

Baba Farid University of Health Sciences, Faridkot

E-TENDER NOTICE FOR High End Ultrasound with Real Time Shear Wave Elastography and Contrast imaging (Color Doppler) required at GGS Medical College & Hospital, Faridkot.

E-Tender Form

(Short Term E-Tender enquiry for Supply and Installation of High End Ultrasound with Real Time Shear Wave Elastography and Contrast imaging 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:	/ /
Requirement	E-Tender notice for supply and Installation of Color Doppler
Cost of the tender document:-	Rs.2000/- (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 Punjab Infotech, Chandigarh as per their norms. (Non- refundable).
Earnest Money Deposit (EMD)	Rs.2,00,000/- for Each Equipment in shape of DD in favor of Principal, GGS Medical College, faridkot on or before due date (Refundable to the Non-successful bidders, without any type of interest or other charges). However, it will be converted into Performance security in case of successful tenderer and will be returned after successful completion of the warranty period.
Date of start of downloading of tender documents	20.04.2017 from the website of the Punjab Government i.e. https://etender.punjabgovt.gov.in
Website for downloading of the tender document:-	https://etender.punjabgovt.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:-	10.05.2017 up to 12.30 pm
Last date & time for uploading of the tender documents:-	10.5.2017 up to 1.30 pm (through online mode only)
Date, time and venue for opening of the Technical Bids	10.05.2017 at 2.30 p.m. on the e- procurement portal of the Govt. of Punjab in , Baba Farid University of Health Sciences, Faridkot
Date, time and venue for opening of the Price Bids	15.05.2017 on the e- procurement portal of the Govt. of Punjab in, Baba Farid University of Health Sciences, Faridkot
Who can be contacted for obtaining more information about the tender.	Principal, Guru Gobind Singh Medical College & Hospital, Sadiq Road, Faridkot. Mr. Vikas Arora, GGS Medical College, Faridkot Mobile; 8558872572 E-mail: pr_ggsmc@yahoo.com (on all working days from 9.00 a.m. to 5.00 p.m.)

Important Note:-

- For any clarification about the E-tendering, Digital Signature certificates and User Id, the Bidders/agencies may contact on Punjab e-procurement helpline numbers 92572-09340, 80546-28821, 0172-3934667.***
- The Bidders/ Agencies may also contact for more information about the e-tendering activities to Sh. Harmeet Singh, District Co-ordinator of Punjab Infotech, Chandigarh at Mob: 81466-99868.***

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NOTICE INVITING E-TENDER

E-Tenders are invited on or before **10.05.2017** from manufacturers or their authorized agents/distributors **for supply and Installation of High End Ultrasound with Real Time Shear Wave Elastography and Contrast imaging 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://etender.punjabgovt.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 EMD should be submitted in the shape of Demand Draft in favor of Principal, GGS Medical College, faridkot on or before due date with Hard Copy of Technical Bid.
3. The Tender processing fee should be submitted through Net Banking/Credit card/Online mode only and as per Punjab Infotech, Chandigarh.
4. The **tenders will be opened online** on the same day i.e. 10.05.2017 at 2.30 p.m. on the website i.e. <https://etender.punjabgovt.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.
5. **The Price bids of technically qualified bidders will be opened** on 15.05.2017 at 2.30 p.m. on the website i.e. <https://etender.punjabgovt.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.
6. The Registrar/Principal reserves all rights to accept or reject any or all the tenders without assigning any reason.

Registrar

Baba Farid University of Health Sciences, Faridkot

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INSTRUCTIONS/ GUIDELINES TO THE TENDERERS

1. The bidder needs to register himself/ herself on <https://etender.punjabgovt.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://etender.punjabgovt.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** of Rs.2000/- (non-refundable) may be deposited through online Mode Only.
5. **Tender Processing Fee:** as per Punjab Infotech, Chandigarh/- (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)** of Rs.200000/- for each Equipment may be deposited in shape of Demand Draft in favor of Principal, GGS Medical College, Faridkot on or before due date.
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 Principle Manufacturer/Supplier that in case dealership/distributorship is withdrawn after supply of the Instruments then the Principle 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) Certificate regarding **USFDA Only** as per in required specifications standard in quality.
 - 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. 2013-14, 2014-15 & 2015-16.
 - v) Copy of the IT Returns for three financial years i.e. 2013-14, 2014-15 & 2015-16.
15. Price should be quoted and **uploaded** only in Exel Sheet proforma at **Annexure-‘VI’**.

