DIRECTORATE OF HEALTH SERVICES, ODISHA

STATE DRUG MANAGEMENT UNIT

IN FRONT OF RAM MANDIR, CONVENT SQUARE, BHUBANESWAR-1

Tel / Fax : 0674 – 2380-749 / 750 / 549(F) e-mail – sdmuorissa@yahoo.co.in

Corrigendum No. 3020 Dated 25.09.12

SDMU – II – 04/12.

CLARIFICATION / AMENDMENT IN RESPONSE TO THE PRE-BID QUERIES OF THE RATE CONTRACT TENDER FOR MEDICAL EQUIPMENT FOR ICU/ NCD CELL FOR THE YEAR 2012-13

TENDER REFERENCE NOs. : Bid Reference No. – SDMU/ 2012-13 / EQP – 012

Sl.	Item Name	Queries raised by the prospective bidders	* Clarification/Amendment in response to the queries
1	Ventilator (High End)	Colour TFT screen size should be 10" or more instead of 12" or more.	Colour TFT screen size is amended as 10" or more.
		In 3 loops : P-V,F-V,P-F ; The P-F should not be mandatory.	Amended as 2 loops: P-V,F-V.
		Medical Air Compressor should be USFDA /CE approved.	The medical air compressor should be USFDA/CE certified
		Whether servo controlled stabilizer/CVT is mandatory.	Yes, the provision of servo controlled stabilizer / CVT is mandatory.
		Whether UPS with maintenance free battery for minimum 1 hour back up should be supplied with the system even though the ventilator has 1 hour internal battery backup.	No need of UPS if the ventilator has one hour internal battery backup.
2	Pulse Oximeter	LCD display should also be allowed	Display : TFT or LCD screen
		In Display Parameters: Perfusion index, Battery status and Bar Graph display to be added. SPO_2 range may be changed to 1 to 100% instead of 0 to 100%	SPO_2 range is amended as 1 to 100%.
		Pulse rate range should be 30-250 BPM instead of 0-240BPM.	Pulse rate range is amended as 30-240 BPM
		Should have motion Algorithm and ultra – low perfusion technology	The feature of motion Algorithm and ultra –low perfusion technology is added.
3	Portable Ventilator	Non invasive ventilation, SIMV & spontaneous ventilation mode should be added.	No Change
4	Blood Gas Analyser	Cartridge based system should also be considered along with liquid based system.	Cartridge based system will also be considered.
		In essential measured parameters, Barometric pressure is not required.	Barometric pressure measurement is not mandatory.
		Whether the cost of the reagent /cartridge will be taken into account for evaluation.	Evaluation will be based on the cost of main equipment plus cost of 1000 tests of all the parameters. Accordingly the price schedule format has been amended.

Sl.	Item Name	Queries raised by the prospective bidders	* Clarification/Amendment in response to the queries
5	CBC Machine	Parameters to be measured should be 24 instead of 18.	Parameters to be measured is amended as 24.
		All measureable parameters should be mentioned in specification.	Measurable parameters are:RBC, PLT, WBC,Hb, Hct, MCV, MCH, MCHC, RDW, MPV, PDW, PCT, LYM%, LYM#, Mono%, Mono#, Neut%, Neut#, Baso%, Baso#, Eo%, Eo# and other two parameters as per bidders choice.
		Throughput should be more than 60 samples / Hr instead of 40 samples/Hr	Throughput is amended as 60 samples per Hour.
		Laser based flow cytometry should also be considered.	Flow cytometry method will also be considered.
		In addition to built-in LCD screen, external LCD /TFT colour monitor with PC & software should also be considered.	Amended as built-in LCD screen or external LCD / TFT colour monitor with PC & software.
		Printer should be integrated thermal printer or external laser printer (B/W).	External laser printer (B/W) shall also be considered.
		On board memory should be for 1000 tests instead of 200-250 tests.	No change.
		Should have Cyanide free Hb estimation.	Cyanide free Hb estimation will be required.
		There should be separate scattergram for WBC/Baso using dedicated reagent for basophill.	No Change.
		Reagent cost should be quoted and must consider in evaluation.	Evaluation will be based on the cost of main equipment plus cost of reagents for 1000 tests of all the parameters. Accordingly the price schedule format has been amended.
		Immature Populations must be reported for pathological sample. This is very important and useful for those centers where only technicians are available.	Added to the specification.
6	Semi auto Analyser	Wavelength range should be 340-700nm. Instead of 340-770 nm	Wavelength range amended as 340-700nm.
		User memory should be min. 100 chemistries instead of 50.	No Change.
		Non linear s/w for ELISA reader should be deleted.	Deleted.
		8 position filters should be installed.	8 position filters must be there for wavelength range automatic selection.
		Programmable sipping volume should be 300-1000 ml instead of 100 ml	Programmable sipping volume range is amended to 300-1000 ml.
		Triple cuvette system compatible with PT/APTT/INR estimation should be included.	Triple cuvette system compatible with PT/APTT/INR estimation is added.

			Evaluation will be based on the cost of main equipment plus cost of reagents for 1000 tests of all the parameters. Accordingly the price schedule format has been amended.
7	ICU Bed	CE mark to be omitted.	CE / BIFMA certificate.
		Consider Polypropylene top instead of MS perforated top.	As per quarries and discussions in the pre-bid, specification is amended and made available in the revised Tender document.
		To put dimension and material quality for the total bed.	
		To ask certificate of product ISO : 13485	
8	Multipara Monitor	Should have facility of viewing at least 6 to 8 waveforms simultaneously instead of 8	Facility of viewing at least 6 waveforms
		Should have non-volatile graphic & tabular trend facility for at least 24 hrs instead of at least 24-72 hrs	No change
		Port should be available for future up gradation.	No change
		Needed to be change with mainstream $Etco_2$	Micro stream changed to mainstream
		Must be Nellcor/ masimo/ N.K pulse oximetry	No change
		Facility of downloading data should be either through USB or SD card instead of both USB and SD Data card	Changed to USB/SD card
		More than 1 hr battery backup.	No Change
			As discussed in the pre-bid meeting the following changes are made in the technical specification. a. The dual IBP and mainstream $Etco_2$ should be quoted as optional. b. The second temperature facility (rectal) should be quoted optionally. The revised specification is attached.
9	ETO sterilizer	It should be USFDA & CE certified.	No change
		IEC standard to be added	Yes, added.
		There are two ways of gas disposal: a) Exhausting aerated gas to atmosphere as per OSHA guideline through exhaust pipe duly installed extended above the building. b) Through catalytic converter as per international standard. Please specify option as different cost impact.	The bidder should quote for exhausting aerated gas to the atmosphere as per OSHA guidelines. If the bidder does not have the facility then the exhaust mechanism shall be through catalytic converter as per international standard.
		Capacity of 7 to 10 cub ft should be changed to 45. to 5.5 CuFt.	Capacity is amended to 4.5 to 5.5 cub ft.

		There is no clear guideline to specify full cycle time under international sterilization guideline for low temperature sterilization. More appropriate is the only sterilization time is, item specific being sterilization and to be recommended by the item manufacturer depending upon the Ethylene oxide absorption index of the material /item being sterilization and complexities of the design of the item being sterilized. Ideally 12 hours sterilization time is recommended by international guideline.	No change
		UPS should be only for the equipment as it can't give back up for the air compressor.	UPS not required.
			The following standards are being added to the technical specification. a. The entire unit and gas cartridges should be EPA /Any international equivalent certified. b. Shall meet IEC-60601-1-2001 c. Shall meet any international validation standard.
10	Colour Doppler Ultrasound Scanner	1000 channels should be increased to 30000 channels.	No change
		Dynamic range should be changed from 160dB to 200dB.	No change
		Monitor screen size should be increased from 15" to 17".	No change
		Image management system should be inbuilt.	No Change
		Freehand 3D imaging mentioned should be multiplaner (MPR) 3D so that you can see the sagittal, axial and coronal planes in one screen.	No Change
		Frame rate should be more than 500frames.	Frame rate is amended as 300FPS.
			The bidder should quote the Linear Array probe as optional.
11	DEFIBRILATOR WITH MONITOR	Maximum energy should be of 200 Joules instead of 360 Joules	Maximum energy is amended as 200 Joules
		AED pad to be supplied for adult and paediatric	To be supplied
		Battery capacity of at least 150 minutes or 70 discharges.	No Change
		Optional external pace maker.	The Spo_2 and non-invasive pacing facility is to be optional.
12	BIPAP Machine	Should have BIPAP mode	Yes the machine should have BIPAP mode.
		Should have 5-40 breaths /minutes	Backup rate of 5-40 breathes/minutes
		Should have leak compensation (40-60 litr)	Added 40 – 60 liters

		Additional port for oxygen supplementation.	Yes to be added
13	Suction Machine	There is no ISI motor available in market. So may be change to any national or international standard motor. The sound should be less than 55db instead of 48db.	Motor standard is amended as CE /ISI certified.
14	All **Category II** Items	The average annual turnover criteria (Category II Items) for manufacturer /Importer should be relaxed to Rs. 2 Crore or more instead of Rs.3 Crore or more and for distributor from Rs. 1 crore to Rs. 50 lakhs	The average annual turnover criteria (Category II Items) for manufacturer /Importer is amended as Rs. 2 Crore or more in the last three financial years instead of Rs.3 Crore or more. However, the criteria for the distributors for the Category II items **remain unaltered**.

