

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

***E-TENDER NOTICE FOR SUPPLY & INSTALLATION OF MACHINERY EQUIPMENTS required at  
ADVANCED CANCER HOSPITAL, BATHINDA.***

## **E-Tender Form**

**( E-Tender enquiry for Supply and Installation of Hospital Machinery Equipments at  
Advanced Cancer Hospital, Bathinda.**

Tender Notification No :	<b>To be provided by the E-procurement portal of the Govt. of Punjab.</b>
Tender Notification Date:	<b>01/03/2019</b>
Requirement	<b>E-Tender notice for supply and Installation of Hospital Machinery Equipments for various Departments.</b>
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 Govt. as per their norms. (Non- refundable).
Earnest Money Deposit (EMD)	<b>Rs.50,000/- for each Equipment</b> to be quoted in shape of <b>Online Payment mode</b> 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). 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	<b>01.03.2019</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> <b>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>.</b>
Last date for downloading of the tender document:-	<b>26.03.2019 up to 12.30 pm</b>
Last date & time for uploading of the tender documents:-	<b>26.03.2019 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 in , Baba Farid University of Health Sciences, Faridkot
Date, time and venue for opening of the Price Bids	<b>02.04.2019 on the e- procurement portal of the Govt. of Punjab in, Baba Farid University of Health Sciences, Faridkot</b>
Who can be contacted for obtaining more information about the tender.	Director/ Medical Superintendent Advanced Cancer Hospital Bathinda 9781566786 E-mail: <a href="mailto:acibathinda@gmail.com">acibathinda@gmail.com</a> (on all working days from 9.00 a.m. to 5.00 p.m.)

# *Baba Farid University of Health Sciences, Faridkot*

*E-TENDER NOTICE FOR SUPPLY & INSTALLATION OF MACHINERY EQUIPMENTS required at  
ADVANCED CANCER HOSPITAL, BATHINDA.*

---

## **NOTICE INVITING E-TENDER**

**E-Tenders** are invited on or before **26.03.2019** from manufacturers or their authorized agents/distributors **for supply and Installation of Hospital Equipments required at Advanced Cancer Institute, Bathinda.** 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).

### **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 Online Payment mode in favor of Registrar, Baba Farid University Of Health Sciences, 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 Govt..
4. The **tenders will be opened online** by the next day from the last date of submission of tenders (by 5:00 p.m.) 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.
5. **The Price bids of technically qualified bidders will be opened** on 02.04.2019 at 2.30 p.m. 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.
6. The Registrar/Director reserves all rights to accept or reject any or all the tenders without assigning any reason.

Registrar

# *Baba Farid University of Health Sciences, Faridkot*

*E-TENDER NOTICE FOR SUPPLY & INSTALLATION OF MACHINERY EQUIPMENTS required at  
ADVANCED CANCER HOSPITAL, BATHINDA.*

---

## **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** of Rs.2000/- (non-refundable) may 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)** of Rs.50,000 /- for each Equipment may be deposited in shape of Online Payment mode only in favor of Registrar, Baba Farid University Of Health Sciences, 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 and or CE European Only or** 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. 2015-16, 2016-17 & 2017-18.
  - v) Copy of the IT Returns for three financial years i.e. 2015-16, 2016-17 & 2017-18.
15. Price should be quoted and **uploaded** only in Exel Sheet proforma at **Annexure-‘VI’**.

\*\*\*\*\*

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

***E-TENDER NOTICE FOR SUPPLY & INSTALLATION OF MACHINERY EQUIPMENTS required at  
ADVANCED CANCER HOSPITAL, BATHINDA.***

## **DETAIL OF EQUIPMENTS**

<b>Sr. No.</b>	<b>Name of Equipment</b>	<b>Qty Required</b>
1.	Grossing Station	01
2.	Embedding Station	01
3.	Realtime PCR	01
4.	Automated Blood Culture System	01
5.	Bronchoscope	01
6.	Gastroscope with Colonoscope	01
7.	Video Laryngoscope	01
8.	Adult Cysto-Resectoscope	01
9.	Imported High Definition Endo-Vision system for Laparoscopic System	01
10.	Binocular Microscope	04
11.	Deep Freezer minus 80 degree	02
12.	Colposcope	01

**Quantity may increase or Decrease or according to the requirement.**

### **Detail of Item with Specifications**

#### **1. Grossing Station**

The equipment should meet the following specifications:

1. The equipment should be a floor mounted model
2. There should be facility for video, audio recording and photography attachment. The photography attachment should have facility for enlargement.
3. There should be facility for digital measurement of grossing specimens.
4. There should be IT support for storage and retrieval of data recorded with TFT display and recording system.
5. There should be a formalin tank on top of the station with direct supply system to the work area.
6. Both water and formalin faucets should be available in the work area.
7. The station should be made of noncorrosive high grade stainless steel.
8. Exhaust with filters for formalin vapours should be available.
9. Sink should have removable filters on drain to trap debris/tissue bits.
10. Working area should have good illumination.
11. Magnetic front board should be available to stick instruments for grossing.
12. Approximate size should be- breadth 6ft, depth 3ft, working area height 3ft.
13. Sink with drain board would be preferred.

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

***E-TENDER NOTICE FOR SUPPLY & INSTALLATION OF MACHINERY EQUIPMENTS required at  
ADVANCED CANCER HOSPITAL, BATHINDA.***

---

## **2. Embedding Station**

The equipment should meet the following specifications:

1. Microprocessor controlled bench top unit with high specimen throughput.
2. Paraffin reservoir capacity should be a minimum of 3 liter
3. Paraffin reservoir temperature setting range from 45°C to 70 °C with +/- 1°C steps
4. Paraffin Wax level indication on display should be available
5. Ample cold plate to accommodate at least up to 60 blocks.
6. Refrigerated spot integrated in cold plate to assist tissue orientation
7. Cassette bath to store at least up to 100 cassettes
8. Cassette tray should have the capacity to contain at least 6-8 cassettes
9. Mold warmer temperature programmable from 35°C to 70°C with +/- 1°C steps
10. Work surface temperature programmable from 45°C to 70°C with +/- 1°C steps
11. Paraffin reservoir, cassette bath, mold warmer and work surface temperature should be individually temperature adjustable.
12. Instrument should be programmable for workdays, work starting time, work end time, real time and day of the week for Automatic switch on/off of the instrument.
13. 1-way paraffin flow rate adjustment must be available up to 100% flow.
14. Illuminated workspace for clear visibility of the processing.
15. Activation of paraffin flow via foot switch or using the pressure clip should be available.
16. Spacious paraffin collection tray to collect excess paraffin from work surface should be available.
17. Separately heated paraffin dispenser with temperature 45°C to 70°C depending up on the paraffin reservoir should be available.
  
18. Suppliers should have a good number of installation base with efficient after sales support with proven track record.
19. The equipment should be USA-FDA/European- CE approved.

## **3. REALTIME -PCR**

1. System should be based on Automated Real Time PCR technology including automated extraction and able to do rapid on demand molecular tests such as MTB, HIV, HPV, EV, BCR ABL, Flu etc.
2. System should be based on single cartridge use.
3. System should have cartridges which can perform TB detection from Pulmonary along with Rifampicin Sensitivity/Resistance.
4. System should have the cartridges for the quantitative detection of HIV Viral load, HPV beside other markers.

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

## ***E-TENDER NOTICE FOR SUPPLY & INSTALLATION OF MACHINERY EQUIPMENTS required at ADVANCED CANCER HOSPITAL, BATHINDA.***

- 
5. System should be controlled through stand-alone Laptop or Desktop PC.
  6. System should have at least 4 active modules (For Four Module System) Or 2 Active Modules (For Two module System) which are independently used and controlled for any test cartridge.
  7. System should offer 5 to 6 optic channels.
  8. Each active module should have solid state heater & forced air cooling.
  9. System should include built in (quality) control for all test steps.
  10. System should be able to perform on demand and random access.
  11. System should be easily connected to LIS or HIS if required.
  12. System should require no special (lab or PCR) environment to operate effectively.
  13. System should have the endorsement of WHO

### **4. AUTOMATED BLOOD CULTURE/MYCOBACTERIUM TUBERCULOSIS IS DETECTION SYSTEM**

5. The system should be fully automated and should be capable of detecting growth of the pathogenic micro-organisms from blood & sterile body fluid ( Should be US-FDA approved )
6. 2.The system should also have the facility of detection of Mycobacterium tuberculosis and other atypical Mycobacterium from the blood, blood fluids and sputum.
7. 3.The system should be able to detect fungal aerobic and anaerobic organism from blood.
8. 4. The system should have the capability to process sample of adult and pediatric patients.
9. 5. The system should have the capability of continuous monitoring of the clinical samples.
10. 6.It should have automated continuous instrument quality check facility.
- 7.The system should be provided with UPS and should be able to display growth kinetics on the screen. The system should modular and upgradeable for future requirements.
11. 8. The system should have the capability of analyzing and detection of delayed entry of specimens at growth, stationary and decline stage ( both log & log Phase )

