

Baba Farid University of Health Sciences, Faridkot

E-TENDER NOTICE FOR supply & installation of Anaesthesia Work Station at GGS Medical College & Hospital, Faridkot.

E-Tender Form

(E-Tender enquiry for Supply and Installation of Anaesthesia Work Station at GGS Medical College & Hospital, Faridkot).

Tender Notification No :	To be provided by the E-procurement portal of the Govt. of Punjab.
Requirement	E-Tender notice for supply and Installation of Anaesthesia Work Station
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. 4,50,000/- (Rs. Four Lakh fifty thousand only) must be submitted through 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	29.04.2022 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:-	13.05.2022 up to 12.30 pm
Last date & time for uploading of the tender documents:-	13.05.2022 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 **13.05.2022** from manufacturers or their authorized agents/distributors **for supply and Installation of Anaesthesia Work Station 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

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://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. 4,50,000/-** 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. 2017-18, 2018-19 & 2019-20.
 - v) Copy of the IT Returns for three financial years i.e. 2017-18, 2018-19 & 2019-20.
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.	Anaesthesia Work Station With Monitors	05	4,50,000.00

MAKE & MODEL NO. MUST BE QUOTED IN TECH. BID

Quantity may increase / decrease as per requirement.

TECHNICAL SPECIFICATIONS

Specification for Anaesthesia Workstation

1. General Requirement

- Compact and modular, three gas Anaesthesia workstation with an integrated ventilator and monitoring facility for adult to infants and integrated airway monitor for airway pressures and volume. It should be constructed with welded tubular/epoxy powder painted steel or ABS medical grade plastic.
- The machine should be suitable for low and minimal flow anesthesia application with compliance compensation of breathing circuit fresh gas flow compensation/ decoupling.
- The anaesthesia machine, inbuilt ventilator and vaporizer should be manufactured by the single company.
- The system should have internal battery backup of minimum 30 mint. or more.
- System should conform to (US FDA / 4 digit European CE) and (BIS/ISO) and EN 60601-2-13 (Requirement for safety and essential performance of anaesthesia system).
- The machine should have 2/3 drawers (preferably lockable).
- Top shelf and table top to keep drugs.
- Should have large castor wheel with foot brake.

2. Gas delivery system

- Should have pin index yokes for Oxygen & Nitrous Oxide besides separate connection for Central gas supply for Oxygen, Nitrous Oxide and Air. All pipe line should have diameter safety system (DISS).
- The machine should have pressure gauges for cylinders & central supply lines mounted on front of Anaesthesia machine for better visibility. The gas connections should be non interchangeable.
- The system should be suitable to use at minimal flow fresh gas setting.
- Automatic cut-off of N₂O by Oxygen pressure failure.
- Hypoxic guard for linear regulation of minimum oxygen concentration at 25 % volume
- Audible visual oxygen failure alarm.
- Emergency Oxygen flush at 30 – 70 L/min bypassing the vaporizer.
- Should have electronic display of cylinders and pipeline gas pressures.
- Auxillary oxygen port should be available
- There should have rapid electronic gas mixing system.

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- Anaesthesia in mechanical ventilation mode should automatically compensate for compression losses within the absorber and bellow assembly breath by breath with flow measurement from integrated inspiratory & Expiratory flow sensors.
 - Gas regulators should be of modular design/graphic display.
 - Should have backup O₂ control which provides an independent fresh gas source & flow control in case of desolve failure.

3. Flow meter

- Should have virtual meter for Oxygen, Nitrous- Oxide and air.

4. Vaporizer

- Machine should have possibility to mount two quick mount type vaporizer for easy interchangeability, and safety with interlock facility to allow use of only one vaporizer at a time.
- Should be provided with a Temperature, pressure compensated and flow independent .
- Should be capable of connecting vaporiser for Isoflurane / Sevoflurane / Desflurane / Halothane.
- Vaporizer should have extended delivery range from 0 to 6 Vol.
- The vaporiser should be calibration free along with manufacturer certificate for the same.

5. Breathing System

- Should have fresh gas de-coupled/ fresh gas compensation semi closed circle absorber system.
- Should have adjustable pressure relief valve with flow and pressure compensated .
- The system should have leak and compliance test (including patient hoses upto the Y piece).
- Should have compact breathing system with minimal flow of 250 ml of O₂.
- Should have an external fresh gas outlet for connecting Magill or Bain's circuit
- The device should have port for anaesthesia gas scavenging system.
- Should have fully autoclavable CO₂ absorber, canister

6. Anaesthesia Ventilator

- The system should have inbuilt ventilator with electronically controlled and Electronic / pneumatic driven. Should not require changing of bellows for adult & infants.
- Should have minimum color screen size of 15" or more.
- Modes: Manual/Spont, VCV, PCV, SIMV with PS and advanced modes..
- Tidal Volume : 20 ~ 1400 ml
- PEEP : 0 ~ 20 cm H₂O

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- Breathing Frequency : 4 to 60 BPM
 - Preferably have flow trigger of 0.2 liter or less
 - Minute volume –A control adjusts the total inspiratory volume per minute delivery from the bellows shall be > 20 L/min
 - Inspiratory flow- 0- 120 L/min + Fresh gas flow.
 - Pressure limits- shall be adjustable and preferred < 70 cm H₂O.

