



ESIC Medical College and Hospital

NH-3, Faridabad, Haryana- 121001

Tel No: 0129-4156471, Website: www.esic.nic.in

F.No:134-U-16/19/Tender/surgery/2017/MED. STORE

Date: 03/01/2018

RE-E- Tender Notice No: M- 01/2018

Sub: Invitation of RE-E- tender for procurement of Equipment for the department of surgery.

Annexure – X

DEAN, ESIC Medical College and Hospital, NH-3 Faridabad, Haryana-121001, intend to purchase mentioned equipment as per the specification enclosed. The details of tender is as under-

Annexure –X

S.N	Name of Equipment	Quantity required	Last date of applying online tender	Cost of earnest money	Last Submission & date of opening tender
1	Flexible upper GI video endoscope with colonoscope with related accessories	01	01/02/2018	1.2 lakh	01/02/2018 upto 01:00 pm and to be opened on same day at 02:00pm
2	Laparoscopic hand instrument	01	Same as above	1.1 lakh	Same as above
3	Integrated ultrasonic and radiofrequency cutting and coagulation device	01	Same as above	1.2 lakh	Same as above
4	Electrosurgical unit	04	Same as above	1.4 lakh	Same as above
5	Cystoscopy set	01	Same as above	35000	Same as above
6	Surgeon's operating chair	04	Same as above	70000	Same as above

1. The interested tenderer should upload duly filled tender form and their bids along with scanned copies of all the relevant certificates, documents, etc. in support of their technical & price bids- all duly signed- on the <https://esictenders.eproc.in>.
2. **A complete set of hard copy of tender documents along with EMD must be submitted latest by 01/02/2018 up to 01.00 pm.** in the tender box kept in conference room in academic block office ESIC Medical College and Hospital, NH-3 Faridabad, Haryana-121001. Non – submission of hardcopy as directed will lead to rejection of the tender application.
3. Bidder has to deposit the Earnest Money Deposit (EMD) mentioned against each equipments in the form of demand draft drawn in favor of “**ESIC Fund A/CNO-1” Payable at FARIDABAD. Application received without Earnest Money Deposit (EMD) will be rejected.** The technical bid will be opened online **01/02/2018 at 2.00 pm.**
4. Tender documents is also available for viewing on the” tenders” link of the website of Employee’s State corporation i.e. <https://esictenders.eproc.in>, <http://www.esic.nic.in> .
5. Any corrigendum to this tender will be notified through the aforesaid websites only.
6. Application to this tender will be accepted only through the online mode through <https://esictenders.eproc.in> . No other mode of application will be considered & application will not be accepted.
7. All documents as per published tender should be uploaded as per above point no-6 & incomplete documents submission / upload will result in rejection of the tender.
8. Selection of the successful bidder will be at the sole discretion of the DEAN ESIC Medical College and Hospital, NH-3 Faridabad, Haryana, who reserves the right to accept or reject any or all the proposals without assigning any reasons thereof.



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From

**THE DEAN
ESIC MEDICAL COLLEGE AND HOSPITAL,
NH-3, FARIDABAD, HARYANA- 121001**

Sir (s),

The DEAN, E.S.I .C Medical College And Hospital, NH-3, Faridabad, Haryana- 121001, invites e- tender under Two Bid system for procurement of equipments for **Surgery** department i.e. as per the specifications.

1. Tenderer is requested to submit the requisite information / documents as per the following annexure :-
 - Annexure – I (Compulsory documents or check list)
 - Annexure – II (General tender terms & conditions)
 - Annexure – III (Special terms & conditions)
 - Annexure – IV (Tender Application Form)
 - Annexure – V (Quoting the rates)
 - **Annexure – X** (List Of Equipments)
2. Tenderer are requested that, before quoting their rates or filing tender, the tender form may please be read out thoroughly(line by line) , otherwise purchaser will not be held responsible for any error/Oversight of the tenderer.
3. All payments shall be made by **Demand Draft drawn in favour of ESIC FUND A/C No.1, payable at FARIDABAD, HARYANA- 121001. Cheques/ cash will not be accepted.**
4. You are requested to submit the bid for equipment latest by **01/02/2018** up to 01:00pm in the form of sealed bid under Two Bid systems-(Technical Bid & Price Bid). Technical Bid should consist all the technical details along with commercial Terms & conditions, and Price Bid should indicate the price of the item mentioned in technical bid addressed to the DEAN, ESIC Medical College and Hospital, Nh-3 Faridabad, Haryana-121001.

The hard copy of Technical Bid & Price Bid must be sealed by the bidder in separate envelope duly super-scribed "Technical bid for (Name of equipment / Tender name)" and "Price bid for (Name of equipment / Tender name)" Both the sealed envelopes are to be put in the bigger envelope which should also be sealed & duly super scribed, "Bid for "(Name of equipment/ Tender name)" Bid may be dropped in the tender box kept in the conference room in academic block office ESIC Medical College and Hospital up to 01:00pm on **01/02/2018**. Bids received late will not be considered. All the bids received will be opened on the same day at 2:00pm. Bidders or their authorized representative may be present if they wish to be. In case **01/02/2018** is declared a holiday, bids will be opened on next working day at the same time & venue.
5. Hard copy of tender will not be received by postage/ courier.
6. DEAN, E.S.I.C Medical College and Hospital, NH-3, Faridabad, Haryana- 121001, does not pledge himself to accept the lowest or any tender and reserve the right of accepting the whole or any part of the tender or portion of the quantity offered and you shall supply the same/execute the supply at the rate quoted by you.
7. Acceptance by the purchaser shall be communicated in due course.



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From

THE DEAN

E.S.I .C Medical College and Hospital, NH-3,
Faridabad, Haryana- 121001

THE FIRM IS REQUESTED TO FOLLOW THE CHECK LIST AT THE TIME OF SUBMISSION OF TENDER DOCUMENT WITHOUT WHICH THE OFFER IS LIABLE TO BE CANCELLED.

