



E-TENDER ENQUIRY DOCUMENT

FOR PURCHASE OF  
Medical equipments of General Surgery department



EMPLOYEES' STATE INSURANCE CORPORATION  
 MEDICAL COLLEGE & HOSPITAL  
 SANATH NAGAR, HYDERABAD-38.  
[E-mail-ms-nacharam.ts@esic.in](mailto:E-mail-ms-nacharam.ts@esic.in)  
 Phone no.- 040-23701096, 23814852

Tender Enquiry No; 799-D/28/2018-19/MEETE-22

Date: 10/01/2019

Sub; Invitation of E-Tender for the supply of Medical equipments

**E-TENDER NOTICE No.22/2018-19**

E-Tenders in Double bid system are invited from manufacturers / authorized dealers / distributors for the supply of medical Equipments / Instruments for the department of General Surgery for ESIC Medical College & Hospital, Sanathnagar, Hyderabad – 38.

Detailed information regarding the items, application / tender forms, EMD details, specifications, terms and conditions can be downloaded from the following websites: [www.esic.nic.in](http://www.esic.nic.in)

The interested bidders shall submit their tender(s) through online mode at the e-procurement portal <https://esictenders.eproc.in>

All the bidders are requested to participate the tenders online through the website <https://esictenders.eproc.in/EMD> should be submitted by the bidder in the form of DD and the same should reach this office before the closing time of the tender.

No need of submitting the hard copy of the bid.

Any corrigendum to this tender will be notified through the aforesaid websites only.

The undersigned reserves the right to accept or reject any or all the bids without assigning any reason at any stage.

**Equipments List**

S.No	Item	Qty
01	Laproscopy set	01
02	Upper GI endoscope & colonoscope	01
03	Telescope 10mm-0 degree	01
04	Telescope 10mm-30 degree	01
05	Telescope 5mm- 30degree	01
06	Endovenous radio frequency ablation device	01
07	Portable ultra sound machine	01
08	Ultrasound cutting and coagulation device	01

The schedule for different activities is as below:

S.No.	Description /Name of the Dept.	Schedule
I	E-Tender document available at ESIC website / e-procurement portal <a href="https://esictenders.eproc.in">https://esictenders.eproc.in</a>	10:30AM 10.01.19
II	Last date and time for submission of completed Tender forms through on-line& for the receipt of EMD	Upto 04:00PM 30.01.19
III	Date of pre bid conference(Offline)	At 02:30PM 17.01.19
IV	Date and Time for Opening of Technical Bids	10:30AM on 31.01.19
V	Estimated contract value	One crore rupees
VI	EMD	2% on quoted value
VII	Performance Security	10% on contract value
VIII	Validity of the bid	90days from the opening of the bid

If the date of opening of tender happens to be a holiday, the tender will be opened on the next working day.

For Dean

## TENDER DOCUMENT

The Dean, ESIC Medical College, Hospital, Sanathnagar, Hyderabad, invites e- tenders from eligible and qualified Bidders for the supply of Medical equipments proposed to use for ESIC Medical College & Hospital, Sanathnagar, Hyderabad.

## EMD

Bidder has to submit the Earnest Money Deposit (EMD) in the form of demand draft drawn in favor of "ESI Fund Account No. I" payable at Hyderabad.

The EMD should reach this office through register post/courier/Speed post before the closing time of the tender

Please mention the tender enquiry number on the envelope and equipment name on the back side of the Demand draft.

All Tenders must be accompanied by EMD as 2% of quoted value. Bids without EMD shall be rejected.

For DEAN

ANNEXURE – ICOMPULSORY DOCUMENTS (OR) CHECK LIST

Compulsory documents for Technical Bid :