7. Airway monitoring

- Integrated monitor for electronic monitoring and display of following parameters:
- Expiratory Tidal Volume
- Expiratory Minute volume
- PEEP, Peak & Mean and Plateau airway pressure
- Frequency
- Graphic representation for Lung mechanics

8. Alarm limits & alarms

- Adjustable high / low limits with audio and visual alarms for the following:
- Minute volume,
- Airway pressure (incl stenosis and disconnect),
- Insp oxygen concentration,
- Audio power supply fail alarm,
- Fail to cycle warning.

9. Patient Monitor

- The equipment should be having integrated basic measurements & features of patient monitoring system. with capability to provide additional clinical measurements by attaching parameter modules
- The monitors should have bright, highly visible, More than 15” TFT Multicolor capacitive display touch Screen with rotator knob with minimum 6 waveforms extendable upto 12 waveforms.
- The monitors should have the capability to provide vital parameters ECG, built-in NIBP with adult, paediatric and neonatal cuffs, SpO₂, EtCO₂, 2 IBP/Temp skin and core temperature probes, gas monitoring and cardiac output, entropy / BIS, NMT.
- Upgradable to cardiac output, AGM, entropy/BIS, NMT by adding modules.
- Anaesthesia gas monitoring should be display O₂, CO₂, N₂O gases, Anaesthesia agents, MAC value in both inspired and expired value breath to breath.
- Monitor should have trending facility for atleast one week/ 7 days of both graphical and numerical facility to store snapshots during critical events for waveform review at a later stage.

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- Standard battery backup 4 hours.
 - Connectivity to central stations should be standard thru LAN/ WiFi
 - Data export through USB port should be available with password protected as per FDA guideline.

Scope of supply

- Pin Index yokes for O2 & N2O
- Pipeline connections for all three gases
- Circle Absorber – 01 No.
- Central gas supply hoses (Color coded) – 1 each
- Anaesthetic reusable silicon mask size – Adult & child- 5 set each (all seven sizes).
- Vaporisers for Isoflurane, Sevoflurane and Desflurane – 1 no. each
- 5 lead ECG leadwires – 2 nos
- Bains circuit (disposable): 10
- Jackson Rees circuit : 5
- Adult and pediatric reusable and autoclavable silicone closed breathing circuits : 5 sets each
- Disposable breathing circuits: 10
- Rebreathing bags : 10 no (2 litre), 10 no (1 litre) and 5 no (500 ml)
- SpO2 finger sensor with cables – 4 no Adult and 4 no Paediatric (2 neonatal) per monitor
- Temperature probe: 2 adult (1 core, 1 skin) and 2 pediatric (1 core , 1 skin)
- Temperature cables –: 4 no
- NIBP Hose – 2 nos. per monitor
- NIBP cuff Adult & Paediatric – neonatal(3), pediatric(3), small (5), medium(10), large(10) and extra large(5)
- Should be supplied with intermediate IBP cable– 4 nos
- Disposable transducers – 50 nos
- Disposable gas sampling line – 50 nos
- Disposable water traps – 50 nos
- BIS module : 1 nos
- BIS cable : 2 nos
- BIS sensors- 50 nos
- HME filters- 1000 nos
- EtCO2 sampling line and connector should be supplied- 25 nos with each apparatus.

Warranty – 5 years; CAMC – 5 years after warranty.

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OTHERS:

1. Original Manufacturer or their subsidiary or authorized dealer who is quoting should be present in India having selling experience of 5 years .
2. In no case the instrument should remain in non-working condition for more than 7 days, beyond which a penalty as the per the rules of the institute will be levied
3. The vendor should have a good service and application back up along with instruments to provide an effective troubleshooting and support. (response time < 24 hours)
4. All technical bids comparative statement to the tender specifications must be enclosed along with reference no., paragraph no. from original catalogue of the equipment.
5. Demonstration and training should be provided at own expenditure.
6. All accessories like UPS / Stabilizer or any other which are required for machine should be supplied by the L1 bidder.
7. Compliance report to be submitted in a tabulated and point-wise manner, clearly mentioning the page/ para number with authenticated catalogue / manual. Points not covered in the brochure must be specifically addressed in a separate certificate.
8.
 - ❖ Certificate (s) regarding standard in quality must be uploaded.
 - ❖ Expected delivery & Installation time: Within 45 days after issue of supply order.

TERMS AND CONDITIONS

FOR SUPPLY AND INSTALLATION of ANAESTHESIA WORK STATION AT GGS MEDICAL COLLEGE & HOSPITAL, FARIDKOT.

ELIGIBILITY

- The sole manufacturers of equipments or their authorized agents/distributors may quote their rates.

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- 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.2,00,00,000/- 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.
 7. The successful bidder shall deposit CAMC security @ 10% of the total basic cost of the CAMC (05 years) in the shape of **Demand Draft only** and will be returned after 66 months.

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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 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. 2017-18, 2018-19 and 2019-20 uploaded.	Yes/No
12.	Copy of the IT Returns for three financial i.e. 2017-18, 2018-19 and 2019-20 uploaded	Yes/No
13.	Certificate regarding standard in quality as per specifications	Yes/No
14.	Make and Model No. of the machine	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 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/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.