Sub: Invitation of E-tender for procurement of equipments for the department of medicine.

Medical Superintendent, 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

<table>
<thead>
<tr>
<th>S.N</th>
<th>Name of Equipment</th>
<th>Quantity</th>
<th>Last date of applying online tender</th>
<th>Cost of earnest money</th>
<th>Submission &amp; date of opening tender</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>TWELVE CHANNEL ECG MACHINE</td>
<td>10</td>
<td>30/08/2016 up to 1.00 pm</td>
<td>Rs 75000/- (Seventy five thousand only)</td>
<td>30/08/2016 up to 1.00 pm, Tender will be open on same date-30/08/2016 at 2.00 pm</td>
</tr>
<tr>
<td>2</td>
<td>TMT MACHINE</td>
<td>01</td>
<td>30/08/2016 up to 1.00 pm</td>
<td>70000 (Seventy thousand only)</td>
<td>30/08/2016 up to 1.00 pm, Tender will be open on same date-30/08/2016 at 2.00 pm</td>
</tr>
<tr>
<td>3</td>
<td>TWELVE CHANNEL HOTLER MONITORING SYSTEM WITH THE DIGITAL RECORDER</td>
<td>01</td>
<td>30/08/2016 up to 1.00 pm</td>
<td>40000 (Forty thousand only)</td>
<td>30/08/2016 up to 1.00 pm, Tender will be open on same date-30/08/2016 at 2.00 pm</td>
</tr>
<tr>
<td>4</td>
<td>ECHO-CARDIOGRAPHY</td>
<td>01</td>
<td>30/08/2016 up to 1.00 pm</td>
<td>125000 (One lac twenty five thousand)</td>
<td>30/08/2016 up to 1.00 pm, Tender will be open on same date-30/08/2016 at 2.00 pm</td>
</tr>
<tr>
<td>5</td>
<td>MULTICHANNEL MONITOR</td>
<td>20</td>
<td>30/08/2016 up to 1.00 pm</td>
<td>250000 (Two lac fifty thousand only)</td>
<td>30/08/2016 up to 1.00 pm, Tender will be open on same date-30/08/2016 at 2.00 pm</td>
</tr>
<tr>
<td>6</td>
<td>ADVANCED MODULAR MONITOR</td>
<td>10</td>
<td>30/08/2016 up to 1.00 pm</td>
<td>225000 (Two lac twenty five thousand only)</td>
<td>30/08/2016 up to 1.00 pm, Tender will be open on same date-30/08/2016 at 2.00 pm</td>
</tr>
<tr>
<td>7</td>
<td>SYRINGE PUMP</td>
<td>15</td>
<td>30/08/2016 up to 1.00 pm</td>
<td>2250 (Two thousand two fifty only)</td>
<td>30/08/2016 up to 1.00 pm, Tender will be open on same date-30/08/2016 at 2.00 pm</td>
</tr>
<tr>
<td>8</td>
<td>DEFIBRILLATOR</td>
<td>04</td>
<td>30/08/2016 up to 1.00 pm</td>
<td>30000 (Thirty thousand only)</td>
<td>30/08/2016 up to 1.00 pm, Tender will be open on same date-30/08/2016 at 2.00 pm</td>
</tr>
<tr>
<td>9</td>
<td>PULSE OXIMETER</td>
<td>10</td>
<td>30/08/2016 up to 1.00 pm</td>
<td>2500 (Twenty five hundred only)</td>
<td>30/08/2016 up to 1.00 pm, Tender will be open on same date-30/08/2016 at 2.00 pm</td>
</tr>
</tbody>
</table>

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](https://esictenders.eproc.in).
2. A complete set of hard copy of tender documents along with EMD must be submitted latest by 30/08/2016 up to 01.00 pm. in the tender box kept in DMS Room (OLD BUILDING) 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 favour 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 30/08/2016 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](https://esictenders.eproc.in), [http://www.esic.nic.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.

Selection of the successful bidder will be at the sole discretion of the Medical Superintendent 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.
Tender Notice No: M-7/2016

Sub: Invitation of E-tender for procurement of equipments for the department of medicine.

From: THE MEDICAL SUPERINTENDENT
ESIC MEDICAL COLLEGE AND HOSPITAL,
NH-3, FARIDABAD, HARYANA-121001.