S.No.	Title	Status (Fill Yes or No)	Page No.(all documents to be serially numbered by the bidder)
1	Have you submitted EMD ? Please mention value of EMD & Date of issue from Bank.		
2	Have you Submitted tender document downloaded from ESIC website and signed in all pages?		
3	Have you submitted the certificate stating the name of the equipment, make and model that you have quoted?		
4	Have you submitted Equipment Specific manufacturer's authorization?&Authorization of the name of the person(Firm)on which the the tender is participated in E-Procurement portal.		
5	Have you submitted certificate of incorporation/Firm Registration/Valid trade license .		
6	PAN Card of the Company/firm/Proprietor		
7	GST Registration certificate.		
8	Have you furnished IT Return, Balance Sheet and Profit & Loss Account for last three years prior to the date of Tender opening i.e. Financial Years 2017-18, 2016-17,2015-16		
9	Have you accepted all terms and conditions of TE document?(Annexure-V)		
10	Have you submitted the declaration certificate of pending vigilance(Annexure-VI)		
11	Purchase Order copies in the bidder's name for having supplied the quoted equipment to Government Hospitals/reputed institutions for last three years(2015-16,16-17&17-18)		
12	Satisfactory Performance Certificate from the users for the quoted equipment for last three years(2015-16,16-17&17-18)		
13	Certificate that the quoted items have not been supplied to any other organization/institution at a rate, lower than quoted here in last 3 months		
14	Certificate for at least 2 years warranty(Annexure-VII)		
15	Certificate for at least 5 years CMC after warranty(Annexure-VIII)		
16	Certificate giving the address of the authorized service centre in Hyderabad		

B Compulsory documents for Price Bid : (Fill Yes or No)

1	Price for the quoting equipment along with CMC(Annexure-IX)	
2	Price Catalogue for all spares/consumables/reagents of the equipment (if any) for five years after warranty period(Annexure-X)	

**ANNEXURE - II****Important Instructions for Bidders regarding Online Payment****All bidders/contractors are required to procure Class-IIIB****Digital Signature Certificate****(DSC) with Both DSC Components i.e. Signing & Encryption****to participate in the ETenders.****Bidders should get Registered at <https://esictenders.eproc.in>.****Bidders should add the below mentioned sites under Internet Explorer****Tools****Internet Options Security Trusted Sites Sites of Internet Explorer :****<https://esictenders.eproc.in>****<https://www.tpsl-india.in>****<https://www4.ipg-online.com>****Also, Bidders need to select “Use TLS 1.1 and Use TLS 1.2” under****Internet Explorer****Tools Internet Options Advanced Tab Security.****Bidder needs to submit Bid Processing Fee charges of Rs. 2495/- (nonrefundable)****in****favour of M/s. C1 India Pvt. Ltd., payable at New Delhi via****Online Payment Modes such as****Debit Card, Credit Card or Net Banking for participating in the****Tender. Bidders can contact our Helpdesk at****<https://esictenders.eproc.in/html/Support.asp>**

