



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/paediatrics/2017- MED. STORE

Date: 26/10/2017

RE-E- Tender Notice No: M- 15/2017

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

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	Submission & date of opening tender
1.	Over head Servo-control warmers	08 (Eight)	15/11/2017 upto 1.00 pm	120,000/-	15/11/2017 up to 1.00 pm, Tender will be open on same date- 15/11/2017 at 2.00 pm
2.	Ventilator (with neonatal modes)	01 (One)	Same as above	75,000/-	Same as above
3.	Bubble CPAP system	01 (One)	Same as above	9,000	Same as above
4.	T-piece Resuscitators	01 (One)	Same as above	3600/-	Same as above
5	Air-Oxygen Blenders	05(Five)	Same as above	15,000	Same as above
6	Double surface phototherapy units (LED)	04(Four)	Same as above	10,800/-	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 15/11/2017 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/C NO-1” Payable at FARIDABAD. Application received without Earnest Money Deposit (EMD) will be rejected.** The technical bid will be opened online **15/11/2017 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 **Paediatrics** 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 **15/11/2017** 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 **15/11/2017**. 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 **15/11/2017** 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, Trade Licences	

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 E- tender form	From 26/10/2017 to 15/11/2017 up to 1.00 pm
Last date & time of submission of e- tender	15/11/2017 upto 1.00 pm
Date & time of opening of e- tender	15/11/2017 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

All bidders/contractors are required to procure Class-III B Digital Signature Certificate (DSC) with Both DSC Components i.e. Signing & Encryption to participate in the ETenders. Bidder should get Registered at <https://esictenders.eproc.in>.

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

Bidder 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 (or in any other form as acceptable by C1 India Pvt. Ltd.) 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, User ID and Payment towards ESIC Bid Processing Fees (Mention the Tender ID and Tender Title).

The payment should reach at the below mentioned address, at least one day before the due date and time of Bid Submission:

Kind Attn: Mr. Mohit Chauhan
C1 India Pvt. Ltd.
301, Gulf Petro Chem Building, 1st Floor,
Udyog Vihar, Phase – 2,
Gurgaon, Haryana - 122015

Note: Bid Processing Fee will be Approved only after the receipt of payment.

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 Re-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/GST 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 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 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.

DEAN



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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.



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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, Trade Licences	

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

OVER-HEAD SERVO CONTROL WARMERS (Radiant Warmers)

Technical Specifications:

1. Microprocessor controlled Radiant Warmer with integrated bassinet for neonatal care used for clinical management/ prevention of hypothermia in preterm and sick neonates.
2. Heating element should be Ceramic/Infra-Red/ any other (with parabolic reflector) with a life time warranty. Heater Module should be able provide even heat even when tilted for taking X-rays.
3. The equipment should be operable in Manual, Air as well as servo-control mode.
4. There should be provision of measuring both central and the peripheral temperature continuously with re-usable/ disposable probes. Probes should be easy to clean and disinfect. Probes should of good quality material with long expected life.
5. Temperature Sensor accuracy: +/-0.2 deg C.
6. Set temperature range: 34-38 degree C.
7. Temperature display: Bright, numerical, large and easy to read LED display good for viewing from distance also. The electronic control panel should have key lock facility.
8. Alarms: High temperature (more than 0.5 deg C difference); Low temperature (more than 0.5 deg C difference); Temperature probe failure; Power failure; System failure; Heater failure; Time out alarm (manual mode).
9. Physical dimensions should not be more than 150 cm (L) x 100 cm (W) x 200 cm (D). Warmer surface should have rust resistant coating. Warmer surface should be easy to clean and disinfect.
10. Bed tilt facility should be available at both head and foot end.
11. Integrated X-ray tray.
12. Facility of IV pole
13. Observation lamp: Halogen based lamp focusable anywhere on the bed with sufficient illumination to assess colour of baby while procedures.
14. Inbuilt storage shelves.
15. The unit should have the facility of jerk free height adjustment.
16. Base should have good quality castors (lockable) so that the equipment can be easily shifted from one place to another.
17. Power requirement 220-240 V AC, 50-60 Hz, < 1KW at 100% heater output. The unit should have in-built battery back-up of minimum 20-30 minutes. Suitable UPS with minimum one-hour electricity back-up should be supplied with the system.
18. The unit should be capable of being stored continuously in ambient temperature of 0-50 degree C and relative humidity of 15-90%. The unit should be capable of operating continuously in ambient temperature of 20-30 degree C and relative humidity of 15-90%.
19. The product should be European CE as well as US FDA Approved. Should meet all General Requirements of Safety for Electromagnetic Compatibility and Electrical safety.