Sir (s),

The Medical Superintendent, 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 Medicine 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 30/08/2016 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 Medical Superintendent, 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 DMS room up to 01:00pm on 30/08/2016. 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 30/08/2016 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. Medical superintendent, 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.
Tender Notice No: M-7/2016

Sub: Invitation of E- tender for procurement of equipments for the department of medicine.

Annexure-I

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

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Document</th>
<th>Submitted (Yes/No)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Earnest money deposit by demand draft only</td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td>Copy of Attested TIN</td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td>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</td>
<td></td>
</tr>
<tr>
<td>4.</td>
<td>Authorization certificate from principal/ Manufacturer and that spares &amp; 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)</td>
<td></td>
</tr>
<tr>
<td>5.</td>
<td>Undertaking from the manufacturer certifying that they will provide the AMC/CMC even when agent is changed</td>
<td></td>
</tr>
<tr>
<td>6.</td>
<td>A certificate about Satisfactory performance report of the equipment &amp; quality of after sales service duly authenticated from existing users of the equipment (As per Annexure -B)</td>
<td></td>
</tr>
<tr>
<td>7.</td>
<td>A signed undertaking on non judicial stamp paper of 100/- (One hundred only) along with tender (As per Annexure -C)</td>
<td></td>
</tr>
<tr>
<td>8.</td>
<td>Compliance certificate to any standard as mentioned in the specification</td>
<td></td>
</tr>
<tr>
<td>9.</td>
<td>Catalogue of quoted machine with complete specification</td>
<td></td>
</tr>
<tr>
<td>10.</td>
<td>Undertaking of warranty of equipment</td>
<td></td>
</tr>
</tbody>
</table>

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
F.No:134- U-16/19/Tender/Medicine/2016-med store FBD-005 Date: 05/08/2016

Tender Notice No: M-7/2016
Sub: Invitation of E-tender for procurement of equipments for the department of medicine.

General Terms and Conditions

| Period for submission of E-tender form | From 05/08/2016 to 30/08/2016 up to 1.00 pm |
| Last date & time of submission of e-tender | 30/08/2016 up to 1.00 pm |
| Date & time of opening of e-tender | 30/08/2016 at 2.00 pm |

Bid security/ Earnest money to be sent through post/delivered in hand/dropped in tender box

Mentioned against each equipment In Annexure - X

INSTRUCTIONS FOR E-TENDER

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 E-tenders.

Bidder should get registered at https://esictenders.eproc.in.

Bidders needs to submit bid processing fee charges of Rs 2495/- non refundable in the form of demand draft from any scheduled bank in favour Of M/S C1 India Pvt. Ltd. Payable At New Delhi for participating in the tender.

Along with the demand draft, bidder needs to send a covering letter mentioning about the payment details company name address payment towards ESIC bid processing fees mention the tender ID and tender title.

The Payment should reach at the below mentioned address, one day before the due date and time of bid submission:

Kind Attn: Ms. Ranjana Sharma

M/s. C1 India Pvt. Ltd.
301, Gulf Petro Chem Building,
1st Floor, Udyog Vihar, Phase – 2,
Gurgaon, Haryana – 122015.

Note: payment will be approved only after physical receipt of demand draft.
HELP DESK NUMBERS ARE OPEN BETWEEN 0930 HRS to 1800 HRS 1ST MONDAY TO FRIDAY (Exclusions: HOLIDAYS)

Please email your issues at esichelpdesk@c1india.com before you call helpdesk.

This will help us serving you better.

Contact Nos. and email IDs of helpdesk officers:

<table>
<thead>
<tr>
<th>Name</th>
<th>Email</th>
<th>Phone Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Mr. Elavarasan</td>
<td><a href="mailto:elavarasan.raghunathan@c1india.com">elavarasan.raghunathan@c1india.com</a></td>
<td>+91-022-66865600/10/11/</td>
</tr>
<tr>
<td>Raghunathan</td>
<td></td>
<td>+91-8655995550</td>
</tr>
<tr>
<td>2. Ms. Anjali</td>
<td><a href="mailto:anjali.thombare@c1india.com">anjali.thombare@c1india.com</a></td>
<td>66865600/10/11</td>
</tr>
<tr>
<td>Thombare</td>
<td></td>
<td>+91-022-</td>
</tr>
<tr>
<td>3. Mr. Ashish Kumar</td>
<td><a href="mailto:ashish.kumar@c1india.com">ashish.kumar@c1india.com</a></td>
<td>66865600/10/11</td>
</tr>
<tr>
<td>4. Mr. Nimesh</td>
<td><a href="mailto:nimesh.bhardwaj@c1india.com">nimesh.bhardwaj@c1india.com</a></td>
<td>+91-0124-4302034/</td>
</tr>
<tr>
<td>Bhardwaj</td>
<td></td>
<td>+91-9971556555</td>
</tr>
<tr>
<td>5. Ms. Ranjana</td>
<td><a href="mailto:ranjana.sharma@c1india.com">ranjana.sharma@c1india.com</a></td>
<td>+91-124-4302033</td>
</tr>
<tr>
<td>Sharma</td>
<td></td>
<td>+91-124-4302035/</td>
</tr>
<tr>
<td></td>
<td></td>
<td>+91-9310527400</td>
</tr>
</tbody>
</table>

