

**TERMS, CONDITIONS & SPECIFICATION FOR SUPPLY OF
MEDICAL INSTRUMENTS, EQUIPMENTS**

Name of the District / Health Institution: Bargarh
(HEALTH & F.W. DEPTT., GOVT. OF ODISHA)
Tel: 06646-231763

Bid Reference No. -C.D.M & P.H.O (36/NHM/BGH/2021-22)

TENDER DOCUMENT

Bid document may be downloaded from Web site-www.bargarh.nic.in

LAST DATE & TIME OF RECEIPT OF BID DOCUMENTS : Dt.27.01.2022 up to 4 P.M

DATE & TIME OF OPENING OF COVER-A (Technical Bid) : Dt.28.01.2022 up to 11 A.M

DATE OF OPENING OF COVER-B (Price Bid) : Dt.28.01.2022 up to 1 P.M.

PLACE OF OPENING AND RECEIPT OF BID
DOCUMENTS OF BID DOCUMENTS AND ADDRESS
FOR COMMUNICATION:

OFFICE OF THE CDM & PHO, BARGARH
OLD DISTRICT HEAD QUARTER
HOSPITAL, BARGARH

OFFICE OF THE CDM & PHO: BARGARH

Email ID: dpmubargarh2@gmail.com

SALE OF TENDER / BID DOCUMENT

A complete set of bidding documents may be downloaded from web site www.bargarh.nic.in by the prospective bidders on payment of a non-refundable fee as indicated below in the form of a Demand Draft **in favour of ZSS NON-NRHM, BARGARH payable at Bargarh** from any Nationalized Bank only.

The Tender cost of **Rs.2,360/-** (Non-refundable) by way of separate Demand Draft drawn in favour of **ZSS NON-NRHM, BARGARH**, should be enclosed along-with the Technical Bid. The Bidders should specifically superscribe, "**TENDER FOR EQUIPMENTS & INSTRUMENT FOR COVID HOSPITAL, DHH BARGARH**" on the top of the outer envelope containing Technical Bid and Price Bid separately. The Tender cost fee and the EMD amount should be submitted separately in separate demand drafts. In case of any bid amendment and clarification, responsibility lies with the bidders to collect the same from the website or the office notice board before last date of submission of tender document and the C.D.M. & P.H.O shall have no responsibility for any delay / omission on part of the bidder.

The tender paper will be rejected if the bidder changes any clause or Annexure of the bid document downloaded from the website.

TERMS AND CONDITIONS FOR SUPPLY OF MEDICAL INSTRUMENTS, EQUIPMENTS & CONSUMABLES

- 1.1 Sealed tenders will be received by **Dated 27.01.2022 up to 4 P.M** by the C.D.M & P.H.O Bargarh in the office of the C.D.M & P.H.O., Bargarh for the purchase of Tender for the supply of Medical equipments, Instrument and Consumables for Covid Hospital. Any tender received after the due date & time will be rejected / returned to the sender unopened. **The Bid documents will be received through Regd. Post / Courier services / Speed Post or by hand.**
- 1.2 The bidder(s) are to submit their tenders in separate sealed covered envelopes for technical bid and price bid by super-scribing Cover "A" (Technical Bid) & Cover "B" (Price Bid) and both the covers should be put into a third Cover, which should be super scribed as **"Tender for the supply of equipment's and Instrument for Covid Hospital, DHH, Bargarh"** Bid Reference No. **36/NHM/BGH/2021-22 (C.D.M & P.H.O, Bargarh).**
- 1.3 The Sealed tenders "Cover A" (Technical Bid) submitted by the tenderers will be opened by the C.D.M & P.H.O Bargarh in the Conference Hall of the C.D.M & P.H.O Bargarh at **11 A.M on dt.28.01.2022.** The bidder or their duly authorized representatives are allowed to be present during the opening of the tenders if they so like.

ELIGIBILITY CRITERIA

- 2.1 Manufacturing units / Importers/authorized dealer or distributor are eligible to participate in the tender provided, they have
 - (i) Valid manufacturing license / Import License/ authorized dealer or distributor certificate.
 - (ii) Valid ISO certificate for the items.
 - (iii) Product must be CE / US FDA /BIS Certified (Applicable as per **Annexure-III B**).
 - (iv) Proof of compliance with IEC Certificate for Medical Electrical Equipments (Applicable as per **Annexure-III B**).
 - (v) Certificate duly filled by the Auditor / Chartered Accountant (as per **Annexure -IV**) that the average annual turnover of the tendering firm is Rs. 1 (One) Crore or more for last preceding 3 (three) financial years.
 - (vi) Manufacturing unit who has been blacklisted either by the Tender inviting authority or by any state Govt. or Central Govt. organization is not eligible to participate in the tender for that item during the period of blacklisting.

The following documents should be enclosed in Cover "A" (Technical Bid) by the tenderer. All the photocopies are to be attested by a Notary Public / Gazetted Officer.

TECHNICAL BID:

- 3.1 Earnest Money Deposit of **Rs. 50,000.00 (Rupees Fifty Thousand)** only (refundable in-case of non- selected tenderer) and refundable to the selected tenderer after one year in shape of Demand Draft/e-transfer.
- 3.2 Copy of Valid Manufacturing License of the tender item of the manufacturer / Import License by the Importer (also to be submitted by the authorized distributor).
- 3.3 Copy of Valid ISO certificate.
- 3.4 Copy of Valid CE /US FDA certificate (as per **Annexure-III B**).
- 3.5 Copy of Certificate in support of IEC certificate (As per **Annexure-III B**).
- 3.6 Copy of GST registration certificate.
- 3.7 **(A)** The Original Tender Book with Conditions and the schedules signed by the bidder at the bottom of each page with his official seal duly affixed.
(B) Color Leaflets, photographs & literatures relating to the product / item quoted and matching the specification of the tender in a tabular form.
- 3.8 The declaration form in **Annexure - I** duly signed by the tenderer before Notary Public / Executive Magistrate.
- 3.9 Details of name, address, telephone no., Fax, e-mail of the manufacturer / authorized distributor / service centre / contract person / office in Odisha (**Annexure - VI**).
- 3.10 Certificate duly filled by the Auditor / Chartered Accountant (as per **Annexure-IV**) that the average annual turnover of the tendering firm is Rs.1 (One) crore or more for last preceding 3 (three) financial years.

- 3.11 Certificate in support of service center in Odisha or undertaking to set up service center in Odisha within one month from the date of installation if approved (for those who have no service centers in Odisha).
- 3.12 Checklist with detail of the documents enclosed in **Cover "A"** (as per **Annexure - VII**) with page number. The document should be serially arranged as per this **Annexure - VII** and should be securely tied and bound.

COVER - B (PRICE BID)

4. The tender format giving the quoted rate for medical equipment's should be sent in a separate sealed covers hereafter called **Cover "B" (Price Bid)**.
Cover -B (Price Bid) will be opened only of the bidders who have qualified in Technical Bid (Cover - A) and product is as per tender specification.
- 4.1 The tender format (Price Schedule) in duplicate in the prescribed form (as per **Annexure-II**), both hard copy and soft copy must be submitted in Cover-B. The price of the item should be quoted inclusive of excise duty, entry tax charges, insurance, packing, forwarding, freight (door delivery), installation, warranty for 2 years but exclusive of GST and CMC 3 years, if any and the turnkey job in a separate column. The rate should be quoted for each item both in figures and words. **In case of difference in words and figures, words will be taken into consideration for evaluation.**
- N.B:** Valid means the certificate should be valid on or beyond the date of opening of tender (Cover-A).
- 4.2 The Cover "B" of successful bidders will be opened in the office chamber of the C.D.M & P.H.O Bargarh by the C.D.M & P.H.O Bargarh at 1 P.M on dt. 28.01.2022 in the presence of the tenderers or their authorized representatives.

REJECTION OF TENDER

- ◆ Earnest Money Deposit of **Rs. 50,000.00 (Rupees Fifty Thousand)** only (refundable in-case of unsuccessful tenderer) and refundable to the selected tenderer after one year in shape of Demand Draft/ e-transfer.
 - ◆ Copy of Valid Manufacturing License of the tender item of the manufacturer / Import License by the Importer (also to be submitted by the authorized distributor).
 - ◆ Copy of Valid ISO certificate.
 - ◆ Copy of Valid CE /US FDA certificate (as per **Annexure-III B**).
 - ◆ Copy of Certificate in support of IEC certificate (As per **Annexure-III B**).
 - ◆ Copy of GST registration certificate
 - ◆ **(A)** The Original Tender Book with Conditions and the schedules signed by the tenderer at the bottom of each page with his official seal duly affixed.
- (B)** Leaflets, photographs & literatures relating to the product / item quoted and matching the specification of the tender in a tabular form.
- ◆ The declaration form in **Annexure - I** duly signed by the tenderer before Notary Public / Executive Magistrate.
 - ◆ Details name, address, telephone no., Fax, e-mail of the manufacturer / authorized distributor / service centre / contract person / office in Odisha (**Annexure - VI**).
 - ◆ Certificate duly filled by the Auditor / Chartered Accountant (as per **Annexure-IV**) that the average annual turnover of the tendering firm is Rs.1 (One) crore or more for last 3 (three) preceding financial years.
 - ◆ Certificate in support of service center in Odisha or undertaking to set up service center in Odisha within one month from the date of installation if approved (for those who have no service centers in Odisha).
 - ◆ Checklist with detail of the documents enclosed in **Cover "A"** (as per **Annexure - VII**) with page number. The document should be serially arranged as per this **Annexure - VII** and should be Securely tied and bound.

EARNEST MONEY DEPOSIT

- 6.1 The Earnest Money Deposit of **Rs. 50,000.00 (Rupees Fifty Thousand)** only will be submitted in the shape of demand Draft only in favour of **ZSS Non-NRHM,BARGARH**, from any Nationalized Bank payable at Bargarh.

- 6.2 The EMD of the unsuccessful bidders will be returned back without interest after publication of the approved list and EMD of successful tenderer will be returned after submission of performance security.
- 6.3 The EMD will be forfeited if the tenderer withdraws the tender or doesn't accept the approved list or doesn't supply the items within the stipulated time period.

SECURITY DEPOSIT: (Performance Security for Equipment & Instruments)

- 7.1.1 The Security Money should be submitted, in shape of Bank Draft from a Nationalized Bank in favour of **ZSS NON-NRHM, BARGARH** equal to the amount of 10% of the purchase order value of the item within 10 days of issue of the purchase order.
- 7.1.2 The agreement (**as per Annexure-V**) will be signed between the supplier and the consignee / purchaser and will be kept by the consignee. A copy of the agreement will be kept by the purchasing authority. The agreement must be submitted before the payment is released.
- 7.2 The Security Money will be returned back to the tenderer without interest after the expiry of the warranty period i.e. two years after the date of installation.
- 7.3 Security money will be forfeited if there is any violation of the tender terms and conditions.

