoted for the equipment in the tender is the minimum price quoted to any institution in the country for similar terms & conditions: whether Government semi-government autonomous or non-government: in the recent times (preceding six months) and shall remain so far at least the next six months subjects to variations in the foreign exchange rates, if applicable.
Commercial
1. PBG submission period should be minimum 30 days.
2. Delivery and installation period should be 160 days and it should be linked with opening of confirmed and irrevocable letter of credit.
3. Customs duty reimbursement on actual should be specified.

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E-TENDER NOTICE FOR supply & installation of CT Simulator on turnkey basis for Tertiary Cancer Care Center Fazilka (Punjab).

TURN KEY WORK:

After inspecting the site company should quote its price for the proposed turnkey work.

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- a. Turnkey should include
 - Planning
 - Installation and commissioning of the machine with all accessories mentioned.
 - All work related to flooring, Electrical, Air-Conditioning, Furniture, AERB sign board etc as per AERB norms. Bidders are suggested to visit the site prior to submit bids.
- b. The supplier will be responsible for obtaining various permissions from AERB.
- c. All turnkey work proposed by the selected firm will require the approval of competent authorities of the institute before implementation.

When quoting the price, the company can inspect the site for clarity about various works under turnkey.

When quoting the price, the company can inspect the site wherever turnkey is involved.

After completion of 5 years warranty, 5 years of CAMC will start which will cover entire CT Simulator alongwith accessories including turnkey work.

NOTE: -

- Compliance report to be submitted in a tabulated and point-wise manner (as per technical specifications), clearly mentioning the page/ para number with authenticated catalogue / manual, without which it will not be considered. Points not covered in the brochure must be specifically addressed in a separate certificate.
 - User list from Govt sector and good reputed private hospitals should be provided.
 - Certificate (s) regarding standard in quality must be uploaded.
 - Expected delivery & Installation time: Within 160 days after issue of supply order.

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TERMS AND CONDCTIONS

FOR PROCUREMENT OF CT SIMULATOR ON TURNKEY BASIS FOR TERTIARY CANCER CARE CENTER FAZILKA (PUNJAB)

ELIGIBILITY

- Original Equipment Manufacturers (OEM) or their established, reputed and experienced authorized dealer/distributor.
 - In case of Authorized Supplier/Agency/Distributor, the Authorization Certificate as per the Format given at **Annexure-‘III’** should be uploaded.
 - In case the Tenderer is authorized dealer/supplier an undertaking/certificate issued by their Principle Manufacturer/Supplier that in case dealership/distributorship is withdrawn after supply then the Principle Manufacturer/Supplier will be responsible for Guarantee/Warranty/AMC/CMC. (**Annexure – ‘IV’**).
1. This institution reserves the right to reject tenders without assigning any reason.
 2. If the supply and installation is not made within the stipulated period then late delivery charges @2% will be imposed on the total amount of Supply Order up to delay of 30 days and thereafter @ 4% for another 30 days after which Supply Order will be deemed cancelled & security/earnest money will be forfeited and company will be black-listed for future.
 3. Further, 0.1% of FOB as penalty per week till the warranty period, if the instrument remains in non working condition for more than 18 days in a year.
 4. **PAYMENT PROVISIONS:**

I) For bids in INR

(a) On Delivery and installation: - 80% payment will be released by the Registrar, Baba Farid University of Health Sciences, Faridkot on the completion of installation upon submission of the following documents by the supplier.

- i. The invoice in triplicate duly verified by the consignee.
- ii. Manufacturers/Suppliers Warranty Certificates.
- iii. Inspection Certificate issued by the nominated Inspection agency.
- iv. Acknowledgement of receipt of goods from consignee in the prescribed proforma (Material Receipt Report) showing exact date of receipt of goods etc. in the prescribed Performa.

(b) On Final Acceptance: - Balance 20% Payment will be made on issuance of satisfactory Acceptance & installation Reports.

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Note: - Bidder/beneficiary should submit Real Time Gross Settlement (RTGS) details duly certified from their Banker and the Payment will be remitted only through RTGS as per Annexure-V.

II) In Case of bid in foreign currency: Payment will be released through opening of irrevocable letter of credit (L.C) for 100% amount.

