

Office of the Chief District Medical & Public Health Officer, Keonjhar

e-mail: nrhmkeonjhar@gmail.com

Tender Reference No.4676

**TENDER DOCUMENT
FOR
SUPPLY & INSTALLATION
OF
EQUIPMENT, INSTRUMENT, FURNITURE
& OTHER ITEMS UNDER RATE CONTRCAT
BASIS FOR PERIOD OF ONE YEAR**

OFFICE OF THE CHIEF DICTRICT MEDICAL & PUBLIC HEALTH OFFICER -KEONJHAR

SECTION -I

NOTICE INVITING TENDER

Tender Reference No. : .4676

Dated: **31.10.2018**

TENDERS ARE INVITED FROM ELIGIBLE BIDDERS AS PER THE ELIGIBILITY CRITERIA FOR SUPPLY & INSTALLATION OF EIF & OTHER ITEMS.

1	Period of Availability of Tender Document	From 01.11.2018 TO 19.11.2018 (Downloadable from website: www.keonjhar.nic.in) In case of any bid amendment and clarification, responsibility lies with the bidders to collect the same from the above mentioned website before last date of submission of tender document and the tender inviting authority shall have no responsibility for any delay / omission on part of the bidder.
2	Date, time & place of Pre-bid meeting	Date : 06.11.2018 , Time : 11.30 AM Place : OFFICE OF THE ADPHO(FW), NHM ,KEONJHAR
3	Last date & time for submission of Tender	Date: 19.11.2018, Time: 05.00 PM Address of Submission of Bid: OFFICE OF THE CDM& PHO Dist. Head Quarter Hospital Keonjhar – 758001, Odisha. <i>(Through Speed post / Registered post / Courier Services only)</i>
4	Date, time and place of opening of Tender	a) Technical Bid (Cover A) opening 20.11.2018 at 11.00 am at the address mentioned above. b) Financial Bid (Cover B): <i>The date of opening of financial bid will be intimated to the firms found successful in the technical bid evaluation.</i> <i>(Venue is mentioned at the address mentioned above)</i> <i>(Bidders / authorized representative may remain present at the time of opening of bid)</i>

SECTION -II

IMPORTANT INSTRUCTIONS TO BE NOTED CAREFULLY BY THE TENDERERS

1.	Mode of Procurement	Through Open Advertisement. This is a Rate contract Tender, the rate of which will be valid for a period of one year from the date of finalization of rate contract. However, the approx. quantity requirement is mentioned in the Schedule of Requirement – Section IV. The purchase order shall be placed by the CDM & PHO as per the requirement.																																																																											
2.	Purchaser	CDM & PHO, Keonjhar																																																																											
3.	Consignee	DISTRICT HEAD QUARTER HOSPITAL,SDH,CHC & HWC																																																																											
4.	Delivery Period	Within 30 days from issue of the purchase order.																																																																											
5.	Mode of Delivery	By Air / Road / Rail																																																																											
6.	Guarantee / Warranty /CMC	Comprehensive warranty As per scheduled of the items the Warranty/CMC varies. As per annexure ---																																																																											
7.	Tender Document Cost	Rs.2,000/-+ 5%GST. The tender document cost is to be submitted in the shape of bank draft in favour of ZSS,NRHM-ADDITIONALITY, Keonjhar from any Nationalized / Scheduled Bank payable at Keonjhar.																																																																											
8.	Earnest Money Deposit (EMD) (The approx. no. of equipment is mentioned in the Schedule of requirement – Section IV)	<table border="1"> <thead> <tr> <th colspan="3">Schedule-I(Medical Device)</th> </tr> <tr> <th>Sl.No</th> <th>Name Of the Item</th> <th>EMD in Rs.</th> </tr> </thead> <tbody> <tr><td>1</td><td>Oxygen Concentrator</td><td>12000.00</td></tr> <tr><td>2</td><td>Basic Multipara Monitor(5parameter)</td><td>2000.00</td></tr> <tr><td>3</td><td>X-Ray Machine 500 mA high frequency With Motorized Bucky Table</td><td>14000.00</td></tr> <tr><td>4</td><td>Examination Lamp</td><td>1000.00</td></tr> <tr><td>5</td><td>Electric Drill</td><td>3000.00</td></tr> <tr><td>6</td><td>Pneumatic Torniquate</td><td>4000.00</td></tr> <tr><td>7</td><td>Sphygmomanometer Aneroid 300 mm with cuff</td><td>1500.00</td></tr> <tr><td>8</td><td>BP Apparatus (Digital)</td><td>0</td></tr> <tr><td>9</td><td>Baby resuscitation kit</td><td>0</td></tr> <tr><td>10</td><td>Adult intubation kit with laryngoscope with different size blade and different size endotracheal tube</td><td>1000.00</td></tr> <tr><td>11</td><td>Instrument for sterizer S.S (Medium)</td><td>0</td></tr> <tr><td>12</td><td>Glucometer with Strips & lancets</td><td>4000.00</td></tr> <tr><td>13</td><td>Intubating LMA</td><td>0</td></tr> <tr><td>14</td><td>Digital Thermometer</td><td>0</td></tr> <tr><td>15</td><td>Electrical Hub Cutter</td><td>0</td></tr> <tr><td>16</td><td>Ambu Bag (Paediatric size) with Baby mask</td><td>1000.00</td></tr> <tr><td>17</td><td>Fracture table</td><td>8000.00</td></tr> <tr><td>18</td><td>Plaster Table (Hip Spica)</td><td>4000.00</td></tr> <tr> <th colspan="3">Schedule-II(Surgical Instrument)</th> </tr> <tr><td>1</td><td>Instrument Set for MCH</td><td>6000.00</td></tr> <tr><td>2</td><td>Instrument Set for HWC</td><td>4000.00</td></tr> <tr><td>3</td><td>ENT Set</td><td>1000.00</td></tr> <tr><td>4</td><td>Trauma Set</td><td>1000.00</td></tr> </tbody> </table>	Schedule-I(Medical Device)			Sl.No	Name Of the Item	EMD in Rs.	1	Oxygen Concentrator	12000.00	2	Basic Multipara Monitor(5parameter)	2000.00	3	X-Ray Machine 500 mA high frequency With Motorized Bucky Table	14000.00	4	Examination Lamp	1000.00	5	Electric Drill	3000.00	6	Pneumatic Torniquate	4000.00	7	Sphygmomanometer Aneroid 300 mm with cuff	1500.00	8	BP Apparatus (Digital)	0	9	Baby resuscitation kit	0	10	Adult intubation kit with laryngoscope with different size blade and different size endotracheal tube	1000.00	11	Instrument for sterizer S.S (Medium)	0	12	Glucometer with Strips & lancets	4000.00	13	Intubating LMA	0	14	Digital Thermometer	0	15	Electrical Hub Cutter	0	16	Ambu Bag (Paediatric size) with Baby mask	1000.00	17	Fracture table	8000.00	18	Plaster Table (Hip Spica)	4000.00	Schedule-II(Surgical Instrument)			1	Instrument Set for MCH	6000.00	2	Instrument Set for HWC	4000.00	3	ENT Set	1000.00	4	Trauma Set	1000.00
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			Scheduled-III(Hospital Furniture)	
		1	Adjustable bed side table	5000.00
		2	IV Stand	
		3	Water Bed	
		4	Foot Step	
		5	Screen Separators with stand	
		6	Stool for attendants	
		7	Crash cart fully loded with BCLS medication	
			Schedule-IV(Laboratory items)	
		1	Dipsticks for urine test for protein and sugar (1 container of 25 strips)	2000.00
		2	Glass rods	
		3	Glass Slide box of 25 slides	
		4	H ₂ S strips test bottles for water testing	
		5	Kits for testing residual chlorine in drinking water	
		6	Slide drying rack	
		7	Specimen collection bottle(100/pack)	
		8	Spirit lamp	
		9	Test tube holding clamp	
		10	Test tubes(Box)	
		11	Tongue Depressor(wooden:100/pack)	
		12	Whole Blood Finger Prick HIV Rapid Test and STI Screening Test each(20-25)	
		<p>Note: The bidder may quote for any or all the equipment by submitting the required EMD for that EIF (Equipment, Instrument & Furniture) & Lab items.(equipment.</p> <p>The Earnest Money Deposit will be paid in the shape of demand Draft only in favour of ZSS,NRHM-ADDITIONALITY,Keonjhar from any Nationalised / Scheduled Bank payable at KEONJHAR</p> <p>EMD exemption is not permitted except to local SSI units registered in Odisha only as mentioned in Section – III Clause 23.5</p>		
9.	Performance Security	The selected firm should submit the performance security in shape of Bank Draft /Bank Guarantee, equal to the amount of 10 % of the purchase order value (excluding GST & CMC cost) of the items within 21 days of issue of the purchase order & the same will be returned back after completion of warranty period.		
10.	Pre-qualification (Eligibility Criteria)	Detail eligibility criteria is mentioned at Clause 2.1, 2.2 & 2.3 in Section -III		

SECTION -III

TERMS AND CONDITIONS FOR SUPPLY & INSTALLATION OF EIF & OTHER ITEMS

- 1.1 Sealed tenders will be received till **19.11.2018, Time: 05.00 PM** by the office of the CDM & PHO,Keonjhar. Any tender received after the due date & time will be rejected / returned to the sender unopened. **The tenders will be received through Regd. Post / Courier services / Speed Post.**
- 1.2.1 Pre-bid conference shall be held in the office chamber of ADPHO (FW) on dt.06.11.2018 at 11:30 A.M. The prospective bidders may attend and clarify any doubts on the terms & conditions and technical specification of the bid document.
- 1.3 The bidder(s) are to submit their tenders in **separate** sealed covered envelopes for **technical bid** and **commercial bid** by superscribing **Cover "A" (Technical Bid) & Cover "B" (Price Bid)** and both the sealed covers should be put into a **third outer Cover**, which should be superscribed as "Tender for supply & installation of EIF & Other Items" & Tender Reference No. _____.
- 1.4 The Sealed tenders "Cover A" (Technical Bid) submitted by the tenderers will be opened at the office of the CDM & PHO at 11.30 AM on 20.11.2018. The tenderer 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 are eligible to participate in the tender provided, they fulfill the following conditions:

- (i) Import License (In case of Importer only). In case of importers, they have to furnish the authorization from the manufacturer.
- (ii) Valid ISO certificate (of the Manufacturer)
- (iii) Product must be ISI/BIS /CE / US FDA etc. (valid ISI/BIS /CE /US FDA certificate) certified (As per **Section VI** - technical specification).
- (iv) Tenderer should have proof of supply of 50% of **the required quantity** (executed directly by manufacturer or through \importer /distributor) of the equipment(s)/similar equipments mentioned in the schedule of requirement mentioned in the schedule of requirement to any Govt. organization / Corporate Hospitals / PSU Hospitals / UN Agencies and purchase order copies in support of that in last 3 years. (As per format Annexure VII –(Itemwise)
- (v) Proof of annual average turnover for the (Manufacturers/Importer) of **Rs.3Crore or more for shcedul-I and Rs.2Crores or more for Schedule-II , III & IV** in the last three (3) financial years (2015-16,2016-17 & 2017-18) certified by the Chartered Accountant as per the format at **Annexure VI. Supported by audited balance sheet.**
- (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. Copies of stay order(s) if any against the blacklisting should be furnished along with the bid.

2.2 Authorized distributors are eligible to participate in the tender provided:

- (i) They submit manufacturer's authorization from original equipment manufacturer (OEM) as per the format at **Annexure - V.**
- (ii) They should have Proof of Average annual turnover of **Rs.2 Crores or more** for all schedule of requirement in last three (3) financial years (2015-16,2016-17 & 2017-18) as per Annexure VI. In addition to this, the distributor shall also submit the average annual turnover of the **manufacturer/importer** of the item(s) as mentioned in 2.1 (v) above.Suported with audited balance sheet.
- (iii) Proof of supply of the quoted item (s) (executed directly by manufacturer or through distributor) of the equipment(s)/similar equipments mentioned in the schedule of requirement to any Govt. organization /Corporate Hospitals / PSU Hospitals / UN Agencies and and purchase order copies in support of that in last 3 years. (Annexure VII-Item wise)
- (iv) The authorized distributor will submit the following documents in support of the manufacturer along with the tender:
 - a) Valid ISO certificate

b) CE / US FDA / IEC certificates of the manufacturer as per technical specification.

2.3 The tenderer have to submit the EMD(s) as mentioned in **Clause 8 of Section -II** & the Tender document cost.

DOCUMENTS TO BE SUBMITTED

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 Checklist with detail of the documents enclosed in **Cover "A"** (as per **Annexure - I**) with **page number**. The documents should be **serially arranged** as per this **Annexure - I** and should be securely tied and bound.
- 3.2 List of Item (s) Quoted with name of the Make & Model of the item (s) (**Annexure – II**)
- 3.3 Tender document fee of Rs.2, 000/- + **GST as applicable** in shape of Demand Draft .
- 3.4 Earnest Money Deposit(s) as mentioned in the **Clause 8 of Section -II** in shape of Demand Draft). Details of EMD and the name of the equipment quoted should be clearly mentioned.
- 3.5 Details name, address, telephone no., Fax, e-mail of the manufacturer / authorized distributor / service centre / contract person / office in Odisha (**Annexure - III**).
- 3.6 The declaration form in **Annexure - IV** duly signed by the tenderer before Notary Public / Executive Magistrate.
- 3.7 Manufacturer's Authorization Format in **Annexure –V** (In case the bidder is not the manufacturer). Importers are also required to furnish the authorization from the manufacturer.
- 3.8 Certificate duly filled by the Auditor / Chartered Accountant (as per **Annexure –VI**) that the annual average turnover of the firm is Rs.3 Crore for **Schedule-I** and Rs.2crore for **schedule-II,III & IV** or more in last 3 financial years - for bidders who are manufacturer/importer) OR annual average turnover of Rs.2 Crore or more in the last 3 (three) financial years for bidders who are authorized distributors of the manufacturer). The authorized distributor shall **also** submit the annual average turnover of the Manufacturer/importer along with his own turnover.(balance sheet has to be attached along with the turnover certificate of both incase)
- 3.9 Performance Statement (**Annexure - VII**) (**Item wise**) during the last three years towards proof of supply of similar equipments to any Govt. organization / Corporate Hospitals / PSU Hospitals / UN Agencies. The copy of Purchase orders and certificate from the user should be furnished in support of the information provided in the performance statement (Item wise)
- 3.10 Deviation/No Deviation Statement from Technical Specification & details of technical specification of the product (**Annexure-VIIIA & B**)
- 3.11 Leaflet/Technical Brochures of the product/item offered.
- 3.12 Copy of Import License by the Importer (in case of Importer).
- 3.13 Copy of Valid ISO certificate.
- 3.14 Copy of Valid ISI / CE /US FDA certificate (as per Section V - Technical Specification).