TENDER CONDITIONS:

- 8.1 The details of the medical equipments with specifications are shown in **Annexure-III-B. The firm must clearly mention their specification, special features, upgraded version (if any) in their tender.**
- 8.2 Tenders should be typewritten or computerized and every correction in the tender should invariably be attested with signature by the tenderer with date before submission, failing which the tender will be ineligible for further consideration.
- 8.3 Rates exclusive of GST should **be quoted for the medical equipments separately on door delivery basis and turnkey job should be mentioned in a separate column.**
- 8.4 The purchaser shall be responsible only after delivery and due verification, installation and commissioning of the equipment.
- 8.5 The rate per unit packing shall not vary with the quantum of order placed for destination point.
- 8.6 If there is difference between figures & words, words will be taken into consideration.
- 8.7 In the event of the date being declared as a holiday by Govt. of Odisha, the due date of sale, submission of bids and opening of bids will be the following working day at the appointed place & time.
- 8.8 The price quoted by the tenderers shall not in any case, exceed the controlled price, if any, fixed by the Central / State Government / DGS&D and the Maximum Retail Price (MRP). The purchaser, at his discretion, will in such case, exercise the right of revise the price at any stage so as to conform to the controlled price or MRP as the case may be.
- 8.9 To ensure sustained supply without any interruption the tender inviting authority reserves the right to split orders for supplying the requirements among more than one tenderer if the lowest eligible bidder fails to supply in scheduled time and L₂ & L₃ firms agree to match the L₁ rate.
- 8.10 The rate quoted and accepted will be binding on the tenderer for a period of **one year** from the date of publication of the approved rate and on no account there will any increase in the price will be entertained till the completion of this tender period.
- 8.11 No tenderer shall be allowed at any time on any ground whatsoever to claim revise-of or modification in the rate quoted by him. Clerical error / typographical error, etc., committed by the tenderers in the tender forms shall not be considered after opening of tenders. Conditions such as "**SUBJECT TO AVAILABILITY**" / "**SUPPLIES WILL BE MADE AS AND WHEN SUPPLIES ARE RECEIVED**" etc., will not be considered under any circumstance and the tenders of those who have given such conditions shall be treated as incomplete and for that reason, shall be rejected.
- 8.12 If at any time during the period of contract, the price of tendered item is reduced or brought down by any law or act of the Central or State Government or the tenderer, the tenderer shall be morally and statutorily bound to inform the C.D.M & P.H.O Bargarh, Odisha immediately about such reduction in the contracted price. The C.D.M & P.H.O Bargarh, Odisha is empowered to unilaterally effect such reduction in rate in case the tenderer fails to notify or fails to agree for such reduction of rate.
- 8.13 Approved rate with terms, conditions & the quoted price of the tender shall remain valid for a period of 12 months from the date of issue of the approved list or till the publication of the next approved list whichever is earlier.
- 8.14 **If the relevant documents / certificates which are required to be furnished along with the tender are written in language other than English, the tendering firm shall furnish English**

version of such documents / certificates duly attested by a Gazetted Officer / Notary with his seal and signature.

- 8.15 If any information or documents furnished by the tenderer with the tender papers are found to be misleading or incorrect at any stage the tender of the relevant items in the approved list shall be cancelled and steps will be taken to blacklist the said firm for five (5) years.
- 8.16 Rate should be quoted in Indian Currency, both in words and figures against each item as the payments will be made in Indian currencies only (Annexure-II). The tenderer shall not quote his own rate for any item other than the item specified in the list. **(Annexure-III-A)**.
- 8.17 **Both Cover-A and Cover-B should have an index and page number of all the documents submitted inside that cover.**
- 8.18 The Tax will be charged as per the guidelines given by the Finance Deptt. from time to time.
- 8.19 The requirement of items may increase or decrease depending on the situation.
- 8.20 If any Clerical error / typographical error found in the tender documents the decision of C.D.M. & P.H.O will be final. The specification for any items which is given by the C.D.M. & P.H.O will be final and any other specification will not be considered under any circumstance

PACKAGING:

- 9.1 All the packaging should be primary (New). The supplier shall provide such packaging of the goods as is required to prevent their damage or deterioration during transit to their final destination. The packaging shall be sufficient to withstand without limitation rough handling during transit and exposure to extreme temperature, salt and precipitation during transit and upon storage.

TURNKEY:

- 10.1 The external power supply will be provided by the Deptt. But the internal wiring and electrical fittings inside the room for installation & commissioning of the equipment and accessories will be provided by the supplier without any extra cost.

GUARANTEE / COMPREHENSIVE WARRANTEE:

(Undertaking as per Annexure - IX & X)

- 11.1 The warranty will remain valid for 2 years from the date of installation & commissioning of the equipment. The tenderer shall also commit to provide offer for CMC (Labour+ all spare) for the next three (3) years after two (2) years of warranty. No extra cost will be paid other than the CMC cost for functioning of the item during this period. The supplier will provide two (2) preventive maintenance in every six months during the period of CMC. The original copy of warranty documents will be submitted to the consignee and photocopy of that to C.D.M & P.H.O Bargarh after installation.
- 11.2 The warranty will cover all the parts of the machine or item and any replacement or repair required within the warranty period will be provided by the supplier free of cost at the destination point (installation point). The supplier will take back the replaced parts / goods at the time of their replacement. No claim whatsoever shall be on the purchaser for the replaced parts / goods thereafter. No traveling allowances or transportation cost will be paid by the purchaser during the warranty period.
- 11.3 The Supplier warrants that the Goods supplied under this contract are new, unused, of the most recent or current models and they incorporate all recent improvements in design and materials. The Supplier further warrants that all Goods supplied under this contract shall have no defect arising from design, materials or workmanship or from any act or omission of the Supplier, that may develop under normal use of the supplied Goods in the conditions prevailing in the place of final destination.
- 11.4 **CMC:**
The tenderer shall also commit to provide offer for CMC (Labour+ all spare) for the next three (3) years after two (2) years of warranty. No extra cost will be paid other than the CMC cost for functioning of the item during this period. The supplier will provide two (2) preventive maintenance in every six months during the period of CMC. The tenderer has to quote for equipment with warranty for 2 years, turnkey job and CMC for 3 years separately. CMC will be quoted year-wise i.e. for 1st year, 2nd year and 3rd year separately
- 11.5 The selected firm should have a service centre in Odisha.
- 11.6 The selected firm will have to arrange for demonstration of the equipment at supply point at their own cost.
- 11.7 All the warranty certificates of turnkey job must be handed over to the consignee after installation.

TRAINING:

- 12.1 The firm / supplier will provide hands on training to two doctors and two technicians in his own cost for operating / handling the medical equipments within 15 days of installation of equipment.
- 12.2 The supplier / firm will provide all the operational & maintenance manuals and tools (if required) of all items, equipments & turnkey to the consignee at the time of installation.

UPTIME GUARANTEE:

13.1 UP-TIME BALANCE :

The Supplier (s) shall provide guarantee 95% uptime during comprehensive warranty period i.e. for 2 years from the date of installation & commissioning.

Any uptime less than the specified period above will be compensated by the Supplier(s) by extending the warranty period. The consignee shall maintain a logbook in the format provided by the Supplier(s) which will indicate usage of the equipment every day and for calculation of up-time.

DOWNTIME PENALTY CLAUSE:

- 14.1 During the Guarantee / warranty period, desired uptime of 95% of 365 days will be ensured (24 hour) if downtime exceeds 5%, penalty in the form of extended warranty, double the number of days for which the equipment goes out of service will be applied. The vendor must undertake to supply all spares for optimal upkeep of the equipment for **TWO YEARS** after installing the unit in the institute. If accessories / other attachment of the system are procured from the third party, then the vendor must produce cost of the accessory / other attachment and the CMC from the third party separately along with the main offer and the third party will have to sign the CMC with the institute if required.

In no case equipment should remain in non-working condition for more than 7 (seven) days from the date of complaint, beyond which a penalty will be applicable as per Rule.

- 14.2 The principals or their agents are required to submit a certificate that they have satisfactory service arrangements and fully trained staff available to support the uptime guarantee.

SPARE PARTS:

- 15.1 The spare price list of all spares and accessories (including minor) required for maintenance and repairs in future after guarantee / warranty period should be attached / enclosed along with the sealed quotation.
- 15.2 The tenderers are required to furnish the list of spares along with their cost in the financial Bid separately which will not be taken for evaluation.
- 15.3 Local agents / distributors quoting on behalf of the manufacturer / importer must attach the authority letter in their favour.

LOGOGRAMS AND LABELLING :

- 16.1 Tenderer for the supply of medical equipments shall give an undertaking in his tender that he will print **"Govt. of Odisha Supply - Not For Sale"** in bold letters in indelible ink on the equipment as per **Annexure-I.**

ACCEPTANCE OF TENDER AND SUPPLY CONDITIONS:

- 17.1 The C.D.M & P.H.O Bargarh, Odisha reserves the right to reject the tenders or to accept the tenders for the supply of the item tendered without assigning any reason thereof.
- 17.2 The C.D.M & P.H.O Bargarh, Odisha will be at liberty to terminate the contract either wholly or in part without assigning any reasons thereof. The tenderers will not be entitled to any compensation whatsoever for such termination.
- 17.3 The supply should be started within **10 days and should be completed within 20 days** from the date of issue of purchase order unless otherwise specified. If no supply is received even after 60 days or 88 days with liquidated damage from the date of issue of the purchase orders from the C.D.M & P.H.O Bargarh, such orders will stand cancelled automatically without further notice. Penalties shall also thereafter be applied to the tenderer as specified in clause no. 21.1 to 21.4. The approved firm shall also suffer forfeiture of the EMD and Security Deposit.
- 17.4 If the approved supplier fails to execute the supply within the stipulated time, the C.D.M & P.H.O Bargarh, is empowered to purchase the same items from L₂ or L₃ tenderer if they match the L₁ rate.
- 17.5 The C.D.M & P.H.O. Bargarh, Odisha or his authorized representative (s) has the right to inspect the factory of those company who have quoted for the tender, before accepting the rate quoted by them or before releasing any purchase order (s) or at any point of time during the validity period of tender and has also the right to reject the tender or terminate / cancel the orders issued or not to reorder based on the facts brought out during such inspections.

EVALUATION:

- 18.1 The rates of the item quoted by the tenderer who qualify technically will be evaluated after taking the following points into consideration: -
- a) Rate of the medical equipments will be taken after inclusion of the excise duty / customs duty, ET, transportation, insurance, packing, forwarding & comprehensive warranty for two (2) years. Excluding CMC for next three(3) years.(CMC will be finalized by the authority).
 - b) The cost of the medical equipments including all charges i.e. Excise, Transportation, Insurance, Packaging & forwarding, Installation & Commissioning, (excluding CMC) will be added and the lowest responsive bidder will be selected.

LIQUIDATED DAMAGE :

- 19.1 The C.D.M & P.H.O may allow extension for a maximum period of 4 (four) weeks (28 days), after the stipulated date of supply (i.e. 20 days) with a penalty of 0.5% which will be deducted from the purchase order value as "Liquidated Damage", for each week (7 days) upto a maximum 2% on the value of the goods.
- 19.2 If the supplier fails to complete the supply within the extended period, i.e. 48 days after being allowed by the C.D.M & P.H.O no further purchase order will be placed to the firm for the said item and the concerned firm will be blacklisted for two (2) years from the date of issue of letter for the said item.

