

# ***Baba Farid University of Health Sciences, Faridkot***

***E-TENDER NOTICE FOR supply & installation of 800 mA with IITV Machine  
for Radiodiagnosis Department. at GGS Medical College & Hospital, Faridkot.***

## **E-Tender Form**

**(E-Tender enquiry for Supply and Installation of 800 mA with IITV machine in the department of Radiodiagnosis at GGS Medical College & Hospital, Faridkot)**

Tender Notification No :	<b>To be provided by the E-procurement portal of the Govt. of Punjab.</b>
Tender Notification Date:	<b>27.10.2022</b>
Requirement	<b>E-Tender notice for supply and Installation of 800 mA with IITV Machine</b>
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.2,00,000/- (Rs. Two Lakh only) The Earnest Money Deposit must be submitted in the shape of Online Payment in favor of Registrar, Baba Farid University of Health Sciences, Faridkot 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	<b>Immediately</b> from the website of the Punjab Government i.e. <a href="https://eproc.punjab.gov.in">https://eproc.punjab.gov.in</a>
Website for downloading of the tender document:-	<a href="https://eproc.punjab.gov.in">https://eproc.punjab.gov.in</a> However, the details may also be obtained from the University website i.e. <a href="http://www.bfuhs.ac.in">www.bfuhs.ac.in</a> and college website <a href="http://www.ggsmch.org">www.ggsmch.org</a>
Last date for downloading of the tender document:-	<b>17.11.2022 up to 12.30 pm</b>
Last date & time for uploading of the tender documents:-	<b>17.11.2022 up to 1.30 pm (through online mode only)</b>
Date, time and venue for opening of the Technical Bids	By the next day from the last date of submission of tenders (by 5:00 p.m.) on the e- procurement portal of the Govt. of Punjab. However the bidder or their authorized agents / representative may attend the tender opening process at the University Procurement & Facility Department, Baba Farid University of Health Sciences, Faridkot on the prescribed time and date.
Date, time and venue for opening of the Price Bids	The opening date of financial bids of the technically qualified bidders will be informed on the university web site, e- procurement portal of the Govt. of Punjab. However the bidder or their authorized agents / representative may attend the tender opening process at the University Procurement & Facility Department, Baba Farid University of Health Sciences, Faridkot on the prescribed time and date. The University authorities will have right to decide any other date and time for the opening of the Financial bids.
Who can be contacted for obtaining more information about the tender.	Principal, Guru Gobind Singh Medical College & Hospital, Sadiq Road, Faridkot. 01639-251111, 98773-65600, 94655-13138 E-mail: <a href="mailto:procurement@ggsmch.org">procurement@ggsmch.org</a> <a href="mailto:ggsmc@punjab.gov.in">ggsmc@punjab.gov.in</a> , (on all working days from 9.00 a.m. to 5.00 p.m.)

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## **NOTICE INVITING E-TENDER**

**E-Tenders** are invited on or before **17.11.2022** from manufacturers or their authorized agents/distributors **for supply and Installation of 800 mA with IITV machine required at GGS Medical College & Hospital, Faridkot.** 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](http://www.bfuhs.ac.in) and college website [www.ggsmch.org](http://www.ggsmch.org)

### **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. The **tenders will be opened online** on the next day on the website i.e. <https://eproc.punjab.gov.in> at the, Baba Farid University of Health Sciences, Faridkot. The bidder(s) shall be at liberty to be present, in person or through their authorized representative(s) at the time of opening of the tender as specified in the Tender Notice. In case the authorized representatives are to be present, they must furnish the authority letter from the bidder (s), on whose behalf they are representing otherwise they will not be allowed to participate in the process of opening of tender.
4. **The Price bids of technically qualified bidders will be opened** on the website i.e. <https://eproc.punjab.gov.in> at, Baba Farid University of Health Sciences, Faridkot. In case of any change of date and time it will be notified to the technically qualified bidders through E-mail/telephone.
5. The Registrar/Principal reserves all rights to accept or reject any or all the tenders without assigning any reason.

Registrar

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## **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): Rs.2,00,000/-** 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 Instruments then the Principal Manufacturer/Supplier will be responsible for Guarantee/Warranty/AMC/CMC of the Equipments/Instruments. (**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) **Certification as per technical specifications.**
  - 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. 2019-20, 2020-21 & 2021-22.
  - v) Copy of the IT Returns for three financial years i.e. 2019-20, 2020-21 & 2021-22.
15. Price should be quoted and **uploaded** only in Excel Sheet proforma at **Annexure-‘VI’**.