For payment related queries

FOR ESCALATIONS CONTACT

<table>
<thead>
<tr>
<th>Name</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Mr. Ashish Goel</td>
<td><a href="mailto:ashish.goel@c1india.com">ashish.goel@c1india.com</a></td>
</tr>
<tr>
<td>2. Mr. Achal Garg</td>
<td><a href="mailto:achal.garg@c1india.com">achal.garg@c1india.com</a></td>
</tr>
</tbody>
</table>
PREPARATION OF TENDER:

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

2. SIGNING OF 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:
   a) 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.
   b) 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 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 Medical Superintendent’ , 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 Medical 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 Medical Superintendent. 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 Medical Superintendent. In the event of the contractor/ supplier contravening the condition, Medical superintendent 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 Medical Superintendent, 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 Medical Superintendent 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 Medical Superintendent. The procedure of Arbitration will be governed by provisions Arbitration Act 1996.

g) Document: - The tenderer should have a valid Trade licence, VAT, PAN/ TAN any 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 and 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 as certain the eligibility of whatsoever concession. No ‘C’ or ‘D’ form is to be issued by this office. CST/VAT 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 Medical Superintendent, 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 Medical Superintendent may allow additional time under special circumstances such as strikes, lockouts, fire accidents, riots, etc.

MEDICAL SUPERINTENDENT
Tender Notice No: M-7/2016
Sub: Invitation of E-tender for procurement of equipments for the department of medicine.

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.
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 ‘Medical Superintendent, 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. Medical Superintendent 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.

**Medical Superintendent**
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/Medicine/2016-med store FBD-005
Date: 05/08/2016

Tender Notice No: M-7/2016
Sub: Invitation of E- tender for procurement of equipments for the department of
medicine.

Annexure-IV

Technical Bid

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Name of firm and type of firm</td>
</tr>
<tr>
<td>2</td>
<td>a Full postal address.</td>
</tr>
<tr>
<td></td>
<td>b Cell Phone No.</td>
</tr>
<tr>
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<td>Name and address of your Bankers stating the name in which the</td>
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<td>4</td>
<td>Are you in the list of approved contractors of any other</td>
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<td>organisations/ institutions, if any give details.</td>
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<td>5</td>
<td>Any other information which you consider necessary to furnish</td>
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Compulsory scanned copy of documents to be uploaded

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<thead>
<tr>
<th>S. No.</th>
<th>Document</th>
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<tr>
<td>1.</td>
<td>Authority letter from the competent authority with respect to name,</td>
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<td>designation and specimen signature of the representative signing the</td>
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<td>tender document/authority letter</td>
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<td>Copy of Attested TIN</td>
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<td>3.</td>
<td>Undertaking indicating that they have not supplied the said equipment</td>
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<td>to any individual, Govt. or private institution at the rate lower than</td>
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<td>Authorization certificate from principal/ Manufacturer and that</td>
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<td>spares &amp; any other miscellaneous items (As applicable)of the equipment</td>
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<td>quoted will be freely available for at least five years after expiry of</td>
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<td>warranty/guarantee period (As per annexure -A)</td>
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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

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

Date:
Place:

Signature of the tenderer
AUTHORIZATION CERTIFICATE

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

4. (A) I/We give the rights to Medical Superintendent, 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 Medical Superintendent, 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

Item No. 1

12-Channel ECG Machine

1. Portable 12 lead ECG machine to capture all 12 leads simultaneously.

2. Should have 3 inch approx or bigger VGA 320 x 240 LCD colour display to preview lead ECG in 4 + 4 or 6+ 6 lead presentation.