- 3.15 Copy of Certificate in support of IEC certificate (as per Section V-Technical Specification).
- 3.16 Copy of the GST registration certificate.
- 3.17 The Original Tender Booklet with Conditions and the schedules signed by the tenderer at the bottom of each page with his official seal duly affixed.
- 3.18 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).

N.B: Valid means the certificate should be valid on or beyond the date of opening of tender (Cover-A).

COVER – B (PRICE BID)

- 4. The price to be quoted for EIF & Other Items should be sent in the prescribed price format in a separate sealed cover hereafter called **Cover “B” (Price Bid)**.

Cover –B (Price Bid) of the tenderers who qualify in it’s Technical Bid (Cover – A) and complies to tender specification & find to be as per technical specification and Product demonstration (if required) will only be opened .

- 4.1 The tender format (Price Schedule) in duplicate in the prescribed form (as per **Annexure – IX**), must be submitted in Cover-B. The price of the item should be quoted inclusive of excise duty, insurance, packing, forwarding, freight (door delivery) and warranty (As per Schedule of requirement **Section-IV**) for 3 years. The price of CMC for 3 years (As per ScheduleIV), turnkey job (accessories if any for installation), GST & other charges (if any) should be quoted 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.**
- 4.2 The Cover “B” of tenderers who qualifies in their technical bid, will only be opened at the office of the CDM & PHO, Keonjhar - date & time which will be intimated to them by CDM & PHO, Keonjhar.

REJECTION OF TENDER

- 5. The tender submitted by the bidder will be rejected, if any of the following documents are wanting / not submitted with the tender:
 - (i) Import License (In case of Importer)
 - (ii) Manufacturer’s authorization in case of distributor/importer
 - (iii) Earnest Money Deposit (EMD).
 - (iv) Annual average turnover of the firm is Rs.3 Crore for schedule-I and Rs.2Crores for Schedule-II,III & IV or more in last 3 financial years (for bidders who are manufacturer/importer) **OR** annual average turnover of Rs.2 Crores or more in the last 3 (three) financial years (for bidders who are authorized distributors of the manufacturer). In case of authorized distributor, they will also have to furnish alongwith their own turnover, the Annual Average turnover statement as per Annexure–VI from the Manufacture/Importer of the item(s) as mentioned above.(balance sheet year wise)
 - (v) Valid ISO certificate of Manufacturer
 - (vi) Valid ISI / CE / US FDA certificate of the manufacturer as per Section VI – Technical Specification.

- (vii) Proof of supply/ installation of the quoted item (executed directly by manufacturer or through importer or through distributor) of the equipment(s)/similar equipments mentioned in the schedule of requirement to any Govt. Organization / Corporate Hospitals / PSU Hospitals / UN Agencies and certificate in support of that from the user during the last three years.
- (viii) Major deviations from the technical specification of the item(s) as per tender specification.
- (ix) Price bid / quoted rate with signature and seal (Hard Copy).
- (x) Copy of the GST registration certificate

EARNEST MONEY DEPOSIT

- 6.1 The amount of Earnest Money Deposit required is mentioned in the Section-II. The Earnest Money Deposit will be submitted in the shape of **demand Draft only** in favour of **NRHM Additionality, Keonjhar** from any Nationalized / Scheduled Bank payable at KEONJHAR.
- 6.2 The EMD of the unsuccessful tenderers will be returned back without interest after placement of purchase order to the successful tenderer and EMD of successful tenderer will be returned after submission of performance security .
- 6.3 The EMD will be forfeited if the tenderer withdraws its tender / furnish forged documents which is found during bid evaluation OR doesn't sign the contract / doesn't furnish performance security / doesn't supply the items (in case of successful bidder) within the stipulated time period.

PERFORMANCE SECURITY & AGREEMENT

- 7.1 The performance Security should be submitted in shape of Bank Draft/Bank Gurrantee from a Nationalised / Scheduled Bank in favour of Chief District Medical Officer equal to the amount of 10% of the purchase order value of the item (excluding cost of CMC & GST) within 21 days of issue of the purchase order.
- 7.2 The agreement (**as per Annexure – X**) will be signed between the supplier and the purchaser and will be kept by the purchaser.
- 7.3 The performance Security Money will be returned back to the tenderer **without interest** after the expiry of the warranty period i.e. three years after the date of installation & signing of the CMC agreement.
- 7.4 Security money will be forfeited if there is any violation of the tender terms and conditions.

TENDER CONDITIONS :

- 8.1 The details of the EIF & Other Items with specifications are mentioned in **Section VI. The firm must clearly mention their specification, special features, upgraded version (if any), detail technical catalogue of the offered model 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 inclusive of customs duty, packing, forwarding, and insurance, transportation charges with 3 years onsite comprehensive warranty (As applicable Item Wise) and exclusive of GST should **be quoted for the EIF & Other**

Itemss (Item wise) on door delivery basis. The turnkey job (cost of accessories if any required for Installation/Commissioning), 3 year CMC(As applicable item wise) cost & GST should be mentioned in separate columns. The rates quoted should be in **Indian Rupees only**. Rates quoted in any other currency will not be accepted.

- 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 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 scheduled 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 revising the price at any stage so as to confirm to the controlled price or MRP as the case may be deleted.
- 8.10 No tenderer shall be allowed at any time on any ground whatsoever to claim revision 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.
- 8.11 If at any time during the period of rate 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 purchaser immediately about such reduction in the contracted price. The purchaser 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.
- 8.12 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.
- 8.13 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 three (3) years.
- 8.14 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-IX). The tenderer shall not quote the rate for any item other than the item specified in the list. (**Section V – Schedule of Requirement**).
- 8.15 Both Cover-A and Cover-B should have an **index and page number** of all the documents submitted inside that cover.

8.16 The GST will be charged as per the guidelines given by the Finance Dept., Govt. of Odisha from time to time. GST (as applicable) will be paid to the supplier. In case of Entry GST, the supplier has to deposit the original receipt to claim it, if finished goods are brought from outside the State. The Sales GST & entry GST components should be shown **separately** in the Price Schedule

8.17 The requirement of items may increase or decrease depending on the situation.

PACKAGING :

9.1 All the packaging should be 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 any limitation including rough handling during transit, exposure to extreme temperature, salt and precipitation during transit and upon storage.

TURNKEY:

10.1 The electrical power supply point will be provided by the purchaser at the room where the equipment will be installed but the wiring and electrical fittings inside the room and accessories if any required for installation & commissioning of the equipment from the power supply point to the point of actual installation or any other civil work required for installation of the equipment will be provided by the supplier without any extra cost (apart from the cost mentioned under turnkey in the Price schedule which should include the cost of all such requirement).

COMPREHENSIVE WARRANTY & CMC :

(Undertaking as per Annexure – XI & XII)

11.1 The comprehensive warranty will remain valid for **3 years** from the date of installation & commissioning of the equipment. The original copy of warranty documents will be submitted to the purchaser at the time of installation. Warranty applicable for items as listed in schedule of requirement (Section –IV).

11.2 The warranty will cover **all the parts of the machine or item and any replacement or repair required** within the warranty period and 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 shall warrant 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 shall further warrant 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 three (3) 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 one (**1**) preventive maintenance in every **six months** in a year during the period of CMC. The CMC is applicable to the items as mentioned in schedule of requirement (Section-IV).

11.5 **The selected firm should have a service centre in Odisha.**

11.6 All the warranty certificates must be handed over to the consignee after installation.

TRAINING & OPERATIONAL MANUAL:

12.1 The firm / supplier will provide hands on training to two doctors and two technicians in his own cost for operating / handling the EIF & Other Items(s) at the time of installation of equipment.

12.2 The supplier / firm will provide the operation / maintenance manuals of all equipments to the purchaser 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 3 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 supplier must undertake to supply all spares for optimal upkeep of the equipment for **THREE YEARS** after installation. If accessories / other attachment of the system are procured from the third party, then the supplier 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 purchaser 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.

LABELLING :

16.1 The equipment supplied must be properly labelled with Sl. No., Model Name, Make & year of Manufacture

ACCEPTANCE OF TENDER AND SUPPLY CONDITIONS:

17.1 The Purchaser 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 Purchaser 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 completed within 30 days** from the date of issue of purchase order unless otherwise specified. If no supply is received even after 58 days with liquidated damage from the date of issue of the purchase orders 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 21.2. The approved firm shall also suffer forfeiture of the EMD and Performance Security Deposit.

17.4 The tender inviting authority or his authorised 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 price bid of the tenders who qualify in the technical bid fulfilling the eligibility criteria and complying to the technical specification **shall only be opened.**

18.2 The tender inviting authority may ask for demonstration of the equipment by the bidders at the premises of the tender inviting authority or a place as decided by the tender inviting authority as a part of the technical evaluation before opening of price bid in order to verify the compliance to technical specification.

18.3 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 EIF & Other Itemss will be taken after inclusion of the customs duty, transportation, insurance, packing & forwarding & comprehensive warranty for three (3) years, cost of turnkey (cost of accessories if any for installation/commissioning) & CMC for for next three(3) years but excluding GST

b) The cost of the EIF & Other Itemss (excise duty / customs duty, transportation, insurance, packing & forwarding & comprehensive warranty for three (3) years but excluding GST), cost of turnkey (cost of accessories if any for Installation & Commissioning with all GSTes for turnkeys) & cost of CMC for next three(3) years after warranty will be added for evaluation.

LIQUIDATED DAMAGE :

- 19.1 The CDM & PHO may allow extension for a maximum period of 4 (four) weeks (28 days), after the stipulated date of supply (i.e. 30 days) with a penalty of 0.5% which will be deducted from the purchase order value as "Liquidated Damage", for each week (7 days) of delay 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. 58 days after being allowed by the purchaser, no further purchase order will be placed to the firm for the said item including forfeiture of the Performance security 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 EIF & Other Items or turnkey job will be made to the tenderer.
- 20.2 90% of the cost of the equipment (excluding CMC Cost) + 100% turnkey job + 100% GST 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.
- 20.3 Payments as mentioned above will only be made after keeping the **performance security deposit** from the supplier as per clause no. 7.1, if they have not deposited the same before. Payment will only be made after ensuring signing of the Agreement, undertaking and handing over of warranty papers of equipment and turnkey jobs by the supplier to the purchaser.
- 20.4 No claims shall be made against the purchaser in respect of interest on earnest money deposit or performance security deposit or any delayed payment or any other deposit.
- 20.5 Payments in shape of Draft / Pay Order will preferably be despatched 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.
- 20.6 The payment of CMC will be made on a **six monthly basis**, after completion of warranty period and signing of the CMC agreement.

PENALTIES :

- 21.1 If the successful tenderer fails to deposit the required performance security within the time specified or withdraws his tender after acceptance of his tender owing to any other reasons or unable to undertake the contract, his contract will be cancelled and the earnest money deposit / performance security deposit shall stand forfeited by the purchaser.
- 21.2 Violating the tender terms and conditions & non supply / supply which is not as per technical specification 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 & performance 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 High Court of Odisha.

INSPECTION/TESTING :

- 22.1 The selected supplier shall have to arrange for demonstration of the equipment at the supply point. The purchaser or its nominated representative(s) shall inspect and test the equipments at the supply point to check their conformity to the specifications and other details incorporated in the contract.

CONDITIONS APPLICABLE TO LOCAL MSEs / SSI OF ODISHA:

The MSE / SSI Units of the State of Odisha will be given the following preferences in the tenders provided they produce the following documents as per MSME Development Policy-2009 and IRP - 2007:

- 23.1 Attested copy of valid manufacturing licence.
- 23.2 P.M.T Certificate from the Director of Industries, Odisha or General Manager District Industries Centre that it is a MSE / SSI Units of the State of Odisha, provided that MSE / SSI units has not been derecognised by the Govt. for that specified period.
- 23.3 Local Micro & Small Scale Enterprises (MSE) and Khadi & Village industrial units including handloom and handicrafts will enjoy a price preference of 10% vis-à-vis over local medium and large industries as well as industries outside the State. Local Micro & Small Scale Enterprises having ISO, ISI,CE Certification for their product shall get an additional price preference of 3% as per provision of IPR-2007.
- 23.5 Local MSEs registered with respective DICs, Khadi, Village, Cottage and Handicraft Industries, OSIC, NSIC shall be exempted from payment of earnest money and shall pay 25% of the prescribed performance security deposit.
- 23.6 Clause number 1 to 22 is also applicable to the Small Scale Industry Units of the State of Odisha.

SECTION –IV

SCHEDULE OF REQUIREMENT

Sl.	Name of Equipment	Total Quantity	Warranty & CMC Applicable (Yes/No)	Palce OF Supply/Installation
Schedule-I(Medical Device)				
1	Oxygen Concentrator	15	Yes	
2	Basic Multipara Monitor	1	Yes	
3	x-ray machine 500mA	1	Yes	
4	Examination lamp	2	Yes	
5	Electric Drill	1	Yes	
6	Pneumatic Tourniquet	2	Yes	
7	Sphygmomanometer	20	Yes	
8	BP Apparatus Digital	4	Yes	
9	Baby Resuscitation Kit	2	No	
10	Adult Laryngoscope	2	Yes	
11	Instrument Sterilizer	1	Yes	
12	Glucometer With Strip	100	Yes	
13	Intubating LMA	1		
14	Digital Thermometer	10	Yes	
15	Electric Hub Cutter	10	Yes	
16	Ambu Bag (baby)	20	No	
17	Fracture Table	1	Yes	
18	Plaster table	1	Yes	
Schedule-II(Surgical Instrument)				
	Instrument For MCH	2	Yes	
	Instrument For HWC	4	Yes	
	ENT Set	1	Yes	
	Trauma Set	1	Yes	
Schedule-III (Hospital Furniture)				
1	Adjustable bed side table	8	Only Warranty ,NO CMC	
2	IV stand	10		
3	Water Bed	8		
4	Foot Step	2		
5	Screen Separator with stand	2		
6	Stoll for attendants	16		
7	Crash cart fully Loaded with BCLS medication	1		
Schedule-IV(Laboratory items)				
1	Dipsticks for urine test for protein and sugar (1 container of 25 strips)	20	No Warranty ,No CMC	
2	Glass rods	20		
3	Glass Slide box of 25 slides	20		
4	H ₂ S strips test bottles for water testing	20		
5	Kits for testing residual chlorine in drinking water	20		

6	Slide drying rack	20		
7	Specimen collection bottle(100/pack)	20		
8	Spirit lamp	20		
9	Test tube holding clamp	20		
10	Test tubes(Box)	20		
11	Tongue Depressor(wooden:100/pack)	20		
12	Whole Blood Finger Prick HIV Rapid Test and STI Screening Test each(20-25)	20		

SECTION –V
TECHNICAL SPECIFICATION

1.Schedule-I(Medical Device)

1.Oxygen Concentrator

GMDN name-Oxygenators

GENERAL

1. USE

1.1 Clinical purpose -: To concentrate oxygen (O₂) from ambient air and deliver the concentrated O₂, typically through an attached nasal cannula, to a patient requiring oxygen therapy.