Detail of Item with Specifications

**High End Ultrasound with Real Time Shear Wave Elastography and Contrast imaging
Technical Specification:**

The system should be state of the art with full digital technology with S vision or similar architecture capable of precision beam forming and should be for Abdominal, Renal, Pelvic, Genitourinary, Breast (2D,3D & 4D), Obstetrics, Thyroid, TCD and MSK Imaging Applications. The specific minimum requirements for this equipment are as follows.

- a. The system should be capable of high-resolution 2D, 3D, 4D M, PW, Color flow, Power & Directional Power Doppler, Pulse Wave Doppler, CW and Panoramic imaging mode.
 - b. It should have contrast imaging and real time shear wave and Strain based electrography modes.
 - c. The system should have 3000000 or more digital processing channels.
 - d. System should have broad band beam former capable of processing signals from 1-18 MHz.
 - e. The system should have a dynamic range of 360 dB or more.
 - f. System should have scan depth of 2 to 30 cm or more. Please specify through data sheet.
 - g. Frame rates more than 1900 frames/sec preferred.
 - h. System with Digital TGC control is preferred.
9. System should have Panoramic Imaging. It should have skin line scaling markers, curved distance measurement tool and Zoom, Pan, Rotate & Trim facility to trim panoramic images from start or end of the panoramic capture.
10. System should have integrated ACR BIRADS Lexicon available during the current study and BIRADS results, images and measurements should be fully integrated into the report worksheet for Breast Clinical Application. System should also have Print ready Liver, Obstetric and Vascular worksheets.
11. Machine should be capable of real time Compound imaging technology on linear, curved and mechanical volume probes for improved visualization.
12. The system should have Basic Imaging Optimization controls like Tissue Harmonic Imaging, High Definition / General / Frame Rate optimization Control, Penetration / General / Resolution optimization control, Trapezoidal Imaging and Sector Size Control.
13. System should have both manual and Auto Doppler Trace facility on live and frozen images to improve the vascular workflow quantification of Doppler parameters.
14. System must be offered with High Definition Speckle Reduction Imaging
15. The machine should support intima media thickness (IMT) quantification with automatic or user assisted tracing of intima-media complex.
17. System should also offer Pulse Wave velocity measurement to measure the stiffness of the arterial walls or arteriosclerosis.

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18. System should have High definition and PAN / zoom facility.
19. System should be able to support at least four electronic transducers with universal ports with simple electronic selection method for interchanging transducers. Additional parking ports would be preferable.
20. System should have one touch optimization for 2D, color & Doppler Modes.
21. System should have Cine loop facility, both frame by frame and in cine mode, with a memory for at least 3 minutes in 2D, color and Elastography modes. The system should also be able to review and at least 20 seconds of Doppler and M mode data.
22. The system should have facility of direct storage and retrieval of B/W and color images in both frozen and cine loops in the inbuilt hard disk drive. In- built hard disk storage for images should be for more than 10,000 images.
23. The real time shear wave elastography mode should be capable of performing.
 - a. Real time Shear Wave tissue elastography imaging with convex Probe.
 - b. The elastography should be Real-time, Fully automatic with reproducible results for Liver, Breast, Thyroid, Prostate, Gynae.
 - c. System should be able to generate a color coded elastogram with a reference elasticity scale for Brest, Thyroid, Prostate & Cervix.
 - d. System should be able to display simultaneously both color coded elastogram and corresponding B-Mode image in real time for performing elastography guided biopsies/FNAC.
 - e. There should be User adjustable elasticity-box size with a Display Depth: 0 - 12cm.
 - g. Elastography quantification tool should be able to provide Mean, Max & Min elasticity values of the tissues in both m/s and kPA (KiloPascal).
 - h. System should have integrated report worksheet for Liver elasticity assessment.
24. Fully optimized Contrast Imaging mode should be available with simultaneous acquisition of B-mode and Contrast images in real-time in full screen or Side-by-side display.
25. A high resolution, fully articulation non-interlaced flicker free, anti-glare, flat panel High Definition LED display of 23 inches or more.
26. System should have more than 10" wide LED Touch Screen Control.
27. System should have facility to transfer data from the hard disk on to a removable media (CD /DVD/USB).
28. The system should be DICOM 3.0 (or higher version) ready (like send, receive, print, record on CD/DVD, acknowledge etc.) for connectivity to any network, PC/computer etc. in DICOM format. Vendor will connect the machine to existing PACS and to local other laser cameras without additional cost.
29. DICOM structured reporting for Obstetrics should be available.
30. The system should have advanced Query Retrieve capabilities to Query full native data from the PACS, and display Retrieved images side- by-side with real-time ultrasound on system's monitor.
31. The system should have CD-DVD and USB archival (DICOM and PC format).
32. Both the machine and the real time shear wave elastography should be USA FDA certified.