Compulsory documents and Check List

S. No.	Document	Submitted (Yes/No)
1.	Earnest money deposit by demand draft only	
2.	Copy of Attested TIN	
3.	Undertaking indicating that they have not supplied the said equipment to any individual, Govt. or private institution at the rate lower than the quoted rate	
4.	Authorization certificate from principal/ Manufacturer and that spares & any other miscellaneous items (As applicable)of the equipment quoted will be freely available for at least five years after expiry of warranty/guarantee period (As per annexure -A)	
5.	Undertaking from the manufacturer certifying that they will provide the AMC/CMC even when agent is changed	
6.	A certificate about Satisfactory performance report of the equipment & quality of after sales service duly authenticated from existing users of the equipment(As per Annexure -B)	
7.	A signed undertaking on non judicial stamp paper of 100/- (One hundred only) along with tender (As per Annexure -C)	
8.	Compliance certificate to any standard as mentioned in the specification	
9.	Catalogue of quoted machine with complete specification	
10.	Undertaking of warranty of equipment	
11.	Copy of VAT/ PAN/ TAN/ GST	

Note: All documents should be enclosed as per serial wise mentioned above; failing which tender is liable to be cancelled.

Date:

Place:

**Signature and name of tenderer
with address & seal**



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Annexure-II

General Terms and Conditions

Period for submission of RE- E- tender form	From 03/01/2018 to 01/02/2018 up to 1.00 pm
Last date & time of submission of RE-E- Tender	01/02/2018 upto 1.00 pm
Date & time of opening of e- tender	01/02/2018 at 2.00 pm
Bid security/ Earnest money to be sent though post / delivered in hand /dropped in tender box	Mentioned against each equipment In Annexure –X

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/- (non-refundable) in favour of M/s. C1 India Pvt. Ltd., payable at New Delhi via Online Payment Modes such as

Debit Card, Credit Card or NetBanking for participating in the Tender.

Bidders can contact our Helpdesk at <https://esictenders.eproc.in/html/Support.asp>

PREPARATION OF RE-TENDER

1. INSPECTION

The tenderer shall give full assistance and information as may be required in connection with the supply of equipment to the DEAN or any other officer nominated by him to inspect the premises of the tenderer at all reasonable times.

2. SIGNING OF RE-TENDER

- a) The tender is liable to be rejected if complete information is not given therein or if the particulars and date (if any) asked for in the tender are not duly & fully filled in. particular attention may be given to the dates of delivery and also to the particulars referred to in the conditions of contract so as to comply with them.
- b) Individuals signing tender or other documents connected with the contract must specify:
 - I) Whether signing as a 'Sole proprietor' of the firm or his Attorney?
 - II) Whether signing as a 'Registered Active Partner' of the firm or his Attorney?
 - III) Whether signing for the firm 'per procreation'.
 - IV) In the case of companies and firms registered under the Indian partnership act, the capacity in Which signing e.g. Secretary , manager, and partner etc, on their attorney and produce copy of documents, empowering him to do so, if called upon to do so.

3. PERIOD FOR WHICH THE OFFER WILL REMAIN OPEN

- I) All tenders should remain valid for acceptance for a period of 12 months, from the date of opening of the tender or for such period as stated in special terms & conditions.
- II) Quotation qualified by such vague and indefinite expression such as "subject to immediate acceptance "Subject to prior sale' etc. will not be considered.

4. OPENING OF RE-E-TENDER:

The tender shall be open on the date and time mentioned here in the documents

5. OTHER TERMS:

Earnest Money: the tenderer shall have to deposit earnest money as mentioned in **Annexure – X**, failing with the tender is liable to be rejected. The earnest money is to be paid by **Demand Draft drawn** in favour of ESIC FUND A/C NO-1, payable at Faridabad, Haryana- 121001

. NO CHEQUES WILL BE ACCEPTED. In the event of the withdrawal / revocation of tender before the date specified for acceptance, the earnest money shall stand forfeited. The earnest Money will however, returned without interest to the tenderer, whose tender is not accepted.

Earnest Money Demand draft must be send by speed post / delivered in hand so as to reach on and before the closing date and time of the tender to the following address to 'The DEAN ' , E.S.I .C Medical College And Hospital, NH-3, Faridabad, Haryana - 121001 .

at the top of cover, the following words should be written in block letters" **procurement of Name of equipment"** and along with "**tender number"** , failing which the tender is liable to be rejected.

- a) **Security Deposit:** on acceptance of the tender, within the period specified by the Medicals Superintendent, the supplier must be deposit 10% of the total cost of the equipment as security deposit/ performance security as mentioned in special terms & conditions. The hospital authority shall be entitled to forfeit the security deposit or any part thereof without prejudice to any other remedies provided in the contract or available in the law. The security shall be in the form of demand draft / fixed deposit or bank guaranty payable at Faridabad Haryana, in the favour of DEAN. E.S.I .C Medical College And Hospital, NH-3, Faridabad, Haryana-121001.
- b) **Responsibility for executing supply:** the supplier is to be entirely responsible for the execution of supply order in all respect in accordance with the terms & conditions as specified in the acceptance of tender.
- c) Supplier shall not sublet transfer assign the contract to any part thereof without the written permission of the DEAN. In the event of the contractor/ supplier contravening the condition, DEAN be entitled to place the contract elsewhere on the contractor / supplier account at his risk and contractor / supplier shall be liable for any loss and damage, which the DEAN, E.S.I.C Medical College And Hospital, NH-3, Faridabad, Haryana-121001., may sustain in consequence for arising out of such replacing of the contract.
- d) If the supplier fails in fulfilling above mentioned terms & conditions, such failure will constitute a breach of the contract and the DEAN shall be entitled to make other arrangement at the risk and expense of the supplier.
- e) On due performance and completion of contract in all respect, the security deposit will be return to the supplier without any interest on presentation of an absolute 'no demand certificate' in the prescribed form and upon returned in good condition of any specifications , sample of other property belonging to the purchaser, which may have been issued to the supplier.
- f) **Arbitration:** In the event of any dispute or difference arising out of the terms and conditions laid down in this tender, the same shall be referred to the Arbitrator appointed by the DEAN. The procedure of Arbitration will be governed by provisions Arbitration Act 1996.
- g) **Document:** The tenderer should have a valid Trade license, VAT, PAN/ TAN and produce self copies of such certificates along with the tender paper, failing which the tender is liable to be rejected.
- h) **Right to accept / reject:** The hospital authority reserves the right to reject any or all tender without assigning any reason whatsoever. Also, the hospital authority reserve the right award any or part or full contract to any successful agency at its discretion sand this will be binding on the tendered.