1.2 Used by clinical department/ward-SNCU/NICU/Ward

TECHNICAL

2. TECHNICAL CHARACTERISTICS

2.1-Technical characteristics (specific to this type of device)-

1. Flow rate: 0-5 LPM, Oxygen purity > 93%.
2. O₂ delivery pressure: minimum: 0.03 to 0.07Mpa (4.35-10.15 PSI)
3. Atomising pellet (ml/min.) > 0.5, uninterrupted flow of oxygen,
4. Low pressure alarm, high pressure alarm and power failure alarm .The unit should have inbuilt Oxygen sensing device (OSD) to monitor the purity of produced oxygen.
6. Unit capable for supplying oxygen to two outlets simultaneously using two independent flow meters. (0-5LPM of each flow meter)

2.2 Settings- Should be capable of providing minimum 12 hours of continuous operation

2.3 User's interface-front panel access to reset switch

2.4 Software and/or standard of communication (where ever required)-NA

2.5 Others

3. PHYSICAL CHARACTERISTICS

3.1 Dimensions (metric)-Max spec: 640 mm (H) x 410 mm (W) x 410 mm (D)

3.2 Weight (lbs, kg)-max 30 Kg.

3.3 Configuration-NA

3.4 Noise (in dBA)-<50 db

3.5 heat dissipation-Heats dissipated using an internal exhaust, so that a maximum of 36.5 degree C is maintained

3.6 Mobility, portability-Yes. Provided with easy maintenance wheels for free movement.

4. ENERGY SOURCE (electricity, UPS, solar, gas, water, CO₂)

4.1 Power Requirements-230 +/- 10% VAC, 50 Hz, 2 amps

4.2 Battery operated-NA

4.3 Tolerance (to variations, shutdowns)-fuse controlled variation, automatic switch over from AC to DC and vice versa

4.4 Protection-OVP, earth leakage protection

4.5 Power consumption-<500 Watts

4.6 Other energy supplies-

5. ACCESSORIES, SPARE PARTS, CONSUMABLES

5.1 Accessories (mandatory, standard, optional)-

Humidifier Bottles (-4nos, power cord- 1no

5.2 Spare parts (main ones)-

5.3 Consumables / reagents (open, closed system)-Nasal Cannula with extension tubing-2 nos; Gross particle cabinet filter, compressor intake filter and bacterial filter of 0.8-1.0 micron; geolite crystal.

6. ENVIRONMENTAL AND DEPARTMENTAL CONSIDERATONS

6.1 Atmosphere / Ambiance (air conditioning, humidity, dust ...)- Capable of being stored continuously in ambient temperature of 0 to 50 deg C and relative humidity of 15 to 90%.Capable of operating continuously in ambient temperature of 10 to 40 deg C and relative humidity of 15 to 90%.

6.2 User's care, Cleaning, Disinfection & Sterility issues-Complete unit to be easily washable and sterilizable using both alcohol and chlorine agents.

7. STANDARDS AND SAFETY

7.1 Certificates (pre-market, sanitary, ..);Performance and safety standards (specific to the device type)-

CE(from notified body) or US FDA approved and company should be ISO 13485 certified; and shall meet IEC 60601-1, IEC 60601-1-2 standard requirements; and compile with ISO 15001-2010,

8. TRAINING AND INSTALLATION

8.1 Pre-installation requirements: nature, values, quality, tolerance-Availability of 5 amp/15 Amp. Electrical socket (2 nos) for each Oxygen concentrator

8.2 Requirements for sign-off-Certificate of Calibration and inspection from the factory.

8.3 Training of staff (medical, paramedical, technicians)-user training manual required

8.4 Others-List of important spare parts and accessories with their part number and costing

9. WARRANTY AND MAINTENANCE

9.1 Warranty-3 years

9.2 Maintenance tasks- maintenance manual detailing complete maintaining schedule

9.3 Service contract clauses, including prices-warranty of one year with free servicing (min. 3) during warranty

9.4 Others-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

10. DOCUMENTATION

10.1 Operating manuals, service manuals, other manuals-Yes

10.2 Other accompanying documents-to be supplied

10.3 Recommendations for maintenance-User/Technical/Maintenance manuals to be supplied in English

10.4 Others-

11. NOTES

11.1 Service Support Contact details (Hierchy Wise; including a toll free/landline number)-Any Contract (AMC/MC/add-hoc) to be declared by the manufacturer

11.2 Recommendations or warnings-Any recommendations for best use and supplementary warning for safety should be declared

2.Basic Multipara Patient Monitor

GMDN name-Patient monitors/monitoring systems

GENERAL

1. USE

1.1 Clinical purpose:-

Designed to continuously measure and display multiple vital physiological parameters of adult, paediatric, newborn and premature infants, especially those under critical care.

1.2 Used by clinical department/ward- OT

1.3 Overview of functional requirements-

Operates from mains voltage or from internal rechargeable battery. Operator can set audio visual alarm levels for low or high levels of each parameter independently. Allows display of single, 5

lead ECG or simultaneous display of at least 3/4 waves ECG selected from up to 12 points. Display to be digital of all active parameters and trace display for at least three selectable parameters. Continuous display on screen of Adult, paediatric, neonatal And infant ECG, respiration and heart rates non-invasive blood pressure, Skin temperature and SpO2.

TECHNICAL

2. TECHNICAL CHARACTERISTICS

2.1 Technical characteristics (specific to this type of device)-

1. Should have facility for printing ECG at 25mm/sec and 50mm/sec speed.
2. Should have facility for charging from both 12V DC & 220V AC.
3. Should be supplied with
 - i. Pulse oximeter probe (Adult -1no& Paediatric -1no, neonate Y sensor-1no)
 - ii. ECG cable -5 lead (Adult, Paediatric and Infant)
 - iii. Temperature probe (skin-1no for neonate, skin-1no for Adult)
 - iv. NIBP (non-invasive blood pressure) (4sizes Adult, paediatric neonate and infant)

The material of the probe should be such that it is non-breakable and biocompatible

4. Capable of saving data for min 24 hrs
5. Rates for consumables should be offered in price bid

The monitor should have pulse oximeter module (Massimo Set/Nellcor Oximax) which must work on motion and in low perfusion condition.

Monitor should have capability for arrhythmia analysis facility.

Accuracy of Monitoring Parameters: Should meet standard requirement for neonates and infants monitoring including adult and paediatric patients.

The unit should be defibrillator protected

Pacemaker Detection facility should be possible.

2.2 Settings-User operated 1mV ECG test marker function required (.....)

2.3 User's interface-Manual (touch screen or remote operated not mandatory)

2.4 Software and/or standard of communication-Audio Visual alarms required: high and low levels for each parameter (operator variable settings), sensor / wire / probe disconnected, low battery

3. PHYSICAL CHARACTERISTICS

3.1 Dimensions (metric)-Screen size minimum: 12"

3.2 Weight (lbs, kg)-<NA

3.3 Configuration-Case is to be hard and splash proof. Display must allow easy viewing in all ambient light levels. Cable connectors to be designed so as fit correct socket only

3.4 Noise (in dBA)-<50 dB; Lead disconnection Alarm > 65 dB

3.5 heat dissipation-Should maintain nominal Temp and the heat should be disbursed through a exhaust cooling fan

3.6 Mobility, portability-Supplied in protective case for clean storage and safe transport. Facility for wall mounting.

4. ENERGY SOURCE (electricity, UPS, solar, gas, water, CO2)

4.1 Voltage (value, AC or DC, monophasic or triphasic)-220 to 240V, 50 Hz

4.2 Battery operated-Battery charger to be integral to mains power supply, and to charge battery during mains power operation of unit. Battery powered, silence able alarm for power failure. Internal, replaceable, rechargeable battery allows operation for at least one hour in the event of power failure.

4.3 Tolerance (to variations, shutdowns)-Voltage corrector / stabilizer to allow operation at $\pm 30\%$ of local rated voltage.

4.4 Protection-Electrical protection provided by fuses in both live and neutral supply lines

4.5 Power consumption-<NA

4.6 Other energy supplies-Mains cable

5. ACCESSORIES, SPARE PARTS, CONSUMABLES

5.1 Accessories & Spares-

1- 5 lead ECG cable.

2 packs of 100 disposable ECG connection electrodes.

3- Reusable SpO₂ neonate & adult probes 1 from each

4- Three nos of NIBP cuffs of each sizes adult, paediatric neonate.

5-One skin & one rectal temperature probes.

6-Provide wall mounting bracket for wall mounting.

5.2 Consumables / reagents (open, closed system)-

6. ENVIRONMENTAL AND DEPARTMENTAL CONSIDERATIONS

6.1 Atmosphere / Ambiance (air conditioning, humidity, dust ...)-Capable of being stored continuously in ambient temperature of 0 to 50 deg C and relative humidity of 15 to 90%. Capable of operating continuously in ambient temperature of 10 to 40 deg C and relative humidity of 15 to 90%.

6.2 User's care, Cleaning, Disinfection & Sterility issues-Complete unit to be easily washable and sterilizable using alcohol and other chemical agents.

7. STANDARDS AND SAFETY

7.1. Certifications-

1.USFDA and CE(From Notified Body) and BIS/ISO 13485:2003;

2. IEC-60601-1-2:2007; IEC 60601-1-8-2006; IEC 60601-1-SER-Ed 1.0-2011;

3. IEC/TRF 60601-1-8 Ed4.0-2010; ISO 13485; ISO 80601-2-56-2009 (Thermometer); ISO 80601-2-61-2011 (SpO₂)

8. TRAINING AND INSTALLATION

8.1 Pre-installation requirements: nature, values, quality, tolerance-Supplier to perform installation, safety and operation checks before handover.

8.2 Requirements for sign-off-Supplier to perform installation, safety and operation checks before handover. Local clinical staff to affirm completion of installation

8.3 Training of staff (medical, paramedical, technicians)-Training of users in operation and basic maintenance shall be provided.

8.4 Others-

9. WARRANTY AND MAINTENANCE

9.1 Warranty-3 years

9.2 Maintenance tasks- maintainance manual detailing complete maintaining schedule

9.3 Service contract clauses, including prices-warranty of 3 years with free servicing (min. 3/year) during warranty

9.4 Others-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.

10. DOCUMENTATION

10.1 Operating manuals, service manuals, other manuals-

Advanced maintenance tasks required shall be documented User, technical and maintenance manuals to be supplied in English language. List to be provided of equipment and procedures required for local calibration and routine maintenance

10.1 Other accompanying documents-List to be provided of important spares and accessories, with their part numbers and cost. Certificate of calibration and inspection to be provided.

11. NOTES

11.1 Other information-Contact details of manufacturer, supplier and local service agent to be provided

11.2 Recommendations or warnings-Any warning signs would be adequately displayed

3.500 mA X-Ray Machine(HF)

GENERAL

1. USE

1.1 Clinical purpose: Radiography of the bones and fractures and other arthropathies. X- Ray Chest for the supportive diagnosis of the Pulmonary Tuberculosis - Ray Pelvis (KUB) for renal disorders and stones. Sinusitis, Fractures of the Skull. Cardiac diseases and cardiac enlargement. Silicosis and other respiratory conditions, like Pleural effusion,, hydrothorax, Pneumothorax. Peritonitis by X-Ray abdomen.

1.2 Used by clinical department/ward:Radiology Department

TECHNICAL

2. TECHNICAL CHARACTERISTICS

2.1 Technical characteristics (specific to this type of device)

High frequency X-Ray machine suitable for general radiography.

X-RAY GENERATOR:

- High Frequency X-Ray Generator having frequency of 50KHz or more should be provided.
- Power output of generator should be 50KW.
- Radiographic KV Range should be 40 to 125KV.

- mA Range (Rad.): 500mA or more.
- Exposure time (Rad.): 1ms to 3Sec.
- mAs Range (Rad.): 1 to 200mAs.

CONTROL:

A very compact, Soft Touch Control Panel having following functions & indications should be provided. The panel can be supplied in Floor or Wall mount with Spill Proof design.

Following features should be available on the control panel.

- Machine ON/OFF Switch.
- Digital Display of KV & mAs.
- KV & mAs increase and decrease switches.
- Tube focal spot selection Switch.
- Ready and X-Ray on switch with Indicators
- Bucky Selection Switch.
- Self-diagnostic Programme with Indicators for Earth fault error, KV error, filament error & Tube's Thermal Overload.
- Anatomical Programming Radiography (i.e. APR) should have Preprogrammed parameters of human Anatomy Up to 216 programs which helps the user to select exposure parameters based on body part,
- Examination view and size of the patient.

2.1 Technical characteristics (specific to this type of device)

A dual action hand switch with retractable cord should be provided for Radiation Protection of Operator. There should be provision for a cordless Exposure switch also.

There should be provision of auto shut off of Control if no key is pressed for 10Min.

X-RAY TUBE:

- Two Nos. Dual focus Rotating Anode X-Ray tube thermally protected
- Anode heat storage capacity of tube should be more than 140KHU.
- Two Pair of 8 meter H.V. Cable.
- Two Nos. Collimator with auto shut off facility should be provided.

HV TANK:

A very compact H.V. Tank filled with high dielectric transformer oil should be provided. The H.V. Tank should contain H.V. transformer, Filament Transformers, H.V. Rectifiers & H.V. Cable receptacles.

TUBE STAND:

Floor to Ceiling Stand with Counter Balanced Tube Head (Rotatable ± 180 Degree), 360 Degree Rotatable; mounted on Floor Ceiling Rails for convenient movements should be provided.

2.1 Technical characteristics (specific to this type of device)

TABLE:

Motorized table should have motorized bucky consisting of bucky grid of size 17 ¼" x 18 7/8" ratio 8:1, 85 lines/inch. Spot Film Device (semi automatic) capable of doing all routine spot filming (4 on 1, 2 on 1, 1 on 1) for use with 8" x 10", 10" x 12", 14" x 14" cassettes. Grid size 15" x 15", 6:1 ratio, 103 lines per inch.