TENDER TERMS AND CONDITIONS

1. Tenders will be opened in the M.S Office at ESIC Medical College & Hospital, Sanathnagar, Hyderabad-38, on the stipulated date and time in the presence of the Bidders / representatives who choose to be present.
2. The two parts of the bids i.e. Techno - commercial (Unpriced Bid) and Price bid prepared by the Bidder shall comprise of the following:
  - (A) Technical Bid  
Bidders should submit the documents as per the checklist A mentioned in Annexure-I
  - (B) Price Bid  
Bidders should submit the documents as per the checklist B mentioned in Annexure-I
- 3). The quoted price should be all inclusive lump sum price offered for each item including cost of the equipment, freight, Insurance, transit insurance, packing forwarding etc., and including charges for installation and commissioning with all men and material required for the same and including charges for the quoted warranty period. Rates and GST must be quoted separately.
- 4). The rates quoted should be F.O.R ESIC Medical college Hospital, Sanathnagar, Hyderabad. No other charges in addition will be payable on any account over and above the lump sum price quoted in the price bid. The rates quoted in ambiguous terms such as "Freight on actual basis" or "Taxes as applicable extra" or "Packing forwarding extra" will render the bid liable for rejection.
- 5). Only Techno - commercial bid (un-priced bid) will be opened first on the date mentioned in the presence of bidders who chose to be present. The price bid of the firm whose equipment is technically viable fulfilling the specifications and all other conditions alone, will be considered for evaluation.
- 6). For imported goods, the price quoted shall not be higher than the lowest price charges by the Bidder for the goods of the same nature, class or description to a purchaser, domestic or foreign or to any organization or department of Govt. of India.
- 7). If it is found at any stage that the goods as stated have been supplied at a lower price, then that price, with due allowance for elapsed time will be applicable to the present case and the difference in cost would be refunded by the supplier to the purchaser, if the contract has already been concluded.  
Tender currencies:  
The Bidder supplying indigenous goods shall quote only in Indian Rupees.
13. Bid Security (EMD) : Each tender must be send the EMD as mentioned against the equipment in the form of Demand Draft only drawn in favour of "ESI Fund Account No.1" payable at Hyderabad. The tenders not accompanied by EMD are liable for rejection.. The EMD of unsuccessful Bidders shall be refunded after the award of tender to the successful tenderer.
14. Only the manufacturers or their authorized distributor/stockist would be considered for the tender.
15. The contract should not be sublet without the prior written permission of the Dean.
16. Either the authorized Indian agent on behalf of the principal/OEM or principal/OEM himself can bid but both cannot bid simultaneously for the same item/product in the same tender.
17. If an agent submits bid on behalf of the principal/OEM, the same agent shall not submit a bid on behalf of another principal/OEM in the same tender for same item/product.
18. Successful bidder shall not be entitled to any rate revision of price for any reason except that allowed by Government of India.
19. The rates quoted should be valid for one year from the date of approval of the Tender and the quantity mentioned is on the basis of present requirement which are to be supplied within the period mentioned in the tender. During the currency of Tender, orders are to be executed by the successful Bidder at the tender rate as per future requirements, therefore the quantity in the tender is indicative only and likely to increase.
20. For the equipment where reagents, cartridge, other consumables, etc. are required the price bid must include: A) The rate list indicating the prices of the consumables prevalent on the date of tendering B) List should indicate the cost and life of consumables C) The rate for reagents, consumables etc. should remain constant for five years.
21. The equipments should be Guaranteed/ Warranted (Comprehensive) for a minimum period of two years from the date of satisfactory installation and inspection.  
No need of submitting the quotation of AMC/CMC for the items costing below Rs 20,000/-
22. Firm should undertake to enter into Comprehensive Maintenance Contract (CMC) for equipment (mandatory for all equipments in double bid system) for a minimum period of five years after completion of warranty period and accordingly quote the rates of CMC for five years. The rates for CAMC (Comprehensive) should not exceed 10% per annum, of the unit cost of the equipment on the date of purchase. Firm should undertake to keep the equipment in running order throughout the year and in case of equipment going out of order during warranty CAMC the fault should be attended within 24 hours and rectified within 7 days of lodging the complaint.
23. If the equipment needs calibration, the firm shall be responsible for calibration as part of CMC.

24. Bidder should be able to demonstrate (dry Demo and wet Demo) the product quoted by them, to the Technical evaluation Committee in Hyderabad or nearby within the due date after the check list evaluation of the Bidder.

25. The company will get only one chance for demonstration. In case, the company fails to arrange the demonstration; the tender shall be liable for cancellation.

26. The date for demonstration shall be fixed with mutual consent on telephone/e-mail and the same shall be confirmed in writing or by fax. In any case, not more than two weeks time shall be given to arrange for demonstration.

27. The successful bidder should furnish Performance Security Deposit @ 10% of the value of the contract.

28. The Dean ESIC Medical College & Hospital, Sanathnagar, Hyderabad will be at liberty to terminate the tender proceedings without assigning any reasons thereof. The bidder will not be entitled for any compensation whatsoever in respect of such termination.

29. No articles shall be supplied to the hospital except on requisition in writing signed by the Dean or by an officer authorized by him/her in writing to do so.

30. The successful bidder should strictly adhere to the mentioned delivery schedule. Supply, installation and commissioning should be done within the prescribed period on the supply order that is 45 days for Indian make items and 60 days for foreign make items. If the successful bidder fails to execute the supply within prescribed period, penalty of 2% of the value of the order calculated at the contracted rate per week or a part of the week will be recovered subject to maximum of 10%. The Medical Superintendent has right to recover the damages for breach of contract/order to forfeit the Earnest Money.

Performance security: In case of Equipments the successful bidder has to deposit the 10% of total amount of the total cost as the performance security with Medical Superintendent in the form of Banker's Cheque/Demand Draft, in favour of "E.S.I Saving Fund Account No.1 payable at Hyderabad" which will be released after completion of warranty period and on receiving the satisfactory performance certificate from the user department.