### **5. RIGID BRONCHOSCOPE**

1. The tracheal and bronchoscope tubes should be made of high quality stainless steel.

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

### ***E-TENDER NOTICE FOR SUPPLY & INSTALLATION OF MACHINERY EQUIPMENTS required at ADVANCED CANCER HOSPITAL, BATHINDA.***

- 
2. The assembly should include a HD (High Definition) / High quality (3 chip CCD video) camera head fully compatible with the viewing telescope.
  3. The video processor provided should be compatible with the camera head and provide a high resolution output to medical grade flat screen high definition/resolution 20 inch or greater sized video monitor.
  4. There tracheoscope and bronchoscope tubes should be without a distal fiber optic light carrier.
  5. The tracheobronchoscope tubes should be of use with proximally insertable telescopes.
  6. The bronchoscopes should be durable and should be able to be cleaned with commonly used sterilizing solutions without affecting the surface of the scope.
  7. All the accessories should be compatible with the sheath
  8. The complete system should be covered under warranty of 5 years.
  9. A dedicated imported trolley for carrying the entire system and recording equipment should be provided
  10. The equipment should be USFDA or European CE approved
  11. A recording system to be provided which should have facility for recoding and storage of media in both image and video format and allow transfer on removable storage (either CD or USB flash drive)
  12. All metallic instruments and accessories should be autoclavable
  13. Operating voltage - Power 220 V 50 Hz AC .
  14. The system should include all the other possible accessories, UPS, power cables, fiber optic cables connectors etc to make the unit fully functional.
  15. The system should be provided with a laptop PC (Windows 7 OS, 750 GB Hard disc drive, 8 GB RAM, Core i-7 processor)
  16. Price of all the accessories as mentioned should be included within the quoted price.
  17. Rate list of all possible spares, accessories and consumables should be provided as part of the financial bid by the company.
- Technical Specification of Equipment:
- a) Zero degree straight forward viewing telescope with integrated fiberoptic light transmission, diameter 4.5 mm ,working length of 50 cm length- 1 No.
  - b) Zero degree straight forward viewing telescope with integrated fiberoptic light transmission, diameter 2.8 mm, working length of 44 cm - 1 No.

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

### ***E-TENDER NOTICE FOR SUPPLY & INSTALLATION OF MACHINERY EQUIPMENTS required at ADVANCED CANCER HOSPITAL, BATHINDA.***

---

- c) Tracheoscope tube size 6.5 mm, length at least 30 cm- 1 No.
- d) Tracheoscope tube size 12 mm, length at least 30 cm -1 No.
- e) Tracheoscope tube size 14 mm, length at least 30 cm for application of stents -1No.
- f) Bronchoscope tube size 6.5 mm, length at least 40 cm - 1 No.
- g). Bronchoscope tube size 11 mm for application of stents, length at least 40 cm1 No.
- h) Bronchoscope tube size 12 mm, length at least 40 cm-1 No.
- i). Bronchoscope tube size 14 mm, length at least 40 cm for application of stents – 1 No.
- j) Optical forceps, alligator -1 No.
- k). Optical forceps, cupped jaws for biopsy-2 Nos.
- l) Optical forceps, universal-1 No.
- m). Optical forceps for removal of coins and flat foreign body-1 No.
- n) Manual forceps alligator, diameter 2.5 mm at least 50 cm length-2 Nos.
- O) Manual forceps round cupped jaws for biopsy, diameter 2.5 mm at least 50 cm Length 1 No.
- p) Manual forceps universal, diameter 2.5 mm at least 50 cm length-1 No.
- q) Manual forceps for peanuts and soft foreign bodies at least 50 cm length-1 No.
- r) Foreign body basket with handle > 50 cm length- I No.
- s) Sponge holder forceps-1 No. 20. Cotton applicator forceps -1 No.
- t) Insulated coagulation tube with connector for unipolar coagulation 1 No.
- u) TONN Stent applicator system for deployment of silicon stents of diameter 14- 20 mm and 11- 13 mm consisting of Folding System, Clamping Rod, Loading Rod, Introducer Tube length 42 cm, with 2-ring handle and Pusher-1 Set (Red 1 and Green 1)
- v). Dedicated forceps for opening and deployment of silicon stents- 1 No.
- x) One set of boogies. 25. Silicone stent (3 each) : Tracheal stent with wall thickness 1.5 mm, Thin tracheal stent with wall thickness 1.0 mm, Bronchial stent with wall thickness 1.0 mm, Carina stent with wall thickness 1.0 mm, Total carina stent with wall thickness 1.0/1.3 mm
- y) Controlled Radial Expansion Balloon dilator (Wire Guided) size of 6-8 mm, 8-10mm, 10-12mm, 12-14mm-2 each.
- z) Each Balloon Inflation System for CRE Balloon-1 Set