TERMS OF PAYMENT:

- 20.1 No advance payments towards cost of medical equipments or turnkey job will be made to the tenderer.
- 20.2 90% of the cost of the equipment + 100% turnkey job + 100% tax shall be paid to the supplier on receipt of the stock entry certificate, installation and demonstration of the item from the consignee. The balance 10% of the payment of equipment will only be made after receipt of certificate on working status of the equipment from the consignee after 6 weeks of installation and commissioning of the equipment for which the supplier has to raise two bills (A) one for 90% of the cost of the equipment + 100% turnkey job + 100% taxes (B) the other for balance 10% of the cost of the equipment.
- 20.3 Payments will only be made after keeping the security deposit from the supplier, if they have not deposited the same before. Payment will only be made after handing over the Agreement, undertaking, warranty papers of equipment and turnkey jobs to the consignee and a letter to this effect should be submitted to the payment authority from the consignee.
- 20.4 No claims shall be made against the C.D.M & P.H.O, Bargarh, Odisha in respect of interest on earnest money deposit or security deposit or any delayed payment or any other deposit.
- 20.5 Payments in shape of Draft / Pay Order will preferably be dispatched to the supplier by Registered post with A.D or e-payment / on-line transfer or may be handed over to the authorized person of the supplier.

PENALTIES:

- 21.1 If the successful tenderer fails to deposit the required security within the time specified or withdraws his tender after acceptance of his tender owing to any other reasons, he is unable to undertake the contract, his contract will be cancelled and the earnest money deposit & security deposit submitted by him along with his tender shall stand forfeited by the C.D.M & P.H.O Bargarh, Odisha by reasons of such breach, such as failure to supply / delayed supply.
- 21.2 Violating the tender terms and conditions & non supply / supply of Not of Standard Quality equipment will disqualify the firm to participate in the tender for a period of 2 (two) years from the date of issue of letter and his E.M.D & security deposit will be forfeited and no further purchase order will be placed to that firm for that item.
- 21.3 In the event of any dispute arising out of the tender, such disputes would be subject to the jurisdiction of the Civil Court Dist. Bargarh or High Court of Odisha.

**Chief District Medical & Public Health Officer,
Bargarh**

Ascom
19.1.2022
G.D.M.&P.H.O
Bargarh

DECLARATION FORM

I / Wehaving My / our
.....office at.....do
declare that I / We have carefully read all the terms & conditions of tender of the
_____, Odisha for the supply of medical equipments. The approved rate will
remain valid for a period of one year from the date of approval. I will abide with all the
terms & conditions set forth in the tender paper Reference no.

I/We do hereby declare I/We have not been de-recognised / black listed by any
State Govt. / Union Territory / Govt. of India / Govt. Authorized Institution / Govt. Health
Institutions for supply of Not of Standard Quality (NSQ) items / part-supply / non-supply.

I/We agree that the Tender Inviting Authority can forfeit the Earnest Money
Deposit and or Security Deposit and blacklist me/us for a period of 5 years if, any
information furnished by us proved to be false at the time of inspection / verification and
not complying with the Tender terms & conditions.

I / We further declare that I / We possess valid manufacturing license / authorized
distributor bearing No.Valid upto I / We
..... do hereby declare that I / we will
supply the _____ as per the terms, conditions & specifications of the tender
document. I / we further declare that I / we have a service centre / will establish a
service centre within one month of installation of the equipment in Odisha.

Signature of the bidder :

Date :

Name & Address of the Firm:

Affidavit before Executive Magistrate / Notary Public.

ANNEXURE-II

(Refer Clause No. 4.1 & 8.16)

MODEL TENDER FORMAT (PRICE SCHEDULE)

Sl. No. of the Item	Specification (Annex-III-B)	Price which includes customs duty, packing, insurance forwarding / transportation with 2 (two) years onsite warranty and excluding GST	CMC for three years after expiry of two years warranty period (please mention on yearly basis)	Cost of Turnkey (all accessories for installation & commissioning) Excluding GST in Rs. (Door delivery & installation) & ET	Total Cost
		Cost in Rs. (both in words & figures)			
(1)	(2)	(3)	(4)	(5)	6=3+4+5
			1 st year: 2 nd year: 3 rd year: Total		

**Signature of the Bidder :
Name**

Address

Date :

Place :

- Note:**
1. Rates should be quoted both in figures & words and if there is any discrepancy, the quoted rates in words will be taken for evaluation.
 2. The bidder has to mention the make / brand, specification, warranty of all the items in turn key.

2

ANNEXURE – III-A
(Refer Clause No. 8.16)

SCHEDULE OF REQUIREMENTS WITH TECHNICAL SPECIFICATIONS

Sl.No	Name of the Item	Size / Specification as per Annexure – III B	Approximate quantity required per Year (As per the requirement)	Remarks
1	2	3	4	5
1	Ventilators (Adult & Paediatric)			
2	ABG Machine			
3	X-RAY MACHINE 100 Mah			
4	Monitor With 7 Para			
5	Nasal High Flow Oxygen System (Optiflow)			
6	BIPAP Machine			
7	Syringe Pump			
8	ICU Bed			
9	Ambu Bag (Adult, Paediatric & Neo-Natal)			
10	Oxygen Cylinder Trolley			
11	Defibrillator			
12	Volumetric Infusion Pump			
13	Alternative Air Mattress Cell Type			
14	ECG Machine 12 Channel 12ck			
15	Video Laryngoscope			
16	Nebuliser Machine			
17	Pulse Oximeter Table Top			
18	LED Phototherapy			
19	CPAP Machine			
20	Oxygen Hood			
21	Suction Machine Portable			
22	Fumigator Machine			
23	Haemodialysis Machine			
24	BEL(CV200) Medical Flow Sensor FS2 Compatible with Hamilton/ IMT (Bellavista1000)			
25	Mortuary Refrigerator (6 Body Capacity)			

N.B: 1. The quantity of requirement may increase or decrease as per the requirement.

TECHNICAL SPECIFICATIONS

Technical specifications for Equipment/ Instruments

Quality Standard:

- Should be CE/BIFMA/BIS approved model.
- Manufacturer should have ISO 9001 certification for quality management standards.
- Manufacturer should have ISO 14001 certification for environmental management systems.
- Manufacturer should have OHSAS 18001 certification for occupational health & safety management.
- Should furnish stainless steel grade certificate from Govt/Govt. approved testing laboratory.
- Manufacture should produce test certificate from Govt/Govt. approved laboratory for test procedure like impact test, bend test, salt spray chamber test, epoxy powder coating & phosphate coating for quoted item

1- Neo natal Ventilator/Adult Ventilator

S No	Specification	Remarks	
1	A neonatal ventilator must have all these following components below:		
	a) Ventilator		
	b) Display monitor and user interface(OEM)		
	c) Reusable circuits for high frequency ventilation and compatible with iNO system		
	d) Servo humidifier		
	e) Nebulizer (standalone)		
	f) Reusable proximal flowsensor		
	g) Stand for circuits		
	h) Battery backup (for ventilator, monitor)		
	i) Operator manual/ Service manual/ User manual in English		
2	Type of ventilator		
	Advanced microprocessor based continuous flow, time cycled, pressure limited ventilator capable of ventilating newborn infants and having HFOV facility capable to ventilate a newborn infant weighing up to 10 Kgs and to deliver heated humidified high flow gas through nasal canulae.		
3	Modes		
	Nasal CPAP, Non-invasive modes, IMV (IPPV), SIMV, Assist/ control (A/C), Pressure supported ventilation (with back up ventilation), Volume ventilation modes, High frequency oscillatory ventilation.		
4	Range of set parameters		
	Parameters	Desirable	Essential
	Non-invasive modes		
	a)NCPAP pressure/ PEEP	0 – 20	3 – 10
	b) Apnea alarm while on NCPAP/ NIV		Must
	c) PIP (NIV) – cm of H ₂ O	0 – 60	12 – 50
	d) IT (NIV) – cm of H ₂ O	0.10 – 5.0	0.10 – 3.0
	e) FIO ₂ (%)		21 – 100
	Invasive modes		
	a) Peak inspiratory pressure (cm of H ₂ O)	1 – 60	12 – 50
	b) Positive end expiratory pressure (cm of H ₂ O)	0 – 20	3 – 10
	c) Fraction of inspired oxygen (%)	21 – 100	21 – 100
	d) Inspiratory time (sec)	0.10 – 5.0	0.10 – 2.0
	e) Rate (per min)	1 – 150	20 – 120
	f) TV (ml)	2 – 200	2 - 100

Parameters		Desirable	Essential	
HFOV mode ± CMV				
a)	Rate (Hz – cycles/ sec)	3 – 20	3 – 10	
b)	MAP (cm of H ₂ O)	1 – 30	5 – 25	
c)	I:E	1:1	1:1	
d)	Fraction of inspired oxygen (%)	21 – 100	21 – 100	
e)	ΔP (cm of H ₂ O)	4 – 150	10 – 100	
f)	CMV rate (per min)	1 – 60	1 – 10	
g)	Amplitude (%)		0 – 100	

5	Display unit/ User Interface	
	<ul style="list-style-type: none"> • LED/LCD – TFT monitor with 10” or higher digital display 	
	<ul style="list-style-type: none"> • Simple and user friendly 	
	<ul style="list-style-type: none"> • Display of following set parameters: 	
	<ul style="list-style-type: none"> • Airway pressures (PIP, PEEP) 	
	<ul style="list-style-type: none"> • FIO₂ 	
	<ul style="list-style-type: none"> • Rate 	
	<ul style="list-style-type: none"> • Ti, Te, I:E ratio 	
	<ul style="list-style-type: none"> • Tidal volume 	
	<ul style="list-style-type: none"> • Minute volume 	
	<ul style="list-style-type: none"> • Status indicator for ventilator mode 	
	<ul style="list-style-type: none"> • Display of following measured parameters 	
	<ul style="list-style-type: none"> • Airway pressures (PIP, PEEP, MAP) 	
	<ul style="list-style-type: none"> • FIO₂ 	
	<ul style="list-style-type: none"> • Rate 	
	<ul style="list-style-type: none"> • Ti, Te, I:E ratio 	
	<ul style="list-style-type: none"> • Leak percentage 	
	<ul style="list-style-type: none"> • Tidal volume 	
	<ul style="list-style-type: none"> • Minute volume 	
	<ul style="list-style-type: none"> • Compliance 	
	<ul style="list-style-type: none"> • Resistance 	
	<ul style="list-style-type: none"> • Alarm message 	
	<ul style="list-style-type: none"> • Calibration 	
	<ul style="list-style-type: none"> • Battery life 	
	<ul style="list-style-type: none"> • Graphics – Scalar (pressure, volume, flow)/ Loop (pressure-volume, flow-volume) 	
	<ul style="list-style-type: none"> • 3 waves – Pressure, volume and flow with time 	
	<ul style="list-style-type: none"> • 2 loops – P-V, F-V with facility of saving of 1loop for reference 	
6	Alarms (Audio/ visual)	
	<ul style="list-style-type: none"> • Power/ Mains failure 	
	<ul style="list-style-type: none"> • Monitor Failure 	