3. Should have inbuilt rechargeable battery with 5 to 7 hours of standby time.

4. Should have A 4 size roll/Z fold thermal recorder to print ECG.

5. Should have validated and established auto interpretation.

6. Should on screen potential lead reversal; lead off etc., for both chest and limb leads prior to printing to save paper.

7. Should be able to acquire rhythm strip for up to six selected leads.

8. Should be configurable to print automatically the best ECG for ten seconds from buffer memory of one minute of ECG.


10. ECG device should have:

   A. Have sampling rate of at least 1000 Hz or higher sampling rate and up to 10,000 or higher sampling rate for accurate pacemaker pulse detection.

   B. CMMR greater than 100 db

   C. A/D conversion 20 bits.

   D. Frequency response in the entire diagnostic range of 0.05 to 1.50 Hz or better.

   E. Low pass filter setting selection from 40 Hz/150 Hz or 250/300 Hz.

   F. External storage of ECG from memory to USB stick and software to read the ECG on any computer.

   G. Patient cable set (Two numbers)

   H. Clamp Set (Two numbers)
I. Chest Bulbs with electrode set (Two numbers)

J. A – 4 size roll/ Z fold ECG printing packets (100 Numbers) each packet having minimum 200 sheets.

12. Trolley - Good quality Trolley to transport the ECG machine (to be quoted separately.)

13. Full Alpha numeric QWERTY keyboard

**Item No. 2**

**TMT Machine**

1. The system must support the 3-6-12 lead resting and stress ECG.

2. All leads configuration can be displayed on screen and printed in final report.

3. The system must provide pop-up medians in post-test review to view Individuals QRS complexes time synchronized to leads viewed in the trend graphs.

4. The system must provide interpretative tools for resting ECG.

5. The system must provide risk assessment tools like Duke Treadmill Score/ Heart rate recovery score.

6. The system must allow for ECG display speed and amplitude adjustment.

7. The system must provide BP measurements in mm/Hg.

8. The system must be able to re-analyse ECG procedure data, reset measurement points and recalculate S, T segment values based on new points.

9. The system must be able to score patient test results using Duke Treadmill score/ Heart rate recovery score.

10. The system must provide full disclosure ECG and allow detailed review and measurement of full disclosure ECG.

11. Reports can be emailed with no additional hardware or software.

12. The system must be configurable for paperless documentation storage/archiving

13. The system must support viewing online reports using non-proprietary software.

14. The system must support saving final reports in non-proprietary format.
15. The system must have the ability to simulate a stress test for quality assurance and training.

16. The system must have the ability to change protocol to any other programmed Protocols or manually control in system during the procedure.

17. The system must have the ability to view 3-, 6-, or 12-ECG leads on screen during exam.

18. The system must have the ability to edit final report while viewing ECG in recovery

19. The system must have the ability to permit user to customize protocol.

20. The system must operate on a Windows platform.

21. The system must support colour inkjet printer and thermal chart recorders A4 Paper sizes.

22. The system should have minimum of 500 GB hard drive.

23. System should have at least 4 GB RAM

24. The system must use PC compatible monitors, printers and External storage devices, including CD- RW, SD CARD and USB external hard drives.

25. The system must provide a detachable patient ECG acquisition module with replaceable patient lead wires.

26. The Acquisition module should be digital.

27. The system must provide patient procedure data storage on a PC network

28. The system must have customizable final report

29. The final report must be configurable with a logo or image for display and printing

30. Final reports must be exportable from the system in PDF

31. Comprehensive procedure data must be exportable from the system in XML.

32. The ECG trace display speed must be adjustable in real-time.

33. The system must provide a database backup and recovery tool.

34. The system database must be sortable procedure type patient name, date of procedure, patient ID.
35. During the procedure the user must be able to review the procedure and patient information from the active ECG screen.

36. The system must provide multilevel and multi person password protected security system should be FDA.

37. The system should have the facility of SCF learning for the best result.

38. The system should have wireless acquisition module.

39. The system must have the automatic non-invasive BP measuring device which should be synchronized with the TMT software and can take auto BP as per required by software settings.