6. The prices should be all inclusive lump sum prices as per description given below. The price of AMC and CMC for five years after expiry of warranty/guarantee period should be given in the price bid only.
- a) The tender will not be considered without the offer of AMC and CMC for **quoted equipment**. Rates of CMC will be considered for ranking purpose. In case of CMC, the rates should be quoted inclusive of spares. Only technical bid shall be opened first & shall be referred for the technical evaluation. The price bid of only those bidders whose technical bid is found acceptable by the Technical Evaluation Committee will be opened by the purchase Committee for further action.
 - b) Rates should be quoted as lump sum price FOR destination in only inclusive of the cost of the equipment, freight, insurance, packaging, forwarding, excise duty etc. as well as charges for installation & commissioning with all the men & material required for the same. No other charges in addition will be payable on any account over & above the lump sum price quoted. Price variation clause will not be acceptable.
 - c) The rates quoted in ambiguous terms such as "freight on actual & exemption eligibility applicable to the Hospital & shall advise the purchaser & quote accordingly basis" or "packaging/forwarding extra" will render the bid for rejection irrespective of its gradation in r/o lump sum prices quoted. Bidders in their own interest shall ascertain the eligibility of whatsoever concession. No 'C' or 'D' form is to be issued by this office. CST/VAT/GST may be claimed as per rules. Tender should be typed in words as well as in figures free from erasing & errors in typing. The bidder must attest any erasing/error, otherwise the rates in reference of that particular item shall not be considered. The covering letter should indicate the list of enclosures.
- d) DELIVERY TERMS:**
- a) The delivery of the stores/ execution of order etc are required within a period as specified and as the place mentioned therein.
 - b) The tenderer shall deliver the stores / execute the order at the destination / space defined to consignee / authority in good order (of which the DEAN, E.S.I .C Medical College and Hospital, NH-3, Faridabad, Haryana-121001. Shall be the sole judge). Within the limit of the time as deemed reasonable & specified in such quantity /quality as may be ordered by him from time to time.
 - c) Time for and date of delivery: The essence of contract :- The time for and the date of delivery of the stores / date of execution of work as stipulated in the schedule shall be deemed to be the essence of contract and delivery / execution must be completed not later than the date(s) specified.
 - d) The DEAN may allow additional time under special circumstances such as strikes, lockouts, fire accidents, riots, etc.

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Annexure-III

Special Terms and Conditions

1. Only Manufacturer/Authorized Distributor/Stockiest of the firm whose item is being quoted will be considered
2. A working **demonstration** has to be provided in ESIC Medical college Hospital Faridabad or NCR only to the Technical Evaluation Committee if so desired within 2 (two) weeks from the date of written communication from this office & only one chance for demonstration will be given.
3. Only appropriate model as per specifications should be quoted. Alternate offer(s), if any, must accompany with the additional requisite EMD, failing which only first offer will be considered for evaluation
4. Tenderer must provide Delhi NCR address, along with the Telephone No., fax No. , Email ID & Mobile No. with tender for all correspondence. The firm should also provide the complete address along with telephone no. & fax No. of the Service. Centre from where after sales service would be provided.
5. The equipment must be warranted for a minimum period of 02 years or as mentioned in the technical specifications from the date of satisfactory Installation.
6. A certificate about satisfactory performance & quality of after sale services of the equipment duly authenticated by the HOD / MS of the institution must be furnished as per annexure –B. **Installation or users list will not be considered as performance certificate.**
7. **While the calculating the lowest price of equipment, the unit cost of equipment with taxes and 5 years CMC will be considered.**
8. **Delivery period will be 42(Forty two days) days** from the date of supply order. The date of delivery will be the date of delivery at consignee site.
9. If at any time during the currency of the contract, the supplier encounters conditions hindering timely delivery of the goods, the supplier shall inform the consignee in writing about the same & it's likely duration and make a request to the consignee for extension of the delivery schedule accordingly with no increase in price at any account. The consignee, at its discretion, may agree to extend the delivery schedule with or without late delivery charges as specified in Para 12 In case the supplier dispatches the goods without obtaining an extension, it would be doing so at its own risk & no claim for payment for such supply and/or any other expense related to such supply shall lie against the consignee.
10. **If the supplier fails to deliver the goods within the time frame, the consignee shall, without prejudice, deduct from the contract price, a sum equivalent to 0.5% per week of delay or part thereof, subject to a maximum of 10% of the contract price. Once the maximum is reached, the EMD may be forfeited.**
11. **Security Deposit** equivalents to deposited 10% of the total cost of the equipment by the successful bidder through Demand Draft/Banker's Cheque in favour of 'ESIC fund A/c no.1 or Fixed Deposit/Bank Guarantee only in favour of 'DEAN, E.S.I .C Medical College And Hospital, NH-3, Faridabad, Haryana-121001 (In case of BG, a forwarding letter from the Branch Manager should be attached.)The same shall be released after fulfillment of all the contractual obligations including submission of CMC proposal & no interest shall be payable thereof.