Compression movement of spot film device is motorized.

VERTICAL BUCKY STAND:

- Vertical Bucky Stand with oscillating Grid of Ratio 8:1, 85 lines/inch is provided.
- The Bucky moves up & down & is equipped with a stainless steel cassette tray.
- The stand is floor-mounted type & can accommodate cassettes up to 14" X 17". The Bucky is tilted in 6 steps of 15 degree Angle each for various Radiographs.

2.2 User's interface manual

2.3 Software and/or standard of communication(where ever required) In built

3. PHYSICAL CHARACTERISTICS

3.1 Dimensions (metric) NA

3.2 Weight (lbs, kg) NA

3.3 Configuration NA

3.4 Noise (in dBA) Noise-free system

3.5 Heat dissipation Heat Dissipation: Should maintain nominal Temp and the heat should be disbursed through a cooling mechanism

3.6 Mobility, portability Stationary Installation

4. ENERGY SOURCE (electricity, UPS, solar, gas, water, CO2)

4.1 Power Requirements Power supply: 230V, AC, 50Hz. 15 Amps ,three phase, Line resistance < 0.4 ohms

4.2 Battery operated no

4.3 Tolerance (to variations, shutdowns) line regulation of $\pm 10\%$.

4.4 Protection NA

4.5 Power consumption ??????

5. ACCESSORIES, SPARE PARTS, CONSUMABLES

5.1 Accessories (mandatory, standard, optional); Spare parts (main ones); Consumables / reagents (open, closed system)

Machine should be supplied with following transducers:-

1. 2 No. BARC Approved whole body lead apporns with all attachments.

6. ENVIRONMENTAL AND DEPARTMENTAL CONSIDERATIONS

6.1 Atmosphere / Ambiance (air conditioning, humidity, dust ...)

1) Operating condition: Capable of operating continuously in ambient temperature of 5 to 50 deg C and relative humidity of 15 to 80% in ideal circumstances.

2) Storage condition: Capable of being stored continuously in ambient temperature of 0 to 50 deg C and relative humidity of 15 to 90%.

6.2 User's care, Cleaning, Disinfection & Sterility issues

1) Disinfection: Parts of the Device that are designed to come into contact with the patient or the operator should either be capable of easy disinfection or be protected by a single use/disposable cover

2) Sterilization not required.

7. STANDARDS AND SAFETY

7.1 Certificates (pre-market, sanitary, ..); Performance and safety standards (specific to the device type); Local and/or international

1. Should be FDA/ European CE/BIS approved product.

2. Manufacturer and Supplier should have ISO 13485 certification for quality standards.

3. Electrical safety conforms to the standards for electrical safety IEC 60601-

1-General requirements (or equivalent BIS Standard)

5. Shall meet internationally recognized standard for Electromagnetic Compatibility(EMI/EMC) for electromedical equipment: 61326-1.

6. Certified to be compliant with IEC 61010-1-3, IEC 61010-1-2, IEC 61010-2-54, IEC 61010-1-6 and IEC 62304

7. AERB type approved

7.2 Local and/or international Manufacturer / supplier should have ISO 13485 certificate for quality standard.

8. TRAINING AND INSTALLATION

8.1 Pre-installation requirements: nature, values, quality, tolerance: Three phase stable power supply

8.2 Requirements for sign-off Certificate of calibration and inspection of parts from the manufacturer

8.3 Training of staff (medical, paramedical, technicians)

1) Training of users on operation and basic maintenance;

2) Advanced maintenance tasks required shall be documented

9. WARRANTY AND MAINTENANCE

9.1 Warranty 3 years

9.2 Maintenance tasks CMC 5 years

2 PM Visits Annually.

All Breakdown calls to be attended within 24 hrs of registartion.

9.3 Service contract clauses, including prices

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;

10. DOCUMENTATION

10.1 Operating manuals, service manuals, other manuals Should provide 2 sets(hardcopy and soft-copy) of:-

- 1) User, technical and maintenance manuals to be supplied in english/hindi language along with machine diagrams;
- 2) List of equipment and procedures required for local calibration and routine maintenance;
- 3) Service and operation manuals (original and copy) to be provided;
- 4) Advanced maintenance tasks documentation;
- 5) Certificate of calibration and inspection

10.2 Other accompanying documents

List of essential spares and accessories, with their part numbers and cost;

11. NOTES

11.1 Service Support Contact details (Hierarchy Wise; including a toll free/landline number)

Contact details of manufacturer, supplier and local service agent to be provided;

Any Contract (AMC/CMC/add-hoc) to be declared by the manufacturer;

11.2 Recommendations or warnings Any warning signs would be adequately displayed

4. Examination Lamp

Examination lamp

AME AND CO DING

GMDN name Shadow less lamp standing model

GMDN code NA

GENERAL

1 USE

1.1 Clinical purpose : Luminescence shadow less lamp adopts light sources different positions for focus to eliminate shadows of different parts of medical workers.

1.2 Used by clinical department/ward : PICU/SNCU

1.3 Provides clear and cool light to operating area Minimizes shadows and distortion of colour Mounted on

mobile base Single head must be easily moved by operator to direct light to required area Integral rechargeable

battery for operation without mains electricity

TECHNICAL

2 TECHNICAL CHARACTERISTICS

2.1 Technical characteristics (specific to this type of device)

1. Colour temperature to be between 3,000 and 5,000 K; shadow less.

2. Maximum illumination level at 1m distance to be at least 60,000 lux.

3. Colour rendering index to be 93 or greater.

4. Minimum bulb life required 20,000 hrs (LED type).

5. Field diameter required | | 16cm, field depth required | | 50cm.

6. Focal length required | | 65 cm.

7. Heat to light ratio to be ≤ 6 mW/m².lx.

8. Brightness control to allow full adjustment from zero to maximum illumination.

9. Bulb voltage and type to be clearly labeled on external body.

10. Front panel to include power switch.

11. CRI > 90

12. R9 > 85

2.2 User's interface: Manual

2.3 Software and/ or standard of communication (where ever required):NA

3 PHYSICAL CHARACTERISTICS

3.1 Dimensions (metric) NA

3.2 Weight (lbs, kg) NA

3.3 Configuration: Case is to be hard, splash proof and corrosion resistant. Movement must be easily achieved by operator of height 1.5 m Light head mounting to allow vertical and rotational movement, capable of illuminating at least 1 m high table Handle for movement must be easy to grasp and clean Light must remain steady on position and balanced once moved.

Base to have at least four fully 360 degree swivel castors, minimum diameter 75mm Whole system to be stable for all positions of light head.

All power supply and battery location to be within access for ease in replacement.

3.4 Noise (in dBA) NA

3.5 Heat dissipation Heat Dissipation: Should maintain nominal Temp and the heat should be disbursed through an cooling mechanism

3.6 Mobility, portability: Mobile Light

4 ENERGY SOURCE (electricity, ups, solar, gas, water, co2)

4.1 Power Requirements recharging unit: Input voltage- 220V-240V AC, 50Hz

4.2 Battery operated NO;

4.3 Tolerance (to variations, shutdowns):NA

4.4 Protection should have over-charging cut-off with visual symbol.

4.5 Power consumption NA

5 ACCESSORIES, SPARE PARTS, CONSUMABLES

5.1 Accessories (mandatory, standard, optional); Spare parts (main ones); Consumables / reagents (open, closed system):NA

6. ENVIRONMENTAL AND DEPARTMENTAL CONSIDERATIONS

6.1 Atmosphere / Ambiance (air conditioning, humidity, dust ...)

1) Operating condition: Capable of operating continuously in ambient temperature of 10 to 40 deg C and relative humidity of 15 to 90% in ideal circumstances.

2) Storage condition: Capable of being stored continuously in ambient temperature of 0 to 50 deg C and relative humidity of 15 to 90%.

6.2 User's care, Cleaning, Disinfection & Sterility issues

1) Disinfection: Parts of the Device that are designed to come into contact with the patient or the operator should either be capable of easy disinfection or be protected by a single use/disposable cover.

2) Sterilization not required.

7. STANDARDS AND SAFETY

7.1 Certificates (premarket, sanitary, ..); Performance and safety standards (specific to the device type); Local and/or international

1. Should be US FDA/CE/BIS and ISO 13485 approved product.

2. Electrical safety conforms to the standards for electrical safety IEC 60601-1General requirements (or equivalent BIS Standard)

3. Shall meet internationally recognised for Electromagnetic Compatibility(EMC)and Electromagnetic Interference(EMI) for electrometrical equipment:IEC 60601-1-2

4. Certified to be compliant with IEC 60601-2-4 for usability.

7.2 Local and/or international Manufacturer / supplier should have ISO 13485 certificate for quality standard.

8. TRAINING AND INSTALLATION

8.1 Pre-installation requirements: nature, values, quality, tolerance

1) Availability of 5 amp socket;

2) Safety and operation check before handover;

8.2 Requirements for signoff Certificate of calibration and inspection from the manufacturer

8.3 Training of staff (medical, paramedical, technicians)

- 1) Training of users on operation and basic maintenance;
- 2) Advanced maintenance tasks required shall be documented

9. WARRANTY AND MAINTENANCE

9.1 Warranty 3 years

9.2 Maintenance tasks

- 1) Maintenance manual detailing;
- 2) Complete maintenance schedule;

9.3 Service contract clauses, including prices 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;

10. DOCUMENTATION

10.1 Operating manuals, service manuals, other manuals: Should provide 2 sets (hardcopy and soft-copy) of:-

- 1) User, technical and maintenance manuals to be supplied in English/ Hindi language along with machine diagrams;
- 2) List of equipment and procedures required for local calibration and routine maintenance;
- 3) Service and operation manuals (original and copy) to be provided;
- 4) Advanced maintenance tasks documentation;
- 5) Certificate of calibration and inspection

10.2 Other accompanying documents List of important spares and accessories, with their part numbers and cost;

11. NOTES

11.1 Service Support Contact

Details (Hierarchy Wise; including a toll free/ landline number) Contact details of manufacturer, supplier

and local service agent to be provided; Any Contract (AMC/CMC/add-hoc) to be declared by the manufacturer;

11.2 Recommendations or warnings Any warning signs would be adequately displayed

5. Electric Drill

POWER DRILL, REAMER AND SAW, FLEXIBLE REAMER

Product Eligibility Criteria:

- Should be US FDA or CE (Notified) marked product.
- Manufacturer should be ISO13485 certified for quality standards.
- Shall meet the safety standard as per IEC 60601.
- Driving Unit:
 - 200 Volts, 5 Amp. AC supply
 - Fully enclosed system
 - Foot control for On/Off and speed
 - Ergonomically design for comfortable handling
 - Made from non-corrosive metals
 - Autoclavable
 - Casters for mobility
 - Suit case for packing the unit after dismantle
- Universal Drill Hand-piece
 - SS Jacob's Drill Chuck (0-1/4")
 - Max. speed 1200 RPM
 - Approx. weight 800gm
 - 5.5mm cannulated

- Autoclavable
- Sagittal Saw Hand-piece (one piece pistol grip) Hand piece
 - Ideal for TKR, THR
 - Five types of blades can be set at 45° to 90°
 - Approx. weight 700gm
 - Autoclavable
- Pen type Drill Hand-piece
 - SS Jacob's Drill Chuck (0 – ¼")
 - 4mm Cannulation up to 400mm deep
 - Approx. weight 500gm (with grip)
 - Useful for general purpose nailing wire driving and drilling
 - Autoclavable
- Reciprocating Saw Hand-piece
 - Ideal for TKR, THR
 - Two types of blades
 - Reciprocation 13,000 / CPM
 - Autoclavable.
- Cannulated reaming (one piece pistol grip) hand piece
 - Max. speed – 400 RPM
 - AO type quick coupling
 - 5.5mm Cannulated
 - Ideal for Medullary reaming
 - Adaptors available for Jacob's, Trinkle, Synthes, Hudson & Zimmer ends
 - Approx. weight 750gm
 - Autoclavable
- Flexible Shaft (Autoclavable)
 - Length 1.5mtrs.
 - Approx. weight 1000gms
 - Push-pull type ends (SS)
- Flexible Reamers
 - Flexible Reamers shaft 8mm fixed head.
 - Flexible Reamers shaft for detachable heads up to 12mm
 - Flexible Reamers shaft for detachable heads above 12mm
 - Detachable reamer heads from 8.5mm to 15mm, step 0.5mm
 - Flexible Reamers shaft standard length 440mm
- Cannulated K wire driver pistol grip hand piece
 - Holding capacity of wire from 0.9mm to 3.5mm
 - Step selection with knob
 - Approx. weight 800gm
 - Max. speed 1200 RPM
 - 5.5mm Cannulated
 - Autoclavable
- Guide Wire
 - Set of 3 Nos. (2 Nos. bided and 1 No. normal guide wire)
 - Standard length of 100cm (approx) with width 2.8mm (approx.)
- Guide Wire
 - Set of 3 Nos. (2 Nos. bided and 1 No. normal guide wire)
 - Standard length of 100cm (approx) with width 2.8mm (approx.)
- Humerus reamer set (6, 6.5, 7 & 7.5mm)
 - Guide wire 2x2mm

6. DIGITAL TOURNIQUET:

Product Eligibility Criteria:

- Should be US FDA or CE (Notified) marked product.
- Manufacturer should be ISO13485 certified for quality standards.
- Shall meet the safety standard as per IEC 60601.
 - Fully automatic microcontroller based system, battery operated. (Portable)
 - Online cuff pressure & time setting can be alerted.
 - In built Intelligent alarms. (time based to give warning messages)
 - Coiled, Expandable, Puncture resistant PU Tubing with positive locking connector (PLC).

Specification

- Silicon Cuff – 3 Nos.
- Cuff Pressure - 100 to 500 mm hg.
- Start Delay - 0 to 120 minutes.
- Duration – 0 to 250 minutes.
- Inflation - Motorized pump.
- Deflation – EMV Automatic or Manual Override
- Pressure Resolution – 2mm of Hg.
- Accuracy – ± 3 mm of Hg (set pressure).
- Display – 16x2 **Backlit LCD display.**
- Operation Method – **Micro controller Based controller**
- Power - 6v DC Battery (Built in charging circuit).
- Alarms - Pressure leakage/Elapsed time/5 min before auto deflation.
- Cuff size - Modified leg – 8.5x76cm
Standard arm – 7x35cm
Child – 5x30cm
Weight - 1.5 kg. Approximate
- Dimensions - 165 (W) x 75(H) x 140(D) mm (approx)

7. BP Instrument Aneroid

GMDN name-Sphygmomanometers

GENERAL

1. USE

1.1 Clinical purpose -to measure non invasive blood pressure

1.2 Used by clinical department/ward-All

1.3 Overview of functional requirements-

TECHNICAL

2. TECHNICAL CHARACTERISTICS

2.1 Technical characteristics (specific to this type of device)-

1. Corrosion resistant shock proof body, chrome plated metal/ stainless steel pressure control valve, scale 0-300 mm hg with accuracy of ± 3 mmHg
2. Air release at closed lap with maximum 4mmHg/Minute.
3. Manual setting of deflation possible upto 2/3mm Hg/sec. From 260mmHg To 15mm Hg in a maximum deflation time of 10 seconds.
4. Gauge's background in white colour.