40. The system should have online thermal printer, which can print the report automatically stage by stage.

41. The thermal printer must be same make which TMT software will be provided.

42. System should be provided with heavy duty Treadmill with at least 22% elevation.

43. The treadmill should work on Bruce Protocol.

44. The treadmill should be FDA Approved.

45. The good quality Trolley should be provided.

**Item No. 3**

**12-Channel Holter Monitoring System with 3 digital recorder**

1. Compact, Light weight, should weigh less than 150 grams including battery and recordable media.

2. Should be possible to enter the alpha numeric patient ID for unique identification of each recording using the recorder without attaching any external input devices.

3. Should have graphic display to preview patient ECG waveform of multiple leads during patient hook up, lead quality (Impedance) check.

4. The Holter should give a Lead fail and Low battery indication.

5. There should be display of time on the Holter recorder while recording.
6. Should be a digital Holter recorder and should acquire simultaneous 12 lead (beat to beat) as per user choice for 24 hours.

7. Should have optional 48 Hour recording.

8. The Holter recorder should be able to detect and report pacemaker spikes.

9. Digital recorder should have a sampling rate of 8,000 samples/sec/channel for pacemaker spike detection.

10. Should work on AA alkaline battery for complete 24 hours recording.


System with data storage facility with following configuration (To be quoted separately)

- a. Windows Licensed Software
- b. Intel Pentium IV or higher processor with 2 GHz dual core CPU
- c. 500 GB HDD
- d. RAM : 4 GB
- e. DVD Writer
- f. Cabinet with SMPS
- g. 4 USB port
- h. 17 inch LCD
- i. Colour Ink Jet Printer
- j. Suitable Table for placing data storage system

Item No. 4:

Echocardiography Machine

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<tr>
<th>Item</th>
<th>Requirement</th>
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<tr>
<td>1</td>
<td>System must be a state–of–the–art model and must be all digital beam former with super computed signal processing and clinically proven imaging technologies.</td>
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<td>2</td>
<td>System must be offered with the following applications. : Abdominal, OB/Gyn, Renal, Small parts, Musculoskeletal, TCD, Vascular, Adult Cardiac, Paediatric Cardiac, Neonatal Cardiac, Adult Cardiac TEE.</td>
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<td>3</td>
<td>System must be offered with a minimum of 1000 digital processed channels per image frame. Technical data sheet should be enclosed in technical bid to support the number of channels on the systems.</td>
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<td>4</td>
<td>System must be offered with a 15 inch High Resolution Flat Panel Display monitor with nearly infinite position adjustments.</td>
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<td>5</td>
<td>System must be offered with frequency compounding facility. Other equivalent Technology can also be offered. Processing technology in technical bid should be highlighted.</td>
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<td>6</td>
<td>System must be offered with 2D, M–mode, Colour M-mode, Colour Flow, Pulse Wave Doppler and Directional Color Power Doppler.</td>
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<td>7</td>
<td>System must be offered with Speckle Reduction Imaging: Image processing technique to remove speckles and clutter artefacts.</td>
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<td>8</td>
<td>Should have the state of the art Transmit Real Time Compound Imaging Technology with Multiple transmitted lines of sight, wherein Multiple Coplanar Images from different viewing angles are obtained and combined into a single compound Image at real-time frame rates for improved visualization &amp; better Image quality in Vascular Imaging &amp; to virtually clean up the Image of artefacts.</td>
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<td>9</td>
<td>System must be offered with a very high dynamic range of at least 230 Db to pick up subtle echoes. Dynamic range in Db must be clearly mentioned in the technical quote.</td>
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<td>10</td>
<td>Frequency processing facility for the transducers should be 2 - 15 MHz. This must be available without the need for frequency switching.</td>
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<td>11</td>
<td>Independently selectable gain Control in Lateral plane. (Better technology can also be offered).</td>
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<td>12</td>
<td>Triplex Imaging should be standard on the system.</td>
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<td>13</td>
<td>System must be offered with an acquisition frame rate of at least 300 frames/second. Acquisition frame rate should be clearly mentioned in the technical quote.</td>
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<td>14</td>
<td>System must be offered with Cine loop review facility: Should be able to acquire and display up to 1000 frames of 2D and colour images for retrospective review and image selection.</td>
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<td>15</td>
<td>Must be offered with a single button control for automatic optimization and adjustment of TGC and Receiver Gain to achieve optimal uniformity of image quality and faster scans. This should be demonstrated to the users in vascular exams during technical discussions.</td>
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<td>16</td>
<td>System must be offered with Enhanced Tissue Harmonic Imaging should be standard on the system. This should be based on a real – time digital signal storage and phase cancellation technique to enhance axial and Contrast resolution.</td>
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<td>17</td>
<td>Linear Array Imaging with expanded field of view on both side of linear image on the system must be offered.</td>
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<td>18</td>
<td>Siescape Imaging should be standard on the system.</td>
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<td>19</td>
<td>Must have 4 Active Imaging Transducer Ports with electronic switching.</td>
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<td>20</td>
<td>Should be FDA approved.</td>
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**SPECIFICATION FOR COLOUR DOPPLER SYSTEM:**