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

### ***E-TENDER NOTICE FOR SUPPLY & INSTALLATION OF MACHINERY EQUIPMENTS required at ADVANCED CANCER HOSPITAL, BATHINDA.***

---

- aa) Should be accompanied with all accessories essential for the functioning of the equipment including:
  - ab) Prismatic Light Deflector - 5 pieces
  - ac) Rubber telescope guide - 20 pieces
  - ad) Glass window plug - 10 pieces
  - ae) Movable adaptor with sealing cap - 5 pieces
  - af) Injection cannula for positive pressure ventilation - 5 pieces
  - ag) Adaptor for respirator - 10 pieces
  - ah) Instrument guide - 10 pieces
  - ai) Rubber tipped suction catheter (4 mm) of at least 50 cm length with adaptor-1
  - aj) Adjustable head rest for positioning of patients head during the procedure -1
  - ak) Flexible suction catheters - at least 100
  - al) Cleaning brushes - 5 40. Equipment carrying case (for the tubes and forceps) – 1
  - am) Anti fog solution -30 ml - 15 bottles
  - an) High resolution 3 chip video camera CCU and head - 1 No. [3x1/2" CCD image sensor chip, Resolution : 750 lines - 800 lines horizontal. Picture element = 752 (h) x 582(v) pixels per chip, Min. sensitivity : 3 lux (f=1.4), AGC: + 18 db, signal toneise ration > 60 db., Camera should have integrated parfocal zoom lens, F=25-50mm, It should have DV output and image processing module and it should have image freeze function, Programmable control buttons on camera head for controlling, Gain , white balance shutter speed, video printer and recorder, Keyboard input . for data entry through built in character, Generator, Camera should be compatible with FBAS, S-VHS and RGB, Manual or automatic exposure control (1/50 sec. —1/10000), Should have automatic white balance with storage functions, For two white balance values, Unit should be certified to IEC 601-1, CE according to MDD.]
  - ao) LED (175-300 W) light source with cable compatible with the unit -1 No.
  - ap) High resolution medical grade flat screen 20 inch monitor for the system -1

## **6 GASTROSCOPE-**

1. Built in HDTV compatible CCD with close focus observation capacity.
2. Suitable for Narrow Band Imaging.

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

### ***E-TENDER NOTICE FOR SUPPLY & INSTALLATION OF MACHINERY EQUIPMENTS required at ADVANCED CANCER HOSPITAL, BATHINDA.***

---

3. Simmer, Lighter and possess high resolution image quality with larger image display size.
4. Fully immersible in disinfectant solution. No need to attached water resistance cap.
5. Should have inbuilt attached video cable.
6. In built scope identification memory chip for monitor display of scope"s model no. serial no. white balancing memory, no. of connections /cumulative uses etc.
7. Field of view : 140 degree or more
8. Direction of view : 0 degree, forward viewing
9. Depth of field : 2 to 100 mm or better
10. Distal end outer diameter : 9.2 mm or less
11. Insertion tube outer diameter : 9.2 mm or less
12. Tip Bending range : Up 210 deg. Dn 90 deg. Lt& Rt 100 deg.
13. Working length : 1030 mm or more
14. Channel inner diameter : 2.8 mm or more
15. Minimum Visible distance of : 3 mm or closer from distal end Instrument used thru channel

#### **Colonovideoscope(Specs)**

1. Built in HDTV compatible CCD with close focus observation capacity.
2. Suitable for Narrow Band Imaging.
3. True to life colour reproduction, with High resolution images.
4. Fully immersible in disinfectant solution. No need to attached water resistance cap.
5. Adjustable stiffness (Controllable by knob at control section).
6. In built scope identification memory chip for monitor display of scope"s model no. serial no., white balancing memory, no. of connections/ cumulative uses etc.
7. Auxiliary water jet for mucosal cleansing
8. Field of view : 140 degree or more
9. Direction of view : 0 degree, forward viewing
10. Depth of field : 2 to 100 mm or better
11. Distal end outer diameter : 12.8 mm or less
12. Insertion tube outer diameter : 12.8 mm or less
13. Tip Bending range : up & Dn 180 deg. Lt & Rt 160 deg.
14. Working length : 1680 mm or more
15. Channel inner diameter : 3.7 mm or more