	<ul style="list-style-type: none"> • O2 not connected/ pressure low 	
	<ul style="list-style-type: none"> • Air not connected 	
	<ul style="list-style-type: none"> • MV low/ high 	
	<ul style="list-style-type: none"> • Leak alarm 	
	<ul style="list-style-type: none"> • Battery low 	
	<ul style="list-style-type: none"> • Flow sensor not connected 	
	<ul style="list-style-type: none"> • Flow sensor not calibrated 	
	<ul style="list-style-type: none"> • Oxygen too high 	
	<ul style="list-style-type: none"> • Oxygen too low 	
	<ul style="list-style-type: none"> • Low & High pressure 	
	<ul style="list-style-type: none"> • High/ low respiratory rate 	
	<ul style="list-style-type: none"> • Apnea alarm 	
	<ul style="list-style-type: none"> • Compressor failure 	
	<ul style="list-style-type: none"> • Tube obstructed 	
7	Servo Humidifier	
	<ul style="list-style-type: none"> • Capable of working with both invasive and non-invasive modes 	
	<ul style="list-style-type: none"> • Should be capable of always supplying fully saturated gas at 37°C 	
	<ul style="list-style-type: none"> • Flow resistance <20 cm H₂O/L/ sec (Ins R <12, Exp R <8) 	
	<ul style="list-style-type: none"> • Temperature range: 31°C – 40°C 	
	<ul style="list-style-type: none"> • Temperature control: ± 2°C 	
	<ul style="list-style-type: none"> • Digital display of temperature: 5 – 80°C 	
	<ul style="list-style-type: none"> • Capable of ambient humidity compensation 	
	<ul style="list-style-type: none"> • Should be compatible with both reusable & disposable chambers and circuits 	
	<ul style="list-style-type: none"> • Must have water level indicator 	
	<ul style="list-style-type: none"> • Minimum warm up time (<30 min) 	
8	Nebulizer	
	<ul style="list-style-type: none"> • Purpose: aerosolized drug delivery while intubated. 	
	<ul style="list-style-type: none"> • Technique: Ultrasonic/ vibrating mesh technology. 	
	<ul style="list-style-type: none"> • Integrated or pre-installed software and required hardware for nebulisation. 	
	<ul style="list-style-type: none"> • Particle size (MMD): ≥2µm ≤5µm. 	
	<ul style="list-style-type: none"> • Should have reusable nebulisation chamber or unit along with tubing, cable and adapter/ accessories. 	
9	Proximal flow sensor	
	<ul style="list-style-type: none"> • Type: flow sensor/ volume sensor; Flow/ volume should be measured proximally. 	
	<ul style="list-style-type: none"> • Dead space: ≤1 ml 	
	<ul style="list-style-type: none"> • TV: 0.5 – 200 ml 	
	<ul style="list-style-type: none"> • Reusable and Autoclavable 	
10	FIO₂/ Oxygen sensor	
	<ul style="list-style-type: none"> • Sensors having long lives more than 5 years are preferable. 	

	<ul style="list-style-type: none"> If supplied with cells with shorter lives, cost of cells to be required for 5 years are to be included in total cost. 	
11	Environmental factors	
	<ul style="list-style-type: none"> The unit should be capable of being stored continuously in an ambient temperature of 0 – 60°C and relative humidity of <95%. 	
	<ul style="list-style-type: none"> The unit should be capable of operating continuously in an ambient temperature of 10 – 40°C and relative humidity of 15 - 90%. 	
	<ul style="list-style-type: none"> Shall meet IEC – 60601 – 1 – 2: 2001 (or Equivalent BIS) General Requirements of Safety for Electromagnetic Compatibility. 	
12	Power Supply	
	<ul style="list-style-type: none"> Power input to be 180-240VAC, 50 - 60Hz 	
	<ul style="list-style-type: none"> Resettable over current breaker shall be fitted for protection 	
	System should have suitable battery back-up for minimum half an hour	
13	Standards, Safety and Training	
	a) Certified to be compliant with ANS/IEC60601.2.12-01 Medical Electrical Equipment – Part 2-12.	
	b) Should be US FDA or European CE/ BIS approved product	
	c) Certified to be compliant with ISO-7767 for Oxygen monitoring	
	d) Should meet IEC 529 Level 3 (IP3X)(spraying water) for enclosure protection, water ingress	
	e) Demonstration of quoted equipment model is a must	
	f) Should have local service facility. The service provider should have the necessary equipment recommended by the manufacturer to carry out preventive maintenance test as per guidelines provided in the service/maintenance manual	
	g) Warranty for 5 years and provision of CMC for next 5 years.	
14	Items to be supplied with each ventilator	
	Modular corrosion free original trolley	1unit
	Reusable patient circuit for all modes including HFO for neonates	5sets
	Y piece for reusable ventilator tubes	10 sets
	Servo controlled humidifier	1 set
	Reusable humidifier chamber	2sets
	Nasal CPAP disposable kit	10sets
	Temperature probe & adaptor for humidifier for reusable tubes	2 sets
	Adaptor for humidifier for disposable tubes	2 sets
	Heater wire for humidifier	2 sets
	Flow sensor (Reusable)	10sets
	Flow sensor cable	2 sets

	Nebulizer	1 set	
	Stand for patient circuit	1set	
	Test lung for each ventilator	1 set	
	Hose for O ₂ connection with adaptor (for wall connection)	5 metres	
	Hose for compressed air with adaptor (for wall connection)	5 metres	
	Nasal mask for NCPAP/ NIV(at least three different sizes)	5sets each	
	Nasal prongs for NCPAP/ NIV (at least three different sizes)	5 sets each	
	Expiratory Valve/ block per ventilator (if applicable)	3 sets	
15	Documentation		
	a) Certified of calibration and inspection from factory		
	b) User Manual in English/ Service manual in English		
	c) List of important spare parts and accessories with their part number and costing		
	d) Must submit user list and performance report within last 5 years from major hospitals		

2-ABG MACHINE -SPECIFICATION

- The unit should be ready to use it at anytime and anywhere.
- 2. The unit should be based on Dry chemistry and the measurement Principle should be of Potentiometric, Amperometric and Conduct metric Technology.
- The system should have Disposable Cartridge / Cassette
- The System should provide Blood gas, Electrolyte, Metabolite and Hematocrit Measured Parameter : pH, pCO₂, pO₂, Na⁺, K⁺, Ca⁺⁺, Glu, Hct, Lac, Crea, Chloride, Calculated Parameter: cHCO₃⁻, cTCO₂, BE(ecf), BE(b), cSO₂ cHgb, eGFR, AnionGap, AGapK
- The results should be available after analysis within 30 seconds which can be seen on the TFT Screen with Printout.
- The systems should have rechargeable battery back up a minimum of 8 Hours for using it in ambulance or anywhere in the hospital premises lie in OT/ICU/Wards.
- The cartridges should have shelf life of a minimum of 3 months which should be stored at room temperature.
- Should have built in automated integrated calibration and Quality check, without the use of any reagents,
- The system should be Maintenance free, without any Hidden charges, Room temperature test card storage ,Critical result reporting with Reference Values, Wireless Data capture and Transmission, Patient ID bar coding system,
- Should have capability to store minimum of 2000 Blood Gas Analysis readings and able to display on demand.
- To supply 100 nos. cartridges free of cost along with the machine.
- The product should have the Standard certificate of FDA Approval with CE Mark.

3- X-RAY MACHINE 100 MAH-Specifications

Product & Manufacturer Quality Standards:

- Should be USFDA/ European CE/BIS approved product.
- Manufacturer and Supplier should have ISO 13485 certification for quality standards.
- Electrical safety conforms to the standards for electrical safety IEC 606011-General requirements(or equivalent BIS Standard)
- Shall meet internationally recognised standard for Electromagnetic Compatibility (EMI/EMC).
- The model should be AERB type approved

TECHNICAL CHARACTERISTICS

Mobile X-Ray machine:

- High Frequency generator of 40KHz or more.
- Radiographic KV: 40 to 100KV.
- Rad mA: 100mA or more
- Output power: 5.0 KW.
- mAs range: 1 to 200mAs

X-Ray tube head:

- Monoblock version X-Ray Tube Head with Rotating Anode Single focus X-Ray Tube. The monoblock consists of Tube, H.V. transformer, filament transformer, H.V. Rectifiers & Capacitors, all immersed in High Grade, High dielectric oil.
- One No. Manual Collimator should be provided, with auto off facility.

Tube Stand:

- Mobile Stand with 4-wheel design, which ensures easy mobility and steering. The Spring Balance Stand should be very light in weight with tube arm.
- It should be very easy to manoeuvre & allows smooth movements of Tube Head in vertical Plane.
- Lead lined cassette storage box.
- Large wheels for easy mobility should be provided. • The stand is designed for maximum manoeuvrability of the unit and is able to achieve tube focus to floor distance of minimum 75 inch and tube focus to tabletop distance of minimum 46 inches (Standard Radiography Table).
- The equipment should occupy minimum floor area & is capable to be taken through elevators with ease.

Control Panel:

- KV Increase & Decrease Switches.
- mAs Increase & Decrease Switches
- Machine ON/OFF Switch.
- Collimator Lamp 'ON' Switch.
- Standby & Exposure Switch.
- Self-diagnostic Programme with indicators for:
 - a) Earth fault Error o KV Error
 - b) Filament Error
 - c) Tube head Thermal Error
- Stand by (Ready) & X-Ray On Indicator.
- Incoming Voltage Indicator. There should be provision for the machine to work from 190Volts Input supply to 250V input supply.
- Anatomical Programming Radiography (i.e. APR) should be provided in which KV and mAs are automatically selected depending upon the physique of the patient and part of the body to be X-Rayed.
- There should be a provision that the control should get off, if no key is pressed for 10Min. A Hand Switch with Dual action for exposure Release with Retractable Cord is provided for Radiation Protection to the Operator. There should be cordless remote for exposure along with corded exposure switch.