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<td>20</td>
<td>Storage – Should have greater than 20000 image storage facility in the system hard disk drive. System should have extensive image management capability including thumbnail review, Cine loop editing etc.</td>
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Archive – Should have facility to transfer images to an integrated CD writer, without any interfacing. Specify if integrated CD writer is available in your technical quote.

Print – Should have direct connectivity to Inkjet printer for printing images & report.

Full functional measurement facility and calculation should be possible.

**SYSTEM MUST BE THE FOLLOWING TRANSDUCERS**

1) 2–5 MHz Broadband Curved Array Transducer for Abdominal, Renal, OB/Gyn. imaging. Must have Tissue Harmonic Imaging. Should attach technical data sheet of transducer to specify.

2) 4–7 MHz Broadband Tightly Curved Array Transducer for Vaginal imaging. Should attach technical data sheet of transducer to specify.

3) 3–12 MHz Linear Array Transducer for Vascular, Small Parts, Musculoskeletal imaging. Must have Tissue Harmonic Imaging. Should attach technical data sheet of transducer to specify.

**System should be supplied with the following peripheral devices:**

1) Thermal B/W Printer.
2) 2 KVA ONLINE UPS.

**The following upgrades on the same system must be quoted as optional**

1) 2–4 MHz Broadband Adult Echo Transducer for Adult Cardiology imaging. Must have Tissue Harmonic Imaging. Should attach technical data sheet of transducer to specify.

2) 3–8 MHz Broadband Pediatric Echo Transducer for Pediatric Cardiology imaging.

3) 2-7MHz Trans-esophageal Transducer with for Adult applications. With Electrocautery Suppression. Should attach technical data sheet of transducer to specify.

**Item No. 5**

**Multi Channel Monitors**

1. The machine shall have a modular design to allow flexible configuration of the monitored parameters.
2. It should have inbuilt 17” TFT LCD display with resolution 1280* 1024 and maximum waveform should be 13 nos.
3. It should have following parameters as standard:

A) ECG (5 lead selectable, 12 lead optional)
B) Respiration
C) NIBP
D) Spo2
E) 2- temperature (skin and nasopharyngeal)
F) ETCO2 sidestream (optional)

4. The unit should be upgradable to the following parameters:- cardiac output , multi-gas , BIS, ICG and up to 8 CH – IBP.

5. ECG should have ST analysis and arrhythmia analysis (16 types).

6. It should have following interface –

A. VGA output
B. Analog output
C. Defibrillator synchronization output
D. SD card
E. USB

It should have option of wired / wireless central station and should nurse call function.

7. It should have trends review of all parameters for 150 h and NIBP measurement storage of 1200 sets.

8. It should support - HL-7 compatibility.

9. It should have a Li- ion rechargeable battery (2 slots) with a backup of up to 6 hours or longer duration.

10. It must have a valid FDA certificates.

**Item No. 6**

**Advance Modular Monitor**

1. Advanced Modular Patient monitor having integrated basic measurements & features with capability to provide additional clinical measurements by attaching single/ dual/ multi-parameter modules.

2. The monitors should have bright, highly visible, minimum 12 inch colour touch display for easy viewing from a distance in a large intensive care unit.

3. The unit must have an inbuilt continuous battery backup of minimum 3 hours.

4. Should have the capability to display at least 6 real time waveforms along with related numerical parameters on a single screen.
5. The Monitor should have 12 lead ECG display (simultaneous) with capability to derive 12 leads with 5 lead ECG cable only.

6. The size of the numeric should be adjustable & capable to become bigger for viewing from very long distance. The size adjustment should be easily done using the keys on the screen by the user.

7. The monitor should have the capability to be operated through full touch screen operation. The display should have ambient light adjustment i.e. should automatically adapt to environment light.

8. The monitors should have the capability to monitor ECG, Respiration, NIBP, SpO₂ and temperature as standard with each unit.