12. The tenderer must enclose an undertaking by the manufacturer of the equipment for servicing the equipment & supply of spare parts whenever required at least for 05years, or as mentioned in the specifications, after completion of warranty.
13. The firm must ensure to keep the equipment in working order throughout the year.
14. In event of equipment, covered under AMC and CMC, going out of order, the fault shall have to be attended within 24 hours of lodging the complaint. In case the equipment is not restored in functional order within a week, a penalty of 0.5% of total cost of AMC and CMC of the equipment per day for the period of equipment remaining out of order will be levied during AMC and CMC.
15. If the equipment needs calibration, the firm shall be responsible for calibration as a part of AMC and CMC.
16. During the warranty period, in the event of equipment remaining out of order beyond a period of 24 hours 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 beyond permissible limit.
17. Along with rates of AMC and CMC, a list of commonly used spares with prices as on date must also be enclosed in the price bid.
18. Equipment manufacturer must also provide technical documents explaining the prerequisites, data exchange format & detailed user & technical manuals explaining how to integrate & transfer data with third party hospital management application (if Applicable).
19. Either the Indian agent on behalf of the Principal/OEM or Principal/OEM itself can bid, but both cannot bid simultaneously for the same item in the same tender.
20. 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 the same item.
21. Compliance certificate to any standard as mentioned in the specification (e.g. European CE/ US FDA /ISO etc.) must also be enclosed with the technical bid.
22. DEAN reserves the right to decrease/increase the quantity of any item or reject/accept any or all tenders without assigning any reason thereof. No correspondence will be entertained in this regard.

DEAN



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Annexure-IV

Technical Bid

1		Name of firm and type of firm	
2	A	Full postal address.	
	B	Cell Phone No.	
	C	Telephone No.	
	D	Fax No.	
	E	Email Id	
3	Name and address of your Bankers stating the name in which the account stands.		Name of Bank
			Name of Branch
			A/C No & Type
			IFSC code no
			MICR Number
4		Are you in the list of approved contractors of any other organisations/ institutions, if any give details	
5		Any other information which you consider necessary to furnish	

Compulsory scanned copy of documents to be uploaded

S. No.	Document	Submitted (Yes/No)
1.	Authority letter from the competent authority with respect to name, designation and specimen signature of the representative signing the tender document/authority letter	
2.	Copy of Attested TIN	
3.	Undertaking indicating that they have not supplied the said equipment to any individual, Govt. or private institution at the rate lower than the quoted rate	
4.	Authorization certificate from principal/ Manufacturer and that spares & any other miscellaneous items (As applicable)of the equipment quoted will be freely available for at least five years after expiry of warranty/guarantee period (As per annexure -A)	
5.	Undertaking from the manufacturer certifying that they will provide the AMC/CMC even when agent is changed	
6.	A certificate about Satisfactory performance report of the equipment & quality of after sales service duly authenticated from existing users of the equipment(As per Annexure -B)	
7.	A signed undertaking on non judicial stamp paper of 100/- (One hundred only) along with tender (As per Annexure -C)	
8.	Compliance certificate to any standard as mentioned in the specification	
9.	Technical comparative statement of quoted model with the specifications mentioned in (Annexure -D)	
10.	Catalogue of quoted machine with complete specification	
11.	Undertaking of warranty of equipment	
12.	Copy of VAT/ PAN/ TAN/GSTN	

Note: All documents should be enclosed as per serial wise mentioned above, failing which tender liable to be cancelled.

Date:

Place:

tenderer

Signature of the

AUTHORIZATION CERTIFICATE

To,
DEAN,
E.S.I .C Medical College and Hospital,
NH-3, Faridabad, Haryana-121001

Respected Sir,

Authority letter against Tender No. _____ due on _____ item
quoted _____

We, M/s (Name of manufacturer), who are established & reputed manufacturers of _____ having factory at _____ & hereby authorize M/s _____ (Name & address of agent/distributor) to bid, negotiate & conclude the contract with your institution against above tender for the above goods manufactured by us.

We hereby extend our full guarantee/warranty as per the Terms & Conditions of tender for the goods offered for supply against this invitation of bid from the above firm. We also confirm that the spares & any other miscellaneous items (As applicable) of the equipment quoted will be freely available for at least TEN years after expiry of Warranty/guarantee period.

Our other responsibilities include:

1. M/S (Name of service provider) will provide the services for said equipment.
2. Information regarding the name of new agent, in case of change of agent
3. List of spares / consumables with rates will be enclosed in price bid.

Yours faithfully,

**Signature & Name of manufacturer
with address & seal**

Note: This letter of authorization should be on the letter head of the manufacturing concern & should be signed by a person competent & having the authorization to issue the said certificate on behalf of the manufacturing firm. The said certificate should also bear the signature of participating bidder as a witness.

Satisfactory Performance Certificate

Certified that M/S _____ has supplied the equipment (model/make) which has been functioning satisfactorily at _____ department of this Hospital/Institution since _____. It is also certified that after sales service provided by the M/S _____ have been satisfactory.

Note: Certificate should be on the letter head of the Hospital/Institution & should be signed by HOD/MS/CEO of the Hospital/Institution. The said certificate should also bear the signature of participating bidder as a witness.