5. Graduated scale for ever/ 2mmhg, every 10 units and every 20 units. Nylon straps cuff with pouch, latex bulb with completely chromium plated valve with regulation of vent-hole air by screw valve.

2.2 Settings-The cuff is inflated just to fit in the limb for which an inflation bulb is used to control the air pressure within the cuff.

2.3 User's interface-manual

2.4 Software and/or standard of communication (where ever required)-NA

3. PHYSICAL CHARACTERISTICS

3.1 Dimensions (metric)-The rubber tubes used should have an internal diameter of $3 \pm 0.5\text{mm}$ and the external diameter should not be less than 8mm; The dial manometer with diameter of 50 mm-60mm)

3.2 Weight (lbs, kg)-NA

3.3 Configuration-NA

3.4 Noise (in dBA), heat dissipation-NA

3.5 Mobility, portability-Yes

4. ENERGY SOURCE (electricity, UPS, solar, gas, water, CO2)

4.1 Power Requirements-NA

4.2 Battery operated-NA

4.3 Tolerance (to variations, shutdowns)-NA

4.4 Protection-NA

4.5 Power consumption-NA

4.6 Other energy supplies-NA

5. ACCESSORIES, SPARE PARTS, CONSUMABLES

5.1 Accessories (mandatory, standard, optional)-adult arm cuffs of size medium & large and paediatric size, inflation bulb, tubing

5.2 Spare parts (main ones)-dial mano meter

5.3 Consumables / reagents (open, closed system)-NA

6. ENVIRONMENTAL AND DEPARTMENTAL CONSIDERATONS

6.1 Atmosphere / Ambiance (air conditioning, humidity, dust ...)-Capable of being stored continuously in ambient temperature of 0 to 50 deg C and relative humidity of 15 to 90%. Capable of operating continuously in ambient temperature of 10 to 40 deg C and relative humidity of 15 to 90%.

6.2 User's care, Cleaning, Disinfection & Sterility issues-NA

7. STANDARDS AND SAFETY

7.1 Certificates (pre-market, sanitary, ..); Performance and safety standards (specific to the device type); Local and/or international-

Manufacturer should be ISO13485; should be USFDA, CE, BIS or UL approved product.

8. TRAINING AND INSTALLATION

8.1 Pre-installation requirements: nature, values, quality, tolerance-Supplier to perform safety and operation checks before handover.

8.2 Requirements for sign-off-Certificate of inspection from the factory.

8.3 Training of staff (medical, paramedical, technicians)-Training of users in operation and basic maintenance shall be provided

9. WARRANTY AND MAINTENANCE

9.1 Warranty-3 years

9.2 Maintenance tasks- maintenance manual detailing complete maintaining schedule

9.3 Service contract clauses, including prices-

10. DOCUMENTATION

10.1 Operating manuals, service manuals, other manuals-Should be supplied in english

10.2 Other accompanying documents-NA

11. NOTES

11.1 Service Support Contact details (Hierarchy Wise; including a toll free/landline number)-NA

11.2 Recommendations or warnings-Any recommendations for best use and supplementary warning for safety should be declared

8.BP Apparatus Digital

- Table top automatic blood pressure instrument for upper-arm measurement.
- Automatic pumping action for optimum inflation
- 3digit LCD display with back light.
- Measurement Principle: Oscilometric.
- Evaluation of blood pressure in accordance with WHO.
- With universal-cuff for arm circumference 22-42 cm.
- With carrying case, batteries and blood pressure.
- Measurement scale 0-300 mm hg with accuracy of +/- 3mmHg
- Single button
- Accessories (mandatory, standard, optional)-adult arm cuffs of size medium & large and pediatric size, inflation bulb, tubing

STANDARDS AND SAFETY

- Manufacturer should be ISO13485;
- should be USFDA, CE, BIS or UL approved product

9. Baby resuscitation kit

Ambu Bag

GMDN name:-Manual pulmonary resuscitator, reusable

GENERAL USE

1.

1.1 Clinical purpose: -

To provide or assist ventilation in a patient who is apnoeic or exhibits inadequate respiration through manual pulmonary-driven pressure cycle functions.

1.1 Used by clinical department/ward-

It is used in ambulances, intensive care units (ICU), during internal patient transfer, accident and emergency (A&E), and mass casualty incidents (MCI).

TECHNICAL

2. TECHNICAL CHARACTERISTICS

2.1 Technical characteristics:-

1. Manual resuscitator with transparent face-mask
2. Child models (250ml bag capacity);
3. Standard 15/22 mm Swivel connector allows connections to all common masks Endo-tracheal Tubes;
4. Provision to give supplemented oxygen-by-oxygen reservoir providing 100% oxygen;
5. Non-re breathing valve enabling the patient to inspire oxygen from the reservoir bag.

6. Should be single hand opera table
7. Should be easy to dissemble for cleaning and disinfection
8. Should have pressure release valve at 40cm H₂O
9. Should have silicone oxygen tube 2m length.
10. It should be upto 40 times autoclavable including bag and washers.
11. The bag should be made of soft silicone material.
12. Self Inflating Resuscitator bag should be of medical grade silicone rubber.
13. The reservoir should be a PVC bag of 600ml capacity for 250ml

2.2 Settings: NA

2.3 User's interface-manual

2.4 Software and/or standard of communication (where ever required)-NA

3 PHYSICAL CHARACTERISTICS

3.1 Dimensions (metric)-Handheld

3.2 Weight (lbs, kg)-light enough to be operated by hand/palm for long duration

3.3 Configuration-NA

3.4 Noise (in dBA), heat dissipation-NA

3.5 Mobility, portability-Handheld

3.6 Others- NA

4. ENERGY SOURCE (electricity, UPS, solar, gas, water, CO₂)

4.1 Power Requirements-NA

4.2 Battery operated-NA

4.3 Tolerance (to variations, shutdowns)-NA

4.4 Protection-NA

4.5 Power consumption-NA

4.6 Other energy supplies-NA

5. ACCESSORIES SPARE PARTS, CONSUMABLES

5.1 Accessories (mandatory):-

Silicon bellows, Non Rebreathing Valve, 2 meter oxygen tube, Guedel Airway sizes viz 0 and 1,

5.2 Spare parts (main ones)-Oxygen Reservoir bag

5.3 Consumables / reagents (open, closed system)-Neonatal Mask of 3 sizes viz 00, 0 and 1

6. ENVIRONMENTAL AND DEPARTMENTAL CONSIDERATONS

6.1 Atmosphere / Ambiance (air conditioning, humidity, dust ...)-

Operating condition: –Capable of operating continuously in ambient temperature of 0 to 50 deg C and relative humidity of 15 to 90% in ideal circumstances. An ambient air velocity is less than 0.3 m/s.

6.2 User's care, Cleaning, Disinfection & Sterility issues:-Complete unit to be easily washable and

7. STANDARDS AND SAFETY

7.1 Certificates (pre-market, sanitary, ..);Performance and safety standards (specific to the device type); Local and/or international-

ISO 13485; Manufacturer / supplier should have ISO certificate for quality standard. Should be USFDA / CE (From notified body) approved product or BIS certified should meet ISO 10651-4 standard requirement

8. TRAINING AND INSTALLATION

8.1 Pre-installation requirements: nature, values, quality, tolerance-Supplier to perform installation, safety and operation checks before handover.

8.2 Requirements for sign-off-Certificate of Calibration and inspection from the factory.

8.3 Training of staff (medical, paramedical, technicians)-Training of users in operation and basic maintenance shall be provided

9. WARRANTY AND MAINTENANCE

9.1 Warranty-1 year.

9.2 Maintenance tasks -Maintenance manual detailing complete maintaining schedule

9.3 Service contract clauses, including prices-

9.4 Others-

10. DOCUMENTATION

10.1 Operating manuals, service manuals, other manuals-Required

10.2 Other accompanying documents-Demonstration CDs

10.3 Recommendations for maintenance-NA

11. NOTES

11.1 Service Support Contact details (Hierarchy Wise; including a toll free/landline number)-NA

11.2 Recommendations or warnings-NA

10. Adult laryngoscope(Fiber Optic)

GMDN name-Laryngoscopes

GENERAL

1. USE

1.1 Clinical purpose - For viewing vocal folds and glottis. Surgical and mechanical ventilation/intubation

1.2 Used by clinical department/ward-O.T / ICU / NICU/ Casuality/SNCU/NBSU

TECHNICAL

2. TECHNICAL CHARACTERISTICS

2.1 Technical characteristics (specific to this type of device):-

Fiber optic Laryngoscope should comprise of excellent ribbed grip Stainless steel handle and light source using the latest LED technology. The main body of the handle should incorporate an excellent ribbed grip & should feel even wearing a glove. There should be a freely moving light intensifier of light from the light source through to the tip of the fiber optic blade to prevent any possibility of cross contamination. The unit should allow the blade to be inserted easily & should provide a positive locking mechanism when moved in to the closed position. The patient contact material should be biocompatible.

2.2 Settings-NA

2.3 User's interface-Manual

2.4 Software and/or standard of communication (where ever required)-NA

3. PHYSICAL CHARACTERISTICS

3.1 Dimensions (metric)-NA

3.2 Weight (lbs, kg)-Light weight

3.3 Configuration-

1. Handheld unit, single piece when in use
2. On/off switch to be robust and easy to use
3. External material to be non-ferrous
4. Fibe Optic Blades to be surgical grade stainless steel of sizes (1,2&3)
5. Supplied in protective, enclosable container

3.4 Noise (in dBA), heat dissipation-NA

3.5 Mobility, portability-Yes

3.6 Others-storage box should be provided

4. ENERGY SOURCE (electricity, UPS, solar, gas, water, CO2)

4.1 Power Requirements-independent of external source

4.2 Battery operated-: Internal batteries, rechargeable preferred/ Penlight battery AA size, Battery charger (if rechargeables), Battery compartment (if reusable's) to be sealed against liquid ingress, yet easily opened.

4.3 Tolerance (to variations, shutdowns)-NA

4.4 Protection-NA

4.5 Power consumption-3V lithium battery

4.6 Other energy supplies-

5. ACCESSORIES SPARE PARTS, CONSUMABLES

5.1 Accessories (mandatory, standard, optional)-Batteries, light source, blades of various neonatal sizes

5.2 Spare parts (main ones)-Handle

5.3 Consumables / reagents (open, closed system)-5 LED should be given as spare

6. ENVIRONMENTAL AND DEPARTMENTAL CONSIDERATIONS

6.1 Atmosphere / Ambiance (air conditioning, humidity, dust ...)-Operating condition:

Capable of operating continuously in ambient temperature of 0 to 50 deg C and relative humidity of 15 to 90% in ideal circumstances.

An ambient air velocity is less than 0.3 m/s.

Liquid splash resistant

Blades should be autoclavable

6.2 User's care, Cleaning, Disinfection & Sterility issues-Should be autoclavable

7. STANDARDS AND SAFETY

7.2 Certificates (pre-market, sanitary, ..);Performance and safety standards (specific to the device type);Local and/or international:-

- Should be US FDA / CE approved product
- Blades should be ISO7376 standard;
- Manufacturer / supplier should have ISO certificate for quality standard.
- The lithium battery should comply to IEC 62133 or its equivalent.
- The device should meet IEC 60601-1, IEC 60601-2 standard requirements.

8. TRAINING AND INSTALLATION

8.1 Pre-installation requirements: nature, values, quality, tolerance- NA

8.2 Requirements for sign-off- NA

8.3 Training of staff (medical, paramedical, technicians)-Training of users in operation and basic maintenance shall be provided

9. WARRANTY AND MAINTENANCE

9.1 Warranty- 3 years; LED upto 6 months

9.2 Maintenance tasks-Autoclave

9.3 Service contract clauses, including prices-NA

10. DOCUMENTATION

10.1 Operating manuals, service manuals, other manuals-

User, technical and maintenance manuals to be supplied in English language.

Certificate of calibration and inspection to be provided.

List to be provided of equipment and procedures required for local calibration and routine maintenance

List to be provided of important spares and accessories, with their part numbers and cost.

Contact details of manufacturer, supplier and local service agent to be provided

10.2 Other accompanying documents-service manuals

11. NOTES

11.1 Service Support Contact details (Hierarchy Wise; including a toll free/landline number)-

Any Contract (AMC/MC/add-hoc) to be declared by the manufacturer

11.2 Recommendations or warnings- Any recommendations for best use and supplementary warning for safety should be declared

11. Instrument for sterilizer S.S

- Electrically operated.
- Size ideally: 24x8x6 inch
- Should have replaceable immersion type heater ISI marked.
- Body should be made of SS-304 grade steel. (Test report certificate from independent laboratory should be submitted with technical bid.)
- Power Supply
- Power input to be 220-240VAC, 50Hz fitted with Indian plug
- Manufacturer should be ISO13485 approved
- Product should be BIS/CE approved

12. GLUCO METER :

Description of Function:

A glucose meter (or glucometer) is a medical device for determining the approximate concentration of glucose in the whole blood.

Product Quality Standards:

- Should be USFDA/CE (Notified) of the quoted model
- Manufacturer should be ISO certified for quality standards.

