

Baba Farid University of Health Sciences, Faridkot

E-TENDER NOTICE FOR supply & installation of High End Ultrasound Machine for Radiodiagnosis Department. at GGS Medical College & Hospital, Faridkot.

E-Tender Form

(E-Tender enquiry for Supply and Installation of High End Ultrasound Machine in the department of Radiodiagnosis at GGS Medical College & Hospital, Faridkot)

Tender Notification No :	To be provided by the E-procurement portal of the Govt. of Punjab.
Tender Notification Date:	01.09.2022
Requirement	E-Tender notice for supply and Installation of High End Ultrasound Machine
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.2,70,000/- (Rs. Two Lakh Seventy thousand 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	Immediate 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 and college website www.ggsmch.org
Last date for downloading of the tender document:-	06.10.2022 up to 12.30 pm
Last date & time for uploading of the tender documents:-	06.10.2022 up to 1.30 pm (through online mode only)
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: procurement@ggsmch.org ggsmc@punjab.gov.in , (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 **06.10.2022** from manufacturers or their authorized agents/distributors **for supply and Installation of High End Ultrasound 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 and college website 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** by 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.2,70,000/-** 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. 2018-19, 2019-20, 2020-21.
 - v) Copy of the IT Returns for three financial years i.e. 2018-19, 2019-20 & 2020-21.
15. Price should be quoted and **uploaded** only in Excel Sheet proforma at **Annexure-‘VI’**.

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SCOPE OF SUPPLY

Sr.	Name of Equipment	Approx. Qty. Reqd.	Earnest Money to be Submitted (in Rs.)
1.	High End Ultrasound Machine	01	2,70,000/-

Quantity may increase / decrease as per requirement.

TECHNICAL SPECIFICATIONS

Technical specifications for A State of the Art, High End ultrasound Colour Doppler System

<ul style="list-style-type: none">• The system should incorporate facility for High Resolution B mode, M Mode, PW, CW, Colour Doppler, Power Doppler, Angio, directional power angio, contrast imaging, peripheral vascular, trans-cranial, superficial parts, Duplex and Triplex Imaging modes also peripheral vascular, trans-cranial, superficial parts imaging.• The system monitor should be minimum 22" LED/OLED with Flexible Arm and tilt, swivel and height adjustment facility. A separate touch screen of minimum 12" should also be available. the keyboard should have a floating console which can electronically adjust height, rotation and forward movements.• The system should have 256 grey shades (8 bits) or more.• The system should have a fast boot up time of less than 150 seconds, when switched on from 'OFF' position.• Dynamic range should be 300 dB or more.• There should be at least 40,00,000 digital processing channels.• The system should have a Frame Rate 2500 Frames per second or more.• The system should have imaging depth of 40 cm or more.• The system should have real-time compound imaging facility
<ul style="list-style-type: none">• The system should have Tissue Harmonic Imaging (THI) facility. The system should have THI capability on linear, 3D and curved array transducers. THI should be available in color flow imaging, M-Mode and 3D rendering modes with light source.
<ul style="list-style-type: none">• The system should be able to work in combined mode of Harmonic Image and Real-time Compound Imaging. The system should have Tissue Harmonic Imaging in Power Doppler mode.• Complete contrast imaging package with quantification should be provided. It should be able to detect fundamental as well as second harmonic response of the contrast agent, dynamic contrast imaging with quantification in user selectable region of interest on all probes.• The system should have facility for extended field of viewing, reconstruction / panoramic imaging.
<ul style="list-style-type: none">• All the transducers are broadband with multi frequency capability. Minimum frequency should be 1MHz and Maximum Frequency should be 18 MHz can be selected depends on Probe.• The system should have 4 active Transducer ports.
<ul style="list-style-type: none">• The system should be up gradable with compatibility for advanced fusion imaging, capable of review of CT & MRI images alongside real time ultrasound imaging and to be able to use this multimodality data to assist ultrasound guided interventions in real time.• The system should have auto optimization features for ease of use and automatic quantification of Doppler parameters in real time and freeze modes.• The system should have real time panoramic view imaging that operates by sweeping a transducer over the anatomy of interest. Should be possible with all transducers.
<ul style="list-style-type: none">• System should have option of Shearwave Elastography in convex and Linear probes and Shearwave Elastography in Linear and TVS Probe (Pricing to be quoted as option)
<ul style="list-style-type: none">• One-touch image optimization should be available in 2D mode with one button automatic adjustment of TGC.• Zoom facility with high resolution results and pan capability in both real time and frozen images