Undertaking (To be submitted on Rs.100/- Non judicial stamp paper)

1. I, undersigned certifies that I have gone through the Terms & conditions mentioned in the tender document including annexure & undertake to comply with them. The rates quoted by me/us are valid & binding on me/us for acceptance for the period of one year from date of opening of tender.
2. It is certified that rate quoted are the lowest quoted for any institution/Hospital in India.
3. EMD deposited by me/us in the form of Demand Draft/Banker's Cheque in favour of "ESIC fund A/c no.1" New Delhi is attached herewith and shall remain in custody of the DEAN, E.S.I.C Medical College And Hospital, NH-3, Faridabad, Haryana-121001.
4. (A) I/We give the rights to DEAN, E.S.I.C Medical College And Hospital, NH-3, Faridabad, Haryana-121001 to forfeit the EMD deposited by me/us if any delay occur on my/agent's part or fails to supply the article at the appointed place & time & of the desired specification.
(B) I/we undertake that I/we will be in position to provide Comprehensive Annual Maintenance Contract (AMC & CMC), Spare Parts, & consumables for 5 years after completion of guarantee/warranty period I/we also undertake to keep the equipment in running order throughout the year under warranty / guarantee/ AMC and CMC and in case of equipment going out of order, the fault will be attended within 24 hours of lodging the complaint. The firm shall ensure the machine is set right within 7 days of intimation. However I/we have to arrange similar equipment as a standby at mine/ours cost & risk, in case of breakdown of machine is not set in working condition within the specified period. Failing which, a penalty of 0.25% of the total cost of the equipment per day for the period equipment remains out of order be levied on me/us.
5. There is no vigilance/CBI case or court case pending against the firm/supplier, or blacklisted at any PSU.
6. I/we do hereby undertake that the firm is in this business since the last three years.
7. On Inspection, if any article is found not as per supply order, it shall be replaced by me/us in time as asked for, to prevent any inconvenience at my /our own expenses.
8. I/we hereby undertake to supply the items as per specifications and directions given in supply order within the stipulated period.
9. I/we undertake to provide guarantee/warranty as mentioned in specifications from the date of satisfactory installation & inspection. I also undertake that I will maintain the equipment during this period & replace the defected parts free of cost, if necessary.
10. I/we understand that DEAN, E.S.I.C Medical College and Hospital, NH-3, Faridabad, Haryana - 121001 has the right to accept or reject any or all the tenders without assigning any reasons(s) thereof.

Signature of tenderer with address & seal

TECHNICAL SPECIFICATIONS

1. Technical Specification for Flexible Upper GI Videoendoscope with Colonoscope with related accessories

1) Specification for Video Processor

1. It Should be compatible with semi automatic leakage tester
2. It Should be fully upgradable with EUS (Endoscopic Ultrasound) and balloon Enteroscopy.
3. Outputs – RGB, Y/C, VBS Composite, XGA & DV simultaneous
4. It should have structure and edge enhancement option for better image quality
5. It should have various iris control option for better light distribution
6. Unit should be compact and light weight.
7. Light source – Combined or separate 150 watt halogen with emergency backup facility.
8. Air pump – Inbuilt air pump with minimum two variable air flow control.
9. Lamp can be turned on/off without turning off the equipment.
10. Electronic magnification up to 1.5X by a touch of scope remote switches

2) Specifications For GastroScope/ Upper GI

1. It should have Superior image quality with crisp, clear images and true-to life Color.
2. It should be compatible with semi automatic leakage tester
3. Scope should have four user programmable remote switches to improve operability.
4. Outer diameter should be 9.5mm or less.
5. Channel diameter should be more than 2.5mm
6. Insertion tube length should be 1000-1050mm
7. Field of view should be 140 degree or more
8. Depth of Field should be 3-100mm or better
9. Angulation – UP-210 degree, Down-90 degree, Left & Right 100degree or better
10. Minimum visible distance should be 3mm or less

3) Specifications For Colonoscope/Lower GI

1. It should have Superior image quality with crisp, clear images and true-to lifeColor.
2. It should be compatible with semi automatic leakage tester
3. Scope should have four user programmable remote switches to improve operability.
4. Clear, sharp images with large image capability.
5. It should have ergonomically designed grip to enhances scope maneuver ability.
5. Outer diameter should be 13 mm or less
6. Channel diameter should be 3.5 mm or more
7. Insertion tube length should be 1680-1700mm
8. Field of view should be 140 degree or more
9. Depth of Field should be 3-100mm or better
10. Angulation – UP&Down-180 degree, Left& Right 160degree or better

11. Minimum visible distance should be 3mm or less

- 4) **15” or more Medical Grade Monitor with high resolution images.**
- 5) **Endoscopy Trolley**
- 6) **Software for recording and storing of Images and Videos and for generation of report**
- 7) **Compatible Computer and Color Printer with Software.**

2. SPECIFICATION OF LAPAROSCOPE HAND INSTRUMENT SET

TELESCOPES

1. Forward-Oblique Telescope 30° enlarged view, diameter 5 mm, length 29 cm, autoclavable, fiber optic light transmission incorporated, connection for fiber optic light cable offset by 90°, USFDA, CE approved- **Quantity-01**
2. Forward-Oblique Telescope 0° enlarged view, diameter 5 mm, length 29 cm, autoclavable, fiber optic light transmission incorporated, connection for fiber optic light cable offset by 90°, USFDA, CE approved- **Quantity-01**
3. Telescope 30°, enlarged view, diameter 10 mm, length 31 cm, autoclavable, fiber optic light transmission incorporated, USFDA, CE approved- **Quantity-01**
4. Telescope 0°, enlarged view, diameter 10 mm, length 31 cm, autoclavable, fiber optic light transmission incorporated, USFDA, CE approved- **Quantity-01**

LAPAROSCOPIC DISSECTING & GRASPING FORCEPS

1. Three part laparoscopic autoclavable right angled Dissecting and Grasping Forcep, 360 degree rotational sheeth, with connector pin for unipolar coagulation, size 5 mm, length 36 cm, long, double action jaws, with ergonomic plastic handle with larger contact area at the finger ring to avoid pressure sores, can be dismantled with the press of a button, USFDA, CE approved- **Quantity-01**
2. Three part laparoscopic autoclavable curved KELLY Dissecting and Grasping Forcep, 360 degree rotational sheeth, with connector pin for unipolar coagulation, size 5 mm, length 36 cm, long, double action jaws, with ergonomic plastic handle with larger contact area at the finger ring to avoid pressure sores, can be dismantled with the press of a button, USFDA, CE approved- **Quantity-02**
3. Three part laparoscopic autoclavable KELLY Dissecting and Grasping Forcep, 360 degree rotational sheeth, with connector pin for unipolar coagulation, size 5 mm, length 36 cm, long, double action jaws, with ergonomic plastic handle with larger contact area at the finger ring to avoid pressure sores, can be dismantled with the press of a button, USFDA, CE approved- **Quantity-01**