Technical Specifications

- Small, portable and user friendly device is required. Blood should not go into the glucometer while measurement.
- It should be able to measure whole blood in capillary mode.
- Minimum analytical range: 30 – 600 in mg/dl.
- Accuracy should be as per International Standard ISO 15197-Requirements for blood-glucose monitoring systems for self-testing in managing diabetes mellitus.
- Reproducibility/Precision: +/- 5%
- Display should be 43mm± 5 mm measured diagonally.
- It should be battery operated electronic system and the battery life should be for at least 1000 tests.
- Shelf life of strips: Minimum 12 months at the time of delivery to consignee.
- Packing of strips: not more than 50 strips in a pack. Strips should work min. 3 months after opening of strips pack.
- Control solution for checking reliability of strips will be supplied free of cost as & when required.
- Ready availability of reagent test strips, battery & other consumables across Odisha for at least 5 years.
- Machine should be supplied with lancing device of 2nos.
- **Machine should have 4 yrs. of replacement warranty.**

Equipment Configuration:

- 1-Glucometer-1no
- 2-Lancing Device-2no
- 3-Standard batteries-1Set
- 4-Carrying case-1
- 5-Instruction manual
- 6-Warranty card

13. INTUBATION LMA(REUSABLE)

TECHNICAL SPECIFICATION

Reusable silicon flexible Intubation LMA for facilitating ventilation and intubation

The unit should consist of following:

Size: Adult size 3 & 4 one from each

The kit consist of 7.mm endotracheal flexible tube and stabilizing rod.-1no

The kit consist of 6.5mm endotracheal flexible tube and stabilizing rod.-1no

Manufacturer should be ISO13485 approved

The item should be USFDA/CE(Notified)/BIS approved

14.Digital Thermometer

- Range of temperature measurement 320C- 420 (89.60F-109.40F).
- Can be calibrated in both centigrade and Fahrenheit, but if only one option is available, then Fahrenheit is preferable.
- Buzzer signal function.
- Takes 10-15 seconds to measure temperature.
- Can be used in the armpit/axilla, orally and rectally.
- Accuracy of temperature $\pm 0.1\text{degC}$ and ± 0.2 F.
- User's interface :LCD display
- Manufacturer should be ISO13485 approved
- Product should be BIS/CE approved

15.Electrical Hub Cutter

- Should be lightweight, portable & compact.
- Housing should be moulded type, shock proof and made of ABS plastic/Stainless steel of 304 Grade.
- Should be provided with removable discharge tray for easy disposal of syringe hubs.
- Should have provision to burn the needle and cut the syringe tip.
- Should have high Carbon Steel cutter to cut the syringe tips.
- Should able to cut and destroy the needle up to 18G.
- Should able to destroy minimum of 5 injection needles on continuous operation.
- Should have heavy duty transformer.
- Should have power ON/OFF switch with visual indication.
- Should be properly insulated for protection from electric hazards.
- Should have fuse protection with 5no.of fuse to be supplied of adequate rating.

Power Supply:

Power supply should be 220-240 V AC, 50Hz with Indian plug.

Manufacturer should be ISO13485 approved

Product should be BIS/CE approved

16..Ambu Bag (Paediatric size) with Baby mask

GMDN name:-Manual pulmonary resuscitator, reusable

GENERAL USE

1.

1.1 Clinical purpose: -

To provide or assist ventilation in a patient who is apnoeic or exhibits inadequate respiration through manual pulmonar-driven pressure cycle functions.

1.2 Used by clinical department/ward-

It is used in ambulances, intensive care units (ICU), during internal patient transfer, accident and emergency (A&E), and mass casualty incidents (MCI).

TECHNICAL

2. TECHNICAL CHARACTERISTICS

2.1 Technical characteristics:-

1. Manual resuscitator with transparent face-mask
2. Child models (750ml, bag capacity);
3. Standard 22 mm Swivel connector allows connections to all common masks Endo-tracheal Tubes;
4. Provision to give supplemented oxygen-by-oxygen reservoir providing 100% oxygen;
5. Non-re breathing valve enabling the patient to inspire oxygen from the reservoir bag.
6. Should be single hand opera table
7. Should be easy to dissemble for cleaning and disinfection
8. Should have pressure release valve at 40cm H₂O
9. Should have silicone oxygen tube 2m length.
10. It should be upto 40 times autoclavable including bag and washers.
11. The bag should be made of soft silicone material.
12. Self Inflating Resuscitator bag should be of medical grade silicone rubber.
13. The reservoir should be a PVC bag of 1000ml for 750ml bag capacity.

2.2 Settings: NA

2.3 User's interface-manual

2.4 Software and/or standard of communication (where ever required)-NA

3 PHYSICAL CHARACTERISTICS

3.1 Dimensions (metric)-Handheld

3.2 Weight (lbs, kg)-light enough to be operated by hand/palm for long duration

3.3 Configuration-NA

3.4 Noise (in dBA), heat dissipation-NA

3.5 Mobility, portability-Handheld

3.6 Others- NA

4. ENERGY SOURCE (electricity, UPS, solar, gas, water, CO₂)

4.1 Power Requirements-NA

4.2 Battery operated-NA

4.3 Tolerance (to variations, shutdowns)-NA

4.4 Protection-NA

4.5 Power consumption-NA

4.6 Other energy supplies-NA

5. ACCESSORIES SPARE PARTS, CONSUMABLES

5.1 Accessories (mandatory):-

Silicon bellows, Non Rebreathing Valve, 2 meter oxygen tube, Guedel Airway sizes viz 0 and 1,

5.2 Spare parts (main ones)-Oxygen Reservoir bag

5.3 Consumables / reagents (open, closed system)-Neonatal Mask of 3 sizes viz 00, 0 and 1

6. ENVIRONMENTAL AND DEPARTMENTAL CONSIDERATONS

6.1 Atmosphere / Ambiance (air conditioning, humidity, dust ...)-

Operating condition: –Capable of operating continuously in ambient temperature of 0 to 50 deg C and relative humidity of 15 to 90% in ideal circumstances. An ambient air velocity is less than 0.3 m/s.

6.2 User's care, Cleaning, Disinfection & Sterility issues:-Complete unit to be easily washable and

7. STANDARDS AND SAFETY

7.1 Certificates (pre-market, sanitary, ..);Performance and safety standards (specific to the device type); Local and/or international-

ISO 13485; Manufacturer / supplier should have ISO certificate for quality standard. Should be USFDA / CE (From notified body) approved product or BIS certified should meet ISO 10651-4 standard requirement

8. TRAINING AND INSTALLATION

8.1 Pre-installation requirements: nature, values, quality, tolerance-Supplier to perform installation, safety and operation checks before handover.

8.2 Requirements for sign-off-Certificate of Calibration and inspection from the factory.

8.3 Training of staff (medical, paramedical, technicians)-Training of users in operation and basic maintenance shall be provided

9. WARRANTY AND MAINTENANCE

9.1 Warranty-1 year.

9.2 Maintenance tasks -Maintenance manual detailing complete maintaining schedule

9.3 Service contract clauses, including prices-

9.4 Others-

10. DOCUMENTATION

10.1 Operating manuals, service manuals, other manuals-Required

10.2 Other accompanying documents-Demonstration CDs

10.3 Recommendations for maintenance-NA

11. NOTES

11.1 Service Support Contact details (Hierchy Wise; including a toll free/landline number)-NA

11.2 Recommendations or warnings-NA

17. 1. C-Arm Compatible Fracture Table

• CO DING

GMDN name : Operation table orthopaedic

1 U SE

1.1 Clinical purpose An operating table, sometimes called operating room table, is the table on which the patient lies during a surgical operation. This surgical equipment is usually found inside the orthopaedic surgery room of a hospital.

1.2 Used by clinical department/ward Operation theatre

• TECHNICAL

2 .TECHNICAL CHARACTERISTICS

2.1 Technical characteristics (specific to this type of device)

1) Should have OT Table type base made of high quality 304 stainless steel with double table, split leg type and can take x ray photography.

2) Should have imported Y type sealing ring with good sealing performance and durability.

3) Should have a Rotary brake device which is easy for moving operating table.

4) Base is stainless steel.

5) Leg board is separated & dischargeable.

6) Double-decked can do X- Ray.

7) Inclining forward $\geq 30^\circ$

- 8) Inclining backward $\geq 25^\circ$
- 9) Inclining leftward $\geq 20^\circ$
- 10) Inclining rightward $\geq 20^\circ$
- 11) Back board folding upward $\geq 45^\circ$ Fold downward $\geq 90^\circ$
- 12) Head Board folding upward $\geq 80^\circ$ folding downward $\geq 10^\circ$
- 13) Leg board folding downward $\geq 90^\circ$.
- 14) Fold outward $\geq 90^\circ$.
- 15) Waist board elevation $\geq 120^\circ$.
- 16) The table top must be made of durable radiolucent Bakelite material capable of withstanding exposure to frequent C-Arm imaging, without diminishing the image clarity

2.2 User's interface Manual

2.3 Software and/or standard of Communication (where ever required) :NA

3

3.1 Dimensions (metric) Max: Length:2050 \pm 50 mm,Width:480 \pm 20 mm,Height:750-950 \pm 50 mm

3.2 Weight (lbs, kg) Max: 150 Kg)

3.3 Configuration NA

3.4 Noise (in dBA) NA

3.5 Heat dissipation Heat Dissipation: Should maintain nominal Temp and the heat should be disbursed through an cooling mechanism

3.6 Mobility, portability NA

4 ENERGY SOURCE (electricity, UP S, solar, gas, water, CO 2)

4.1 Power Requirements Recharging unit: Input voltage- 220V-240V AC, 50Hz,24 VDC

4.2 Battery operated Yes

4.3 Tolerance (to variations, shutdowns):NA

4.4 Protection Should have over-charging cut-off with visual symbol.

4.5 Power consumption NA

5 ACCESSORIES, SPARE PARTS, CONSUMABLES

5.1 Accessories (mandatory, standard, optional); Spare parts (main ones); Consumables / reagents (open, closed system)

1) Shoulder support (1 pair)

2) Waist Support (1 pair)

3) Arm rest (1 pair)

4) Leg holder (1 pair)

5) Screen Frame (1 Piece)

6) Foot Plate (1 Pair)

• BIDDING / PROCUREMENT TERMS / DONATION REQUIREMENTS

6 ENVIRONMENTAL AND DEPARTMENTAL CONSIDERATIONS

6.1 Atmosphere / Ambiance (air conditioning, humidity, dust ...)

1) Operating condition: Capable of operating continuously in ambient temperature of 10 to 40 deg C and relative humidity of 15 to 90% in ideal circumstances.

2) Storage condition: Capable of being stored continuously in ambient temperature of 0 to 50 deg C and relative humidity of 15 to 90%.

6.2 User's care, Cleaning, Disinfection & Sterility issues

1) Disinfection: Parts of the Device that are designed to come into contact with the patient or the operator should either be capable of easy disinfection or be protected by a single use/disposable cover.

2) Sterilization not required.

7 STANDARDS AND SAFETY

7.1 Certificates (pre-market, sanitary,..); Performance and safety standards (specific to the device type);Local and/or international

1. Should have USFDA/CE/BIS approved product.

2.Safety IEC 60601-1:- Medical electrical equipment-Part 1:General requirement for basic safety and essential performance-Edition

3.Manufacturer should be ISO13485 certified

7.2 Local and/or international Manufacturer / supplier should have ISO 13485 certificate for quality standard.

8 TRAINING AND INSTALLATION

8.1 Pre-installation requirements nature, values, quality, tolerance

- 1) Availability of 5 amp socket;
- 2) Safety and operation check before handover;

8.2 Requirements for sign-off Certificate of calibration and inspection from the manufacturer

8.3 Training of staff (medical, paramedical, technicians)

- 1) Training of users on operation and basic maintenance;
- 2) Advanced maintenance tasks required shall be documented

9 WARRANTY AND MAINTENANCE

9.1 Warranty 3 years

9.2 Maintenance tasks 1) Maintenance manual detailing;

2) Complete maintenance schedule;

9.3 Service contract clauses, including prices: 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;

10 DOCUMENTATION

10.1 Operating manuals, service manuals, other manuals

- Should provide 2 sets (hardcopy and soft-copy) of:-

1) User, technical and maintenance manuals to be supplied in english/hindi language along with machine diagrams;

- 2) List of equipment and procedures required for local calibration and routine maintenance;

- 3) Service and operation manuals (original and copy) to be provided;

- 4) Advanced maintenance tasks documentation;

- 5) Certificate of calibration and inspection

10.2 Other accompanying documents: List of important spares and accessories, with their part numbers and cost;

11 NOTES

11.1 Service Support Contact details (Hierarchy Wise; including a toll free/landline number)

Contact details of manufacturer, supplier and local service agent to be provided;

Any Contract (AMC/CMC/add-hoc) to be declared by the manufacturer;

11.2 Recommendations or warnings Any warning signs would be adequately displayed

18. Plaster Table (Hip Spica)

1. Including all assemblies; elevated back board, elevated and perineal post.

2. Compatible with Adult and Pediatric Assembly.

3. Compatible with Adult and Pediatric Ortho extension.

4. Limb traction unit and Assembly required

5. Elevated Sacrol rest to casting Sacro-lumbar Area

6. Including Body stat and Side rail locks

7. Height Adjustment

STANDARDS AND SAFETY

7.1 Certificates (pre-market, sanitary,..); Performance and safety standards (specific to the device type);Local and/or international

1. Should have USFDA/CE/BIS approved product.

2.Safety IEC 60601-1:- Medical electrical equipment-Part 1:General requirement for basic safety and essential performance-Edition

3.Manufacturer should be ISO13485 certified

2. Schedule-II(Surgical Instrument)

Surgical instruments

Quality Standard

- I. Surgical Instruments should be CE /ISI Marked (Engraved /Laser Embossed on each instrument).
- II. High Surgical grade stainless steel (AISI 410 & AISI 420 grade),Test certificate to be submitted
- III. Manufacturer name and catalogue/part number should be engraved / Laser Embossed on each instrument.
- IV. Physical demonstration of all instruments is mandatory.
- V. Manufacturer should be ISO 13485 certified.
- VI. All instrument should cover 5years of replacement warranty
- VII. All instrument should be autoclavable

Technical Specification

1.Instrument for MCH

Sl No	Name of the Equipment with specification	Total Qty
1	Allies forceps	22
2	Anterior vaginal wall Retractor	4
3	Artery forcep	26
4	Autoclave drums for instrument, linen,gloves,cotton	1
5	Baby Tray:	1
6	Delivery Tray:	4
7	Dressing Drum	2
8	Episiotomy scissor	11
9	Kally's pad	6
10	Kochers Forceps	2
11	Large speculum cusco	2
12	Large speculum/sims Spaculum (L)	3
13	Medium Speculum cusco	4
14	Medium Speculum Sims	4
15	Nasal Prong	2
16	Needle Holder straight -8inch	7
17	<p>PPIUCD Insertion Forceps:</p> <p>Technical Specification</p> <ul style="list-style-type: none"> ➤ Joints of the instrument shall have a smooth moving joint and should close and open easily. ➤ The inside surface of the PPIUCD insertion forceps shall be well rounded and polished and no sharp cutting edge or cracks should be present. The final surface visual appearance of the instrument should be classified as matte and have reduced reflected surfaces <p>Dimensional Specification:</p> <ul style="list-style-type: none"> ✓ Diameter of inner ring minimum 11mm (Major diameter) & 8mm (minor diameter). ✓ Thickness of ring 3.5 to 4.0mm ✓ Length of the clearance of forceps 33 to 35mm ✓ Tip to joint length 140 to 142mm ✓ Joint to end of grip length 175 to 178mm 	2