Power supply: 230V, AC, 50Hz. 15 Amps, single phase

Machine should be supplied with following:

I. 2 No. BARC Approved whole body lead aprons with all attachments.

4. - MONITOR WITH 7 PARA-SPECIFICATION

- Type of display- LCD
- Number Of Parameters- 7 (NIBP+SPO2+ECG+TEMP+RESP+(ETCO2+IBP)
- Screen Size-12.1"
- ECG Lead Mode 12 lead

5-Nasal High Flow Oxygen System (Optiflow) General Specifications:

- Heated Humidified High Flow Nasal Cannula System
- Device should have integrated flow generator to deliver flows from 2 to 60 litres.
- Integrated Air/Oxygen blending and Fio2 monitoring with facility to deliver wide range of oxygen concentrations from 21 to 100%
- Oxygen sensor should not require in field calibration
- Visual and audible alarm indication for Tube disconnects leaks, tube blockages and Water out and Hardware Fault with Error Codes. Audible power failure alarm.
- Device should have thermal disinfection mode to minimize contamination
- Heated tube for sterilization of device should be provided.
- Certification - US FDA/European CE with Four Digit Notified Body Number
- Device should be capable to be installed on Mounting Tray and Pole with Castor C& IV Hook
- Device should be supplied with USFDA/European CE Certified (With four digit notified body number) High Flow Meter.
- Device should have Oxygen Inlet Tube and Air Filter.
- Device should be supplied with Patient Breathing Circuits/Tube – 20 pcs
- The circuit should have integrated temperature sensor with no need of external probes, cables or Adapter.
- The Circuit pack should have a humidifier chamber to have autofill technology for water
- The Circuit should have spiral heating fine wire inside the circuit to gently and accurately deliver warm and humidified gases.
- Device should be supplied Nasal Cannula (20 Pcs) with wiggle pads and should have Hydrocolloid adhesive pads on Velcro 4. Device should be supplied with direct tracheotomy Interface – 10 pcs

6-BIPAP MACHINE-SPECIFICATION

- Dimensions: 18 cm L x 14 cm W x 10 cm H (7" L x 5.5" W x 4" H)
- Pressure range: IPAP 4 - 30 cm H₂O; EPAP 4 - 25 cm H₂O; CPAP 4 - 20 cm H₂O
- Starting ramp: 4 to EPAP min
- Breath rate: 0 - 30 beats per minute
- Flex pressure relief: 0 to 30 (S-mode)
- Ramp time: 0 to 45 min (5-min increments) minute(s)
- Warranty: Two years
- On-board data storage capacity (minimum): up to 3 months
- Weight without humidifier: 1.36 (3) kg (lbs)
- Electrical requirements: 100-240 (50/60) VAC (Hz)
- Filters: Foam and optional ultra-fine
- Device setup: LCD/control wheel/push button
- Data storage capacity Display (minimum): Compliance VIC, 1-, 7- and 30-day averages
- Data storage capacity SD Card (minimum): >1 year(s)
- Compliance meter: Breathing detection

- Altitude compensation: Automatic
- Humidification: Integrates with System One 60 Series humidifier and System One 60 Series Heated Tube humidifier
- Miscellaneous: Lighted LEDs
- Comfort features
 - Modes : CPAP, S, S/T, PC, T
- Flex comfort : Bi-Flex

7-Syringe Pump-Specifications:

- Microprocessor Controlled.
- Compatible with syringes of 5ml, 10/12ml, 30ml, 50/60ml.
- Automatic Calibration of syringes
- 110mm LED/LCD colored display for better display
- Modes of working: Flow Rate Vs Solution Volume & Time Vs Solution Volume
- Built in rechargeable battery up to 6 hours (at 5ml/hrs for 50 ml syringe)
- Automatically calculate time in rate –Volume Mode & Rate in Time –Volume Mode.
- Alarm Function: Occlusion, Near Empty (3min), Low Battery, Infusion Over, Empty, Disengagement, Internal function, AC power Failure etc.
- Three level of alarm sound: High Middle Low
- Variable Occlusion limited pressure: High Middle and Low
- KVO mode (User option available)
- Purge/Bolus Function (Anti Bolus System)
- Online Bolus
- Bolus rate programmable – 0 -1800 ml/hr. Saves last even after AC power switch off
- Last setting memorized
- Standby Function
- Online Changing Rate
- Vertically stackable (3-4pumps)
- Front Loading Syringe Technique
- Long Power Cable (3 Mtr.)
- Drug Library customized & adjustable
- Flow rate (Rate mode)
- 60ml Syringe pump: 0.1-1800.00ml/hr (0.1ml/hr Step)
- 50ml Syringe pump: 0.1-1500.00ml/hr (0.1ml/hr Step)
- 20ml Syringe pump: 0.1-800.00ml/hr (0.1ml/hr Step)
- 10ml Syringe pump: 0.1-400.00ml/hr (0.1ml/hr Step)
- 05ml Syringe pump: 0.1-200.00ml/hr (0.1ml/hr Step)
- Accuracy: +/-2% (after correct calibration)
- Time Setting mode range:
- Volume:0.1-199.9ml, 0.1ml step
- Time : 1-1999min, 1 min step
- Volume limits range: 0-1999.9ml, 0.1 step
- Bolus Volume: Bolus/Purge Setting according to syringe sizes
- KVO @ 1ml/hrs
- Power supply: AC 100-240V, 50/60 Hz
- Net Weight: 2.1 kg Approx
- Operating:
- Ambient Temperature: 10-40 degree C
- Relative Humidity: 15-90%
- Storage Condition:
- Ambient Temperature 10-50 degree C, Relative Humidity 15-90%

8- Specifications of the ICU Bed

- Should have a four section mattress base, made from sturdy metal/polymer frame, easily cleanable & washable from all sides with disinfectant.
- Bed top should be X-ray lucent of high pressure laminate with facility to insert X-ray cassettes from either sides & both ends.
- It should be made up of high quality metal, pretreated with materials providing good finish, scratch resistant, bacteriostatic coating.
- Should have integrated split side rails of rust proof metal / polymer tuck away split side rails. 2/3 assist positions
- There should be complete bed articulation positions with good hydraulic system: Hi-lo, heap, Knee and auto contour providing all the possible bed positions with ease.
- There should be user friendly controls on both the sides of the side rails for patient's comfort & care givers efficiency.
- Should have caregiver articulation lockout controls away from patient at the foot end embedded in the bed frame. There should be instant non powered/mechanical CPR release at the head end for emergency.
- Should have easily removable blow molded foot and head boards made up of ABS with push handles.
- Wheels/castors: Good quality, smooth movements and should have brake and steer pedals accessible from all four corners of the bed with at least 130-150 mm diameter castors.
- There should be four corner roller bumpers for safety.
- Should have a safe working load of at-least 200- 250 Kg.
- One IV pole of adjustable height & should be possible to store underneath the bed base frame. There should also be four sockets on all the 4 corners of the bed to hold additional IV pole.
- Dimensions- should have bed length with standard sleep area 190- 225 cm. & bed width for standard sleep deck at-least 75- 110cm. Height range 50cm to 90cm.
- Under bed clearance of at-least 12cm or more.
- Bed should operate on 210-230 Volts, 50 Hz supply with adequate emergency battery backup.
- The bed should have motors of good quality, low noise and with rechargeable battery.
- The bed should be of heavy duty, good quality and finish.
- The bed should meet the international quality and patient safety standards of: FDA/CE/BIS/IEC .

Optional accessories:

ICU bed foam mattress

- High resilient, bio-density foam. Low density heel zone for gentle support to heels and ankles.
- Easy to clean, extremely hygienic.
- X-ray translucent & latex.
- Design: Cube cut, independent cubes promote air flow to reduce moisture.
- Technical specifications: L: 190-200cm, W: 80-90cm, H: 12-15cm.
- Approx foam Density: Head/sacrum- approx 40kg/m³, Heel: 30kg/m³
- Therapeutic Wt. limit: 150 kg approx.
- Disinfection of cover: e.g. by 1000ppm Hypochlorite solution.
- Quality certification: BS/EN/GPEM/BIS.

9-Ambu Bag Specification

- Bag volume. Adult (1475 ml), Pediatric (635 ml), Neonate (220 ml)
- Dimensions. Adult (295x127 mm), Pediatric (234x99 mm), Neonate (165x70 mm)
- Weight. Adult (350 g), Pediatric (230 g), Neonate (112 g)

10-Oxygen Cylinder Trolley-Specification

- The oxygen bottle trolley is made of carbon steel with a weight of 2.5kg.

- Oxygen cylinder's diameter: Ø 120mm.
- 2 wheels.
- Load bearing: 200kg.
- Dimensions: 27*28*110 cm.

11. Defibrillator-Specification

- It should be a latest technology, advanced biphasic waveform defibrillator.
- It should have integrated Automated External Defibrillator (AED).
- It should be light weight, compact, easy to carry and easy to operate.
- It should have device status indicator for readiness of use.
- It should have facility of manual defibrillation and upgradable to External Pacing.
- It should have at least 6 inch, high resolution colour monitor for ECG (3 to 5leads) with three waveform capability; upgradable to SpO₂, NIBP and EtCO₂.
- It should have in built 3 channel ECG recorder.
- It should be capable of storing trends and patient data
- Should have Arrhythmia alarms.
- Should have synchronous cardioversion.
- It should have both adult and pediatric external paddles.
- It should have biphasic mode, with range of 1 to 200 joules, charge time less than 5 seconds.
- Fully charged in-built battery backup with provision for 20 shocks of 200 joules with 3 hours monitoring OR at least 150 shocks of 200 joules without monitoring.
- Should have battery capacity indicator on battery.
- It should meet international safety standards, US-FDA and CE certification.
- It should be capable of transferring data to PC through USB flash memory.
- System configuration, accessories, spares and consumables: Adult external paddles- 01• Pediatric external paddles -01(preferably built in adult paddles)• Patient cables- 01• ECG Rolls- 25•
- It should be capable of operating continuously in Indian conditions.
- It should be capable of operating on mains power input of 120-240 V, 50/60Hz

12. Volumetric Infusion Pump -SPECIFICATION

- The equipment should have a programmable Roller type Peristaltic pump / Volumetric Pump technology for delivery of IV fluids and blood/blood products ranging between 0.1 ml to 999.9 ml per minute.
- The Equipment should have high levels of safety from air embolism by integrating at least two ultrasonic air detection sensors.
- Heating process should be done by an electromagnetic induction heating system.
- The Equipment should have two infra -red temperature sensors for accurate delivery of fluids at 37 degree celcius. 5. The equipment should have the facility to automatically purge air for removal of any outgassed air to prevent it from entering the patient line. No manual process should be involved.
- Programmable to any I.V. tubing
- Suitable for micro/adult infusions
- Audible and Visual alarms
- Keep Vein Open(KVO)
- Air in Line Detector
- Free flow protection.
- The equipment should have operator controlled Bolus infusion key for rapid response in critical situations.
- The equipment should have a line pressure control sensor for restriction of flow in case of line occlusion immediately and stop the delivery of fluids for patient safety.
- The Equipment should have a recirculate mode for pre - warming of fluids during transport.