31. Penalty clause. In the event of equipment going out of order the fault shall have to be attended within 24 hours of lodging the complaint. During the Warranty/Guarantee period in the event of equipment remaining out of order beyond a period of 7 days of lodging the complaint a penalty to extent of 0.25% of purchase value of the equipment shall be levied for each day of the equipment remaining non functional.

During AMC/CMC period In case the equipment is not restored in functional order within a week, a penalty of 0.5% of total cost of AMC/CMC of the equipment per day for the period of equipment remaining out of order will be levied. The contract includes ..... No's preventive maintenance visits, "n" number of break down calls. Break down calls have to be attended within 24hrs.

*All the repairs/calibrations have to be taken up within the hospital as far as possible. The equipments will be allowed to be taken out with the permission of competent authority only.*

If the equipment needs calibration, the firm shall be responsible for calibration as a part of AMC/CMC.

All other terms and conditions will be followed as per the tender document.

DEAN reserves the right to reject/accept any or all points/modifications in the terms and conditions without assigning any reason thereof. No Correspondence will be entertained in this regard.

32. Tender selection will be made on the basis of total cost (Technically qualified bids) mentioned in the price bid column M of the Annexure –VII

33. If no tender with purchase order in the name of bidder is received, then those tenders with purchase orders in the name of manufacturer or for same product (Make & Model) to the GOVT Hospitals/Institutions or reputed institutions will be considered in respect of S.No.09 of the checklist. The same clause will be applicable with respect to S.No.10 of the checklist.

COMPANY PROFILE

1 Name of the firm

2. Full Address:

3 Telegraphic Address/E-mail Id:

4. Telephone No.

5. Telex/Fax No.

6. Date of Establishment of firm:

7. Is Your Firm registered under

- a. The Factories Act
- b. Companies Act
- c. Any other Act

8. Name & address of your Bankers.  
Stating the name in which the  
Account stands  
(Please give Account details)

11. Are you on the list of approved?  
Contractors of any other authority  
(if so please give details)

12. Give details of any Govt. contract  
Executed during the last 12 months

13. Are you a Manufacturer? If so  
Please furnish the items you  
Manufacture

14. Are you a small scale industry?  
Registered with the appropriate  
Authority. If so furnish details

15. Are your products certified by ISI?  
If so furnish details

16. Any other information which you  
Consider necessary to furnish

DATE

SIGNATURE:

NAME & ADDRESS:



**DECLARATION FORM (Terms & Conditions)**

We .....having our office at.....do declare that we have carefully read all the conditions of Tender for the supply of ..... and abide by all the conditions set forth therein by the **Dean**, ESIC Medical College & Hospital, Sanathnagar , Hyderabad-38 .

DATE:

SIGNATURE:

SEAL:

NAME &amp; ADDRESS:

**DECLARATION FORM (Vigilance)**

We declare that no central vigilance case is pending or existing on our firm name.

DATE:

SIGNATURE:

SEAL:

NAME & ADDRESS:

**WARRANTY CERTIFICATE FOR THE SUPPLY OF MEDICAL EQUIPMENT**

I / we \_\_\_\_\_ do hereby undertake to provide warranty for the equipment\_\_\_\_\_ for a period of two years from the date of satisfactory installation of the said equipment in your Hospital premises.

**Signature of Bidder with date and seal**

**CMC CERTIFICATE FOR THE SUPPLY OF MEDICAL EQUIPMENT**

I / we \_\_\_\_\_ do hereby undertake to provide CMC for the equipment \_\_\_\_\_ for a period of five years after the completion of the warranty period of the equipment.

**Signature of Bidder with date and seal**

**Annexure-IX****PRICE BID SCHEDULE**

S.No	Description of the item (Make & Model)	Quantity A	Unit Cost(Rupees) B	GST(%) on the Value of Item C	GST(Rs) D	Unit Cost Including GST E=B+D	Total Cost(Rupees) F= AxE	1 <sup>st</sup> yearCMC charges(Rs)(Incl.Tax) G	2 <sup>nd</sup> yearCMC charges(Rs)(Inclu.tax) H	3 <sup>rd</sup> yearCMC charges(Rs)(Inclu.Tax) I	4 <sup>th</sup> year CMC Charges(Rs)(Incl.Tax) J	5 <sup>th</sup> Year CMC charges(Rs)(inclu.Tax) K	Total CMC Charges L=G+H+I+J+K	Total Cost of the Equipment including CMC M=F+L