	<ul style="list-style-type: none"> ✓ Tip to end of grip length 315 to 320mm (Overall length) ✓ Diameter of the finger rings (G) 27.2-27.5mm (major diameter) ✓ Diameter of the finger rings (H) 23.1 – 23.4mm (minor diameter) ✓ Thickness of the finger rings 3.5 – 3.8mm ✓ Angle of the forceps tip on plane 5° (5 degree) ✓ Serration in the jaws, slightly curved at the tip. ✓ Number of serration 20 ✓ Distance between the serration 0.65 to 0.75mm ✓ Depth of serration 0.9 to 1.08mm 	
18	Ringle Forceps	4
19	Scissor: Scissors: straight ,double action blade, length of :140 mm	16
20	Sims speculum	5
21	small Speculum cusco	4
22	small Speculum sims	4
23	Spaculum (M)	12
24	Spaculum Large	2
25	Sponge Holder	9
26	Stich Cutter	2
27	Surgical Bin Assorted	2
28	Tongue Depressor	4
29	Toothed Forceps	10
30	Vaginal speculum	2
31	Vaginal Wall Retractor	2
32	Small Bowl for antiseptic lotion	4

2. Instrument for HWC

1	Artery Forceps, straight, 160mm Stainless steel	4
2	Artery Forceps-Curved	4
3	Cheatle's Forceps with Holder	4
4	Cord cutting Scissors	4
5	Cusco's/Graves Speculum	4
6	Dental Probe	4
7	Dressing Forceps (spring type), 160 mm, stainless steel	4
8	Ear Speculum – metallic, dull finish	4
9	Episiotomy Scissors	4
10	Eustachian Catheter	4
11	Foetoscope	4
12	Gauze Cutting Scissors Straight	4
13	Jobson-Horne probe	4
14	Kelly's Forceps	4
15	Kidney tray	4
16	Mouth Gag	4
17	Mouth Mirror	4
18	Nasal Speculum (St. Claire's)*	4
19	Needle Holder	4

20	Plain Forceps	4
21	Sims retractor/depressor	4
22	Sims Speculum	4
23	Sponge holder	4
24	Surgical Scissors straight 140 mm, ss	4
25	Tooth Forceps	4
26	Tray instrument/Dressing with cover 310 x 195x63mm SS,	4
27	Tuning fork	4
28	Uterine Sound Graduated	4
29	Vulsellum	4
30	Tray instrument/Dressing with cover 310 x 195x63mm SS,	4
31	Bowel for antiseptic lotion	11

3. ENT SET

Sl.No	Name Of the Instrument	Qty
1	Forceps, Aural, Hartmann	2
2	Forceps, Nasal Dressing	2
3	Forceps, Sponge Holding, 200-240mm	2
4	Nasal Hook- Gardiner Brown Downs	3
5	Handle For Surgical Blade No3	3
6	Handle For Surgical Blade No4	4
7	Scissors, Dressing, Straight 180mm	2
8	Speculum, Nasal Set of 3(S,M,L)	2
9	Ear Syringe, s/s	1
10	Instrument Container, s/s, With Cover, 300x200x50mm	2
11	Bowl, lotion, s/s, 0.2 litre	2
12	Kidney Dish	2
13	Head mirror. Used in ENT examination.	2
14	Aural speculum Set of 3 Used in examination of the ear.	2
15	Straight metallic tongue depressor. Used in examination of the oral cavity and oropharynx.	2
16	Laryngeal mirror. Used in examination of the larynx (indirect laryngoscopy).	2
17	Probe (cotton applicator). Used in cleaning the ear canal.	2

4. Trauma Set

Sl.No	Name of the Instrument	Quantity
3	Scalpel handle:No-3	1
4	Scalpel Handle:No-4	1

5	Dissecting Scissor:Double action,curved of size-16cm	2
6	Dissecting Scissor:Double action,curved of size-18cm	1
7	Tissue Forcep: 1x2 teeth,straight of size-16cm	2
8	Adson Tissue forcep-15cm,1x2 teeth	2
9	Vascular Forceps:Debakey atraumatic,size20cm straight with 1.5mm tips	2
10	Vascular Forceps:Debakey atraumatic,size20cm straight with 2mm tips	1
11	Tissue grasping forcep-15cm straight	2
13	Guide needle:Guide needle with knife edges angled, Size: Charr. 8	2
14	Guide needle:Guide needle with knife edges angled, Size: Charr. 10	2
15	Suction Tube:Yankauer Length: Working length 28 cm ,curved	4
16	Needle Holder:Mayo-Hegar ,standard pattern, with Tungsten Carbide inserts Length: 18 cm straight, cross serrated	1
17	Needle Holder:Mayo-Hegar ,standard pattern, with Tungsten Carbide inserts Length: 18 cm Curved , cross serrated	1
18	Hemostatic Forceps:Mosquito Hemostatic Forceps,Length: 12.5 cm Curved	2
19	Hemostatic Forceps:Mosquito Hemostatic Forceps,Length: 16 cm Characteristics: straight, Tip / Working End: 1 x 2 teeth	2
20	Hemostatic Forcep:Hemostatic Forceps with atraumatic DeBakey serrations Length: 14 cm straight	1
21	Dissecting and Ligature Forceps:20.5 cm curve	2
22	Peritoneal Forceps:20 cm ,curved Tip / Working End: 1 x 2 teeth	2
23	Towel Clamp:10.5 cm , curved	6
24	Retractor:22 cm , 10 mm wide curve Tip / Working End: 18 mm wide, 4 prongs, blunt	1
25	Retractor:22 cm 10 mm wide curve Tip / Working End: 28 mm wide, 6 prongs, blunt	1

26	Retractor:Length: 21 cm Tip / Working End: 12 mm (1/2") wide x 65 mm (2 1/2") deep	1
27	Self-Retaining Retractor:Length: 13 cm Tip / Working End: 3 x 4 prongs, 18 mm, sharp	1
28	Sharp Curette: ovalSharp CuretteLength: 17 cm Size: # 00	1
29	Sharp Curette: ovalSharp CuretteLength: 17 cm Size: # 0	1
30	Sharp Curette: ovalSharp CuretteLength: 17 cm Size: # 1	1
31	Sharp Curette: ovalSharp CuretteLength: 17 cm Size: # 2	1
32	Bandage Scissors:Length: 18 cm Tip / Working End: angled to side	2
33	Bandage Scissors:Length: 20 cm - 8" Tip / Working End: angled to side	1
34	Kidney Bowl:250 mm, 18/8 stainless steel	2
35	Round Bowls:150 x 75 mm, 1,0 l	2
36	Bone Lever, Retractor,22 cm - 8 3/4" Tip / Working End: 10 mm wide	2

3-Schedule-III(Hospital Furniture)

Hospital Furniture

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 BS 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. Adjustable bed side table

Technical Specification

- Table base and frame work made of strong rectangular/ square CRC tubes .
- Top to be made with SS Sheet of 304 grade.
- It should be detachable and have raised edges on all sides of 1 cm each.
- Height adjustment by means of Corrosion resistant side knob.
- Height range from approximately 840 to 1000 mm.
- Mounted on swivel castors of non rusting castors, 50 mm diameter .
- Size approx.: 400mm (W) x 750mm(L)
- Pre-treated and Epoxy coated finish.

2. IV Stand

- Overall approx. size: height – 150cm-230 cm (with telescopic adjustable height)
- Main Frame: Strong & Sturdy stainless steel tubular construction mounted on four pronged tubular/rectangular base fitted with five swivel rust proof castors of 50mm diameter.
- Stainless steel rod with double hooks
- All the Stainless Steel should be of 304 grade
- Should be pre-treated and epoxy coated finish.

3. Water Bed

- Water bed (For Bed sores) with its unique wave form design distributes the weight evenly all over the mattress
- Features: Durable with high strength
- Refrain the muscles of the patient and the cooling effect of water also helps in the prevention of bed sores
- Size: Adult single bed
- The material should be made from **PVC (Poly Vinyl Chloride)** material
- Waterbeds should have an extra protection covering to provide accidental punctures
- The necessary kit,pump,repair kit should be provided

4. Foot Step

- A double foot step type.
- Made of 18 G MS steel rectangular/tubular frame.
- Both the platform should be provided with non-slip ribbed rubber surface
- The legs should be provided with a non-slip grip.
- Size 500mm LX 400mm WX 450 H approximate(10mm+/-)
- Epoxy powder coated finish

5. Screen Separators with stand

- 3 folding partitions - 6 feet high and 6 feet long when opened
- Tubular frame (CRCA tubular) mounted on 5cms high quality corrosion free castors with fine quality curtains.
- Pre-Treated and Epoxy Powder coated

6. Stool for attendants

- Tubular tripod based with S.S. revolving top.
- Height adjustable from approximately 460 mm to 650 mm by accurately machined screw mechanism.
- S.S foot ring supports
- Legs fitted with rubber PVC stumps..
- Pre-treated and powder coated finish.

7. Crash cart fully loaded with BCLS medication

Description of function:

Should be designed to supply medication when nurse /doctor make of visit around the patients.

Eligibility Criteria:

The manufacturer should be ISO certified.

The product should be ISI/CE Certified.

Specification:

- Size minimum:970mm(W),500mm(D),1630mm(H)
- Two sides unit cassette and one side plate cassette
- Should have S.S. shelves, six colored removable bins & two polystyrene lockable storage units with two drawers each.
- The crash cart should be made of 25.4mmx18G Stainless steel tubular frame work.
- Shall have Epoxy / Anti-Microbial powder paint inside and out
- Multi structure, which can be used for multi proposes.
- Designed push-handle and efficient structure
- Total lock key compartment under the surface.
- Crash cart should be mounted on 10.cms dia non-rusting swiveling castor wheels. Two having locking arrangement.

Cardiac massage Board size:670mmx 330mm(+/-5%)

Oxygen cylinder stand epoxy powder coated, on one side

4.Schedule-IV

Lab item Specification

1. Dipsticks for urine test for protein and sugar (1 container of 25 strips)

URINE Complete rapid test reagent strips :

- Urine Reagent Strips are for in vitro diagnostic use only.
- Indications for urine test strips:
 - Screening for prevention
 - Treatment monitoring
 - Patient self-testing
- Urine Reagent Strips provide tests for the following parameters:
 1. Glucose
 2. Bilirubin
 3. Ketone (Acetoacetic acid)
 4. Specific Gravity
 5. Blood
 6. pH
 7. Protein
 8. Urobilinogen
 9. Nitrite
 10. Leukocytes
 11. Ascorbic Acid in Urine.
- The Urine Reagent Strips should be packaged along with a drying agent in a plastic bottle with a cap to provide complete air tight.
- Each strip should be stable and ready to use upon removal from the bottle.
- The entire reagent strip should be disposable.
- Results are obtained by direct comparison of the test strip with the color blocks printed on the bottle label.
- All the reagent strips should be withstand at a room temperature between 15°-30°C (59°-86°F) and out of direct sunlight.
- The minimum self-life of the urine strips should be 1year unopened and minimum 3months once it is opened.
- The required controlled shall be provided along with the strip packet.
- The strip pack sizes should be of 25/50/100 sizes.

Urinalysis test strips types

1. Ketones- Single test
2. Glucose, Protein & pH- Three parameter
3. Glucose, Protein pH, Leukocytes, Nitrites, Ketones, Bilirubin, Blood, Urobilinogen, and Specific Gravity-10 parameter
4. Leukocytes and Nitrite-Special parameter

Quality Standards:

- The manufacturer should be ISO 13485 certified.
- The strips should be USFDA/CE (IVD) approved.
- The strips should be DCGI approved.

2. Glass rods

Material: soda-lime /borosilicate/ quartz. Resistance to acid and alkali

Diameter: 10mm.

Length: 10cm

Surface: polished

Quality Standards:

The item should be CE certified

Manufacturer should be ISO 13485 Certified

3. Glass Slide box of 25 slides

Optically flat Glass Sheets uniform in size with ground for smooth microscopic and other lab test.

Size:76 x 26mm/75x25mm

Thickness 1-1.2mm

Pack Size:25/packet.10 packet contained in one pack.

All the slides should be pre-washed and polished

Quality Standards:

The item should be CE certified

Manufacturer should be ISO 13485 Certified

4.H2S strips test bottles for water testing

Sensitivity: 5, 10, 20, 30, 40, 50, 60 and 80 ppm (mg/L)

Test time: 30 seconds

Bottle of 50 test strips

5.Kits for testing residual chlorine in drinking water

Measurement parameter: Chlorine

Sample type: drinking water, wastewater, pool and spa, industrial process water.

Method: Dip strip and comparator chart on the bottle.

Measurement range: 0 - 10 Cl₂

Pack Size:50/bottle

Manufacturer should be ISO certified.

6. Slide drying rack

- Acrylic slide rack, inclined, used for draining/drying slides.
- 5 slots accommodate 25 slides.

7. Specimen collection bottle(100/pack):

8. Spirit lamp

- Made of stainless steel 304 grades.
- Should have cap and wick.
- Dimension: 63.00 X 63.00mm (HxD) ±3mm
- Spirit tank capacity: minimum 100ml Spirit

Quality Standards:

- The item should be CE certified
- Manufacturer should be ISO 13485 Certified

9. Test tube holding clamp

A pair of spring strip of hard rolled stainless steel, mounted in wooden handle in cross-scissor shape, and accepts tubes of diameter 12-43 mm.

Overall length about 225mm

Quality Standards:

The item should be CE certified

Manufacturer should be ISO 13485 Certified

10. Test tubes

Test Tube - 12 x 75 mm with rim (borosilicate glass)

11. Tongue Depressor (wooden: 100/pack)

Wooden specula-1 packet of 100 specula

12. Whole Blood Finger Prick HIV Rapid Test and STI Screening Test each (20-25)

Intended of Use: The assay should be able to detect antibodies of HIV1, HIV2 and all the subtypes by detection of antibodies by the agglutination/ Enzyme

Should be 3rd generation:

- The assay should have sensitivity of 100% or more and specificity of 100% or more as per data from an identified national reference laboratory.
- The assay should have solid phase/ particles coated with synthetic and/ or recombination or both types of antigens of HIV1 & HIV2.
- The manufacturers should ensure that:
- The test kit should be packed such that there is a provision to conduct single test at a time;
- The assay components should include HIV positive and negative serum controls sufficient for conducting 20% of the tests (10% negative and 10% positive controls); and
- f) The pack size of HIV rapid test kits should be 30 tests per Kit.
- The manufacturer should be ISO 13485 certified.
- The strips should be USFDA/CE (IVD) approved.
- The strips should be DCGI approved.