For this the bidder has to submit the details of beneficiary in the tender and submit the requisite documents (proforma invoice and Draft L.C strictly as per the terms and conditions of the tender) for opening of L.C within 7 days from the issue of Notification of Award.

- a) 80 % payment will be released on shipment of goods upon negotiation of following documents through L.C.
- i. Three copies of packing list.
 - ii. Three copies of suppliers invoice showing contact numbers, goods description, quantity, unit price and total amount.
 - iii. Original and two copies of the negotiable, clean on board bill of lading or Airway bill marked freight prepaid and copies of non negotiable bill of lading.
 - iv. Insurance certificate for 110% of the invoice value.
 - v. Manufacturers/suppliers warranty certificate.
 - vi. Certificate of origin.

The above documents shall be received by the purchaser at least one week before arrival of goods at the port or place of arrival and if not received, the suppliers will be responsible for any consequent expenses.

- b) Balance 20% payment will be released through L.C on negotiation of documents regarding satisfactory installation and working of the equipment

Delivery period is 60 days from the confirmation of opening of L.C.

Note: - Bidder/beneficiary should submit Real Time Gross Settlement (RTGS) details duly certified from their Banker and the Payment will be remitted only through RTGS as per Annexure-V.

5. The supplier shall not claim any interest on payments under the contract.
6. Where there is a statutory requirement for tax deduction at source, such deduction towards income tax and other tax as applicable will be made from the bills payable to the Supplier at rates as notified from time to time.
7. **In case of imported equipment the price could be quoted in foreign currency like USD, EURO, Jap, Yen etc. In such cases the evaluation/comparison of price bids will be made by converting the foreign currency into Indian rupee as per the prevailing exchange rate of RBI on date of opening of Technical Bids.**

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8. Rates are to be quoted in INR only in respect of all the indigenous material/works/turnkey projects. All prices mentioned should be FOR destination i.e. Tertiary Cancer Care Centre, Fazilka (Punjab).
 9. The bidder need to submit the comprehensive Maintenance Charges as mentioned in the Price bid during price bid submission as per format.
 10. Bid shall remain valid for one year from the date of date of opening of financial bid prescribed by the purchaser or till the completion of the job, whichever is later unless otherwise prescribe contrary in other terms and condition, this tender documents.
 11. In-complete or conditional offers incorporating price variation will not be entertained.
 12. 5 year comprehensive warranty Free of Cost. After the expiry of the 5 years warranty, CMC will be for 5 years.
 13. The firm should have been in existence for at- least three years and it should have turnover of Rs.5,00,00,000/- per year.
 14. The successful bidder shall deposit performance security @ 10% of the basic cost of the equipment/s in the shape of Bank Guarantee in favour of Registrar, Baba Farid University of Health Sciences, Faridkot and will be returned after expiry of equipment warranty period.
 15. **Any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the competent authority as per the GFRs-2017 rules clause 144 sub rule (X1).**

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Annexure-I

TECHNICAL BID COMPLIANCE STATEMENT

Name and Address of the applicant / firm _____

Specify whether Manufacturer/Dealer/Distributor: _____

Sr. No.	Particulars	Remarks
1.	Tender Fee of Rs.2360/- through Online Mode only on or before due date.	Yes/No
2.	Tender Processing fee charged by Punjab Govt. as per their norms. (Non-refundable).	Yes/No
3.	Earnest Money deposit in favor of Registrar Baba Farid University of Health Sciences, Faridkot through online mode only.	Yes/No
4.	Technical Bid Compliance Proforma uploaded (Annexure-I).	Yes/No
5.	Whether an affidavit regarding Non-Black listing as per proforma given at Annexure-II duly attested by an Executive Magistrate or a Notary Public uploaded.	Yes/No
6.	In case the bidder is Authorized Supplier/Agency, the Authorization Certificate as per the Format given at Annexure-III' uploaded.	Yes/No
7.	In case the Tenderer is Authorized Supplier/Agency, an undertaking/certificate issued by their Principle Manufacturer/Supplier that in case dealership/distributorship is withdrawn after supply then the Principle Manufacturer/Supplier will be responsible for Guarantee/Warranty/AMC/CMC (Annexure – 'IV') uploaded.	Yes/No
8.	Details of Bank Account for refund of EMD (Annexure – V) uploaded.	Yes/No
9.	Price Bid in the prescribed format in Excel Sheet (Annex – VI) uploaded.	Yes/No
10.	Copy of Certificate of Registration for service Tax/TIN/TAN/PAN uploaded.	Yes/No
11.	A certificate from C.A. regarding Annual Turnover with Balance Sheet for the last 3 (three) financial years i.e. 2020-21, 2021-22 & 2022-23 uploaded.	Yes/No
12.	Copy of the IT Returns for three financial i.e. 2020-21, 2021-22 & 2022-23 uploaded	Yes/No
13.	Certificate regarding standard in quality as per required in specifications	Yes/No
14.	Compliance sheet, point wise, as per specifications uploaded	Yes/No
15.	E-mail ID	