4. Three part laparoscopic autoclavable Dissecting and Grasping Forceps, rotating, with connector pin for unipolar coagulation, size 5 mm, length 36 cm, alligator jaws, double action jaws, with ergonomic plastic handle with ratchet with larger contact area at the finger ring to avoid pressure sores, can be dismantled with the press of a button, USFDA, CE approved- **Quantity-01**
5. Three part laparoscopic autoclavable REDDICK-OLSEN Dissecting and Grasping Forceps, rotating, with connector pin for unipolar coagulation, size 5 mm, length 36 cm, alligator jaws, double action jaws, with ergonomic plastic handle with larger contact area at the finger ring to avoid pressure sores, can be dismantled with the press of a button, USFDA, CE approved- **Quantity-01**
6. Three part laparoscopic autoclavable MANGESHKAR Grasping Forceps, rotating, dismantling, insulated, with connector pin for unipolar coagulation, with LUER Lock adaptor for cleaning, double action jaws, 2x 1 teeth, size 5 mm, length 36 cm, alligator jaws, double action jaws, with ergonomic plastic handle with larger contact area at the finger ring to avoid pressure sores, can be dismantled with the press of a button, USFDA, CE approved- **Quantity-01**
7. Three part laparoscopic autoclavable CROCE-OLMI Grasping Forceps, 360 degree rotational sheath, size 5 mm, length 36 cm, long, double action jaws, with ergonomic plastic handle with larger contact area at the finger ring to avoid pressure sores, can be dismantled with the press of a button, USFDA, CE approved- **Quantity-01**
8. Three part laparoscopic autoclavable DeBAKEY Grasping Forceps, rotating, atraumatic, double action jaws, size 5 mm, length 36 cm, without connector pin for unipolar coagulation, ergonomic metal handle without ratchet with larger contact area at the plastic finger ring to avoid pressure sores, can be dismantled with the press of a button, USFDA, CE approved- **Quantity-01**
9. Three part laparoscopic autoclavable Curved METZENBAUM Scissors, 360 degree rotational sheath, with connector pin for unipolar coagulation, size 5 mm, length 36 cm, long, double action jaws, with ergonomic plastic handle with larger contact area at the finger ring to avoid pressure sores, can be dismantled with the press of a button, USFDA, CE approved- **Quantity-02**
10. Three part laparoscopic autoclavable Hook Scissors, 360 degree rotational sheath, with connector pin for unipolar coagulation, size 5 mm, length 36 cm, long, double action jaws, with ergonomic plastic handle with larger contact area at the finger ring to avoid pressure sores, can be dismantled with the press of a button, USFDA, CE approved- **Quantity-01**
11. Suction and Irrigation Tube, anti-reflex surface with two-way stopcock, for single hand control, size 5 mm, length 36 cm- **Quantity-02**
12. Three part laparoscopic autoclavable rotating BABCOCK, Clamp, size 10 mm, length 36 cm, double action jaws, without connector pin for unipolar coagulation, ergonomic metal handle without ratchet with larger contact area at the plastic finger ring to avoid pressure sores, can be dismantled with the press of a button, USFDA, CE approved- **Quantity-01**

13. Three part laparoscopic autoclavable CLAW Grasping Forcep with ratchet, 2X3 teeth, 360 degree rotational sheath, size 10 mm, length 36 cm, long, single action jaws, with ergonomic metal handle with larger contact area at the plastic finger ring to avoid pressure sores, can be dismantled with the press of a button, USFDA, CE approved- **Quantity-01**
14. Three part laparoscopic autoclavable right angled Dissecting and Grasping Forcep, size 10 mm, length 36 cm, double action jaws, without connector pin for unipolar coagulation, ergonomic metal handle without ratchet with larger contact area at the plastic finger ring to avoid pressure sores, can be dismantled with the press of a button, USFDA, CE approved- **Quantity-01**
15. CLIP APPLICATOR Medium Large clip applicator dismantable rotating size: 10mm, length 36cm, for Titanium clips with ratchet to lock the jaw holding the clip. USFDA, CE approved- **Quantity-01**
16. Three part laparoscopic autoclavable BABCOCK Grasping Forcep, size 10 mm, length 36 cm, double action jaws, without connector pin for unipolar coagulation, ergonomic metal handle without ratchet with larger contact area at the plastic finger ring to avoid pressure sores, can be dismantled with the press of a button, USFDA, CE approved- **Quantity-01**
17. OLSEN Suction or Irrigation Tube, with protection basket, with trumpet valve, size 10 mm, length 36 cm- **Quantity-01**
18. Monopolar HF Connecting Cable- **Quantity-02**

Trocar & Cannula:

Cannula size : **13.5 mm diameter**; should have multifunctional valve to prevent damage of sharp instruments and tip lens while passing through the cannula valve. It should have stopcock for CO₂ insufflation. Trocar should have pyramidal tip with pin holes near the tip for safety outlet of CO₂ gas. The working length of the cannula should be 115 mm. USFDA, CE approved- **Quantity-04**

Cannula size : **11 mm diameter**; should have multifunctional valve to prevent damage of sharp instruments and tip lens while passing through the cannula valve. It should have stopcock for CO₂ insufflation. Trocar should have pyramidal tip with pin holes near the tip for safety outlet of CO₂ gas. The working length of the cannula should be 105 mm. USFDA, CE approved- **Quantity-04**

Cannula size : **6mm diameter**; should have multifunctional valve to prevent damage of sharp instruments and tip lens while passing through the cannula valve. It should have stopcock for CO₂ insufflation. Trocar should have pyramidal tip with pin holes near the tip for safety outlet of CO₂ gas. The working length of the cannula should be 105 mm- **Quantity-04**