SECTION –VI

ANNEXURES

(Technical Bid, Price Bid, Agreement, Undertaking for CMC)

ANNEXURE –I
(Refer Clause No. 3.1)
CHECK LIST
(To be submitted in Cover A Technical Bid)

Note : The documents has to be arranged serially as per the order mentioned in the check list

Please put in the respective box ✓

COVER – A (TECHNICAL BID) DOCUMENTS : SUBMITTED OR NOT

1.	List of Item (s) – Annexure II		Page No		Yes		No	
2.	Tender document Fee		Page No		Yes		No	
3.	Earnest Money Deposit		Page No		Yes		No	
4.	Details of Manufacturing Unit / contract person Liaisoning agent / servicing centre (Annexure III)		Page No		Yes		No	
5.	Declaration form (Annexure -IV) signed by the Tenderer & affidavit before Notary Public / Executive Magistrate	No.	Page		Yes		No	
6.	Manufacturer’s Authorization Format (Annexure – V)(for distributor/Importer) (Item wise)	No.	Page		Yes		No	
7.	Proof of avg. Annual turnover for preceding 3 financial years (for manufacturer / Importer) / Proof of Annual turnover for preceding 3 financial years for authorized distributor as well as manufacturer/Importer (in case of distributor) (Annexure - VI)	No.	Page		Yes		No	
8.	Performance Statement (<i>Item wise</i>) during the last three years (Annexure -VII)	No.	Page		Yes		No	
9.	Copies of Purchase order (<i>Item wise</i>) in support of the performance statement	No.	Page		Yes		No	
10.	Deviation/No deviation Statement (<i>Item wise</i>) & details of technical specification (Annexure -VIII A & B)		Page No		Yes		No	
11.	Leaflets/Technical Brocheures of the Products offered (<i>Item wise</i>)	No.	Page		Yes		No.	

12. Copy of Import license (In case of Importer)
No.

Page		Yes		No	
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13. Copy of Valid ISO Certificate
No.

Page		Yes		No	
------	--	-----	--	----	--
14. Attested Photocopy of Up-to-date
CE / US FDA/BIS Certificate (**Item wise**)
(As per technical specification)

Page		Yes		No	
No.					
15. Attested Photocopy of Up-to-date
IEC Certificate (**Item wise**)
(As per technical specification)

Page		Yes		No	
No.					
16. Photocopy of PAN
No.

Page		Yes		No	
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17. Photocopy of GST registration certificate
No.

Page		Yes		No	
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18. Copy of original Tender and schedules, duly
signed by the Tenderer

Page		Yes		No.	
No.					

ANNEXURE – III

(Refer Clause No. 3.5)

(To be submitted in **Cover A -Technical Bid**)

DETAILS OF THE TENDERER & LOCAL CONTACT PERSON/ SERVICE CENTRE

	Corporate Office (The address in which the purchase orders and payment details will be communicated)	Address of Local Contact Person / Branch Office / Zonal Office / Address of Service Centre if any, in Odisha.
Name & Full Address		
Telephone Nos., landline		
Mobile		
Fax		
E – Mail		
Date of Inception	(Copy of Certificate of incorporation of Manufacturer)	
Name of the issuing authority		
Import License (in case of Importer only)		
GST validity	(Furnish photocopy of GST)	
PAN	(Furnish photocopy of GST)	
Details of the Service Centre Facilities (in Odisha)		

**Signature of the Tenderer :
with seal**

Date :

Official Seal :

ANNEXURE – V

(Refer Clause No. 2.2(i))

(To be submitted in **Cover A -Technical Bid**)
MANUFACTURER'S AUTHORISATION FORMAT

To

_____.

Ref: Tender No. _____ Dated _____ for _____.

Dear Sir,

We, _____ are the manufacturers of _____
(name of equipment(s) and have the manufacturing factory at _____.

1. Messrs _____ (name and address of the agent) is our authorized distributor for sale and service of _____ (name of equipment(s))

2. We confirm that **no supplier or firm or individual other than Messrs** _____
_____ (name of the above distributor) is authorized to submit a tender and enter into a contract with you for the above goods manufactured by us.

3. We also extend our full warranty (3 years comprehensive warranty) and also full back-up support for 3 years AMC/CMC after the warranty period as required by the purchaser.

4. We undertake that we have adequate infrastructure and spare part support to carry out the warranty and AMC/CMC services and do accept to provide uptime guarantee of 95% as per this tender clause No. 13.1.

Yours faithfully,

(Signature with date, name and designation)

For and on behalf of Messrs _____

(Name & address of the manufacturers)

Seal

Note :

1. This letter should be on the **letterhead** of the **manufacturer** and should be signed by a person having the power of attorney to legally bind the manufacturer.
2. Original letter shall be attached to the technical bid.

(To be submitted in **Cover A -Technical Bid**)

ANNEXURE – VI

(Refer Clause No. 3.8)

(To be furnished in the **letter head** of the Auditor/ Chartered Account)

ANNUAL TURN OVER STATEMENT

The Annual Turnover for the last three financial years of M/s _____ who is a Manufacturer /Distributor/Importer (*Pl. tick whichever is applicable*) are given below and certified that the statement is true and correct. **Audited balance sheet must be attached.**

Sl.No.	Year	Turnover in (Rs.)
1.	2015 - 2016	-
2.	2016 - 2017	-
3.	2017 – 2018	-

Average Annual Turnover (for the above three years) in (Rs.) _____

Date:
Place:
(Name in Capital)

Signature of Auditor/
Chartered Accountant

Seal

Membership No.-

Registration No. of Firm

Note:

- To be issued in the **letter head** of the Auditor/Chartered Accountant mentioning the Membership no.
- Separate certificates** should be furnished for **different manufacturer/importer** in case the bidder (authorized distributor) is quoting products of **different manufacturers/importers**. The authorized distributor has also to furnish his turnover statement in the above format.

(To be submitted in **Cover A - Technical Bid**)
Annexure VII (Refer Clause no. 3.9)
PROFORMA FOR PERFORMANCE STATEMENT
 (For the period of last **three years**)

ITEM WISE (Pl. Furnish separate performance statement itemwise if the bidder quote for more than one item & attach the order copies alongwith each performance statement)

Tender Reference No. _____ :

Name of Tenderer : _____
 Name of Manufacturer : _____

Name of the Item : _____

Sl.	Order placed by (Address of purchaser) (attach documentary proof)*	Order no. & Date	Item Name	Make Model	Qty	Value of Contract (Rs.)	Date of Completion		Reasons for delay if any	Have the goods been functioning satisfactorily (attach documentary proof)**
							As per contract	Actual		
1										
2										
ODIS HA										
ODIS HA										
			Total Qty							

Signature and seal of the Tenderer

- * The documentary proof will be **copies of the purchase order** (during the last 3 years) indicating Contract No. and date along with a notarized certification (by the bidder) authenticating the correctness of the information furnished.
- ** The documentary proof will be certificate from the consignee/end user indicating Contract No. and date along with a notarized certification (by the bidder) authenticating the correctness of the information furnished.

(To be submitted in **Cover A -Technical Bid**)
Annexure VIII A
(Refer Clause No. 3.10)

STATEMENT REGARDING DEVIATIONS FROM TECHNICAL SPECIFICATIONS (IF ANY)

Following are the Technical deviations and variations from the purchaser's Technical Specifications.

Sl. No.	Item Name	Clause of Technical Specification	Statement of Deviations / Variations if any
1			
2			
3			
4			
5			

In case there is no deviation from technical specification, Pl. Mention **No Deviation**.

Signature of the Bidder

Name :

Date :

Place :

Seal

(To be submitted in **Cover A -Technical Bid**)

Annexure VIII B

(Refer Clause No. 3.10)

DETAILS OF TECHNICAL SPECIFICATION OF THE PRODUCT (S) OFFERED BY THE BIDDER

Sl. No.	Item Name	Make	Model	Detail Specification of the product(s) offered* (Pl. Describe the detail specification of the product offered) – Para wise compliance to the technical specification asked for.	**Page no. of the Catalogue / Leaflet where Para wise compliance information as per technical specification is available
1					
2					
3					
4					

* Leaflets/Technical Brocheures/ of the product offered must be attached in support of the information provided above.

** It is mandatory to mention the page no(s) in the format as mentioned above.

Signature of the Bidder

Name :

Date :

Place :

Seal

ANNEXURE IX

(To be submitted in COVER B - PRICE BID)

[Note : Price schedule should be submitted in separate sheets for each item(s) quoted and sealed in separate envelopes. Each envelop should be superscribed with the *Item Name* & all the envelops should be sealed in a outer Cover envelop superscribed as Cover B - Price Bid]

List of Enclosures to be submitted in Price Bid :

- 1) Price schedule format duly filled in and signed by the authorized signatory with company seal
- 2) Price schedule for each item sealed in separate envelopes superscribed with Item Name
- 3) Photocopy of up-to-date GST registration certificate

To be submitted in Cover B – Price Bid

ANNEXURE-IX

(Refer Clause No. 4.1 & 8.16)

FORMAT - PRICE SCHEDULE

Whether depot. inside Odisha, i.e. GST paid to Government of Odisha: Yes / No If Yes, Depot. Address :

Name of the Item (s) (Items mentioned in the schedule of requirement)	Make & Model	Unit Price with all accessories which includes customs duty, packing, insurance, forwarding , transportation (door delivery) with 3 (three) years onsite warranty & excludes GST	CMC (excluding GST of Service GST) for three years after expiry of three years warranty period (please mention on yearly basis)	**Cost of Turnkey if any (all accessories for installation & commissioning including GST for turnkey in Rs. (Door delivery & installation)	*Total Cost of the Item (Unit Price with CMC & Turnkey if any) (Exclusive of GST)	GST (if any) on & above the item price mentioned in (3) % of the GST & it's value in Rs.)
		Cost in Rs. (both in words & figures)				
(1)	(2)	(3)	(4)	(5)	6=3+4+5	7
			1 st year after warranty: 2 nd year after warranty: 3 rd year after warranty: Total :			

Price of each item (s) for (Schedule-I,Schedule-III & Schedule-IV) quoted should be mentioned separately in separate sheet & should be sealed in separate envelops

Price of each surgical instrument set (Schedule-II) to be quoted separately and unit price of individual instruments should be quoted in a separate sheet under each individual set.

* GST which will be chargeable on the price (3) shall be mentioned separately in column 7 above.

** The cost of turnkey shall only be quoted if any specific accessories/equipment is required for installation & commissioning. In case of turnkey, the details of accessories/equipment are to be mentioned.

CMC should be quoted for the items as mentioned follows.

Signature of the Bidder:

Name :

Date :

Place :

Seal

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

ANNEXURES

(Agreement, Warranty and CMC undertaking to be submitted at the time of award of contract)

ANNEXURE – X
(Refer clause no. 7.1.2)
AGREEMENT

THIS AGREEMENT IS MADE AT _____ THIS THE DAY OF _____ 2018

BETWEEN

Name of the Supplier
with full address

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

AND

The C.D.M.O,
District :

Represented through the

_____ / **THE CONSIGNEE**
Hereinafter 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>Qty</u>	<u>Price</u>	<u>Total</u>
-----------------------------	------------	--------------	--------------

The price / cost of the item also include 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 three year at free of cost from the date of successful installation and satisfactory functioning of the system at the site.
9. Installation and commissioning of the system by the Supplier’s engineer at site.

10. 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.

CMC cost for next 3 (three) years after the warranty period shall be paid after completion of the warranty period (on a six monthly basis).

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.

SUPPLY

The supply should be completed within 30 days from the date of issue of purchase order unless otherwise specified. If no supply is received even after 30 days or 58 days with liquidated damage from the date of issue of the purchase orders such orders will stand cancelled automatically without further notice. Penalties shall also thereafter be applied to the tenderer as specified under Penalty. The approved firm shall also suffer forfeiture of the EMD and Performance Security Deposit.

LIQUIDATED DAMAGE :

The C.D.M.O. of the concerned district may allow extension for a maximum period of 4 (four) weeks (28 days), after the stipulated date of supply (i.e. 30 days) with a penalty of 0.5% which will be deducted from the purchase order value as "Liquidated Damage", for each week (7 days) of delay upto a maximum 2% on the value of the goods.

If the supplier fails to complete the supply within the extended period, i.e. 58 days after being allowed by the purchaser, no further purchase order will be placed to the firm for the said item including forfeiture of the Performance security and the concerned firm will be blacklisted for two (2) years from the date of issue of letter for the said item.

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/bank guarantee amounting to 10% of the purchase order value which will be deposited with the O/o of the CDM & PHO .

90% of the cost of the equipment (excluding CMC Cost)+100% turnkey +100% GST 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 subject to submission of performance security (10% of P.O. Value). For this purpose the supplier will submit two bills, one 90% of the cost of the equipment+100% turnkey +100% GST 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 – XI & XII will also be submitted to the consignee with photocopies to the purchaser.

C. The payment of CMC will be made on six monthly basis after expiry of the warranty period and signing of the CMC agreement.

TURNKEY JOB:

The external power supply will be provided by the purchaser 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 (This cost is to be included in the cost of turnkey).

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 x2 = 16644Hours

Any uptime less 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 **THREE 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 3 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.

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 supervision or maintenance and / or repair of the supplied Goods, for a period of three (3) 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 price of the instruments / equipments is inclusive of warranty for a period of 3 (three) 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 (3 years) during the CMC period.

COMPREHENSIVE WARRANTY :

This warranty shall remain valid for three (3) 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 arising 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 arising 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.O/Directors) 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 CDM & PHO will be at liberty to terminate the contract either wholly or in part without assigning any reason. The tenderers will not 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 **CDM & PHO** 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 **CDM & PHO** 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 **CDM & PHO** and the tenderer shall be liable for all losses sustained by the **CDM & PHO** , 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 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)

ANNEXURE – XI

(Refer Clause No. 11.1 to 11.6, 13.1)

**WARRANTY / GUARANTEE /CMC 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 (3 years Warranty followed by 3 years CMC (Spares + Labour) as per this tender clause No. 11.1 to 11.6.
- 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 3 year comprehensive warranty is valid from dt. _____ to dt. _____.
- v. The 3 year CMC is valid from dt. _____ to dt. _____.

Date:

Signature of the competent authority

Place:

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.

ANNEXURE – XII

(Refer Clause No. 11.1 to 11.6 & 13.1)

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:

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 3 years followed 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 / PHYSIOTHERAPY 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 3 years warranty period.

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.


Chief District Medical & Public Health Officer
Keonjhar