- The Equipment should have an interactive on-board LCD display system which displays information about the rate of infusion, total volume infused, real temperature of fluids, line pressure etc.
- The equipment should have an internal rechargeable battery backup for 5 hours.
- Consumables should be universal for all flow rates ranging between 0.1 ml to 999.9 ml per minute
- The Principals must give a certificate that if the supplier/ vendor is changed during the course of guarantee/ warrantee period ,the principals would be responsible for the upkeep/maintenance of the quote/ supplied equipment, besides honoring all the terms and conditions of AMC in letter and spirit.
- Data entry calculator style numeric programming keyboard
- Pole clamp Multi-function mounting clamp
- Time and date settings
- Accuracy $\pm 3\%$.
- RS232C/USB/RS485 output for Printer, PC connectivity and Data acquisition with selectable baud rate options may be there (optional)
- Spares/ Consumables should be available for a period of at least eight years after expiry of the guarantee/ warrantee period.
- Performance certificates from satisfied customers from Central Govt. /State Govt. /reputed private hospitals must be appended in respect of the quoted equipment.
- Warranty : 3 Years & Annual Maintenance Contract : 5 Years after Warranty respectively

13- Alternative Air Mattress Cell Type

- Dimension-200 (L) x 90 (W) x 20 (H) cm
- Material- Nylon- PU
- Weight-8 Kg
- Number Of Cell-18 Cells

14. ECG MACHINE 12 CHANNEL 12CK

- Lead- Standard 12 leads
- Paper speed-6.25, 12.5, 25, 50mm/s ($\pm 3\%$)
- Paper-215mm x 20m roll paper or 210mm x 140mm Z-fold paper
- Communication- RS232 / USB port
- Power supply- AC 110-230V ($\pm 10\%$), 50/60HZ (± 1 Hz), 60VA DC Built-in rechargeable battery, 14.4V (4400mAh)

15-Video Laryngoscope

- Display: Reusable full colour TFT LCD display, 2.4"
- Batteries: 3 AAA batteries. ...
- Video adapter: Reusable video adapter with camera and white LED light.
- Blades: Disposable channelled and non-channelled blades.
- ET tube size for channelled blades: a Blade- 2C: 4.5-5.5 mm. Cable:

16-Nebuliser Machine

- High Nebulization Rate of 0.4ml/min ensures optimized treatment duration.
- Small Particle Size of MMAD $3\mu\text{m}$ to reach lower airway for effective nebulization.
- Aerosol Output 0.4ml.
- Aerosol Output Rate 0.06ml/min.
- 7 ml medication capacity with minimal residual medication

17. Pulse Oximeter Table top

- High Resolution Color 2.8" LCD Display and Seven segment
- Suitable for SpO₂ and Pulse Rate Measurement in hospital, Clinics or Home
- Visible and Audible Alarm System
- Available with Dual work Mode Spot and Continuous Measurement
- Suitable for Adult, Paediatric and Neonate
- Inbuilt Rechargeable batteries.
- Adjustable High and Low Pulse Rate and SpO₂ Alarm Pulse Beep sound with every detected
- Adult, Paed. and Neonate Sensor
- Pulse Rate
- 30 to 250 BPM.
- SpO₂ :60 TO 100%
- Pulse Accuracy : +/- 2bpm normal
- SpO₂ +/- 2 % normal limit
- Operating temp. 0 -45C.
- Storage Temp. -20 to 60C.
- Power specification: Input 230V AC

18-LED Phototherapy Unit

- Should last for at least 30,000 hours
- Should be made of easily cleanable material
- Minimum irradiance should be 20 $\mu\text{W}/\text{cm}^2/\text{nm}$ at 45cm distance between bed and light unit
- Wave length should be 450-460 nm and should be free from UV and IR radiation
- Should have visual and audible alarms for the following— Internal temperature•>550 C If cooling fan fails• If LED current increases or decrease• If LED volt increases or decreases•
- Cooling fan to be provided to dissipate the heat created by LED
- Should be compact to use along with the radiant warmer and should have tilting facility so that unit is not coming directly under warmer
- Smooth height adjustment mechanism & adjustable height
- Peak spectral irradiance: at least 30 $\mu\text{W}/\text{cm}^2/\text{nm}$ at 30 cm distance and 50 $\mu\text{W}/\text{cm}^2/\text{nm}$ at 20 cm distance (as measured with Minolta-Air shields or Olympic flux meter)
- It should be possible to increase or decrease the irradiance by a switch without changing the distance to the baby 11. Large effective surface area: mean spectral irradiance of at least 20 $\mu\text{W}/\text{cm}^2/\text{nm}$ over an area of 25cm by 50cm at 30cm distance
- Emissions spectrum: blue light with a peak wavelength between 440 and 470 nm
- The source of lamps (manufacturer) should be identified and a certificate of the emission spectrum from a government/research laboratory should be provided.
- Quality control: device is produced by manufacturer with ISO 9001 certification (certificates to be submitted)
- Electrical: device is compatible with 220 - 240 V 50/60 Hz power input
- Durability: LEDs are protected by suitable cover made of fire resistant transparent material
- Digital Lamp time counter
- Digital Treatment time counter
- LEDs are protected by suitable cover made of fire resistant transparent material
- Sturdy mobile stand
- At least 2 inch sturdy Castors, at least 2 should have breaks
- Height of stand's base must be less than 8cm to fit under radiant warmers/incubators and baby cots

- Height adjustable from 1.20m to 1.50 m (measured from bottom surface of enclosure to ground) i. Light enclosure must be tiltable from horizontal to at least 30 degrees ii. Tiltable from horizontal to at least 30 degrees
- 1 spare set of fuses per machine
- A list of consumable items should be provided along with its price which will be frozen for the duration of warranty and CAMC. Quotation must include a compliance statement and in addition, each of the above points is marked in the technical brochure. Points not covered in the brochure must be specifically addressed in a separate certificate. Manuals: One set of operator & service manuals with each monitor.

19. CPAP Machine

- Nasal CPAP with standard accessories (Mask, Tubing, Heated Humidifier).
- Pressure= 4- 20cm of H₂O *Ramp Time=0-20 Minutes
- Should have provision for oxygen supply
- Should have Heated Humidifier * Sound Level=Less than 30 dB
- Provided with soft silicone Nasal /Full face Mask and Tubing(The Mask supplied should be as per requirement)
- Should run on Electricity at 220V and 50-60 Hz.
- Warranty with parts= Minimum 3 Years. *Item should be BIS/CE/FDA Approved

20. OXYGEN HOOD

- Overall Size: 255 mm x 220 mm x 200 mm
- Neck Size: 145 mm x 125 mm
- Size of Access Door : 100 mm diameter
Top land Area of the hole to insert feeding tubes : 140 mm x 140 mm sq.

21. Suction Machine

Portable suction unit: size 38x17x28.5cm, weight 5.1kg

Technical specifications:

- SUCTION MACHINE with pump: - Power supply: 230-240V/50Hz - Vacuum capacity: 18 litres/min - Maximum depression: -75kPa (-563mmHg) Vacuum is created by a plastic piston and cylinder system, with four vacuum-creating.
- The membrane vacuum regulator permits accurate vacuum settings. Double overflow-protection system (bottle and pump). Working temperature range: +5 to +40°C.

22. Fumigator Machine

- Device should be made for hospital use only.(operation theatre or intensive care unit sterilization)
- Device should be portable, electrically operated.
- Machine weight at least 6 kg.
- Tank capacity at around 5liters.
- Area covered should be around 7500 cubic feet
- Tank should be metallic made and sturdy.
- Droplet size generated by nozzle should be submicron size. Validation of droplet size by a governing body will be preferred.
- Timer function should be present. Integrated timer is preferred.
- Particle throw in a closed room should reach up to 3 to 4 meters
- Output should be less than or equal to 3 liters per hour.
- All parts should be compatible with acidic or alkaline liquids.
- Medical grade silicon tubing and stainless steel internal parts. complying to FDA & UPS CLASS VI
- Should have intake air filter uniquely designed of two layers for dust and fog separation
- Device motor should be high speed.
- Should have Precision Metering System : 0-70ml/minute
- Should be of nozzle assembly – non clogging design – Engg. Plastics

23. Hemodialysis Machine

- The Machine should be of latest technology with microprocessor controlled.
- Machine should have at least 10" Colour TFT display operated by soft touch buttons or touch screen
- Machine should have Acetate & Bicarbonate dialysis facility.
- Machine should have Sequential/Isolation Ultra filtration facility.
- It should have Arterial, Venous & Trans membrane pressure monitoring facility.
- (a) Arterial Pressure Monitoring: -300mmHg to +300mmHg
- (b) Venous Pressure Monitoring: -60mmHg to +500mmHg
- (c) Trans membrane Pressure Monitoring: -60mmHg to +500mmHg
- Treatment parameters should be displayed by trend curve and digital both.
- Blood pump flow rate should be from 20 ml/min. to 600 ml/min. Blood tubing pump segment should be operator changeable for use of different types of blood tubing sets (Blood Pump Tubing Pump segment 4mm to 10mm)
- Machine should have Volumetric Ultrafiltration System.
- Machine should have inbuilt on-line Dialysate fluid filter system for ultrapure Dialysate delivery.
- Machine should have In-line Bicarbonate mixing and solution preparation facility with sterile dry powder cartridge during dialysis.
- Machine should have Air bubble detector facility with level adjustment facility for Venous chamber by up-down keys.
- Machine should have Optical Sensor to check the presence of blood/saline in the extracorporeal blood circuit system.
- Machine should have Heparin Infusion Pump with rate 0 to 10 ml/min. and Bolus Infusion up to 5 ml/min.
- Machine should have Blood leak Sensor. Alarm will be activated for blood loss rate not greater than 0.5ml/min at max. dialysate flow of 800ml/min.
- Machine Should accept different concentrate formulation, different Dialyzers and blood tubing sets.
- Machine should have Variable Dialysate flow from 300 to 800 ml/min.
- Machine Should have dialysate temperature setting range 35°C to 39°C.
- Ultrafiltration rate should be from 0 to 4.00 L/Hr.
- Machine should have In house water filter assembly with cartridge filter.
- Machine should have facility for priming and rinsing of dialyzer and blood lines.
- Machine should have Hot Rinsing and Hot Chemical Disinfection facility (Temp. above 80 deg. Celsius) with recirculation system. Also, it should have various chemo Thermal cleansing and disinfection programs.
- Machine should have Ultrafiltration and Sodium Profiling facility.
- Machine should have Automatic Battery backup of 15 to 20 minutes for complete Extra corporeal blood system during power failure.
- Machine should have Inbuilt online Non-Invasive patient blood pressure monitoring. (Optional)
- Machine should be upgradable to future software developments and can be linked with Patient Data Management System (Optional)
- Machine should be US FDA approved OR CE certified.
- Power supply - 230VAC, 50Hz
- Should work on AC mains without batteries.
- Operating & service manual with detail circuit diagram should be provided.

- Machine should have real time clearance surveillance for urea & Kt/V to assess adequacy of dialysis. It should display real time Urea clearance, Plasma Sodium, Current Kt/V and Time required to achieve Target Kt/V.
- Training to MEC Engineer.
- Should have strong service support back up. Give details of after sales service network.
- Machine should have Comprehensive warranty for 2 years.
- Demonstration of the quoted model should be given with all above technical specifications.
- User's list of quoted model with the addresses & contact Nos. to be provided.
- Demonstration compulsory.
- Tropicalization:
 - (a) Operating room Temp.15°C up to 35°C
 - (b) Storage room temp 5°C up to 60°C
 - (c) Relative humidity 30%upto 75% non-condenser.

24. BEL(CV200) Medical Flow Sensor FS2 Compatible with Hamilton/ IMT (Bellavista1000)

25. Mortuary Refrigerator (6 Body Capacity)

I. Technical Specification:

1. General

- a. Designed for long storage of cadavers.
- b. Proper design ensuring best hygiene.
- c. Energy Efficient.
- d. Sturdy Construction
- e. Light Weight
- f. Low Maintenance.