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**SCOPE OF SUPPLY**

<b>Sr.</b>	<b>Name of Equipment</b>	<b>Approx. Qty. Reqd.</b>	<b>Earnest Money to be Submitted (in Rs.)</b>
1.	<b>800 mA with IITV machine</b>	02	2,00,000/-

Quantity may increase / decrease as per requirement.

# *Baba Farid University of Health Sciences, Faridkot*

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## **TECHNICAL SPECIFICATIONS**

### **800 mA with IITV**

S.N.	Features available in equipment
	<p>High Frequency X-Ray Machine suitable for general radiography</p> <p><b><u>X-Ray generator:</u></b></p> <p>High Frequency X-Ray generator having frequency of 40 KHz or more provided. Power output of generator should be 65 KW or more Radiography KV range should be : 40 to 50 KV mA range (RAD): 800 mA or oremAs range ( RAD) 0.5 to 800 mAs Exposure time (Rad.) .001 sec to 10 Sec. The X-ray control should have digital display of KV, mA, mAs /Time. The radiography KV with maximum number of steps. The technique selector switch should be provided for selecting table radiography /bucky etc. Machine must give 630 mA at 100 KV of 0.1 Sec &amp; 500 mA at 130 KV of 0.1 Sec Machine must give 400 mA at 150 KV of 0.1 Sec &amp; also 800 mA at 80 KV of 0.1 Sec.</p> <p><b><u>Control :</u></b></p> <p>A very compact soft touch control panel having following function &amp; Indications shouldbe provided. The panel can be supplied in floor or wall mount with spill proof design. Following feature should be available on the controlpanel: Machine on/Off Switch. Digital Display of KV ,mA ,mAs / Time KV ,mA &amp; mAs Increase and decreaseSwitches. Tube focal spot selection switch. Ready &amp; X-Ray On switch. Bucky selection switch. Error should be display on panel with indicators or by error codes for i.e. :-<b>Earth Fault Error, Filament Error, Inverter Error, Rotor Error ,Tube head Thermal overload</b> etc. Anatomically Programming Radiography (i.e APR) should be provided in which KV&amp; mAs are automatically selected depending upon the physically of the patient and part of the body to be x-Rayed. Anatomical programming of minimum 2000 programmes should be provided.</p> <p><b><u>X-RAY TUBE :</u></b></p> <p>Two no. Dual focus Rotating Anode X-Ray tube thermallyprotected. Small Focus is 0.6 mm &amp; large focus is 1.2 mm Anode heat storage capacity of tube should be 300 KHU ormore. Two pair of 8 meter H.V Cable. Two no. Double slot Manual Collimator with auto shut off facility shouldbe provided.</p>

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### **HV Tank :**

A very compact H.V Tank filled with high dielectric transformer oil should be provided. The H.V Tank should contain H.V transformers Filament, Transformers, H.V rectifies & H.V cable receptacles.

### **TUBE STAND :**

Floor to ceiling stand with counter balanced tube head (rotatable  $\pm 90^\circ$ )  $180^\circ$  rotatable mounted on floor ceiling rails for convenient movement should be provided.

### **TABLE :**

Motorized table should have motorized Bucky consisting of Bucky grid with ratio 8:1 or more, 85 lines per inch.

The Table should consist of motorized reciprocating Bucky with imported grid of size  $17\frac{1}{4}'' \times 18\frac{3}{4}''$  & of Ratio 8:1-85 Lines/inch.

The Bucky should cover the entire length of the table and should be latched at any desired position by an Electromagnetic lock.

The table should be made of low radiation absorption, waterproof material.

Table Accessories like stainless steel cassettes tray, Bucky should accept cassettes up to  $14'' \times 17''$

### **VERTICAL BUCKY STAND:**

Vertical Bucky stand with oscillating Grid of ratio 8:1, 85 lines/inches is provided. The Bucky should move up & down & should be equipped with stainless steel cassette tray. The stand should be floor mounted type & can accommodate cassettes up to  $14'' \times 17''$ .

### **I.I. System**

9" Inches, Image Intensifier should be provided. It should be fitted on X-Ray Machine

It should have Zoom Facility

CMOS Camera: High resolution compact B/W CMOS camera 1 K X 1 K size.

It should have scanning lines of 600 lines , 40 field. The horizontal resolution should be 550 lines.