Trocar, size 11 mm, consisting of Trocar only with blunt tip C annula without valve, with insufflation stopcock, with 2 flanges for fixation of sutures length 13 cm Automatic valve ,Sliding Cone- **Quantity-02**

Double reducer, 13.5/10 & 13.5/5mm- **Quantity-02**

Reducer, 11/5 mm- **Quantity-02**

Veress Needle

Veress Pneumoperitoneum needle with spring loaded blunt inner cannula, LUER-Lock, autoclavable, diameter 2.1mm , working length 15 cms- **Quantity-02**

Veress Pneumoperitoneum needle with spring loaded blunt inner cannula, LUER-Lock, autoclavable, diameter 2.1mm , working length 13 cms- **Quantity-01**

Veress Pneumoperitoneum needle with spring loaded blunt inner cannula, LUER-Lock, autoclavable, diameter 2.1mm , working length 10 cms- **Quantity-01**

Injection Needle

Quantity-02

Injection needle, LUER-lock, diameter 1.2 mm, size 5 mm, length 36 cm.

LAPAROSCOPIC NEEDLE HOLDERS

Macro needle holder with tungsten carbide insert, dismantling into three parts namely, outer

tube, handle and inserts, ergonomic pistol handle, with disengageable ratchet, jaw curved to left, size: 5mm, length : 33cm for use with suture material size: 0/0 to 7/0. USFDA, CE approved- **Quantity-01**

Macro needle holder with tungsten carbide insert, dismantling into three parts namely, outer tube, handle and inserts, ergonomic pistol handle, with disengageable ratchet, jaw curved to right, size: 5mm, length : 33cm for use with suture material size: 0/0 to 7/0. USFDA, CE approved- **Quantity-01**

Note:

- **All the quoted items strictly should be from the same company & USFDA, CE approved.**
- **Company having their own service centre in India will be given due preference.**

3. TECHNICAL SPECIFICATION FOR INTEGRATED ULTRASONIC & RADIOFREQUENCY CUTTING AND COAGULATION DEVICE:

- The System should have a universal connector to connect Ultrasonic energy and Advanced RF energy instruments.
- The System should have automatic instrument recognition.
- The System should be CE approved.
- The System should have a touch screen display for fast and setup, operation and on-screen diagnostics.
- The System should have a high-resolution display with wide viewing angles.
- The System should have the ability for software updates via USB memory stick.
- The System should be a single generator that provides Ultrasonic energy and Advanced RF energy technology for soft tissue dissection and vessel sealing
- The System should provide Class 1 protection against electric shock
- The System should have a single footswitch for operating ultrasonic energy or advanced RF energy instruments
- The System should have the ability to select handswitch or footswitch activation or both for Ultrasonic and advanced RF energy instruments and the ability to change selection during use
- The System should not have minimal lateral thermal spread more than 1 mm.
- The System should not have an auto switch off mechanism.
- The System should have standby mode to ensure safety.
- The System should come equipped with system diagnostics and troubleshooting guide to pinpoint any problems in the systems.
- The System should have onscreen warning display system for generator overheating, generator software upgrade, handpiece errors and instrument errors
- The System should be able to power ultrasonic energy instruments with 55.5 KHz frequency and have the ability to power ultrasonic energy instruments in the frequency range of 30-80 KHz in future
- The hand piece for the system should come with an inbuilt transducer.
- The System should be compatible for open surgery and for laparoscopic surgery.
- The System should be compatible with both 5mm and 10mm instruments.
- The System should have 5 or more power settings levels with power level display for ultrasonic energy instruments.
- The System should be able to power energy instruments with microprocessor controlled bipolar electrosurgical radiofrequency technology with a quasi-sinusoidal forced impedance output.

- The System should be equipped with smart advanced RF energy technology to measure the tissue impedance and control the power delivery.
- The System should be equipped with advanced RF energy technology that can simultaneously seal and transect vessels up to and including 7mm, large tissue pedicles and vascular bundles.
- The System should be equipped with advanced RF energy technology that provides temperature controlled energy delivery which should maintain tissue temperature approximately at 100 degree Celsius.
- The System should have Advanced RF Energy hand instruments with a unique electrode configuration to minimize the lateral thermal spread.
- The System should have Advanced RF Energy hand instruments with technology to deliver high compression uniformly across seal area.
- System should have Advanced RF Energy hand instruments that provide tissue / vessel seal strength to withstand bursting pressure of 7 times the systolic pressure.
- All hand probes for open and lap procedures should be able to simultaneously cut and coagulate tissues.
- System should be able to seal & cut up to 7 mm vessels with ultrasonic energy technology.

- The System should comprise of the following

Hardware:

- 1 Generator
- 2 Footswitch & Cable

Accessories:

- 1 Handpiece probe for laparoscopic surgery : Quantity 5
- 2 Hand piece probe for open surgery: Quantity 5
- 3 Generator Cart
- 4 Adaptors for ultrasonic and advanced RF energy instruments

RF Energy Instruments:

1. Hand probes of 5mm shaft diameter for laparoscopic procedures with round tip (5mm tip width) with shaft length more than 32 cm with 55 degree articulation each side and should be both hand & foot activated, device should be able to simultaneously cut and coagulate tissues

Ultrasonic Energy Instruments:

1. 5mm Hand Activated Curved Coagulating Shears capable of sealing ;blood vessels up to 7mm in diameter with adaptive tissue technology, more than 32 cm shaft length, ergonomic handle.

4. TECHNICAL SPECIFICATIONS FOR ELECTRO SURGICAL UNIT

The Micro-processor/microcontroller solid state based digital isolated electro surgical diathermy unit 240 – 400 watt with digital push switch control provides Consistent performance compatible with Argon Coagulator system, designed for all open surgeries including liver resection & liver transplantation with monopolar and bipolar modes available.