2. Body of the Mortuary Chamber

- a. Mobile with brakes for castor wheels.
- b. Corrosion free exterior and interior.
- c. Double walled cooling units.
- d. Outer shell constructed of thick steel sheets of type 304- SS grade
- e. The inner chamber to be of heavy gauge stainless steel sheet of SS-304 grade.
- f. The 100 mm gap between the walls to be filled with high grade polyurethane insulation, ensuring maximum thermal efficiency. Puff density should be 40kg/cu m.
- g. The doors to be made of stainless steel for extra protection and long life.
- h. The doors should be connected by sturdy heavy duty chrome plate hinges and fitted with hard chrome plated lubricated latches for opening the door. Individual standard key lock for each chamber.
- i. All the doors to be fitted with high quality triple point neoprene rubber gaskets for air tight fittings and magnetic closure fittings and lock.
- j. Washable interiors with channel for water outlet that can be plugged with rodent resistant material.
- k. Vapour proof lamp inside

3. Body Trays

Sturdy, proper loading body trays, with telescopic sturdy castors and castor locks to prevent rolling out of the tray.

4. Dimensions

Width - 2946 mm + 10 mm. Depth - 2362 mm +

10 mm. Height – 1745 mm

± 10 mm.

Height with cooling unit and concrete platform – 2215 mm ± 20 mm.

5. **Temperature & Controls:**

- a. Microprocessor based temperature control.
- b. Temp range +2 to +8°C
- c. Digital LED display. Touchpad data entry for adjustable temperature and alarm settings.
- d. Audio visual alarm for high and low temperature
- e. PUF insulation
- f. ISI certified high end ultra mute CFC-free hermetically sealed compressors, conforming to latest international standards and guidelines.
- g. Efficient condenser with automatic evaporating system (condensate).
- h. Forced air circulation system
- i. Automatic defrosting system.
- j. Noise levels- less than 60 Db

II. **Environmental factors:**

- Shall meet IEC-60601-1-2:2001 (Or Equivalent BIS) General Requirements of safety for Electromagnetic Compatibility or should comply with 89/366/ECC; EMC-Directive.
- The unit shall be capable of operating continuously in ambient temperature of 30-40 deg C and relative humidity of 15- 90 %
- The unit shall be capable of being stored continuously in ambient temperature of 10-50 deg C and relative humidity of 15 – 90 %

III. **Power Supply:**

- Power input to be 220 – 240 VAC, 50 Hz and suitable stabilizer (4kVA or higher).
- Battery back-up on display for 0 to 4 hrs. in case of power failure.
- Fitted with Indian plug.
- Should be FDA, CE, UL or BIS approved product.

IV. **Standards, Safety and Training:**

- Should be FDA, CE, UL or BIS approved product.
- Manufacturer should have ISO certification for quality standards.
- Comprehensive training for lab staff and support services till familiarity with the system.
- Electrical safety conforms to standards for electrical safety IEC 60601- 1 (Or equivalent International / National standard) general requirement for Electrical safety of Medical equipment.

V. **Documentation:**

- User / Technical / Maintenance manuals to be supplied in English.
- 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.
- List of important spare parts and accessories with their part number and costing.
- List of equipment's available for providing calibration and routine Preventive Maintenance Support as per manufacturer documentation in service / technical manual.
- Compliance report to be submitted in a tabulated and point wise manner clearly mentioning the page / Para number of original catalogue / data sheet. Any point, if not substantiated with authenticated catalogue / manual, will not be considered.
- Certificate of inspection and quality control indicating the S / N for all non-consumable items with date.

VI. **Warranty and Maintenance:**

Warranty for 2 years followed by CMC for 5 years for all parts including service.

ANNUAL TURN OVER STATEMENT

The Annual Turnover of M/s _____
_____ for the last three years are given below and certified that the
statement is true and correct.

Sl.No.	Year	Turnover in Lakhs / Crores (Rs)
1.	2018 - 2019	-
2.	2019 - 2020	-
3.	2020 - 2021	-

Date:

Place:

Signature of Auditor/
Chartered Accountant
(Name in Capital)
Registration No.
Seal

AGREEMENT

THIS AGREEMENT IS MADE AT _____ THIS THE DAY OF _____ 201__

BETWEEN

Name of the Supplier
with full address

Here in after called the “Supplier(s) _____” as 1st Party

AND

The C.D.M & P.H.O / M.O, I/c
Health & F.W. Department
Represented through the

_____ / **THE CONSIGNEE**

Here in after called the “PURCHASER” _____ as 2nd Party.

Relying on the documents and representation of facts connected to the issue of aforesaid parties to undertake the responsibilities of sell and purchase of following equipment(s) etc. with the terms & conditions hereinafter laid down.

And whereas the 2nd party “Purchaser(s)” is willing to purchase

Name of the Item:

Specifications: As per specifications laid down in the Tender terms & conditions

The Supplier(s) has agreed to sell the equipment(s) completed in all respects according to the Tender requirements and their / his offer dtd. _____ and the Supplier(s) has also agreed to install to make them operative at the destination mentioned in the Tender document with the following descriptions and their cost mentioned against each.

<u>Description of goods:</u>	<u>Offered Price</u>	<u>Total</u>
------------------------------	----------------------	--------------

The price / cost of the items also includes the followings in addition to above.

1. Insurance
2. Freight
3. Transportation
4. Customs duty / Excise duty
5. Charges for documents, instructions manual, tools
6. F.O.R. at the destinations mentioned in the consignee list
7. Training to doctors & technicians.
8. Maintenance of the system includes all accessories supplied and their spare parts required during comprehensive warranty period of five year at free of cost from the date of successful installation and satisfactory functioning of the system at the site.

9. CMC for next 3 (three) years after the warranty period.
10. Installation and commissioning of the system by the Supplier's engineer at site.
11. Any other charges including loading & unloading, packing & forwarding etc. will be paid by the Supplier(s) till the completion of the installation and turnkey job if any.

TERMS AND CONDITIONS:-

PRICE :

Only the price quoted by the Supplier(s) in his / their financial proposal will be the price for payment and no other price escalation will be allowed at any circumstances.

TERMS FOR PAYMENT :-

A. The payment(s) shall be made by purchaser in Indian currencies No advance payments towards cost of Instruments and Equipments etc. will be made to the tenderer. No payment will be made to the supplier if he has not deposited the unconditional performance security in shape of Bank draft amounting to 10% of the purchase order value which will be deposited in ZSS NRHM Additionality, Bargarh with the warranty for 2 years agreement to the consignee.

90% of the cost of the equipment+100% turnkey +100% tax shall be released to the supplier on receipt of stock entry certificate and installation certificate (that it is working) from the consignee. The remaining ten percent (10%) will be released after satisfactory working certificate received from the consignee after 6 weeks of installation. For this purpose the supplier will submit two bills, one 90% of the cost of the equipment+100% turnkey +100% tax and the other for the remaining ten percent (10%) of the cost of the equipment.

B. Before release of payment the supplier has to submit the signed agreement, warranty documents of equipment and turnkey job to the consignee. The undertaking as per Annexure – X & XI will also be submitted to the consignee with photocopies to the purchaser.

TURNKEY JOB:

The external power supply will be provided by the Deptt. but the internal wiring and electrical fittings inside the room for installation & commissioning of the equipment and accessories will be provided by the supplier without any extra cost.

UP-TIME BALANCE :

The Supplier (s) shall provide guarantee 95% uptime i.e. 41610 (95% of 43800 Hours) during comprehensive warranty period. The up time guarantee will be 95% as calculated here under i.e. 8322 hours per annum.

1 year – 365 days (24 working hours per day)

Total working time per annum – 365 days x 24 hrs = 8760 hrs.

Up time guarantee - 0.95 x 8760 hrs. = 8322 hrs. per annum.

For 2 years warranty = 8322 x 2 = 16644Hours

Any uptime less than that specified above will be compensated by the Supplier(s). The consignee shall maintain a log-book in the format provided by the Supplier(s) which will indicate usage of the equipment every day and for calculation of up-time.

DOWNTIME PENALTY CLAUSE:

During the Guarantee / warranty period, desired uptime will be 95% of 365 days (24 hour) if downtime exceeds 5%, penalty in the form of extended warranty, double the number of days for which the equipment goes out of service will be applied. The vendor must undertake to supply all spares for optimal upkeep of the equipment for **TWO YEARS** from the date of installation at the site. If accessories / other attachment of the system are procured from the third party, then the vendor must produce cost of accessory / other attachment and the CMC from the third party separately along with the main offer and the third party will have to sign the CMC with the consignee if required.

In no case equipment should remain in non-working condition for more than 7 working days.

The manufacturers or their agents are required to submit a certificate that they have satisfactory service arrangements and fully trained staff available to support the uptime guarantee.

COMPREHENSIVE MAINTENANCE CONTRACT:

The supplier will provide CMC for 3 (three) years after the completion of 2 years comprehensive warranty period.

INSTALLATION AND DEMONSTRATION :

The installation and demonstration of the equipment shall be done by the Supplier(s) at free of cost at the installation site of the respective institutions.

TRAINING :

Supplier(s) shall impart adequate training to 2 doctors and 2 technicians at the site / his / their factory / workshop inside / outside India as the case may be at the Supplier(s) cost.

PERT CHART:

Failure to stick to the pert chart will attract penal charges like forfeiture of performance security.

INCIDENTAL SERVICES:

The Supplier(s) shall abide by the terms and conditions under incidental services & the installation of Instrument / Equipment at the destination point (Door Delivery) of consignee and demonstrate the machine in working condition to the receiving authority.

Furnishing of tools required for assembly and / or maintenance of the supplied Instruments / Equipments.

Furnishing of detailed operations and maintenance manual literatures for each appropriate unit of supplied Goods.

Performance or maintenance and / or repair of the supplied Goods, for a period of two (2) years i.e. the warranty period, provided that this service shall not relieve the Supplier of any warranty obligations under this contract.

The successful supplier shall replace any part or whole system as may be necessary in the event of damage during transit or found damaged on arrival or during installation of the system or if found not in conformity to the specifications at his / their own cost.

The tenderer should furnish an undertaking to the effect that he / they should take responsibility after sales service of the equipments / instruments to be supplied by him /

them and to provide spare parts for up keeping the Equipments / Instruments for a minimum period of 10 years from the date of installation.

The tenderers shall clearly mention the price of the instruments / equipments inclusive of warranty for a period of 2 (two) years commencing from the date of installation. The tenderers shall submit undertaking for C.M.C (Comprehensive Maintenance Cost) for a period of 3 (three) years from 3rd year onwards duly signed by authorised signatories for the execution at appropriate time (Annexure – X & XI).

SPARE PARTS :

The supplier will provide all the spare parts, repairing & maintenance by its trained personnel after the warranty period (2 years) during the CMC period.

COMPREHENSIVE WARRANTY :

This warranty shall remain valid for two (2) years from the date of installation & commissioning of the machine / item & must be submitted at the time of installation to the consignee with a photocopy to the purchaser.

The warranty will cover all the parts of the machine or item and any replacement or repair required within the warranty period will be provided by the supplier free of cost at the destination point (Installation point). The supplier will take back the replaced parts / goods at the time of their replacement. No claim whatsoever shall be on the purchaser for the replaced parts / goods thereafter. No traveling allowances or transportation cost will be paid by the purchaser during warranty period.

The Supplier warrants that the Goods supplied under this contract are new, unused, of the most recent or current models and they incorporate all recent improvements in design and materials (even if the advanced facilities are not mentioned in our product specification). The Supplier further warrants that all Goods supplied under this contract shall have no defect from design, materials or workmanship (except when the design and / or material is required by the Purchaser's Specifications) or from any act or omission of the Supplier, that may develop under normal use of the supplied Goods in the conditions prevailing in the place of final destination.