9. Module/server displaying 3/5/12 lead ECG with integrated and empanelled 3.5” or more TFT touch screen and should be operable using battery power up to 3 hours or more. It should have capability to be used as separate transport monitor and to transfer back the patient data to main monitor seamlessly.

10. Should have capability to get upgraded to connect other devices.

11. For following advanced parameters modules/ servers. Price should be quoted separately.
   a. Micro Stream ETCO₂ monitoring with both accessories for both intubated and non-intubated patients
   b. Two IBP with transducers and its stand.

12. Patient Monitor should be upgradable to Continuous Cardiac Output (CCO), NMT and AGM.

13. The monitor should have configurable & changeable screen configurations for various monitoring settings like emergency, training, post Op, general monitoring etc.

14. The monitor should be capable to display 48 hours trends for all monitored parameters. Time resolution for trends should be selectable.

15. It should have the capability to provide event review based on the events defined by the user of the monitor as per the specific condition of the patient.

16. The monitor should be able to work on mains even if batteries need to be removed.

17. The monitor must be FDA approved. (Requisite certificates to be enclosed).

Accessories to Be Supplied: (with each monitor)

1. Adult 5 Lead ECG Cable – 1 no
2. Adult NIBP Hose – 1no
3. Adult and pediatric SPO₂ Sensor – 1no each
4. Temperature probe (nasopharyngeal and skin) one each
**Item No. 7**

**Syringe Pump**

1. The syringe pump should be programmable, user friendly, safe to use and should have battery backup and comprehensive alarm system.
2. Must work on commonly available standard 2ML, 5ml, 10ml, 20ml, 50 ml, 60 ml Syringes with accuracy of minimum of +/- 2% or better, with automatic syringe size recognition.
3. Manufacturer should be ISO and FDA certified for quality standards
4. Flow rate programmable from 0.1 to 1000 ml/hr or more in steps of 0.1 ml/hr with user selectable flow set rate option. Save last infusion rate even when the AC power is switched off.
5. Bolus rate should be programmable to 1 to 1500 ml/hr or more with infused volume display and one key press bolus. Reminder audio after every 1 ml delivered bolus. Bolus on demand option should be available.
6. Display of Drug directory of more than 200 drugs, customized and adjustable, locking for low and upper limit.
7. Key board locking system for patient safety key pad and manual.
8. Keep Vein Open (KVO) must be available 1.0 ml/hr or set rate if lower than 1.0 ml. User should have choice to disable KVO whenever desired.
9. Selectable Occlusion pressure trigger levels selectable from 300/500/900 mmHg
10. Automatic detection of syringe size & proper fixing. Must provide alarm for wrong loading of syringe such as flanges out of slot; disengaged plunger, unsecured barrel etc.
11. Anti bolus system to reduce pressure on sudden release of occlusion.
12. Should have comprehensive alarm package including: Occlusion limit exceed alarm. Near end of infusion pre-alarm & alarm, Volume limit pre-alarm & alarm, KVO rate flow, Low battery pre-alarm and alarm, AC power failure, Drive disengaged and preventive maintenance.
13. Manual/automatic pusher with plunger protection guard
14. Rechargeable Battery having at least 8 hours backup for about 5ml/hr flow rate with 50ml syringes. Larger battery life and indication of residual life will be preferred.
15. Mounting device/Docking Station for two or four pumps as per requirement so as to enable to power up to 2-4 pumps with one power cord when mounted on IV pole.
16. The unit shall be capable of stored and operating continuously in ambient temperature of 10-50 deg C and relative humidity of 15-90%
17. Power input to be 220-240 VAC, 50Hz
   A. Pump should be upgradable PCA, TCI.
   B. Pump weight should not more than 2kg.
   C. Pump should be stackable.
   D. Accuracy – 2%
18. Log Book with instructions for daily, weekly, monthly and quarterly maintenance checklist. The job description of the hospital technician and company service engineer should be clearly spelt out.
20. The service provider should have the necessary equipment’s recommended by the manufacturer to carry out preventive maintenance test as per guidelines provided in the service/maintenance manual.