Name \_\_\_\_\_

Business Address \_\_\_\_\_

Place: \_\_\_\_\_

Date: \_\_\_\_\_

Signature of Bidder \_\_\_\_\_

Seal of the Bidder \_\_\_\_\_



## **SPECIFICATIONS**

### **Technical Specifications for 10 mm-0 degree TELESCOPE**

- It should have High Definition optics for better vision
- It should have achromatic lens to reduce color fringe effect
- It should have spherical lens to reduce image distortions
- It should have better shock absorber design for the long durability of lens
- It should have a working length of 30 – 33 cm for laparoscopy applications
- It Should have a better Field of View in between 70 - 80 deg
- It should be compatible with autoclave, ETO & plasma sterilization
- It should be available in 0 deg for different applications.

### **Technical Specifications for 10 mm-30 degree TELESCOPE**

- It should have High Definition optics for better vision
- It should have achromatic lens to reduce color fringe effect
- It should have spherical lens to reduce image distortions
- It should have better shock absorber design for the long durability of lens
- It should have a working length of 30 – 33 cm for laparoscopy applications
- It Should have a better Field of View in between 70 - 80 deg
- It should be compatible with autoclave, ETO & plasma sterilization
- It should be available in 30 deg for different applications.

### **Technical Specifications for 5 mm-30 degree TELESCOPE**

- It should have High Definition optics for better vision
- It should have achromatic lens to reduce color fringe effect
- It should have spherical lens to reduce image distortions
- It should have better shock absorber design for the long durability of lens
- It should have a working length of 29 – 31 cm for laparoscopy applications
- It Should have a better Field of View in between 65 – 70 deg
- It should be compatible with autoclave, ETO & plasma sterilization
- It should be available 30 deg for different applications.

## **ENDOVENOUS RADIOFREQUENCY ABLATION WITH SEGMENTAL ABLATION TECHNOLOGY FOR THE TREATMENT OF VARICOSE VEINS**

### **ENDOVENOUS RADIOFREQUENCY GENERATOR & CATHETER SHOULD HAVE**

- The Catheter should be 7F, 7cm-long heating element that heats segments of the vein sequentially along the leg
- The Catheter should have thermocouple that monitors treatment temperature and provides feedback to control energy delivery
- Patient connection should be bipolar catheter, no contra- indication for device/pacemaker patients
- There should be non-stick outer surface in the Catheter that keeps the heating element clean during multiple treatments
- The catheter should accommodate a .025” guidewire, if needed, for placement within the vessel
- The catheter should be available in 60cm and 100cm lengths, and a 7F 11cm sheath should be used.
- ‘Segmental Ablation’ technique based with no tissue impedance interruptions
- There should not be any pullback time to measure
- No saline drip or functional test is to be carried out during procedure.
- No tissue impedance interruptions.
- There should not be energy delivery during repositioning.
- Catheters to have hand switch for better control
- 7 cm should be treated in 20 seconds

- Device (set) temperature should be 105-120° C
- Vein wall contact temperature: 105 - 115° C
- Max power should be 40W
- RMS Output Voltage should be 110V
- Temperature measurement accuracy should be in range of  $\pm 5^{\circ}\text{C}$
- Device should meet IEC 60601 safety standards for electrical medical device
- RF Generator should give average energy delivery of approximately 67 J/cm per treatment
- RF generator should have a USFDA approval for varicose vein treatment.