20. Complete Product warranty for 2 years. CMC and AMC for next 5 years.
21. Availability of spares from installing date must be there for a period of at least 10 years.
22. Local Service facility in Faridabad/ Delhi/NCR region with response time of within 24 hours.
23. All consumables (if any) required for installation and standardization of system to be given free of cost. Supplied with proper demonstration, user manual, service manual and set-up guidelines in English.
24. Each unit should be supplied with two skin, two air and two peripheral temperature probes (re-usable). In case of disposable probes, 20 probes (all three types) should be provided with each unit. One mattress and cover and spare set of fuses must also be provided with the unit.
25. The price for reusable temperature probes, disposable temperature probes mattress/cover, fuses, and other important spares and accessories (if any) for further purchases should be quoted separately which would be freezed for next two years.

Neonatal Ventilator

Technical Specifications:

1. Continuous flow, pressure limited and time-cycled ventilator.
2. Microprocessor controlled design for neonatal/infant use which is upgradable for additional features.
3. The ventilator head should have an online UPS / battery back-up for a minimum of two hours, which must activate instantly upon power failure with an audio-visual alarm for power failure. The alarm must get reset automatically when the power is resumed.
4. Servo controlled humidifier suitable for heated wire circuits both reusable and disposable.
5. The flow sensor should be of Proximal End technology.
6. Trigger should be sensed by flow/volume and leak adapted.
7. Modes of ventilation must include:
 - IMV/IPPV
 - CPAP including non-invasive Ventilation through high flow nasal cannula, nasal prongs and nasal Mask
 - SIMV, SIPPV/Assist control
 - Pressure support ventilation
 - Apnea back-up ventilation
 - Facility of setting Volume Guarantee mode and also Volume Limit functions
 - Provision of settings to do CO₂ wash out in patients with CO₂ retention
 - High frequency ventilation
8. The Control setting should allow (+/-5% variations permissible):
 - Breaths rate: 2-60 bpm or higher
 - Oxygen through integrated blender: 21-100%
 - Base flow: 1-30 L/min
 - PIP: 8-35 cm H₂O or higher
 - PEEP: 0-10 H₂O or higher
 - TV: 2-100 ml or higher
 - I Time: 0.1 -2 sec.
 - E Time: 0.2- 30 sec.
 - Leak Compensation: Up to 40 %
 - High frequency amplitude: 1-100%
 - Adjustments for variable Inspiratory and expiratory flows in cases of CO₂ retention
9. Should have a high-resolution TFT screen at least 12 inches size for real time display of scalar (pressure, flow and volume against time) and loops (pressure-volume, volume-flow and pressure-flow) pulmonary graphics. There should be a digital display of FiO₂, Peak Mean airway pressure, CPAP/ PEEP, expiratory tidal volume, expiratory minute volume, total frequency, spontaneous frequency, lung function monitoring including compliance, resistance, time constant, C₂₀/C compliance coefficient, rate volume ratio.
10. Triggering by the patient should be visible on the ventilator to know the status of breathing patterns at a glance.
11. Suitable UPS with minimum one-hour electricity back-up should be supplied with the system.
12. Replacement of internal filters should be performed without removing the Compressor. Should have washable air filter. Air quality should comply with ISO compressed air class. Medical Air compressor

should automatically activate in the event of wall air supply loss. Compressor should be from the same manufacturer.

13. Should have in-built logbook for recording events like various alarms.
14. Catalogue/Brochure should be submitted along with technical bid mentioning each and every point of technical specification.
15. The equipment should be European CE as well as US-FDA approved. Should meet all General Requirements of Safety for Electromagnetic Compatibility and Electrical safety. The unit should comply with relevant IEC Certification Indian subsidiary/ dealer should have nationwide network, support offices and must be also ISO 9001 certified.
16. Availability of spares from installing date must be there for a period of at least 10 years.
17. Complete Product warranty for 2 years. CMC and AMC for next 5 years.
18. Local Service facility in Faridabad/ Delhi/NCR region with response time of within 24 hours.
19. Optional features to be quoted indicating separate price.
20. All consumables (if any) required for installation and standardization of system to be given free of cost. Supplied with proper demonstration, user manual, service manual and set-up guidelines in English.
21. Each unit should be supplied with:
 - Ventilator unit-1
 - Servo Controlled Humidifier with re-usable chamber-1
 - Snap fit compressor by the same manufacturer: 1
 - At least 12 inches size TFT screen display
 - Nebuliser: 1
 - Modular corrosion free Trolley by the same manufacturer: 1
 - Basket fitted on the pedestal for keeping the accessories: 1
 - Patient support arm/hinge arm from the same manufacturer: 1
 - Oxygen cell: 1
 - Re-usable proximal flow sensors: 2; flow sensor inserts; 20 pieces
 - Re-usable autoclavable neonatal circuit: 1
 - Disposable neonatal circuits (2)
 - Complete nCPAP circuit and accessories of variable sizes: 1 set of each size
 - High Pressure Hoses for the Oxygen and Air: 1 each of 4 metre length
 - Neonatal test lung
22. The price for all items mentioned under point 21 for further re-purchases should be quoted separately which would be freezed for next two years.