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33. The tender is on a buy back basis against RT 3200 & Sonoline Ultrasound machine. The vender can inspect the machine on any working day after taking permission from the HOD Radiodiagnosis.

Transducers: Following transducers should be offered with the system:

1. Curved array 1 - 7 MHz. (Single Crystal or Similar Technology)
2. Linear array 3 - 16 MHz.
3. Linear 3D/4D volume probe 5-16 MHz.
3. Endocavitary with volume probe 3 – 12 MHz with FOV of more than 200 degree.
4. Convex volume 3D/4D probe 1-8MHz (Single Crystal or Similar Technology)
5. Cardiac Probe -Adult - Phased array 2-4 MHz (+/- 1MHz)
6. Paediatric Probe - Phased Array 4-7MHz (+/-1 MHz)

Accessories:

1. On-line UPS with capacity for at least 30 mins backup to support all functions of the equipment i.e. Performing Ultrasound procedure, exposure on to films or copy on a CD.
2. Thermal printer (Sony).
3. Color ink jet printer.
4. Biopsy attachment (Disposable guides) on endocavitary probe.

Upgrading requirements

A free, comprehensive software/ software version upgrade/ newer applications upgrade guarantee for 10 years (after installation) of the ultrasound unit must be provided.

1. Five years comprehensive onsite warranty of entire system (Spares and service charges), without any exclusion, including all transducers. This will be followed by 5 years CMC to be quoted separately, year wise.

2. 95% uptime guarantee should be given. In case down time exceeds 5% penalty in the form of extended warrantee, double the number of days for the which the equipment goes out of service, will be applied.

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TERMS AND CONDITIONS

FOR SUPPLY AND INSTALLATION OF X Ray Units 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 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 forfeited and company will be black-listed for future.
 3. In-complete or conditional offers incorporating price variation will not be entertained.
 4. The firm should have been in existence for at- least **three years** and it should have turn of **Rs.1,00,00,000/- per year**.
 5. The successful bidder shall deposit bank guarantee of 10% of the total value of the equipment in the shape of Demand Draft only.

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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.2000/- through Online Mode only on or before due date.	Yes/No
2.	Tender Processing fee charged by Punjab Infotech, Chandigarh as per their norms. (Non- refundable).	Yes/No
3.	Earnest Money of Rs.200000/- for each Item in the shape of Demand Draft in favor of Principal, GGS Medical College, faridkot. On or before due date.	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. 2013-14, 2014-15 and 2015-16 uploaded.	Yes/No
12.	Copy of the IT Returns for three financial i.e. 2013-14, 2014-15 and 2015-16 uploaded.	Yes/No
13.	Certificate regarding USFDA Only or as per required in specifications standard in quality.	Yes/No
14.	Fax Number	
15.	E-mail ID	

Signature & seal of bidder

Place:

Date :

Note: Please upload Catalogue/Brochure/Pamphlets with complete specifications of each Equipment quoted.

Hard Copy of the Technical Bid should also be submitted on or before due date in a sealed Envelope.

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Annexure-II

(To be furnished on non-judicial stamp paper worth Rs.30/- 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:

DEPONENT

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Annexure- III

MANUFACTURER’S/PRINCIPLE’S 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 High End Ultrasound with Real Time Shear Wave Elastography and Contrast imaging (Color Doppler).

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/Principle)

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/PRINCIPLE 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/Principle)

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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.

Hard Copy of Technical Bid Should also be submitted on or Before Due date in a sealed envelope.