* **Note : All the amendments mentioned above are incorporated in the revised Tender document. Technical specifications of all other items which are not mentioned above remains unchanged.**

1. **Last date of submission is extended to : 10.10.2012, 11:30 AM**
2. **Date of opening of Cover-A (Technical Bid) : 10.10.2012, 12:00 Noon**

Sd/-
Director of Health Services [O]

Memo No. 3021 Dated 25.09.12

Copy forwarded to the System Analyst, Health & F.W. Department, Government of Odisha, Bhubaneswar for information and necessary action.

He is requested to publish the clarification / amendments and the revised Tender document in HEALTH & F. W. Department website (http://www.orissa.gov.in/health_portal/index.html) of Government and Government of Odisha website (http://www.odisha.gov.in/portal/) immediately. The soft copy of clarification / amendments and revised Tender documents are enclosed herewith for needful.

25/9/12

for Jt. Director of Health Services [SDMU]

Copy to all Notice Boards.

DIRECTORATE OF HEALTH SERVICES

STATE DRUG MANAGEMENT UNIT

Tel / Fax : 0674- 2380750, 2380749

e-mail : semu.orissa@yahoo.in, sdmuorissa@yahoo.co.in

Tender Reference No. SDMU/2012-13/EQP-012

TENDER DOCUMENT FOR SUPPLY & INSTALLATION OF *MEDICAL EQUIPMENTS FOR NCD/ICU/Other Programs (RATE CONTRACT TENDER)*

DIRECTORATE OF HEALTH SERVICES
STATE DRUG MANAGEMENT UNIT
IN FRONT OF RAM MANDIR, CONVENT SQUARE, BHUBANESWAR -1

SECTION -I

NOTICE INVITING TENDER

Tender Reference No. SDMU/2012-13/EQP-012 Dated: 4.9.2012

TENDERS ARE INVITED FROM ELIGIBLE **BIDDERS AS PER THE ELIGIBILITY CRITERIA FOR SUPPLY & INSTALLATION OF MEDICAL EQUIPMENT.**

1	Period of Availability of Tender Document	From 10.9.2012 to 29.9.2012 (Extended till 9.10.2012) [Downloadable from website: http://www.orissa.gov.in/portal/default.asp (all tender link) http://www.orissa.gov.in/health_portal/index.html (Tender & Advt. link)] 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 : 17.9.2012, Time : 11.30 AM Place : State Drug Management Unit, In front of Ram Mandir Square, Convent Square, Bhubaneswar-1
3	Last date & time for submission of Tender	**Date: 1.10.2012, Time: 11.30 AM (Extended to 10.10.2012, 11.30 AM)** **Address of Submission of Bid:** The Joint Director, State Drug Management Unit, In front of Ram Mandir Square, Convent Square, Bhubaneswar-1, Odisha ***(Through Speed post / Registered post / Courier)***
4	Date, time and place of opening of Tender	**a) Technical Bid (Cover A) opening: 1.10.2012, 12 noon at the address mentioned above. (Extended to 10.10.2012, 12 noon)** **b) Financial Bid (Cover B):** *The date of opening of financial bid will be intimated to the firms found successful in the technical bid evaluation.* ***(Venue is mentioned at the address mentioned above)*** ***(Bidders / authorized representative may remain present at the time of opening of bid)***

Director of Health Services (O)

SECTION -II

IMPORTANT INSTRUCTIONS TO BE NOTED CAREFULLY BY THE TENDERERS

<table>
<tr><td>1.</td><td>Mode of Procurement</td><td>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 State Drug Management Unit shall invite tender centrally & evaluate the same. After finalization/approval of the supplier & the rate, the same will be communicated to the Districts and the concerned Chief Medical Officers of the District. The purchase order shall be placed by the Chief Medical Officer of District / State Dug Management Unit / Directorates as per the requirement.</td></tr>
<tr><td>2.</td><td>Purchaser</td><td>Chief District Medical Officer of the Districts / Directorates of H & FW Department , GoO</td></tr>
<tr><td>3.</td><td>Consignee</td><td>District Headquarter Hospitals</td></tr>
<tr><td>4.</td><td>Delivery Period</td><td>Within 60 days from issue of the purchase order.</td></tr>
<tr><td>5.</td><td>Mode of Delivery</td><td>By Air / Road / Rail</td></tr>
<tr><td>6.</td><td>Guarantee / Warranty /CMC</td><td><u>Comprehensive warranty</u> including all spares, maintenance etc. for a period 2(two) years from the date -of installation & commissioning and 3(three) years CMC after warranty period.</td></tr>
<tr><td>7.</td><td>Tender Document Cost</td><td>Rs. 2,100/- (Rs.2,000/-+5% VAT) . The tender document cost is to be submitted in the shape of bank draft in favour of Joint Director, State Drug Management Unit, from any Nationalised / Scheduled Bank payable at Bhubaneswar.</td></tr>
<tr><td>8.</td><td>Earnest Money Deposit (EMD)

(The approx. no. of equipment is mentioned in the Schedule of requirement – Section IV)</td><td>
<table>
<tr><th>Sl.</th><th>Name of Equipment</th><th>EMD (Rs.)</th></tr>
<tr><td></td><td>CATEGORY –I</td><td></td></tr>
<tr><td>1</td><td>Ventilator- High End (ICU)</td><td>3,00,000</td></tr>
<tr><td>2</td><td>Pulse Oximeter</td><td>58,000</td></tr>
<tr><td>3</td><td>Portable Ventilator</td><td>50,000</td></tr>
<tr><td>4</td><td>Blood Gas Analyser</td><td>25,000</td></tr>
<tr><td>5</td><td>12 Channel ECG Machine with Interpretation</td><td>20,000</td></tr>
<tr><td>6</td><td>ICU Bed</td><td>27,500</td></tr>
<tr><td>7</td><td>Mobile X-Ray Machine</td><td>40,000</td></tr>
<tr><td>8</td><td>Multipara Monitor / Vital Sign Monitor</td><td>2,20,000</td></tr>
<tr><td>9</td><td>ETO Steriliser</td><td>1,00,000</td></tr>
<tr><td>10</td><td>Whole Body Digital Colour Doppler</td><td>1,20,000</td></tr>
<tr><td>11</td><td>CBC Machine (5 Part)</td><td>1,10,000</td></tr>
<tr><td>12</td><td>Defibrillator with Monitor</td><td>25,000</td></tr>
<tr><td>13</td><td>Semi Auto Analyser</td><td>10,000</td></tr>
<tr><td>14</td><td>Digital Video Colposcope</td><td>15,000</td></tr>
<tr><td></td><td>CATEGORY –II</td><td></td></tr>
<tr><td>15</td><td>Stand Alone Non Invasive(BIPAP Machine)</td><td>10,000</td></tr>
<tr><td>16</td><td>Emergency Recovery Trolly</td><td>1,000</td></tr>
<tr><td>17</td><td>Dressing Trolly</td><td>600</td></tr>
<tr><td>18</td><td>Tracheotomy Set</td><td>500</td></tr>
<tr><td>19</td><td>Ambu Bag</td><td>500</td></tr>
<tr><td>20</td><td>Clinical Thermometer</td><td>500</td></tr>
</table>
</td></tr>
</table>

		21 | Glucometer (B3) | 500 22 | Infusion pump | 17,500 23 | Syringe Pump | 5,000 24 | Ordinary ECG Machine | 3,000 25 | Continuous & Pulsed Short Wave Diathermy | 1,500 26 | Ultrasound Therapy Unit (Single Head) | 1,500 27 | Cervical Traction (Wall Mount) | 1,500 28 | Trancutaneous Electrical Nerve Stimulator (TENS) | 1,500 29 | Nebulizer | 500 30 | Suction Machine (Electrical) | 27,000 ***Note: The bidder may quote for any or all the equipment by submitting the required EMD for that equipment.*** The Earnest Money Deposit will be paid in the shape of demand Draft only in favour of **Joint Director, State Drug Management Unit** from any Nationalised / Scheduled Bank **payable at Bhubaneswar**.
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 the tax & 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. **The performance security shall be furnished at the Districts / Directorates after getting the purchase order from the concerned Districts / Directorates.**
10.	Pre-qualification **(Eligiblity Criteria)**	**A.** Manufacturing units / Importers are eligible to participate in the tender provided, they have (i) Import License (In case of Importer only) (ii) Valid ISO certificate. (iii) Product must be ISI /CE / US FDA/IEC etc certified as per Technical Specification (Section V) (iv) Tenderer (Manufacturer/Importer) should have proof of supply of **50% of the required quantity** (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 purchase order copies in support of that in last 3years as per format at Annexure VII (Item wise) (v) For **Category I Items**, Proof of annual average turnover (Manufacturers/Importer) of **Rs.10 Crore or more** in the last three (3) financial years certified by the Chartered Accountant as per the format at **Annexure VI**. (vi) For **Category II Items**, Proof of annual average turnover (Manufacturers/Importer) of **Rs. 2 Crore or more** in the last three (3) financial years certified by the Chartered Accountant as per the format at **Annexure VI**.