BUBBLE CPAP SYSTEM

Technical Specifications:

1. Ideal for use in neonates (especially the very preterm and extremely preterm neonates' ones) with respiratory distress.
2. Should be light weight, easily portable, sturdy and easy to maintain.
3. Servo controlled humidifier with digital display, able to provide humidification up to 100% with audiovisual display for alarms like high/low temperature, humidity and disconnection. Able to display temperature at humidification chamber as well as the patient end. Humidification chamber should be auto-fed with dual float mechanism for constant compressible volume to maintain CPAP pressure.
4. Air /oxygen blender able to deliver gas 0.5-15 lpm with selectable FiO₂ 21% to 100%. Blender should have dual flow meter. It should have condensation trap.
5. Bubble water container with overflow container for constant water level to maintain set PEEP from 3 to 8 cm H₂O.
6. Should have ports for pressure and FiO₂ monitoring and delivery of exact FiO₂.
7. Should have safety provision for maximum pressure limiting in case of occlusions.
8. Should be supplied with telescopic mobile pole having markings to fix humidifier, CPAP generator and IV hooks.
9. Patient circuits should be made of medical grade material with low dead space with spiral heated wire for warming of gases to 34-37 degree C. Flexible tubing with 360 degree Y piece for easy manoeuvrability. This should be compatible with both nasal interfaces i.e., nasal prongs as well as nasal mask.
10. The equipment should be European CE as well as US FDA Approved.
11. Complete Product warranty for 2 years. CMC and AMC for next 5 years.
12. Availability of spares from installing date must be there for a period of at least 10 years.
13. Local Service facility in Faridabad/ Delhi/NCR region with response time of within 24 hours.
14. Supplied with proper demonstration, user manual, service manual and set-up guidelines in English.
15. The equipment should be supplied with Heater wire adapter (3 pin): 1; Temperature flow sensor 1; Disposable Patient circuits: 05; Nasal tubing (preterm and term baby): 05 each; Infant bonnet (different sizes): 05 each; Bi-Nasal prongs (different sizes): 5 each; Nasal masks (different sizes): 5 each
16. The price for all these consumable items for further purchases should be quoted separately which would be freezed for next two years.

T-PIECE RESUSCITATOR

Technical Specifications:

1. The device should be ideal for use in very preterm and extremely preterm neonates in labour room, NICU and during transportation of neonates.
2. Compatible for babies up to the weight of 10 Kg.
3. Should be compatible with both reusable and disposable circuits.
4. It should be powered by gas flow without need of electrical or battery.
5. It should be light weight, portable and handy.
6. Should have input gas flow range of 5-15 L/min.
7. In-built Pressure Gauge manometer to set & indicate delivery of PIP & PEEP.
8. Overall manometer range -20 to 80 cmH₂O. Manometer accuracy of $\pm 2\%$ of full scale deflection.
9. Should be able to provide Peak Inspiratory Pressure (PIP): 2-75 cm H₂O and Positive End Expiratory Pressure: 1-8 cm H₂O.
10. Should have safety provision to adjust pop-off pressure by setting some maximum limiting pressure to prevent neonate from barotrauma.
11. Delivers FiO₂ up to 100% depending on the gas supply.
12. Should be able to provide free flow oxygen.
13. Unit should be compatible both with the neonatal mask & endotracheal tube.
14. The patient T –Piece should have port for surfactant delivery.
15. The product should be European CE as well as US FDA Approved.
16. Complete Product warranty for 2 years. CMC and AMC for next 5 years.
17. Availability of spares from installing date must be there for a period of at least 10 years.
18. Local Service facility in Faridabad/ Delhi/NCR region with response time of within 24 hours.
19. Supplied with proper demonstration, user manual, service manual and set-up guidelines in English.
20. The equipment should be supplied with patient tubing with attached T-piece quantity 10; masks quantity 5; sizer quantity 1; oxygen tubing quantity 1; test lung quantity 1.
21. The price for all these consumable items for further purchases should be quoted separately which would be freezed for next two years.