#### **Video Processor/Light source. Specs.**

1. Should be a Compact Processor, inbuilt or separate long life LED/300 watt Xenon light source.
2. Should be able to provide 16:9 and 16:10 output for a HDTV monitor and should be compatible with Analog and digital (HD-SDI and DVI output) to reproduce high definition images/video.
3. Should be equipped with special detection technology for detailed observation by enhancing visibility of blood capillaries & mucosa
4. Should contain portable memory (minimum 2 GB) & USB Slot for image recording and minimum 1 GB internal buffer memory of processor.
5. Should have automatic white balance.
6. Should be able to function Picture in Picture display & Index functionality.
7. Should be equipped with memory back up for settings & Lithium battery.

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

## ***E-TENDER NOTICE FOR SUPPLY & INSTALLATION OF MACHINERY EQUIPMENTS required at ADVANCED CANCER HOSPITAL, BATHINDA.***

---

8. Should have pre-freeze function to select the clearest still image automatically and noise reduction technology.
9. Should have structure enhancement A for better observation of larger mucosal tissues in lower GI and structure enhancement B for better observation of vascular tissues in upper GI.

### **High Definition LCD Monitor:**

1. 21-26 inch full HD LCD medical grade monitor with high resolution.
2. Lower Power Consumption.
3. Aspect ratio 9:16 & 10:16 with output of RGB or YPbPr.
4. Trolley- Metallic
5. Computer & Reporting Software with Printer.

## **7 VIDEO LARYNGEOSCOPE**

### **Specifications of Video Laryngoscope:**

Laryngoscope required with video illumination to visualize and document the operational area on screen. It should consist of following features:

1. Required is Macintosh blades with closed European Metal finish one adult size with integrated camera chip and LED light illumination for obtaining more than 50000 Lux of brightness.
2. Mac blade should not require any stylet for tube placement.
3. Screen minimum 7 inch or more in size for display with feature control buttons on the screen with HDMI or HD output for connecting to a big screen.
4. Two output ports with monitor to connect flexible intubation endoscope and video laryngoscope at one time and toggle button-to use the same once at a time.
5. Automatic/manual white balance facility should be available Documentation of Video & still images should be possible on data card or USB drive with JPEG and MPEG4 format which can be easily transferred to the computer/laptop.
6. Documented videos & still images should be easily recalled on the monitor.
7. Monitor should have a facility to connect flexible scope directly without any special coupler or accessory.
8. Integrated recording should be done on a USB drive.
9. Soft bag should be supplied to place the monitor and system can also be operated without taking monitor out from the bag.

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

***E-TENDER NOTICE FOR SUPPLY & INSTALLATION OF MACHINERY EQUIPMENTS required at  
ADVANCED CANCER HOSPITAL, BATHINDA.***

---

IV Stand for positioning the monitor, with tray for laryngoscopes should be provided  
Electronic Module to connect blades with monitor suitable for manual and mechanical  
disinfection up to 60° C;High Level Disinfection (HLD), for use with video laryngoscopes.

## **8. ADULT CYSTO-RESECTOSCOPE**

1. **Telescope :**  
4 mm, 30 degree, autoclavable with detachable eye-piece & having instrument tray for sterilization purposes with fixing system of telescope.
2. **Light Guide Cable :**  
3.5 mm autoclavable type light guide fiberoptic cable
3. **Sheaths, Working element and Instruments :**  
The System should have quick snap on mechanism. Sheath should have matt finish for staying of lubrication gel to reduce friction trauma to the patient. Maintenance free stopcocks needing no lubrication, tip design with lifelong guarantee against thermal damage, modular sheath with single and continuous flow to rotatable sheath.
4. Cystoscope sheath 22.5 fr. - 1 no.
5. Cystoscope sheath 19-20fr with obturator - 1 no.
6. Bridge, two way port - 1 no.
7. Biopsy Forceps 7 fr.x330 mm - 1 no.
8. Flexible Grasping Forceps 7 fr.x330 mm - 1 no.
9. Flexible Scissor 5Fr - 1 no.
10. Inner sheath with standard obturator, 24 Fr. - 1 no.
11. Outer sheath, 2 stopcocks, rotatable, 26 Fr. - 1 no.
12. Working Element, Passive type - 1 no.
13. Cutting loop electrode - 12 no.
14. Coagulation roller electrode - 12 no.
15. Needle electrode - 12 no.
16. HF-cable, Monopolar - 1 no.
17. Ellick Evacuator - 1 no.
18. Two way Irrigation Port for 24 Fr Intermittent Flow TUR - 1 no.
19. 21Fr OIU sheath with standard Obturator - 1 no.
20. Working element compatible with above sheath - 1 no.
21. Cold Knife compatible with OIU - 1 no.