		B. Authorized distributors on behalf of the manufacturer are eligible to participate in the tender provided: (i) For **Category I items**, they should have proof of annual average turnover of **Rs.2 Crores or more** in the last three (3) financial years certified by the Chartered Accountant as per the format at **Annexure VI**. ii) For **Category II Items**, they should have Proof of annual average turnover of **Rs. 1 Crore or more** in the last three (3) financial years certified by the Chartered Accountant as per the format at **Annexure VI**. iii) In addition to this, the distributor shall also submit the average annual turnover of the **manufacturer/importer** of the **item (s)** as mentioned in A (v) & (vi) above. iv) They should submit **manufacturer's authorization** to transact business on behalf of the manufacturer as per the format at **Annexure - V**. v) Proof of supply of **50% of the required quantity** (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 purchase order copies in support of that in last 3years as per format at Annexure VII (Item wise) (vi) The authorized distributor will submit the following documents in support of the manufacturer along with the tender : Valid ISO certificate Valid ISI / CE / US FDA / IEC certificates of the manufacturer as per technical specification (Section V) **D.** The Manufacturer or the tenderer if blacklisted either by the Tender inviting authority or by any state Govt. or Central Govt. organization for the quoted item is not eligible to participate in the tender during the period of blacklisting.

SECTION -III

TERMS AND CONDITIONS FOR SUPPLY & INSTALLATION OF MEDICAL EQUIPMENTS

1.1 Sealed tenders will be received till 10.10.2012 upto 11.30 AM by the office of the Joint Director, State Drug Management Unit, In front of Ram Mandir Square, Bhubaneswar-1. 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 / Tender Drop Box.**

1.2 Pre-bid conference shall be held in the office chamber of the Joint Director, State Drug Management Unit, In front of Ram Mandir Square, Bhubaneswar-1 on 17.9.2012 at 11:30 A.M. The prospective bidders may attend and clarify any doubts on the terms and conditions of the bid document.

1.3 The bidder(s) are to submit their tenders in **separate** sealed covered envelops 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 Medical Equipments for ICU & NCD Cell " & Tender Reference No._____.

1.4 The Sealed tenders "Cover A" (Technical Bid) submitted by the tenderers will be opened at the office of the Joint Director, State Drug Management Unit, Bhubaneswar at 12 noon on 10.10.2012. 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 (Manufacturer/Importer) should have proof of supply of **50% of the required quantity** (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 purchase order copies in support of that in last 3years as per format at Annexure VII (Item wise)

(v) For **Category I Items**, Proof of annual average turnover (Manufacturers/Importer) of **Rs.10 Crore or more** in the last three (3) financial years certified by the Chartered Accountant as per the format at **Annexure VI**.

(vi) For **Category II Items**, Proof of annual average turnover (Manufacturers/Importer) of **Rs. 2 Crore or more** in the last three (3) financial years certified by the Chartered Accountant as per the format at **Annexure VI**.

(vii) Proof of compliance with IEC Certificate (As per **Section VI** - technical specification) - Medical Electrical Equipments: Particular requirement for Electrical Safety of the equipments.

(viii) 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 alongwith 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) For **Category I items**, they should have proof of annual average turnover of **Rs.2 Crores or more** in the last three (3) financial years certified by the Chartered Accountant as per the format at **Annexure VI**.

(iii) For **Category II Items**, they should have Proof of annual average turnover of **Rs. 1 Crore or more** in the last three (3) financial years certified by the Chartered Accountant as per the format at **Annexure VI**.

(iv) 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) & (vi) above.

(iv) Proof of supply of **50% of the required quantity** (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 purchase order copies in support of that in last 3years as per format at Annexure VII (Item wise).

(v) 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.2,100/- 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. 10 Crore or more in the last 3 financial years or Rs. 2 crore or more in the last 3 financial years depending upon the category I or Category II equipments (In case of bidders who are manufacturer/importer) OR annual average turnover of Rs.2 Crores or more in the last 3 financial years or annual average turnover of Rs.1 Crores or more in the last 3 financial years depending upon category I or Category II equipments (In case of bidders who are authorized distributors of the manufacturer). In case of authorized distributor, they will also have to submit the average annual turnover the manufacturer/importer of the item(s).

3.9 Performance Statement **(Annexure - VII) (Item wise)** during the last three years towards proof of supply of the equipment(s) /similar equipments mentioned in the schedule of requirement 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.

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 VI - Technical Specification).

3.15 Copy of Certificate in support of IEC certificate (as per Section V-Technical Specification).

3.16 Copy of the **up to date VAT** clearance 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 medical equipments 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 in Product in demonstration 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 for 2 years. The price of CMC for 3 years, turnkey job (accessories if any for installation), sales tax / VAT and entry tax 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 Joint Director, State Drug Management Unit (SDMU), Bhubaneswar at a date & time which will be intimated to them by SDMU.

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 Rs.10 Crore or more or Rs.2 Crore or more depending upon category I or Category II Items (in case of Manufacturer/Importer) OR Rs. 2 Crore or more or Rs. 1 Crore or more depending on the Category I or Category II Items (In case of authorized distributors) in the last 3 financial years as per Annexure –VI. In case of authorized distributor, they will 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.Valid ISO certificate of Manufacturer

(v) Valid ISI / CE / US FDA certificate of the manufacturer as per Section VI – Technical Specification.

(vi) IEC Certificate of the manufacturer as per as per Section VI – Technical Specification.

(vii) Proof of supply/ installation of **50% of the required quantity** (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 certificate in support of that from the user during the last three years (Item wise)

(viii) Major deviations from the technical specification of the item(s) as per tender.

(ix) Price bid / quoted rate with signature and seal (Hard Copy).

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 Joint Director, State Drug Management Unit, Bhubaneswar from any Nationalized / Scheduled Bank payable at Bhubaneswar.

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(ies)

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 Gurantee from a Nationalised / Scheduled Bank in favour of the CDMO of the concerned District /Joint Director, SDMU / Head of the Directorates (as the case may be depending on the requirement) equal to the amount of 10% of the purchase order value of the item (excluding cost of CMC & taxes) 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. two 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 medical equipments 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 excise duty / customs duty, packing, forwarding, insurance, transportation charges with 2 years onsite comprehensive warranty and exclusive of Sales Tax/VAT & Entry Tax should ***be quoted for the medical equipments (Item wise) on door delivery basis. The turnkey job (cost of accessories if any required for Installation/Commissioning), 3 year CMC cost &*** Sales Tax/VAT & Entry Tax ***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.

8.9 The rate quoted and accepted will be binding on the tenderer for a period of **one year** from the date of approval of the rate contract and on no account, any increase in the price will be entertained till the completion of this tender period.

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 Approved rate with terms, conditions & the quoted price of the tender shall remain valid for a period of 12 months from the date of approval of the rate contract or till issue of next rate contract for these items whichever is earlier.

8.13 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.

8.14 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.

8.15 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 his own rate for any item other than the item specified in the list. (**Section V – Schedule of Requirement**).

8.16 Both Cover-A and Cover-B should have an **index and page number** of all the documents submitted inside that cover.

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

8.18 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 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 2 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 installation.

11.2 The warranty will cover **all the parts of the machine or item and any replacement or repair required** within the warranty period 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 two (2) years of warranty. No extra cost will be paid other than the CMC cost for functioning of the item during this period. The supplier will provide one **(1)** preventive maintenance in every **six months** in a year during the period of CMC.

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 at the time of installation.

TRANINING & OPERATIONAL MANUAL:

12.1 The firm / supplier will provide hands on training to two doctors and two technicians of the concerned District in his own cost for operating / handling the medical equipment(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 2 years from the date of installation & commissioning.