The Purchaser / consignee shall promptly notify the Supplier in writing / Fax / Telephone of any claims arrange under this warranty.

Upon receipt of such notice, the Supplier shall with all responsible speed will repair or replace the defective goods or parts thereof without cost to the purchaser to maintain its UP TIME offered in the beginning of purchase otherwise penal provisions shall apply if the supplier fails to keep up its UP TIME.

If the Supplier, having been notified, fails to remedy the defect(s) within 10 days, the Purchaser may proceed to take such remedial action as may be necessary, like forfeiture of EMD or recovery from security deposit the amount of loss (which will be decided by C.D.M & P.H.O / S.D.M.O) incurred by the purchaser.

GOVERNING LANGUAGE :

The contract shall be written in English language. English language version of the contract shall govern its interpretation. All correspondences and other documents pertaining to the contract which are exchanged by the parties shall be written in English.

DELIVERY OF DOCUMENT :

Four (4) copies of the Supplier invoice / bills showing purchase order number, good's description, quantity, unit price, total amount with stock entry certificate by the consignee.

Photocopy of the Insurance Certificate if any (The Original Certificate is to be given to the Consignee).

Attested Photocopy of Manufacturer's / Supplier's warranty certificate. (The original warranty certificate is to be submitted to the consignee at installation point).

INSURANCE :

For delivery of goods at site, the insurance shall be obtained by the Supplier(s) in an amount equal to 110% of the value of goods from "Warehouse" (final destination) on "All Risks" basis including natural calamities.

PACKAGING :

The supplier shall provide such packaging of the goods as is required to prevent their damage or deterioration during transit to their final destination. The packaging shall be sufficient to withstand without limitation rough handling during transit and exposure to extreme temperature, salt and precipitation during transit and upon storage. All primary packaging containers which come in contact with the item should strictly protect the quality and integrity of the Instruments & Equipments. Packing case size and weights should be taken into consideration, in case of remoteness of final destination and the absence of heavy handling facilities at all points in transit.

The packaging marking shall show the description of quantity of contents, the name of the consignee and address, the gross weight of the packages, the name of the supplier with a distinctive number of mark sufficient for purposes of identification. Each package shall contain:

- i. a packaging note quoting the name of the purchaser
- ii. the number and date of order
- iii. nomenclature of the goods
- iv. schedule of parts for each complete equipment giving part number with reference to assembly.
- v. Name & address of the consignee
- vi. Name & address of the supplier.

TERMS OF CONTRACT :

The C.D.M & P.H.O will be at liberty to terminate without assigning any reason the contract either wholly or in part. The tenderers will not be entitled to any compensation whatsoever in such terminations.

PENALTIES :

If the successful tenderer fails to execute the agreement and / or deposit the required security within the time specified or withdraws his tender after acceptance of his tender owing to any other reasons, he is unable to undertake the contract, his contract will be cancelled and the Earnest Money Deposit deposited by him along with his tender shall stand forfeited and he will also be liable for all damages sustained by the C.D.M & P.H.O by reasons of such breach, such as failure to supply / delayed supply including the liability to pay any difference between the prices accepted by him and those ultimately paid for the procurement of the articles concerned. Such damages shall be assessed by the C.D.M & P.H.O whose decision is final & binding in the matter.

If any articles or things supplied by the tenderer have been partially or wholly used or consumed after supply and are subsequently found to be in bad order, unsound, inferior in quality or description or are otherwise faulty or unfit for consumption / use & rusted then the contract price or prices of such articles on full will be recovered from the tenderer, if payment had already been made to him or the tenderer will not be entitled to any payment for that item & no further order will be given to him. For infringement of the stipulations of the contract or for other justifiable reasons, the contract may be terminated by the C.D.M & P.H.O and the tenderer shall be liable for all losses sustained by the C.D.M & P.H.O in

consequence of the termination which may be recovered from the Security Deposit made by the tenderer or other money due or become due to him.

Supply of sub-standard items or non - performance of tender terms & conditions will disqualify a firm to participate in the tender for the next five years.

ARBITRATIONS :

In the event of any dispute out of the contract, such dispute should be subject to the Jurisdiction of the Civil Court, Bargarh or High Court, Odisha.

CHANGE OF TERMS AND CONDITIONS :

Any amendment to the terms & conditions and clauses of the agreement if required must be done in writing duly signed by the two parties.

IN WITNESS WHERE OF the parties herein to have set and subscribed their respective hands the day and year first herein above written.

Executed by Purchaser (s) / Consignee

Executed by Supplier(s)

In presence of (Witness)

In presence of (Witness)

DETAILS OF THE TENDERER & LOCAL CONTACT PERSON

	Corporate Office (The address in which the purchase orders and payment details will be communicated)	Local Contact Person / Branch Office / Zonal Office / Service Centre if any, in Odisha.
Name & Full Address		
Telephone Nos., landline		
Mobile		
Fax		
E – Mail		
Date of Inception		
Manufacturing License Nos.& Date		
Name of the issuing authority		
License valid up to		

**Signature of the Tenderer :
with seal**

Date :

Official Seal :

CHECK LIST

COVER – A (TECHNICAL BID) “Use separate check list for each items”.

Sl No	Name of the Instrument/Equipment	Details of Documents Submitted					
		DD No			Date		
1	Cost of Tender Paper						
2	Earnest Money Deposit is Rs.50,000.00 in shape of Demand Draft						
3	Copy of Valid Manufacturing License of the tender item of the manufacturer / Import License by the Importer.			No		Page No	
4	Copy of Valid ISO certificate.			No		Page No	
5	Attested copy of Valid CE /US FDA certificate (as per Annexure-III B). (Wherever applicable)			No		Page No	
6	Attested Copy of Certificate in support of IEC certificate (As per Annexure – III B). (Wherever applicable)			No		Page No	
7	GST Registration certificate			No		Page No	
8	(A) The Original Tender Book with Conditions and the schedules signed by the tenderer at the bottom of each page with his official seal duly affixed.			No		Page No	
9	(B) Colour Leaflets, photographs & literatures relating to the product / item quoted and matching the specification of the tender in a tabular form.			No		Page No	
10	The declaration form in Annexure - I duly signed by the tenderer before Notary Public / Executive Magistrate.			No		Page No	
11	Details name, address, telephone no., Fax, e-mail of the manufacturer / authorized distributor / service centre / contract person / office in Odisha(Annexure - VI).			No		Page No	
12	Certificate duly filled by the Auditor / Chartered Accountant (as per Annexure-IV) that the average annual turnover of the tendering firm is Rs.1 (One) crore or more in each financial year for last preceding 3 (three) financial years.			No		Page No	
13	Certificate in support of service center in Odisha or undertaking to set up service center in Odisha within one month from the date of installation if approved (for those who have no service centers inOdisha).			No		Page No	
14	Checklist with detail of the documents enclosed in Cover “A” (as per Annexure - VII) with page number. The document should be serially arranged as per this Annexure - VII and should be securely tied and bound.			No		Page No	

COVER – B (PRICE BID)

1. PRICE PROPOSAL AS PER FORMAT AT ANNEXURE – II

MANUFACTURER’S AUTHORISATION FORMAT

To

The CDM & PHO Bargarh
Deptt. of Health & Family Welfare
Govt. of Odisha.

Ref: Tender No. _____ Dated _____ for _____.

Dear Sir,

We _____ who are established and reputed manufacturer’s of _____ (name and description of items offered) having factories at _____ (Address of Factory) do hereby authorize M/s _____ (Name and address of Distributor / Agent) to submit a bid and sign the contract with you against the above referred tender.

We also extend our full guarantee for the items quoted by M/s _____ as per the terms and conditions in your tender under reference above.

Yours faithfully,

Name of the Manufacturer
(Signature with seal)

Note: This letter of authority should be on the letter head of the manufacturer and should be signed by a person competent and having the power of attorney to bind the manufacturer. It should be included in the bid submitted by the tenderer if the tenderer is not the manufacturer.

(Refer Clause No. 11.1 to 11.7, 13.1)

WARRANTY / GUARANTEE UNDERTAKING
(to be submitted on Rs.50/- stamp paper)

Tender ref. No. _____

Name of the equipment:

Date of Installation:

Name of the Consignee:

Name of the purchaser:

I / we / M/s _____

_____ hereby declare that

- i. I / we do Accept / Agree for the warranty / guarantee (2 years Warranty followed by 3 years CMC only) as per this tender clause No. 11.1 to 11.4.
- ii. I / we will not charge / quote any extra price on account of the above said warranty / guarantee.
- iii. I / we do accept / agree to provide uptime guarantee 95% as per this tender clause No. 13.1.
- iv. The 5 year comprehensive warranty is valid from dt. _____ to dt. _____.
- v. The 3 year CMC is valid from dt. _____ to dt. _____.

Date:
authority

Place:

Signature of the competent

on behalf of the company / firm.

Seal of the firm.

N.B:1. To be attested by Notary Public

2. Only to be submitted by the approved supplier / tenderer to the consignee and a copy to the purchaser before release of payment.

UNDERTAKING

(to be submitted on Rs.50/- stamp paper)

Tender ref. No. _____ Due for opening on _____

Name of the equipment:

Date of Installation:

Name of the Consignee:

Name of the purchaser:

Sir,

I / we _____

hereby declare that

1. I / we am / are the manufacturers / authorized agents / distributors of _____.
2. I / we do accept / agree for the all clauses including the warranty 2 years by 3 years CMC) and payment terms and conditions of this tender.
3. I / we do hereby confirm that the prices / rates quoted are fixed and are at par with the prices quoted by me / us to any other Govt. of India / Govt. of Odisha Hospitals / Medical Institutions. I / we also offer to supply the stores at the prices and rates not exceeding those mentioned in the price bid.
4. I / we agree to abide by my / our offer for a period of 365 days from the date of approval of the tender.
5. I / we have necessary infrastructure for the maintenance of the equipment and will provide all the accessories / spares as and when required.
6. I / we also declare that in case of change of Indian Agent or for any other change, merger, dissolution solvency etc. in the organization of our foreign principles, we would take care of the Guarantee / warranty / maintenance of the machinery / equipment and have provided written confirmation for the same.
7. I / we shall provide assistance to the consignee in clearance and delivery of store at consignee's stores / premises.

8. The demurrage / storage charges, if any, payable to the customs department, due to non-receipt of required documents in time by the hospital / delay due to incorrect entries, mistakes to the documents etc. shall be borne by me / us.
9. I / we have carefully read and understood all the terms and conditions of the tender and shall abide by them.
10. I / we undertake to get the equipment's repaired within 48 hours of receiving of the complaint from the indenting hospital / consignee failing which a penalty @ 1% of the cost may be recovered from the performance security before releasing the same to us after 5 years.

Signature of the witness
Name & address

Signature of the Tenderer
Name & address

Dated

Seal of the firm.

N.B:1. To be attested by Notary Public

2. Only to be submitted by the approved supplier / tenderer to the consignee and a copy to the purchaser before release of payment.