## **9. Imported High Definition Endo-Vision system for Laparoscopic System**

1. Should have Superior Quality High Definition 3D Vision and with 2D VIDEO, STILL storage, in USB
2. The system should be through & Through digital with distal Image sensors.
3. Camera function controllable in STERILE/UNSTERILE Area Max resolution of 20lac pixels, Progressive Scanning and should support 16:9 format
4. Should have the option to view the images in 2D Digital Zoom
5. Should be supplied with a 32 Inch 3D Medical Grade Monitor from OEM
6. Should have 3D DVI output for Dual Streaming Color System PAL / NTSC, Power supply: 100 - 240 VAC, 50 / 60 Hz.

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

### ***E-TENDER NOTICE FOR SUPPLY & INSTALLATION OF MACHINERY EQUIPMENTS required at ADVANCED CANCER HOSPITAL, BATHINDA.***

- 
7. Consisting of: Should be supplied with 3D Polarized Glasses – 15 in Number
  8. Should be supplied with Wire basket for cleaning, sterilization and storage of the 3D scope
  9. Should have USFDA and European CE APPROVED 3D CAMERA CONTROL UNIT Mains Cord
  10. 3D OUTPUT , 1 x DVI - Connecting cable, 180 cm, 1 x DV - Connecting Cable, 500 cm SCB - Connecting cable 100 cm and 3G SDI output – Optional
  11. Should Have a system of optical image enhancement to view capillary vessels and fine patterns in the superficial layers or mucosa for early detection of recurrence
  12. Keyboard set. For Patient Information editing and camera controls functions
  13. 3D Camera Head with Integrated 3D laparoscope  
Max resolution 1920 x 1080 pixel, Progressive Scan, 50 Hz with 3 freely programmable buttons Depth of Focus – 20-100 mm or better Image Sensor 2 Full HD CMOS/CCD  
Light Weight < 500 gms Direction of view 30 degree (Rigid or Flexible tip) – One outer diameter 10mm Effective Length > 300mm
  14. 3D LCD MEDICAL GRADE MONITOR LCD  
Panel: 32 Inches- 2 in Number with connecting cables (from OEM).  
Aspect Ratio = 16:10, Desktop/ Mountable  
Color System: PAL / NTSC. Resolution: 1920 x 1080, SDI, Composite, S - Video, RGB, DVI & VGA Inputs.  
Vertical/Horizontal Viewing Angle: 178
  15. **PICTURE IN PICTURE MODE** Operating conditions : 5°C -35°C Relative humidity 30% to 85%  
Power Supply: 100 - 240 VAC, 50 / 60 Hz  
Carbon Dioxide Insufflator: Qty 1
    1. Flow rate 35- 45 Liter/min
    2. High flow with LCD display
    3. Microprocessor controlled & Software driven for upgradeability
    4. Soft approach pressure control for safe recovery of abdominal pressure
    5. Should have Neonatal mode & visual and audible alarms with min 0.1 L flow rate
    6. Internal leakage detection capability
    7. Integrated Gas heating
    8. Having internal venting system for safety
    9. Should have video on screen display
    10. Unit should include heated tubing, hose & yoke
    11. Should be able select either central supply (4.5 kg/cm<sup>2</sup>) input pressure from central supply as well as direct connection to high pressure CO<sub>2</sub> cylinder and should indicate the right inlet pressure of CO<sub>2</sub> gas supply of front panel of machine.
    12. Should be USFDA and European CE approved.
    13. Should be supplied with stand alone dedicated 3D (Full HD) Recording system which not only can record 3D and 2D Laparoscopic Surgeries but can edit, delete or merge the videos and images. The internal storage capacity should be 1 TB or more.
    14. Powerful 300W Xenon Light Source:
      - a) A Powerful 300 Watt Xenon Lamp with emergency lamp facility
      - b) Should be supplied with 5 spare Lamps
      - c) Automatically adjusts light intensity to achieve ideal illumination

- d) Built-in special filter for early Cancer detection , for Optical image enhancement to view the capillary vessels and fine patterns in the superficial layer mucosa for early detection and recurrence of lesions.
- e) Backlit front panel indicators.
- f) Compact & light weight design. Should be USFDA and European CE approved. Should be supplied with all compatible cables and accessories to make the system functional.