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

DOWNTIME PENALTY CLAUSE:

14.1 During the Guarantee / warranty period, desired uptime of 95% of 365 days will be ensured (24 hour). If downtime exceeds 5%, penalty in the form of extended warranty, double the number of days for which the equipment goes out of service will be applied. The supplier must undertake to supply all spares for optimal upkeep of the equipment for **TWO 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 / warrantee 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 60 days** from the date of issue of purchase order unless otherwise specified. If no supply is received even after 60 days or 88 days with liquidated damage from the date of issue of the purchase orders , 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 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 t*he item quoted by the tenderer who qualify technically will be evaluated after taking the following points into consideration: -

a) Rate of the medical equipments will be taken after inclusion of the excise duty / customs duty, transportation, insurance, packing & forwarding & comprehensive warranty for two (2) years, cost of turnkey (cost of accessories if any for installation/commissioning) & CMC for for next three(3) years but excluding VAT & ET.

b) The cost of the medical equipments (excise duty / customs duty, transportation, insurance, packing & forwarding & comprehensive warranty for two (2) years but excluding VAT & ET), cost of turnkey (cost of accessories if any for Installation & Commissioning with all taxes for turnkeys) & cost of CMC for next three(3) years after warranty will be added for evaluation.

c) The circulars issued by the Finance Department, Govt. of Odisha from time to time regarding tax matters shall be taken into account for evaluation and shall be binding on the bidders. As per the Govt. of Odisha Finance Deptt. Order No. 48317(230)/F dt.23.11.2010, in comparing the cost of an article, if purchased from within the State with the price of similar article if purchased from outside the State, the amount of Odisha Sales Tax (OST) now VAT shall be deducted from the total cost since it accrues back as revenue to the State. If after such deduction, the cost of articles to be purchased within the State is not more than the cost of including Central Sales Tax, transport and other charges of similar articles from outside the State, it would be economical to purchase articles within the State.

LIQUIDATED DAMAGE :

19.1 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. 60 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. 88 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 medical equipments 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% tax shall be paid to the supplier on receipt of the stock entry certificate, installation and demonstration of the item from the consignee. The balance 10% of the payment of equipment will only be made after receipt of certificate on working status of the equipment from the consignee after 6 weeks of installation and commissioning of the equipment for which, the supplier has to raise two bills **(A)** one for 90% of the cost of the equipment + 100% turnkey job + 100% taxes **(B)** the other for balance 10% of the cost of the equipment.

20.3 Payments 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 submitted 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 Civil Court of the concerned District or 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 / SSIs 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 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 the Equipment	Qty (Approx.)	Place of Supply/Installation	Time for Installation
	CATEGORY – I			
1	Ventilator- Highend (ICU)	25	For items : Pulse Oximeter & Suction Machine (Electrical)] : Dist. Head Quarter Hospitals & Periphery Institutions of Odisha For all other Items : Dist. Head Quarter Hospitals (Nabarangpur, Nuapada, Bolangir, Malkangiri, Koraput, Cap. Hospital, Mayurbhanj, Puri, Balasore, Bargarh, Kalahandi) Further DHHs may be added if required during the rate contract period.	Within 60 days from the date of placement of purchase order.
2	Pulse Oximeter	77		
3	Portable Ventilator	10		
4	Blood Gas Analyser	5		
5	12 Channel ECG Machine with Interpretation	10		
6	ICU Bed	55		
7	Mobile X-Ray Machine	10		
8	Multipara Monitor / Vital Sign Monitor	55		
9	ETO Steriliser	10		
10	Whole Body Digital Colour Doppler	10		
11	CBC Machine (5 Part)	10		
12	Defibrillator with Monitor	5		
13	Semi Auto Analyser	5		
14	Digital Video Colposcope	5		
	CATEGORY – II			
15	Stand Alone Non Invasive (BIPAP Machine)	10		
16	Emergency Recovery Trolly	5		
17	Dressing Trolly	5		
18	Tracheotomy Set	10		
19	Ambu Bag	10		
20	Clinical Thermometer	10		
21	Glucometer (B3)	10		
22	Infusion pump	35		
23	Syringe Pump	10		
24	Ordinary ECG Machine	5		
25	Continuous & Pulsed Short Wave Diathermy	5		
26	Ultrasound Therapy Unit (Single Head)	5		
27	Cervical Traction (Wall Mount)	5		
28	Trancutaneous Electrical Nerve Stimulator (TENS)	5		
29	Nebulizer	10		
30	Suction Machine (Electrical)	140		

N.B: The quantity of requirement may increase or decrease as per the requirement during the rate contract period.

SECTION –V
TECHNICAL SPECIFICATIONS
CATEGORY - I

1. Ventilator-High End (I.C.U)

Microprocessor Controlled ventilator with integrated facility for Ventilation monitoring suitable for New born to adult ventilation.

Eligibility Criteria:

a) Should be USFDA and CE of the quoted model

b) Manufacturer should be ISO certified for quality standards.

c) Shall meet IEC-60601-1-2: 2001 General Requirements of Safety for Electromagnetic Compatibility or should comply with 89/366/EEC; EMC-directive

Technical Specifications:

Standard hinged arm holder for holding the circuit
Colored TFT screen, 10 Inch or more

Facility to measure and display

a) 3 waves- Pressure and Time, Volume and Time and Flow and Time.
b) 2 loops (P-V, F-V) with facility of saving of 2 Loops for reference.
c) Graphic display to have automatic scaling facility for waves
d) Status indicator for Ventilator mode, Battery life, patient data, alarm settings, clock etc
e) Trending facility for 24-72 hours with minimum 5 minutes resolution for recent 24 hours.
f) Automatic compliance & Leakage compensation for circuit and ET Tube

Following settings for all age groups.

a) Tidal Volume
b) Pressure (insp)
c) Pressure Ramp
d) Respiratory Rate
e) SIMV Respiratory Rate
f) CPAP/PEEP
g) Pressure support
h) FIO2
i) Pause Time
j) Pressure & Flow Trigger

Monitoring of the following parameters

a) Airway Pressure (Peak & plateau)
b) Tidal volume (Inspired & Expired)
c) Minute volume (Inspired and Expired)
d) Spontaneous Minute Volume

e) Total Frequency
f) FIO_2 dynamic
g) Use selector Alarms for all measured & monitored parameters

Modes of ventilation

a) Volume controlled
b) Pressure Controlled
c) Pressure Support
d) SIMV (Pressure Control and volume control) with pressure support
e) CPAP/PEEP
f) Inverse Ratio Ventilation
g)Non Invasive ventilation

Apnea /backup ventilation
Expiratory block should be autoclavable and no routine calibration Required

Nebuliser with capability to deliver particle size of < 3 micron & to be used in both Off and On line Automatic Patient Detection facility preferable

Medical Air Compressor.

a) Stand-alone Medical Air compressor
b) Snap fit with the Ventilator module to provide an oil free Medical air.
c) Peak output flow should be minimum 160 LPM.
d) **The medical air compressor should be USFDA/CE Certified**
e) Air quality should comply with ISO compressed air purity class.
f) Medical Air Compressor should automatically activate in the event of wall air supply loss.
g) Replacement of internal filters should be performed without removing the compressor
h) Should have washable air filter.

Technical Specifications for reusable face mask & nasal mask.

Reusable face & nasal mask with textured dual flap silicone cushion flap for easy fit. Removable forehead support and pad to match the angle of patient's forehead Stability Selector for easy fit and angle. headgear attachments. Should be autoclavable. Battery back up for minimum 1 hour.

System Configuration Accessories, spares and consumables

ICU Ventilator – 01
Adult and Paediatric autoclavable silicone breathing circuits – 01 Each
(a) Reusable Masks (Small, Medium, Large) with each machine. - 01 sets each
(b) All Accessories for non invasive ventilation – 1 sets Medical Air Compressor. Humidifier -Servo controlled with digital monitoring of inspired gas temperature complete with heating wire – 01 Filter paper for humidifier for 100 uses – 01
Power Supply
Should work on 220-240V AC as well as batteries. Mains adaptor to be supplied.
Should be supplied with Suitable Servo controlled Stabilizer/CVT
Resettable over current breaker shall be fitted for protection.

Suitable UPS with maintenance free batteries for minimum one hour back up should be supplied with the system. However, if the ventilator has one hour internal battery backup, then UPS is not required.

Documentation

- User manual in English
- Service manual in English
- Compliance reports to be submitted in a tabulated and point wise manner clearly mentioning the page/Para number of original catalogue/data sheet. any point, if not substantiated with authenticated catalogue/manual ,will not be considered

2. PULSE OXIMETER

Operational Requirements:

Suitable for all types of Patient range: Adult, paediatric

Standalone type for Continuous monitoring in ICU (Not hand held type)

Product Eligibility Criteria:

- Should be US FDA and CE of the quoted model
- Manufacturer should be ISO certified for quality standards.
- Shall meet IEC-60601-1-2: 2001 General Requirements of Safety for Electromagnetic Compatibility or should comply with 89/366/EEC; EMC-directive

Technical Specifications:

- Display- TFT / LCD screen
- Parameters and waveform displayed- SPO_2, pulse rate, system status, plethysmogram, menus for user settings SPO_2 range- 1-100 %
- Accuracy of SPO_2- +3%
- Pulse rate range should be 30-240 bpm
- Should have the feature of motion algorithm and ultra-low perfusion.
- Audiovisual Alarms- High/low SPO_2 and pulse rate, sensor off, sensor failure, low battery Alarm override facility Cable length should be minimum 1 meter RS 232C Interface for data communication. Battery back-up operating time 5 hours internal & rechargeable.
- System Configuration Accessories, spares and consumables
- Reusable SPO_2: Adult SPO_2 sensor with cable- two nos. per monitor and Pediatric SPO_2 sensors- one no. per monitor.