The following features required:

1. Unit should have patient plate Contact quality monitoring System/REM System- With this at the moment the contact between Plate & Patient reduces it stops the HF delivery & Gives Error Message with audio visual indications.
2. Unit should have power efficiency rating higher than 97% for patient safety and deliver accurate power.
3. Real time tissue impedance monitoring technology to deliver the selected power perfectly into a wide range of tissue types reducing thermal spread, RF interference and Neuro muscular stimulation and sparks.
4. The system should have Return Electrode Contact Quality Monitoring (REM) System preferably with Daptive REM facility.
5. The system should have facility to use two monopolar coag modes simultaneously.

6. The system should have in built Numeric Error system.
7. The System should have ability to restore last power setting for single button operational quality.
8. There should be sufficient Coag modes to be present for all applications (Preferably 4 coag modes).
9. The unit should be future ready and compatible to be used with Smoke Evacuator system, Argon Plasma Coagulator system and CUSA.

Various modes in Electrosurgical Unit:

a) Mono-polar Cut:

1. Pre cut: 300-400 W
2. Low cut: 300-400 W
3. Blend: 200-250 W

b) Mono-polar Coagulation:

1. Spray: 120 W
2. Fulgurate: 120 W
3. Desiccate: 120 W

c) Bipolar Coagulation:

1. Cut/Precise: 70-120 W
2. Force/Standard: 10-100 W
3. Micro/Macro: 70-100 W

Input Power source:

Operating Range: 170-260 VAC

Line Frequency: 50-60 Hz

Minimum High Frequency Leakage

Bipolar	Less than 60mA
Monopolar	Less than 150mA

Standard Accessories to b provided:

1. Reusable / Disposable dual pad Silicon/Polyhesive Plate with cable (Adult & Paediatric) – 10 No. each
 2. Bipolar forceps with cable – 1
 3. Mono polar-hand switch pencil – 10 no.
 4. Dual Pedal foot switch for Mono-Polar – 1 no.
 5. Single Pedal foot switch for bipolar – 1 no.
 6. Power cord – 1 no.
- The unit should comply with safety requirement of IEC60601-1 & IEC60601-2-2 and test report for each power setting need to present.
 - Type CE Equipment (IEC 601-1 & IEC 601-2-2) Defibrillator Proof
 - FDA and CE certified
 - The principal manufacturing company should have minimum 150+ installations in government institutions (installation sheet should be attached)

5. Technical specifications for Rigid Cystoscopy Set

Telescope : **QTY 1 No. Each**

- 4 mm, 30 degree, autoclavable with detachable eye-piece & having instrument tray for sterilization purposes with fixing system of telescope.
- 4 mm, 0 degree, autoclavable with detachable eye-piece & having instrument tray for sterilization purposes with fixing system of telescope.

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.

- **Diagnostic Cystoscope Sheath: QTY 1 No. Each**
 - Should be of 15.5Fr With Standard Obturator, straight, extreme short window for application in female urethras, compatible with above stated Telescopes
 - Should be of 17Fr With beak and Standard Obturator, compatible with above stated Telescopes

- **Therapeutic Cystoscope Sheath: QTY 1 No. Each**
 - Should be of 21Fr With beak and Standard Obturator, compatible with above stated Telescopes
 - Should be of 22.5Fr With beak and Standard Obturator, compatible with above stated Telescopes

- **Hand Instruments: QTY 1 No. Each**
 - Diagnostic Cystoscope Bridge
 - Therapeutic Cystoscope Bridge, One Way
 - Therapeutic Cystoscope Bridge, Two Way
 - Optical Obturators for 19.8Fr and 22.5Fr Cystoscopy Sheaths
 - Flexible Grasping Forceps Of 7Fr with more than 320mm length
 - Flexible Grasping Forceps Of 9Fr with more than 320mm length
 - Flexible Biopsy Forceps Of 7Fr with more than 320mm length
 - Flexible Biopsy Forceps Of 9Fr with more than 320mm length
 - Flexible Grasping forceps Of 9Fr with more than 320mm length, for distension of the ureter and grasping of concernments
 - Flexible Scissors Of 9Fr with more than 320mm length

6. Specifications for Surgeons' Operating Chair.

1. Surgeon Chair with wider base area around 600 x 650mm.
2. Electric Height adjustable for attaining a fatigue free seating posture.
3. Electrical Height adjustable around 500 x 700 mm by heel kicked Foot Switches.
4. Heavy duty Dual Castors of around 70 mm diameter lockable by one Foot Heel Kick
5. Seat cushion diameter to be around 400 x 400 mm with a tilt Cushion by 12°
6. Height Adjustable back rest to be spring loaded and lockable in position
7. Lower Brackets of Arm rest Pivots
8. Multi-articulated arm rest to facilitate height adjustment & rotation
9. Height adjustable arm rest pivots and tilt to any position on Ball Joint
10. Pads also Slide forward & backward on rail
11. The upper part of the chair to move around 150 mm Forward/Backward controlled by Foot lever.
12. Angle of moving lateral wings to be adjustable.



ESIC Medical College and Hospital

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F.No:134-U-16/19/Tender/surgery/2017/MED. STORE

Date: 03/01/2018

RE-E- Tender Notice No: M- 01/2018

Sub: Invitation of RE-E- Tender for procurement of Equipment for the department of surgery.

Financial Bid

S. No.	Particulars of quoted equipment			Qty	Total Amount
1	Name of equipment	Rates per Unit			
	Model of quoted equipment				
	Make of quoted equipment				
2	Tax as or if applicable @				
3	AMC and CMC for 5 years after expiry of warranty	AMC	CMC		

Date:

Place:

**Signature of tenderer
with address & seal**

Note:

- Tenderer should enclose the list with unit price of spare parts which may require after expiry of warranty.
- Tenderer should also quote the consumable price (if required for equipment)

**Signature of tenderer
with address & seal**