Air Oxygen Blender

Technical Specifications:

1. Low flow air-oxygen blender with single flow meter.
2. Adjustable oxygen percentage from 21-100%.
3. Should be able to maintain FiO₂% even at low flows.
4. FiO₂ Accuracy: +/-3%.
5. Bypass Alarm Activation should be there at both high and low central line air/oxygen pressures.
6. Primary Outlet Flow Range: 3-30 L/m; Auxiliary Outlet Flow Range: 0-30 L/min
7. Flow meter 0.5-15 L/min.
8. Should have a condensation trap.
9. Should provide both wall mounting clamp and pole mounting clamp with each unit; and supplied with air and oxygen hose. Fixing of the air oxygen blender with the central line connector shall be vendor's responsibility.
10. The product should be European CE as well as US FDA Approved.
11. Complete Product warranty for 2 years. CMC and AMC for next 5 years.
12. Availability of spares from installing date must be there for a period of at least 10 years.
13. Local Service facility in Faridabad/ Delhi/NCR region with response time of within 24 hours.
14. Supplied with proper demonstration, user manual, service manual and set-up guidelines in English.

Double surface Phototherapy Unit (LED)

Technical Specifications:

General Specifications:

1. Unit should be made of highly temperature resistance material.
2. All parts of the equipment should be made of easily cleanable and scratch and rust resistant.
3. The product should be European CE/ US FDA Approved. Should meet all General Requirements of Safety for Electromagnetic Compatibility and Electrical safety.
4. Complete Product warranty for 2 years. CMC and AMC for next 5 years.
5. Availability of spares from installing date must be there for a period of at least 10 years.
6. Local Service facility in Faridabad/ Delhi/NCR region with response time of within 24 hours.
7. Installation and standardization of system to be given free of cost. Supplied with proper demonstration, user manual, service manual and set-up guidelines in English.

Technical specification for top unit:

1. Wavelength range: between 420 – 490 nm, and should be free from Ultraviolet and Infra-red radiation.
2. Spectral Irradiance should be more than $40 \mu\text{W}\cdot\text{cm}^{-2}\cdot\text{nm}^{-1}$ at 45 cm distance between bed and light unit.
3. Effective surface area should be at least 25×50 cm within an irradiance ratio of 0.4 (min/max irradiance).
4. Light intensity should remain same even in the tilted position of the light unit, when used with the radiant warmer.
5. Should have provision for intensity control without changing the distance between the bed and light unit.
6. Life time of the LED's should be more than 1,00,000 hours.
7. Should have white light also for the observation purpose.
8. Should have Digital Timer for monitoring therapy hours (resettable) & total lamp usage hours (non-resettable)
9. Should be able to tilt and position the unit as to use it with the warmer.
10. Should have Smooth Height adjustment mechanism with adjustable height.
11. Should have Smooth light unit tilting mechanism.
12. Should occupy only very little bedside space for convenience while observation and procedures.
13. The base of the unit should be such that it can go beneath any Incubator/bed/trolley, with minimum of 100 mm ($\pm 10\%$) floor clearance.
14. Minimum height should be approximately 110 cm ($\pm 10\%$) from the floor to use near the mother bed.
15. Maximum height should be approximately 160 cm ($\pm 10\%$) from the floor to use with the incubator.
16. Mobility: Three castors; at least the two rear castors provided with the brakes
17. Audio-visual Alarms:

- If internal temperature exceeds above 55° C
- If LED current increases or decreases

18. All the messages should be displayed on the control panel display.

19. Option to check Irradiance measurement (preferably inbuilt). Its price must be quoted separately.

Technical specification for bottom unit:

1. Spectral Irradiance should be more than $30\mu\text{W cm}^{-2}\cdot\text{nm}^{-1}$ at infant bed.
2. Should have Digital Timer for monitoring total lamp usage hours (non-resettable)
3. Life time of the LED's should be more than 1,00,000 hours.
4. Bassinet dimensions should be maximum of 80× 60 cm; tilting should be up to 12°; should be made of Transparent acrylic.
5. The unit should be mobile with 4 swivel castors (at least 2 with the brakes).



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

Date: 26/10/2017

RE-E- Tender Notice No: M- 15/2017

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

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**