Power Supply:

Should work on 220-240V AC as well as batteries. Mains adaptor

Documentation

- User manual in English
- Service manual in English
- Compliance reports to be submitted in a tabulated and point wise manner clearly mentioning the page/Para number of original catalogue/data sheet. any point, if not substantiated with authenticated catalogue/manual ,will not be considered

3. PORTABLE VENTILATOR

Eligibility Criteria:

- Should be US FDA and CE of the quoted model
- Manufacturer should be ISO certified for quality standards.

Technical Specification:

- Should be microprocessor controlled, portable, light weight.
- Should operate with main electric supply as well as with battery.
- Should be able to work both with cylinders and pipeline, connectors and high-pressure tubing of appropriate length to be supplied
- Should have turbine/piston- technology for supplying air- oxygen mixture.
- Should have following modes of ventilation
- CMV, Assist-control, PS-PEEP
- Audio-visual alarms for
  - ✓ Low supply pressure
  - ✓ High/low airway pressure
  - ✓ Leakage/disconnection
  - ✓ Power failure
  - ✓ Apnea
  - ✓ Low battery
- Should have following settings
  - ✓ TV 50 – 1500ml
  - ✓ PEEP/CPAP & PS
  - ✓ RR up to 40bpm
  - ✓ I: E ratio 1:3 to 2:1
  - ✓ FiO2 40 – 100%
  - ✓ Rechargeable batteries.
- Should fix, on rails of transport trolley and on stand with wheels. Two sets of reusable silicon ventilator circuits.
- Must have at least 4hrs of power backup.

Power Supply:

- Should work on 220-240V AC as well as batteries. Mains adaptor to be supplied
- Internal battery- lithium ion

Documentation

- User manual in English
- Service manual in English
- Compliance reports to be submitted in a tabulated and point wise manner clearly mentioning the page/Para number of original catalogue/data sheet. Any point, if not substantiated with authenticated catalogue/manual ,will not be considered

4. Blood Gas Analyser

Eligibility Criteria:

a) Should be US FDA / CE of the quoted model

b) Manufacturer should be ISO certified for quality standards.

Technical Specification:

Fully automatic cum electrolyte analyzer (Liquid / Cartridge based System).
Essential Measured parameters; pH, pCO_2, pO_2, Na+, K+, Ca++, Cl- . All these parameters should be measured simultaneously. Calculated parameters should include BE, BE ecf, HCO_3, Anion Gap etc. Sample volume-less than 100ul. Fast analysis time – less than 60 sec. Maintenance free electrodes with individual electrodes ON/OFF facility. Fully automatic liquid calibration of all parameters at user-defined intervals without the use of Gas calibrated reagents, external gases, tanks or regulators. Continuous reagent level monitoring with graphic display. Data display on well-illuminated, adequate size LCD color touch screen display. Data print out on built in graphic printer. Built in auto Quality control facility. Suitable UPS with 30 min backup. [Cost of Reagents / Catridges for 1000 tests of all parameters has to be quoted in the price schedule, which will be taken into account for evaluation]

Power Supply

Should work on 220-240V AC as well as batteries. Mains adaptor to be supplied

Documentation

- User manual in English
- Service manual in English
- Compliance reports to be submitted in a tabulated and point wise manner clearly mentioning the page/Para number of original catalogue/data sheet. any point, if not substantiated with authenticated catalogue/manual ,will not be considered

5. 12 CHANNEL ECG MACHINE COMPUTERISED

Description of function:
ECG Machine is a primary equipment to record ECG Signal in various configurations. 12 channels with interpretation is required for recording and analyzing the waveforms with a special software.

Product Eligibility Criteria:

- Should be US FDA and CE of the quoted model
- Manufacturer should be ISO certified for quality standards.
- Shall meet IEC-60601-1-2 :2001 General Requirements of Safety for Electromagnetic Compatibility.

Operational requirements:

The ECG Machine should be able to acquire all 12 Leads simultaneously and interpret them.

Technical Specifications:

- Should acquire simultaneous 12 lead ECG for both adult and paediatric patients
- Should have Real time ECG waveforms with signal quality indication for each lead
- Should have Artefact, AC and low and high pass frequency filters.
- Should have a storage memory of at least 100 ECGs with easy transfer by optional modem and data card.
- Should have full screen preview of ECG report for quality assessment checks prior to print.
- Should have interpretation facility of the amplitudes, durations and morphologies of ECG waveforms and associated rhythm for adult and pediatric patients.
- Should have alphanumeric Keyboard for patient data Entry.
- Sampling rate should be more than 2000/sec.

Virtual or Hard keys:

- Should have High resolution (200 dpi x 500 dpi on 25 mm/sec speed) digital array A4 size printer using thermal sensitive paper.
- Should have report formats of 3 x4; 6 x2, Rhythm for up to 12 selected leads; 12 Lead Extended measurements, 1 minute of continuous waveform data for 1 selected lead.
- Should have battery capacity of at least 30 ECGs of continuous rhythm recording on single charge
- Should be able to be connected to HIS /LAN
- Should display ECG on LCD/TFT Display of 640 x 480 pixel resolution.

System Configuration, Accessories, spares and consumables:

- ECG Machine 12 Leads with Interpretation 01
- Patient Cable 01
- Chest Electrodes Adult (set of six) 01 sets.
- Chest Electrodes Paediatric (set of six) 01 sets.
- Limb Electrodes (set of 4) 01 sets
- Thermal Paper A4 Size for 500 patients

NB : Bidder should quote the rate of ECG paper per patient which will be valid for one year from the date of installation.

Power supply:

Power input to be 220-240VAC, 50Hz fitted with Indian plug
Resettable over current breaker shall be fitted for protection.

Documentation

- User manual in English
- Service manual in English
- Compliance reports to be submitted in a tabulated and point wise manner clearly mentioning the page/Para number of original catalogue/data sheet. any point, if not substantiated with authenticated catalogue/manual ,will not be considered

6. ICU BED

Eligibility Criteria:

a) Should be CE / BIFMA approved product
b) Should have following certification –ISO14001-1996 for Environment friendly features and ISO 9001-2000 for quality product.

Technical Specification:

Standard High quality ICU bed with following standard features and accessories:-

- It should have the overall approx. dimension of 2180 mm L x 1010 mm W
- Variable heights from approx. 470 mm to 700 mm. (without mattress).
- **It should be made of rectangular & tubular MS frame structure**
- The lying surface should be made of CRCA perforated sheet of 1.2 mm
- Should have broad base, Mobile with 4 Caster wheels 125 mm dia and with dual locking facility. The bed should have multiple section (four) for various positions and patient comfort.
- The ICU bed should have with adjustment of backrest, upper leg height and trendelenburg and reverse trendelenburg position on separate crank mechanism provided at foot end of the bed.
- The movement should be smooth without resistance.
- It would have all the following features as well:-
  - Detachable **Polymer moulded** head & foot board.
  - Detachable and collapsing type (not side folding) SS side rails for patient protection.
  - Should have heavy duty SS saline stand that can support 2-3 syringe / infusion pumps.
- Four section quality foam mattress (PU foam of high density > 30 Kg/M^3 with PVC rexine covering)
- Should have patient chart holder.
- Should have chest drain bag holder & urine bag holder
- Should have lifting pole with hand grips at the head end
- **Pre-treated and epoxy powder coated Finish**

Documentation

- User manual in English
- Service manual in English
- Compliance reports to be submitted in a tabulated and point wise manner clearly mentioning the page/Para number of original catalogue/data sheet. any point, if not substantiated with authenticated catalogue/manual ,will not be considered

7. Mobile X-ray Machine

Description Of Function:

Mobile X-Ray Unit is required to perform X-Ray studies in Emergency and trauma departments and at bedside in wards and ICU.

Eligibility Criteria:

a) Should be US FDA / CE of the quoted model

b) Manufacturer should be ISO certified for quality standards.

Technical Specification :

Compact, lightweight, easily transportable mobile radiographic unit suitable for Bedside x-ray for intensive care units. Operation theaters and also in the Radiology department for conventional radiography.

The unit must have an effective braking system *for* parking, transport and emergency braking. The tube stand must be fully counterbalanced with rotation in all directions
It must have an articulated arm for maximum positioning flexibility in any patient position.
AII cables should be concealed in the arm system
The unit must have cassette storage facility for all size of cassettes

X-ray Generator with digital display of mAs and kV

1. Output Power : <10 kW
2. Output Waveform : High Frequency
3. kV :40- 125 kV,
4. mA : <160 mA
5. mAs range : 6mAs-200 mAs
6. Cable length : not less than 2 m

X-ray Tube

1. Rotating Anode (atleast2500-rev/min)
2. Focal Spot : within 0.6 x 0.6 mm to 1.3 x 1.3 mm
3. Total filtration : minimum 2.5 mm Al

4. Tube angulations :

horizontal movement at least 45 cm
vertical movement at least 100 cm
z-axis rotation at least ± 90 degrees
x-axis rotation at least ± 90 degrees

Accessories:

1-Grid(stationary)

Accreditation

1. The unit / Model must have type approval or No objection certificate from the Atomic Energy Regulatory Board (AERB), Government of India, Mumbai (enclose copy).