**10. BINOCULAR MICROSCOPE**

- 1. Complete set illuminator Binocular head.
- 2. In-built 6V 20W halogen light illuminator.
- 3. Anti-Fungus Plan Achromatic Objectives 4x, 10x, 40x (spring) & 100x (oil, spring).
- 4. Paired eyepieces wide field 10x (F.N.20)
- 5. Infinity Optics providing image flatness.
- 6. Seidentopf observation head for individual choice of adjustment.
- 7. Anti-fungus treatment for component durability.
- 8. High eye point design eyepiece (F.N.20).
- 9. Interchangeability of Objectives.
- 10. Condenser & the light relay system fitted with high performance aspheric lenses for bright & uniform illumination.
- 11. Window in arm & the Ergonomic design for user convenience.
- 12. Illumination system through SMPS circuit for constant voltage output.
- 13. Rackless stage with mechanical stage focus.
- 14. Accessories: Extra halogen lamp: I/microscope.
- 15. A copy of satisfactory performance certificate from an institution of national importance should be attached.
- 16. Model offered should be made clearly mentioned in the tender documents with providing coloured catalogue/pamphlets of the microscope displaying the complete specs.

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

***E-TENDER NOTICE FOR SUPPLY & INSTALLATION OF MACHINERY EQUIPMENTS required at  
ADVANCED CANCER HOSPITAL, BATHINDA.***

---

## **11. DEEP FREEZER MINUS 80 DEGREE**

1. fully programmable microprocessor controlled with membrane keypad
2. Upright (Vertical) freezer, 17 cu ft or more
3. Capacity : 410 to 440 liters
4. Two compressors of 1 horsepower
5. Two 10" tubeaxial fans to provide maximum cooling of the compressor Housing
6. Number of Compartments : Five
7. Adjustable, Stainless Steel Shelves : four
8. Interior: Stainless Steel Grade 304 L
9. Down-feed evaporator
10. Operating Temperature : Programmable, -86oC or lower
11. Adjustable Temperature control in 1oC increments
12. CFC & HCFC – Free Refrigerants
13. Hermetically sealed two stage Cascade Refrigeration System with preferably triple sealing
14. Audible & Visual Alarms for Fault Diagnosis
15. Inbuilt Rechargeable battery back up
16. Electrical Requirement : 220 – 240 V/50 Hz, Single Phase
17. With 5KVA Voltage stabilizer
18. With Chart Recorder, Chart Recorder Papers and Chart Recorder Pens
19. With Freezer Racks (15 or more) for complete freezer
20. Heavy-duty dual wheel swivel locking casters.
21. Powder coat paint for a durable surface
22. Service valves provided to allow easy recovery of refrigerants and field servicing.
23. Front to back airflow with Removable, cleanable air filter
24. Hinged grill swings out for easy access to filter and battery
25. Temperature probe must be positioned to insure the alarm sounds before the stored product can be affected by a rise in temperature
26. Battery back-up for the alarm monitoring system
27. CERTIFICATIONS - European CE / USFDA Manufactured by an ISO-9001 company
28. Accessories- cryogloves, replaceable air filters.

## **12. COLPOSCOPE**

**High Definition Digital Video Colposcope with Image Management System.**

### **Technical Specification:**

1. Should have >1000 TV Lines std. >1200 TV Lines (Gamma ON)
2. Should have Full HD – 1920 x 1080 resolution
3. Should have CCD sensor – (1/3 type Exmor CMOS sensor)
4. Should have aspect 16:9(HD)
5. The video colposcope must have magnification from min.1x to max.45x
6. Facility to increase and decrease the light intensity
7. Should have 20,00,000 no. of pixels