**Item No. 8**

**Defibrillator**

1. Portable, lightweight External Defibrillator with ECG, SpO2, NIBP monitoring.
2. Should have programmable current pulse amplitude from 10mA to at least 160mA.
3. Should be fitted with a printer.
4. Defibrillator should administer biphasic shocks (from 2 to at least 200 Joules), including ability to deliver synchronized shocks. Should have both manual as well as AED capability.
5. Charge time should be less than 5 seconds.
6. The device should be AC/12V DC powered with ability to run on internal battery and power for a minimum of 6 hours and 100 full voltage shocks. Defibrillators working only on battery should not be quoted.
7. Should have ability to display record and print at least 3-channel ECG simultaneously.
8. Should have both adult and paediatric defibrillation paddles.
9. Should have appropriate configurable alarms with event recording facility.
10. Should be able to show trends for last 24 hours of all parameters monitored.
11. Should have connection for attaching disposable patch electrodes from which defibrillation/ECG recording is possible. Vendor has to provide connecting cables for at least 3 commonly available patches available in the market. Bids with compatibility only with the same vendor’s patches will not be accepted.
12. One set of additional ECG cable and other cables should be included in the price.
13. Prices of all breakable and non breakable items should be mentioned along with all accessories. The warranty should include the defibrillation paddles for breakage and replacement. All connecting cables have to be supplied in duplicate and cables should be included in the price (should mention its price separately in the quotation also). Price of defibrillation/patching patches of the vendor need to be quoted.
14. Should be FDA approved
15. Vendor has to provide the following accessories -- no.s are given in brackets:
16. Reusable NIBP cuffs (all 4 sizes, from neonate to adult, 5 each),
17. Disposable NIBP cuffs for neonates (10),
18. Reusable SpO2 probes (adult, paediatric, infant and neonate-5 each),
19. Disposable SpO2 probes for neonates and infants (50),
20. Disposable adult and child defibrillation patches (10 each)
21. Vendor must provide good quality trolley with the defibrillator. To be quoted separately.
22. Appropriate Carry bag price separately
23. Capability to do 12 lead ECG if needed from 5/10 leads and ETCO₂ monitoring (optional)

**Item No. 9**
**Pulse Oximeter (Table Top)**

1. Light weight, Compact, dedicated pulse oximeter unit for use in all patient age group, newborns to adults (multisign monitors with other modules inactivated will not be considered.)
2. Non-invasive monitor for display of arterial oxygen saturation with heart rate monitoring.
3. Provide accurate reading from 70-100% saturation, Accuracy + 2-3%
4. Weight including battery should be less than 2 Kgs.
5. The pulse oximeter should have no/minimal motion artifacts
6. Should use Nellcor or Masimo/PureSAT Signal Extraction Technology (SET)
7. The display should be clear, TFT/LCD screen at least 4 inch size. Visible from all sides and at wide angle also. Should display numerical value of HR, saturation and the waveform (pleth).
8. User preset Alarm function (audible and visual) – high/low reading for SO₂ and HR, probe failure, electricity failure.
9. Volume of alarm is adjustable with option of silencing of the alarm.
10. Able to reproduce trends of HR and Saturation for past 24 hr.
11. It should have a facility for pulse wave display and display of heart rate. Audible and visual alarms should be adjustable for high and low settings for saturation and heart rate.
12. In-built battery backup for at least 6 hours.
13. FDA/CE (European) approved certification
14. The firm should quote quote the rates with 3 years warranty (including all spares, accessories & labor) & post warranty CMC (2 Years)

**Accessories supplies with each unit**

- **a) Connecting cable for sensor 02 nos. with each unit**
- **b) Reusable probes with units as per following nos. (Total 15 with each unit)**
  - i. For 5 units: 05 each of neonatal, Pediatric and Adult probe with each unit
  - ii. For 3 units: 15 adult probe with each unit
  - iii. For 2 units: 12 adult and 03 pediatric probe with each unit
**Tender Notice No: M-7/2016**

Sub: Invitation of E- tender for procurement of equipments for the department of medicine.

Annexure-V

**Financial Bid**

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Particulars of quoted equipment</th>
<th>Qty</th>
<th>Total Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Name of equipment</td>
<td>Rates per Unit</td>
<td>01Unit</td>
</tr>
<tr>
<td></td>
<td>Model of quoted equipment</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Make of quoted equipment</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Tax as or if applicable @</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>AMC and CMC for 5 years after expiry of warranty</td>
<td>AMC</td>
<td>CMC</td>
</tr>
</tbody>
</table>

Date:  
Place:  
Signature of tenderer with address & seal

**Note:**

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