Environmental factors

Operationg Temperature 10- + 40 deg.C
Storage Temperature - 20 to +55 deg C
Operating Humidity- 30%- 80%
Storiage humidity 10 % to 100%

Power supply

Power input to be 220-240VAC, 50Hz fitted with appropriate Indian plug
Resettable overcurrent breaker shall be fitted for protection

Documentation

- User manual in English
- Service manual in English
- Compliance reports to be submitted in a tabulated and point wise manner clearly mentioning the page/Para number of original catalogue/data sheet. any point, if not substantiated with authenticated catalogue/manual ,will not be considered

Turnkey: (refer clause 10)

1. The purchaser will only provide the external power supply.
2. All other accessories will be provided by the supplier so that the equipment can be installed and commissioned immediately.

3.The supplier must visit the site of installation.

8. Multiparameter Monitor / Vital Sign Monitor

Description of Function:

To measure and monitor of vital parameters of patient in ICU.

Eligibility Criteria:

a) Should be USFDA and CE of the quoted model.

b) Manufacturer should be ISO certified for quality standards.

c) Shall meet IEC-60601-1-2 :2001(Or Equivalent BIS) General Requirements of Safety for Electromagnetic Compatibility.or should comply with 89/366/EEC; EMC-directive.

Technical Specifications:

1. Should have the facility of monitoring ECG, RR, SpO_2, NIBP, One Temp for Adult, Paediatric & Neonatal Applications.Dual IBP and Mainstream Capnography for Adult, Paediatric & Neonatal applications.
2. Should be upgradable to Dual IBP, Mainstream Capnography & 2nd Temp (Rectal). The cost of upgradable parameters are to be quoted separately which will be taken into account for evaluation.
3. Should have built in mainstream capnography facility to measure end tidal and functional inspired values of CO_2 alongwith calculation of respiration rate.
4. The microstream capnography should measure End tidal and Fractional Inspired values of CO_2 along with calculation of respiration rate.
5. Should have integrated colour TFT display of at least 12" or more.
6. Should have facility of viewing at least 6 waveforms simultaneously.
7. Should have detection facility for advanced arrhythmias.
8. Must use Nellcor/Masimo branded pulse oximetry module with facility for display of Plethysmograph, Pulse strength & SpO_2 values.
9. Should have IBP waveform overlapping facility.
10. Should have non – volatile Graphical & Tabular trend facility for at least 24-72 hrs
11. Should have facility of downloading data on a USB port / SD card.
12. Should have alarm limits with alarm levels and alarm indication (visual as well as audio)
13. 5 lead ECG measurement and simultaneous monitoring of two temperatures.
14. Monitor should communication with Central Nurses station meant for connecting / monitoring simultaneously at least 16 monitors.
15. Monitor should have built in Electro Surgical Unit & Defibrillator protection.
16. Monitor should have an optional facility for 12 lead ECG
17. The monitor should have 1 hour Battery Backup.
18. Unit should be supplied with following accessories:
    a. 5 lead ECG cable x1
    b. NIBP CUFF- Paediatric x 1
    c. NIBP CUFF- Adult x 1
    c. Temp probe Skin x 1
    d. SpO_2 PROBE – One for adult use and one for Paediatric
    e. Accessory kit for Capnography – x 1 (Quote as Optional)
    h. Temp. Probe Skin - x 1 (Quote as Optional)
    i. Reusable IBP transducer with cables x 2 (Quote as Optional)

Power Supply

Power input to be 220-240VAC, 50Hz fitted with Indian plug

Documentation

- User manual in English
- Service manual in English
- Compliance reports to be submitted in a tabulated and point wise manner clearly mentioning the page/Para number of original catalogue/data sheet. any point, if not substantiated with authenticated catalogue/manual ,will not be considered

9. ETO STERILIZERS

Description of Function

"Ethylene oxide sterilizer" is defined as equipment which uses ethylene oxide as a biocide to destroy bacteria, viruses, fungus and other unwanted organisms. Ethylene oxide is used in sterilization of items that are heat and moisture sensitive

Operational Requirements

The ETO gas sterilizer should be fully automatic type for sterilization of heat sensitive goods such as anesthetic tubing and other plastic disposable materials etc.

Eligibility Criteria:

a) Should be US FDA or CE of the quoted model.

b) Manufacturer should be ISO certified for quality standards.

c) The quoted model and the gas cartridges should be EPA/ Any equivalent international standard.

d) Shall meet IEC 60601-1-2001

e) Shall meet any international standard for ETO safety.

f) Should have local service facility .The service provider should have the necessary equipments recommended by the manufacturer to carry out preventive maintenance test as per guidelines provided in the service/maintenance manual.

Technical Specifications

The sterilization chamber should be double walled, corrosion and gas resistant of suitable alloy. The inner surface should be smoothly finished to minimize gas deposits. The chamber shall be insulated against heat emission and the jacket shall be connected to the warm water circulation arrangement.

The sterilizer door shall have a quick release locking arrangement with door opening. Suitable safety interlocking arrangement shall be provided for the door so that the

sterilization process does not start unless the door is properly locked in position and during the program run it should not open.

The sterilizer shall be provided with a suitable vacuum pump and gas trap to separate and evacuate the gas.

The sterilizer shall be provided with an automatic programmable panel with memory for preset operating sequence of all programs of operation. Monitoring instruments should be provided with the ETO for proper operation and monitoring of sterilizing process such as pressure manometer, thermometer, limit selector for temperature and pressure etc.

The ETO sterilizer should be able to operate for the minimum essential following cycles programmes:

a. Sterilization cycle for heat sensitive objects that ensure temperature from 40-75 ^{0}C with subsequent aeration for protection of the operating personnel.

b. Aeration cycle/program to extract residual gas out of the sterilized objects after each sterilization cycle.

c. Automatic chamber evacuation cycle with subsequent venting before releasing the door lock for opening, thereby prohibiting exposure of the operating personnel by as dissolving from the chamber walls during shutdown period.

d. Gas disposal arrangement / catalytic converter. The bidder should quote for gas disposal arrangement for exhausting aerated gas to the atmosphere as per OSHA guideline. If the bidder does not have the facility, then the exhaust mechanism shall be through catalytic concereter as per international standard.

Capacity: 4.5 – 5.5 cubic feet/per cycle with capacity to process 18-20 cubic feet/24 hr. Firm should clearly state cycle time (Time from start to finish including aeration time) so that capacity to process total load in 24 hr can be calculated.

Technical Data:

a. Sterilization gas: Ethylene oxide.
b. Sterilization method: Cold sterilization of heat sensitive materials.
c. Operating temp. Range: 40 to 75 ^{o}C
d. No. of doors: One.

System Configuration Accessories, spares and consumables

System as specified-
Sterilization basket of suitable size 1 No.
ETO gas cartridges 25 Nos.
Compressed Air Plant
Packing Material with Chemical Indicator of all sizes one roll each
Sealing Machine Heavy Duty - 1 No.

Power Supply

Power input to be 180-270VAC, 50Hz

10. COLOUR DOPPLER ULTRASOUND SCANNER

Description of function:

For whole body Ultrasound Anatomical studies, Blood Flow Studies and 3D studies

Eligibility Criteria:

- Should be US FDA and CE of the quoted model.
- Electrical safety conforms to standards for electrical safety IEC-60601 / IS-13450
- Manufacturer should be ISO certified.

Operational requirements:

- Digital Ultrasound system platform for excellent 2D , Colour & Power Doppler and 3D Imaging capability.

Technical Specification:

- Must have minimum 1000 digital channels
- Should have 15" or more high resolution LCD monitor with tilt and swivel.
- Line density 512 lines
- Dynamic range>160dB
- Frame rate should be more than 300 FPS
- Penetration upto 30 cms
- Shold be provided with three active transducer port.
- Upto 4 selectable frequencies in each probe
- Tissue harmonic imaging with phase inversion, pulse inversion, or wide-bandwidth imaging technology.
- Inbuilt 3D imaging with hand acquisition and auto sweep.
- Must have minimum of 4 rendering modes with measurements.
- Machine should have cine facility.
- Should automatically equalize gain and brightness with touch of one button.
- Ability to enhance 2D and tissue harmonic penetration and colour sensitivity momentarily to improve visualization in difficult patients.