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<p>with facility of pre and post processing.</p> <ul style="list-style-type: none">• The system should have Cine loop review facility in individual and mixed modes with memory up to minimum of 400 images and 30 seconds of Doppler.
<ul style="list-style-type: none">▪ The system should have semi automated evaluation for fetal CNS & Heart.
<ul style="list-style-type: none">▪ Scanning availability of BIRADS & TIRADS correlation.
<ul style="list-style-type: none">▪ Nerve tract imaging.▪ Liver fat quantification
<ul style="list-style-type: none">▪ Automatic ovarian follicular counting
<ul style="list-style-type: none">• Equipment should be offered with following Electronic Broad Bandwidth Probes.• Single Crystal Convex Probe with Bandwidth of 1MHz to 5 MHz for Radiology and OB/Gyn. Applications and should optionally support for Shear wave Elastography Application.• 5-9MHz broad band linear probe for abdomen, vascular and small parts with Support for Strain & Shear wave Elastography Application.• 6-18 MHz Matrix linear smaller footprint and hockey stick linear probe for small parts, MSK, Neonates, & pediatrics with Support for Strain & Shear wave Elastography Application.• TVS Probe with Bandwidth of 4 MHz to 9 MHz with minimum FOV 180 degree and Support to Strain Elastography Application.• Single Crystal Convex Volume probe 2 to 8 MHz for 3D/4D with STIC equivalent applications• Biopsy guide for TVS, convex & curvilinear Probes.• Fetal echo probe.• Advanced features like Dual slow-motion display (one half of 2B will be real time and other half of will be user configurable slow .• The system should support extensive clinically researched real time elastography techniques which can be applicable for Liver, Breast, Thyroid, Prostate, cervix, Musculo-skeletal, intra-operative, intravascular application.• Features like Auto NT, Auto IMT should be inbuilt with the system / semi automatic quantification tools.• Guided needle navigation.• Contrast Ultrasound Capability (CEUS) with Times Intensity Curve Graphs.• System should have the capability to compare previous patient images during live scan.• System should have the capability to measure the area of lesions/Cyst automatically.
<ul style="list-style-type: none">• The system should have facility of direct storage and retrieval of B/W and color images (both frozen and cine loops) in the in-built hard disk drive. Inbuilt hard disk storage for images should be 500 GB or more.
<ul style="list-style-type: none">• The system should have USB archival (DICOM and PC format) facility.• The system should be DICOM 3.0 ready (like send, receive, print, record on CD/ DVD, acknowledge etc.)• Unit to be supplied with suitable thermal printer.
<ul style="list-style-type: none">• . On line UPS for 60 minutes back up to support all functions of the unit and thermal printer
<ul style="list-style-type: none">▪ One Color Laser Printer to be supplied with machine
<p>ESSENTIAL REQUIREMENT:</p>
<p>1. Two reputed make all in one desktops with medical grade resolution monitor atleast 24"</p>

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with three sided micro-edge, antiglare, 16 GB RAM, 1TB 5400rpm SATA HDD storage, 128 GB SSD Storage, OS windows 11/Mac, Integrated 10/100/1000GbE LAN, wireless technology realtek RTL8822CE 802.11a/b/g/n/ac (2X2) Wi-Fi and Bluetooth 5 combo or equivalent with USB PORT type RJ45 A & C, HDMI out & In, headphone & Mic port. Atleast 5MP webcam & Dual 2.5 W speakers or more.

Both all in one desktops should be equipped with medical grade voice-to-text medical software and License should be provided till the warranty & CAMC of USG machine with yearly software/hardware upgradation .

2. Ultrasound reporting and imaging softwares like SonoCare/ Astraia, which supports structured reporting for ultrasound and USG Endoscopy scans. The system records the state of the patient over a course of time (the patient EMR), pulls the relevant information from the data, and provides a detailed report for several different types of ultrasound scans. Reports and their contents can be completely customized, and basic and advanced query mechanisms are available to retrieve statistical reports (for administrative purposes) or for narrowing in on a list of patients/scans that satisfy specific conditions. Structured Reports are available in a variety of formats, and are configurable (font, layout, content, and text that appears within the reports). The greatest asset for obstetric scans is the ability to track fetal growth, and to predict/specify the gestational age using several different means (biometry tables, last menstrual period – LMP – and from data originating from earlier scans performed elsewhere). Company should be provided this license till the warranty & CAMC of USG machine with yearly software/hardware upgradation.

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 repute 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 *HIGH END ULTRASOUND 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: _____

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 Rs. 2,70,000/- 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. 2018-19, 2019-20 & 2020-21 uploaded.	Yes/No
12.	Copy of the IT Returns for three financial i.e. 2018-19, 2019-20 & 2020-21 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	
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: _____

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.**