## **SPECIFICATION FOR PORTABLE USG**

1. Fully digital portable ultrasound machine with provision for Doppler examinations.
2. The unit should have a laptop type console design. The unit should be compact, lightweight and portable. Weight should not exceed 7kg including battery
3. It should be suitable for abdominal, small parts and vascular applications in adults and paediatric patients. Multiple preloaded as well as user configurable application presets should be available.
4. Minimum grey scale resolution to be 256 with 1024 or more digital processing channels.
5. Maximum scanning depth to be 30 cm or more.
6. The system to have a dynamic range of 165 decibels or more.
7. The system should support Convex and Linear probes.
8. Transducers (one each):
  - (1) Convex electronic phased array transducer: 2-6 MHz for abdominal imaging.
  - (2) Linear transducer: 5-12MHz for vascular and small part imaging.
9. All transducers should be lightweight digital phased array broadband type transducers.
10. The system should have a frame rate of at least 600 frames per second (fps) in B mode and more than 300 fps in /Colour mode.
11. The system should have an ergonomic full alphanumeric soft keys keyboard with easy access scans controls and trackball. Provision for attaching an external keyboard and mouse should be present.
12. The System must have integrated high – resolution TFT/LCD/Single monitor of 10 Inches or more.
13. The system should have cine loop review facility of not less than 30 sec/1000 frames.
14. The system should have the facility of digital storage and retrieval of B/W and colour image data on built-in CD/DVD Drive. Provision for USB port and LAN transfer of data should also be present.
15. Imaging modes of Real time 2D, Colour Doppler, Pulsed wave Doppler and Power (energy) Doppler should be available.
16. Controls for 2D mode: Total gain, depth, TGC, dynamic range, acoustic power output.
17. Controls for Colour Doppler: PRF, colour gain, position and size of ROI, steering of ROI, colour maps and colour invert.
18. Controls for pulsed Doppler: variable sample volume size from 1 to 5mm or more, steer, PRF, baseline, gain angle correction, spectral invert, duplex on/off.
19. Measurements for 2D mode: Multiple distances, area and volume.
20. Measurements for Doppler modes: Stenosis quantification in area percentage, diameter, PSV, EDV, mean, PI, RI, acceleration time and index. Automatic and manual measurements and display of pulsed Doppler calculations should be possible.
21. Facility for storage on CDR should be available.
22. Unit should function with 200-240 V, 50 Hz AC, 5 amp power outlet. Power requirement to be specified.
23. In built battery backup should be at least one hour or more.
24. Essential accessories: Black & White Thermal printer, UPS, mobile cart with transducer holder, jelly bottle holder and space for printer.
25. Thermal Paper for 1000 image printouts should be provided with the unit.
26. The unit offered must be sturdy and well built
27. The unit offered in the tender will require technical demonstration.
28. Company should give undertaking regarding the spares availability of the quoted model for next seven years.
29. The bidder should enclose the original product data sheet, brochure and compliance sheet, without which the bid will be rejected. Computer generated data sheet and brochure will not be accepted.



The serial number of specifications must be indicated against the relevant portion of the compliance sheet and data sheet.

**SPECIFICATIONS FOR INTEGRATED ELECTROSURGICAL & ULTRASONIC GENERATOR:(ULTRASOUND CUTTING AND COAGULATION DEVICE)**

- The Electrosurgical generator frequency should not be less than 400 KHz and ultrasonic generator should have output frequency of 47 kHz.
- It should deliver both ultrasonic and bipolar energy through one instrument simultaneously.
- Units should also be able to deliver separately the other energy modality like monopolar, bipolar, advance bipolar and ultra sonic energy both for open as well as Endoscopic surgery.
- The Maximum power of electrosurgical unit should not be less than 300W.
- The Electrosurgical generator should have auto start and auto stop function for bipolar modes.
- The Electrosurgical unit should have facility to monitor the return electrode contact and should give an alarm.
- The system should have touch screen display for easy and fast operation.
- It should have Instrument recognition and automatic application of default settings for ease of use.
- It should have facility to store minimum 35 user programs.
- System should have 3 power levels setting for cutting and sealing functions.
- System should be compatible for open and laparoscopic surgery.
- The instrument should be FDA approved for 7mm vessel sealing in cutting mode and vessel sealing mode.
- The Transducer should be Autoclavable and should be compatible with both open and Lap instruments.
- The Lap instruments should have special coating on active jaw to prevent temperature increase from over activation and anti-stick coating
- All instruments should have curved tip design for fine dissection and wiper jaw technology for consistent sealing.
- All instruments should have both hand and foot activation.
- The ultrasonic generator should have tissue monitoring technology and thereby helps to stop the ultrasonic energy once the tissue is cut to prevent excessive temperature increase.
- The unit should also be able to deliver bipolar energy under saline for BPH management.
- System should come equipped with system diagnostics and troubleshooting guide to solve problems in the system.
- System should have onscreen warning display of errors arising from the generator.
- It should have CF type Protection against electric shock.
- The device should be FDA approved and CE certified.