- Imaging with multiple line of sight combined to a single line of sight to imrove resolution.
- Should provide for vascular imaging enhancing by by using power Doppler to enhance B Mode image.
- Machine should have thermal printer.
- Appropriate technology to provide uniform and thick slice thickness.
- Software for various applications including Vascular, Abdomen, Foetal echo, Transcranial and cardiac studies should be available.
- System Should be Supplied with the following:
    - ❖ 2-5 MHz Convex Array probe.
    - ❖ 4-10 MHz Endocavity probe
    - ❖ PC Based Image management system
    - ❖ Black and white laserjet printer for reporting
    - ❖ 5-13 MHz Linear Array Probe (To be quoted optionally) shall be taken into evaluation

Power supply:

- ➢ Power input to be 220-240VAC, 50Hz, fitted with Indian plug
- ➢ UPS of suitable rating shall be supplied
- ➢ Constant Voltage Stabiliser shall be supplied

Documentation:

- User manual in English
- Service manual in English

Compliance Report to be submitted in a tabulated and point wise manner clearly mentioning the page/para number of original catalogue/data sheet.

11. CBC Machine (5part)

Eligibility Criteria:

- Should be US FDA and CE of the quoted model.
- Should be compliant to ISO 13485: Quality systems - Medical devices - Particular requirements for the application of ISO 9001.applicable to manufacturers and service providers that perform their own design activities.

- Should have local service facility .The service provider should have the necessary equipments recommended by the manufacturer to carry out preventive maintenance test as per guidelines provided in the service/maintenance manual.

Technical Specifications:

- Automatic blood cell counter that measures 24 parameters including 5-part differential of WBC is required complete with printer.
- Parameters to be measured are : RBC, PLT, WBC, Hb, Hct, MCV, MCH, MCHC, RDW, MPV, PDW, PCT, LYM%, LYM#, Mono%, Mono#, Neut%, Neut#, Baso%, Baso#, Eo%, Eo# and other two parameters as per bidder's choice.
- Histogram WBC 5-part diff distribution, RBC distribution, PLT distribution .HC, RDW, PLT, MPV, PCT, PDW.
- Measurement Principle : Electrical impedance method / Flow cytometry method
- Sample volume : Whole blood upto 150 µL. It should also be able to give all parameters with a finger prick volume of app 20 µL
- Throughput >= 60 samples per hour.
- Built in LCD screen / External LCD or TFT colour monitor with PC & software.
- Linearity Ranges WBC 0.5-80.0 * 103/µL
  RBC 0.20-7.50 * 106/µL
  HGB 2.0-25.0 g/dL
  HCT 10.0%-70.0%
  PLT 10-999 * 103/µL
- Reproducibility (CV) WBC
  RBC
  HGB
  HCT
  PLT
  LYM%
  MON%
  GRA%
- The sampling probe should be automatically cleaned off, so that any blood stack doesn't occur.
- Should have cyanide free Hb estimation.
- Should have immature population reporting facility.
- It should take only 60-80seconds to acquire the measurement result

- Various sensors should check the condition of the instrument. If any abnormality is detected, an error message be displayed so that occurrence of trouble is prevented
- Integrated thermal printer / External laser printer (B/W)
- On board memory for about 200-250 tests records.
- Monitoring and flagging functions.
- Automatic startup, Electronic self checks, rinsing and background count check and automatic cleaning in case of blockage in capillary/ bubble in fluid.
- Printer paper for at least 1000 test should be provided
- Reagent cost should be quoted separately for 1000 tests of all parameters in the price schedule, which shall be taken into account for evaluation.

Power Supply

Power input to be 180-270VAC, 50Hz and UPS of suitable rating with voltage regulation and spike protection for 30 minutes back up.

Calibration : The CBC Machine need to be caliberated in every 6 months during the warranty period as well as CMC period. . The cost of such caliberation should be mentioned in the unit price as well as in CMC price..

Documentation

- User/Servive manual in English
- Compliance reports to be submitted in a tabulated and point wise manner clearly mentioning the page/Para number of original catalogue/data sheet. any point, if not substantiated with authenticated catalogue/manual ,will not be considered

12. DEFIBRILLATOR WITH MONITOR

Description of function

Defibrillator is required for reviving the heart functions by providing selected quantum of electrical shocks.

Product Eligibility Criteria:

- Should be US FDA and CE of the quoted model
- Manufacturer should be ISO certified for quality standards.
- Shall meet IEC-60601-1-2 :2001(Or Equivalent BIS) General Requirements of Safety for Electromagnetic Compatibility or should comply with 89/366/EEC; EMC-directive.

Operational requirements:

- Defibrillator should be Bi Phasic
- Should monitor vital parameters and display them
- Should print the ECG on thermal papers
- Should work on Manual and Automated external defibrillation (AED) mode
- Should be capable of doing synchronized cardioversion
- Can be operated from mains as well as battery

Technical Specifications:

- Should be a Low Energy Biphasic defibrillator monitor with Recorder having capability to arrest all arrhythmia within a maximum energy of 200 Joules
- Should monitor ECG through paddles, pads and monitoring electrodes and Defibrillate through pads and paddles.
- Should compensate for body impedance for a range of 25 to 150 Ohms
- Should have a built in 50 mm thermal printer
- Should have charging time of less than 5 seconds for maximum energy.
- Should have bright electro luminescent display for viewing messages and ECG waveform.
- Should have external paddles with paddles contact indicator – for good paddle contact. Both Adult and paediatric paddles should be available.
- Should have event summary facility for recording and printing at least 250 events and 50 waveforms.
- Should have a battery capable of usage for at least 90 minutes or 40 discharges.
- Should be capable of printing Reports on Event summary, configuration, self test, battery capacity etc
- Should have facility for self test/check before usage and set up function
- SPO_2 and non invasive pacing facility (Optional)
- Should be capable of delivering energy in increments of 1-2 joules up to 30J and increments of maximum 50J thereafter.

System Configuration, Accessories, spares and consumables:

- Defibrillator 01
- Paddles Adult (pair) 01
- Paddles –Paediatrics (pair) 01
- Patient cable 01
- ECG Rolls 05
- SPO_2 Finger Probe Adult 01
- SPO_2 Ear probe 01
- SPO_2 Paediatric probe 01
- AED Pad : Adult (1) & Paediatric (1)

Power supply:

- Power input to be 220-240VAC, 50Hz
- Should have the facility for over current protection

Documentation

- User manual in English
- Service manual in English
- Compliance reports to be submitted in a tabulated and point wise manner clearly mentioning the page/Para number of original catalogue/data sheet. any point, if not substantiated with authenticated catalogue/manual ,will not be considered

13. SEMI AUTO ANALYSER

Product Eligibility Criteria:

- Should be US FDA or CE of the quoted model.
- Manufacturer should be ISO certified for quality standards.
- Safety Standard should comply to IEC 60601.

Technical Specification:

- Semi automated Chemistry Analyser with built in software for the calculation and curve plotting. It should accept all types of curvefits like Log-log, Log-linear, Exponential, point to point.
- Tripple cuvette system compatible with PT/APTT/INR estimation method.
- User programmable memory for upto 50 chemistrics minimum with programmable by the user.
- Light Source : Quartz Halogen Lamp
- Wavelength Range: Automatic selection by at least 8 position filter wheel (all 8 filters must be in position) ranging 340 – 700 nm.
- Photometric Range: 0 to 3.0 Absorbance.
- Calculation Modes:
  - Absorbance/concentration
  - End point with factor or standard.
  - Enzyme kinetics with factor or standard.
  - Fixed time with factor or standard.
  - Differential mode with factor or standard.
  - Polygonal multi standard (Calibration Curve).

Kinetics:

- Delta determination.
- Incubation Time 1 to 999 second.
- Interval Time 1 to 999 second
- Should be programmable with increment of 1 second for faster reading in kinetic tests.

Aspiration system:

- Programmable sipping volume from 300 – 1000

- Automatic calibration of sipping volume.
- Automatic adjustment of sipping time.
- Facility for air purge in between 2 samples to avoid carry over.
- Quality Control - At least 2 controls per test.
- Programme : - Levey jenning's plot (optional)
  -High/Low flags.
- Flow Cell- Metal with quartz window, measuring volume of about 25 ul.
- Temperature control by peltier element
- Computer connection: Possibility to take repeat readings of reaction solution aspirated flow cell for kinetics.
- Thu unit shall be capable of operating in ambient temperature of 20-30 deg C and relative humidity of less than 70%
- Reagent cost should be quoted separately for 1000 tests of all parameters in the price schedule, which shall be taken into account for evaluation.

Power Supply:

- Input Power: 220 VAC+10%, 50Hz;

Calibration : The semi-auto analyser need to be caliberated in every 6 months during the warranty period as well as CMC period. . The cost of such caliberation should be mentioned in the unit price as well as in CMC price..

Documentation:

- User manual in English
- Service manual in English
- Certificate of calibration and inspection.

Compliance Report to be submitted in a tabulated and point wise manner clearly mentioning the page/para number of original catalogue/data sheet.

14. DIGITAL VIDEO COLPOSCOPE

Description of function:

Colposcope is a diagnostic equipment which is used for early detection of cervical cancer**.**

Product Eligibility Criteria:

- Should be US FDA or CE of the quoted model
- Manufacturer should be ISO certified for quality standards.
- Safety Standard should comply to IEC 60601.