The acquisition should be made at 14 bits.Nominal

Entrance Field Size is 200mm.

Output Image diameter is 23mm.

Image Intensifier head safety lock is available.

2 Nos. 17" LED/TFT or 1 No. 27" LED/TFT Monitors

### **MEMORY SYSTEM:**

PC based memory system with the following features should be provided.

Image processing software with Real time image capturing, storage.

Boosted Fluoroscopy (CINE) up to 30 FPS with real time recording on Hard Disk Drive.

More than 10000 image storage.

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<p>DICOM Send &amp; Print PACS connectivity with RIS. Length and angle Measurements with Annotation Pre Programming for Image setting for different operating Modes. Image Flipping and Image rotation. Recursive Filters for image smoothening Image Zoom with Pan Image Inversion</p> <p><b><u>POWER REQUIREMENT :</u></b></p> <p>The unit should be operable on 3 Phase, 440 Volts AC, 50 Hz 100 Amps with line –resist less than 0.4 ohms. Line regulation <math>\pm 10\%</math>.</p> <p><b><u>Safety &amp; Approval :</u></b></p> <p>Equipment should be approved by AERB or BIS Company should have ISO 9001 &amp; ISO 13485 Certificate.</p>
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**Warranty for 05 years**

**05 years CMC after expire of warranty**

Certificate (s) regarding **standard** in quality must be uploaded.

**GUARANTEE / WARRANTEE SHOULD BE CLEARLY MENTIONED**

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### **NOTE: -**

- All accessories like UPS / Stabilizer or any other which are required for machine should be supplied by the L1 bidder.
- **Price of above accessories should be quoted too separately in price bid. The specific accessories and their quantity will be decided on the basis of actual requirement.**
- 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 45 days after issue of supply order.



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## TERMS AND CONDITIONS

**FOR SUPPLY AND INSTALLATION of 800 mA with IITV machine REQUIRED AT  
GGS MEDICAL COLLEGE & HOSPITAL, FARIDKOT.**

### ELIGIBILITY

- The sole manufacturers of equipments or their authorized agents/distributors may quote their rates.
  - 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 and increase or decrease the quantity of the articles tendered.
  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. Payment Terms: 80% Payment will be released after satisfactory Installation of the Equipment and balance 20% will be made after 60 days of the Installation and satisfactory working of the equipment.
  4. In-complete or conditional offers incorporating price variation will not be entertained.
  5. The firm should have been in existence for at- least **three years** and it should have turnover of **Rs.50,00,000/- per year**.
  6. The successful bidder shall deposit performance security @ 10% of the basic cost of the equipment/s in the shape of **Demand Draft only** and will be returned after receipt of CAMC security.

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## **Annexure-I**

### **TECHNICAL BID COMPLIANCE STATEMENT**

Name and Address of the applicant / firm \_\_\_\_\_

Specify whether Manufacturer/Dealer/Distributor: \_\_\_\_\_

<b>Sr. No.</b>	<b>Particulars</b>	<b>Remarks</b>
1.	Tender Fee of <b>Rs.2360/-</b> 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 Rs. 2,00,000/- in favor of Registrar Baba Farid University of Health Sciences, Faridkot through online mode only.	Yes/No
4.	Technical Bid Compliance Proforma uploaded ( <b>Annexure-I</b> ).	Yes/No
5.	Whether an affidavit regarding Non-Black listing as per proforma given at <b>Annexure-II</b> 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 <b>Annexure-‘III’</b> 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 ( <b>Annexure – ‘IV’</b> ) uploaded.	Yes/No
8.	Details of Bank Account for refund of EMD ( <b>Annexure – V</b> ) uploaded.	Yes/No
9.	Price Bid in the prescribed format in Excel Sheet ( <b>Annex – VI</b> ) 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. 2019-20,2020-21 & 2021-22 uploaded.	Yes/No
12.	Copy of the IT Returns for three financial i.e. 2019-20,2020-21 & 2021-22 uploaded	Yes/No
13.	Certificate regarding standard in quality <b>as per required in specifications</b>	Yes/No
14.	Compliance sheet, point wise, as per specifications uploaded	Yes/No
15.	E-mail ID	
16.	Make	
17.	Model	

**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 GGSMCH, Faridkot, 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:

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DEPONENT

**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: \_\_\_\_\_

<b>Sr. No.</b>	<b>Particulars</b>	<b>Detail</b>
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.**