Signature & seal of bidder

Place:

Date :

Note: Please upload Catalogue/Brochure/Pamphlets with complete specifications of quoted model only.

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Annexure-II

(To be furnished on non-judicial stamp paper worth Rs.100/- duly attested by Executive Magistrate or Notary Public).

AFFIDAVIT

I/We _____
partner/sole proprietor (Strike out which is not applicable) of (Name & Address of Firm)
_____ do hereby declare and solemnly affirm:-

- a) That the individual/firm/ companies are **not debarred or black- listed** by any department of Union/ State Government or any autonomous institute.
- b) That no partner or shareholder, directly or indirectly connected with the applicant who has been debarred or blacklisted by any department of Union Govt./State Govt./Autonomous Institute.
- c) And that the terms and conditions for supply and Installation of Equipments at Tertiary Cancer Care Centre, Fazilka, are acceptable to me/us. I/We shall abide by them in letter and spirit.

Date:

Place:

DEPONENT

VERIFICATION

I/We do hereby solemnly declare and affirm that the above declarations are true and correct to the best of my/our knowledge and beliefs. No part of it is false and nothing has been concealed therein.

Date:

Place:

DEPONENT

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Annexure- III

MANUFACTURER'S/PRINCIPAL AUTHORIZATION FORM

TO

The Registrar
Baba Farid University of Health Sciences,
Faridkot -151203

Ref. No......

Dated:

**Sub: Authorization Certificate in favour of M/s..... for supply of
..... (Name of equipment)**

We, M/s....., who are established and reputable manufacturers of
.....(name of equipment) having factory(ies) at and
....., hereby authorize M/s.....(name and address)
to bid, negotiate and conclude the Tender formalities with you against Tender
No..... for the above equipment(s) manufactured by us.

No company or firm or individual other than M/s..... are authorized to
bid, negotiate and conclude the tender formalities in regard to this business against this
specific tender.

We, hereby extend our full guarantee and warranty as per the conditions of tender for
the goods offered for supply against this tender by the above firm.

Yours faithfully,

(Name)

For and on behalf of M/s.....
(name of manufacturer/Principal)

Note: This letter should be signed by a person competent and having authority to sign on behalf of manufacturer, and should be on manufacturer Letter Head and same will be uploaded with Technical Bid.

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Annexure - IV

UNDERTAKING BY MANUFACTURER/PRINCIPAL SUPPLIER

TO

The Registrar
Baba Farid University of Health Sciences,
Faridkot -151203

Ref. No.....

Dated:

Sub: Undertaking for after sales service

We, M/s....., who are established and reputable manufacturers of(name of equipment) have authorized M/s.....(name and address) to bid, negotiate and conclude the Tender formalities with you against Tender No..... for the above equipment(s).

Further, we undertake that in case dealership/distributorship is withdrawn after supply of equipment then we shall be responsible for after sales service till the date of guarantee/warranty of the equipment and afterwards for a period of 10 years.

Yours faithfully,

(Name)

For and on behalf of M/s_____
(name of manufacturer/Principal)

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Annexure- V

Details of Bank Account of the firm who has deposited EMD

Name of the firm: _____

Sr. No.	Particulars	Detail
1.	Account No.	
2.	Name of Bank	
3.	Branch Name	
4.	IFSC Code of Bank	
5.	Name of Operator	

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ANNEXURE - VI

PRICE BID

**TO BE UPLOADED in Printed/Computerized format in Excel Sheet Attached for all
Equipments.**