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

### *E-TENDER NOTICE FOR SUPPLY & INSTALLATION OF MACHINERY EQUIPMENTS required at ADVANCED CANCER HOSPITAL, BATHINDA.*

- 
8. Should have Full HD component output: Y PbPr.●
  9. Magnification indicator should be on the video colposcope.●
  10. High MCD super bright white shadow less LED light for true color reproduction.
  11. Color temperature should be 7000<sup>0</sup> k, light source life should be minimum 20000 hrs.
  12. Auto focus range should be up to 30-40cm
  13. Facility for fast focusing, zooming, image freeze using thumb on the hand held unit itself.
  14. Acetic test timer and magnification indicator should be displayed on screen.
  15. There must be Electronic Green Filter in the hand-held unit without decrease in Illumination.
  16. Control panel should have feather touch and water proof buttons
  17. Facility for Fast auto/manual focusing
  18. Internal Image freeze function facility
  19. It should be equipped with Gamma Processor to enhance vascular structure
  20. Should be integrable to LAN and HIS
  21. Should be USFDA or European CE approved.
  - 22. Company should provide Colposcopy Image Management software with computer with following facilities:- Upgradable software**
    - A) Should have facility to generate Cryo-Surgery report
    - B) Should have facility to masking, marking and highlighting of any abnormalities.
    - C) Image capturing while recording/playing
    - D) Final reports with one, two, three & four images with facility to adjust height & width of images. Referral linked images with findings for comparison.
    - E) Should be able to show three visits of patient on search of patient ID with display of all 3 visits simultaneously.
    - F) Facility to save & send the report through e-mail in pdf format Online support facility (through internet) for software
    - G) Colposcopy software should run on window 8 / Windows XP software
    - H) Facility to take colposcopy images with the colposcopy report on hard copy
    - I) Facility to store still images, cine loop or procedure on CD
    - J) Software should be compatible with both desktop & Laptop, no need of separate capture card. Should have REID evaluation chart in tabular form
  - 23. Company has to provide Desktop Computer with:**
    - a) CPU Intel Core i5 RAM 4 GB Hard Disk: 500GB, Window 8, Home Basic or better DVD Writer, Inkjet Printer.
    - b) Computer should be fitted in imported fiber body workstation**Company should provide: 24" Flat Screen High Definition Monitor.**
    - a) Should be high Definition (HD) of 24" with wide screen.
    - b) Should have resolution of 1920x1200 (WUXGA)
    - c) Should be fully compatible with OR video control applications
    - d) Should have surgeon specific user selectable setting
    - e) Should have low voltage DC power input, 24V
    - f) Should have Class-I Medical Device Certification
    - g) Should have fastest response time (10-15ms)
    - h) Should have PIP facility
    - i) It should consist of Multi-Modality Image viewing inputs:HD-SDI, HD-RGBS/Y,Pb, Pr, DVI, VGA, SVideo Composite: Syn-On-Green



# *Baba Farid University of Health Sciences, Faridkot*

*E-TENDER NOTICE FOR SUPPLY & INSTALLATION OF MACHINERY EQUIPMENTS required at  
ADVANCED CANCER HOSPITAL, BATHINDA.*

---

## TERMS AND CONDITIONS

**FOR SUPPLY AND INSTALLATION OF Hospital Equipments for various  
Departments Required at ADVANCED CANCER HOSPITAL, BATHINDA.**

### 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.

\*\*\*\*

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

***E-TENDER NOTICE FOR SUPPLY & INSTALLATION OF MACHINERY EQUIPMENTS required at  
ADVANCED CANCER HOSPITAL, BATHINDA.***

## **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.2000/-</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 of Rs.50,000 /- for each Item in the shape of Online mode only in favor of Registrar, Baba Farid University Of Health Sciences, Faridkot On or before due date.	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. 2015-16, 2016-17 & 2017-18 uploaded.	Yes/No
12.	Copy of the IT Returns for three financial i.e. 2015-16, 2016-17 & 2017-18 uploaded.	Yes/No
13.	Certificate regarding USFDA or CE European <b>Only or as per required in specifications</b> 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.

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

***E-TENDER NOTICE FOR SUPPLY & INSTALLATION OF MACHINERY EQUIPMENTS required at  
ADVANCED CANCER HOSPITAL, BATHINDA.***

---

---

**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 ACI, Bathinda, 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

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

***E-TENDER NOTICE FOR SUPPLY & INSTALLATION OF MACHINERY EQUIPMENTS required at  
ADVANCED CANCER HOSPITAL, BATHINDA.***

---

**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 Hospital Equipments at ACI, Bathinda.**

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.**

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

***E-TENDER NOTICE FOR SUPPLY & INSTALLATION OF MACHINERY EQUIPMENTS required at  
ADVANCED CANCER HOSPITAL, BATHINDA.***

---

---

**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)

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

***E-TENDER NOTICE FOR SUPPLY & INSTALLATION OF MACHINERY EQUIPMENTS required at  
ADVANCED CANCER HOSPITAL, BATHINDA.***

---

---

**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	

**PRICE BID**

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