Technical Specification:

- Should have colour CCD image processor
- The video colposcope must have magnification from min.1x to 40 x
- Resolution must be > 825 lines (Std.),
- Facility to increase and decrease the light intensity

- Varying color contrast (5 Steps)
- No of pixels should be more than 10,00,000
- High MCD super bright white shadow less LED light for true color reproduction.
- Colour temperature should be > 7000 K and Avg. LED lamp life should be > 15000 hrs.
- /Facility for fast focusing, zooming, image freeze using thumb on the hand held unit itself.
- Acetic test timer and magnification indicator should be available for display on screen.
- There must be Electronic Green Filter in the hand-held unit. Control panel should have feather touch and water proof illumination buttons.
- Facility for Fast auto /manual focusing. Auto focus range should be up to 20-30/ 30-40 cm
- Internal Image freeze function facility.
- There should be two built in Video output : BNC & SVHS on the unit

Equipment should be supplied with Colposcopy Image Management software with computer with following facilities:

- Upgradable software
- Forensic examination and sexual abuse
- Cryo surgery report with all details
- Should have facility for marking and highlighting of any abnormalities
- Image capturing while recording/playing
- Final reports with one, two, three & four images with facility to adjust height & width of images
- Referral linked images with findings for comparison
- Facility to save & send the report through e-mail in PDF format
- Facility to get referral linked images
- Online support facility (through internet) for software
- Colposcopy software should run on both window XP, Vista and windows 7 Operating Systems
- Colposcopy assisted dynamic cases
- Facility to take colposcopy images with the colposcopy report on hard copy

- Facility to store still images, cine loop or procedure on CD
- Software should be compatible with both desktop & Laptop, no need of separate capture card.
- Should have REID evaluation chart in tabular form
- Should have comparison mode with a library of images with different natures & Findings

Company has to provide Desktop Computer with:

- ✓ CPU i5
- ✓ RAM 4 GB
- ✓ Hard Disk: 500 GB or more
- ✓ DVD Writer
- ✓ LCD Monitor of 17”
- ✓ Colour Laser Printer
- ✓ Company should provide:
- ✓ 21” Color TV

Power Supply:

- Power input to be 220-240VAC, 50Hz fitted with Indian plug

Documentation:

- User manual in English
- Service manual in English
- Certificate of calibration and inspection.

Compliance Report to be submitted in a tabulated and point wise manner clearly mentioning the page/para number of original catalogue/data sheet.

CATEGORY - II

15. STAND ALONE NON INVASIVE (BIPAP Machine)

Description of Function:

Eligibility Criteria:

a) Should be US FDA /CE of the quoted model

b) Manufacturer should be ISO certified for quality standards.

Technical Specification

1. Should have Modes: C.P.A.P./spontaneous/Auto/BIPAP

2. Should have fixed back up rate of 5- 40 breaths per minutes.

3. I.P.A.P. Pressure Range 2 to 25 cm H2O in increments of 0.2 on H20.

4. E.P.A.P. Pressure Range 2 to 25 cm H2O in increments of 0.2 on H20.

5. Should be able to detect leak, display tidal volume, respiratory rate, and pressure.

6. Should be able to set IPAR Max and Min time.

7. Should be able to set rise time.

8. Ramp time available for 45 minutes.

9. Should provide 2 sets of reusable masks (one face and one nasal) with the machine.

10. Should have a facility of automatic on/off on the machine.

11. Should have an in built S.M.P.S.

13. Should have leak compensation feature : 40-60 Litrs.

14. Should have additional port for oxygen supplementation.

15. Should have battery backup of 30mints.

Power Supply

Power input to be 220-240VAC, 50Hz fitted with Indian plug

Documentation

- User manual in English
- Service manual in English
- Compliance reports to be submitted in a tabulated and point wise manner clearly mentioning the page/Para number of original catalogue/data sheet. any point, if not substantiated with authenticated catalogue/manual ,will not be considered

16. Emergency Recovery Trolley

Eligibility Criteria:

a) It must be ISO 14001 : 1996 (Environment), ISO 9001 : 2000 (Quality) & ISO 13485 : 2003 Certified approved.

Technical Specification:

It should have High & Low, raising back rest
Overall approx size : 1905 mm (L) x 710 mm (W).
Stretcher size: 1830 mm (L) x 555 mm (W)
Two sections top
Height adjusted by foot operated hydraulic pump from 660 mm to 910 mm.
Gas spring assisted Trendelenburg/Reverse Trendelenburg positions.
Complete with corner buffers, synthetic rubber covered handles, accessories tray, oxygen cylinder holder, SS telescopic IV rod and swing away SS side rails. Pretreated and powder coated. Four imported swivel castors, 125mm dia, and two with total lock.

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17. DRESSING TROLLEY

Eligibility Criteria:

a) Should be CE/BIS approved product

b) Manufacturer should be ISO certified for quality standards.

Technical Specification:

Size should be 760mm Length x 510mm Width x 900mm height
SS tubular frame mounted on four castors, 200 mm dia.
Two SS shelves with protective railings on all four sides.
Supplied in kdc.

18. TRACHEOTOMY SET

Eligibility Criteria:

a) Should be CE/BIS approved product

b) Manufacturer should be ISO certified for quality standards.

Technical Specification:

1. Percutaneous tracheotomy set
2. Guide wire
3. Dilator(metal and rhino)
4. Various sizes tracheotomy tube
5. Special reusable Metallic Tracheal dilator with wire groove in the inner side.
6. Should have all accessories.

19. AMBU BAG

Eligibility Criteria:

a) Should be CE approved product

b) Manufacturer should be ISO certfied for quality standards.

Technical Specification:

Size: Adult, child and infant Volume of bag up to 1500mal(adult) 500ml (child) 240ml(infant) made of silicon-oxygen reservoir system with non- breathing valve with pressure limiting device 2600ml(adult), 600ml(child), 250ml(infant) sibgle patient valve with swivel connector.

20. Thermometer Clinical Thermometer

a) Oral - ISI / CE marked.
b) Rectal - ISI / CE marked.

21. GLUCO METER (B3)

Eligibility Criteria:

a) Should be CE of the quoted model

b) Manufacturer should be ISO certified for quality standards.

Detailed Specifications

1. Compact, fast, user friendly, with LED display.
2. Battery backup for 30 days post recharge,
3. Blood sugar reading with in 30 seconds of sampling.
4. Memory of at least 24 hrs or last 100 readings with time details.
5. Strips to be easily available with lancet, cheap and minimal blood application.

.22. Volumetric Infusion Pump

Product eligibility Criteria:

a) Should be US FDA or CE of the quoted model

b) Manufacturer should be ISO certified for quality standards.

c) Shall meet IEC-60601-1-2 :2001General Requirements of Safety for Electromagnetic Compatibility.

Technical Specifications:

- Microprocessor Controlled
- Should have LED/LCD display for parameters volume, Time,pressure bar graph.
- Should have audio and visual alarm for the setting parameters.
- The control panel of machine should be provided with numeric and function keys for parameter settings.
- Micro volume Infusion - 0.1 ml to 99.9 ml/hr & 100 ml to 999 ml/hr
- Broad range of delivery rate settings
- The Vein should be Open when infusion is complete
- Calibrated for Indian IV sets
- Mains and battery operation
- Blood, Plasma - Infusions possible

- Drop Sensor as standard accessory
- Alarms for Air Inline, Occlusion, Low Battery, Door Open, Tube Misloading, Infusion Complete & Empty Container

Power Supply:

- Power input to be 220-240VAC, 50Hz fitted with Indian plug.

Documentation:

- Certificate of calibration and inspection from factory.
- User/Technical/Maintenance manuals to be supplied.
- Log book with instructions for daily, weekly, monthly and quarterly maintenance checklist. The job description of the hospital technician and company service engineer should be clearly spelt out.

23. Syringe Pump

Description of function:

The Syringe Pump provides uniform flow of fluid by precisely driving the plunger of a syringe down its barrel. It provides accurate and continuous flow rate for precise delivery of I.V. medication in critical medical care. The syringe pump should be programmable, user friendly, safe to use and should have battery back up and comprehensive alarm system

Product eligibility Criteria:

a) Should be US FDA or CE of the quoted model

b) Manufacturer should be ISO certified for quality standards.

c) Shall meet IEC-60601-1-2 :2001General Requirements of Safety for Electromagnetic Compatibility.

Technical Specification:

Flow rate programmable from 0.1 to 200 ml/hr or more in steps of 0.1 ml/hr with user selectable flow set rate option. SAVE last infusion rate even when the AC power is switched OFF.
Bolus rate should be programmable to 400 – 500 ml/hr or more with infused volume display. Reminder audio after every 0.5 ml delivered bolus. SAVE last Bolus rate even when the AC power is switched OFF.
Display of Drug Name with a provision of memorizing 10~15 names by the operator
Keep Vein Open (KVO) must be available 1.0 ml/hr or set rate if lower than 1.0 ml. User should have choice to disable KVO whenever desired.
Selectable Occlusion pressure trigger levels selectable from 300/500/900 mmHg
Must Work on commonly available ISI/CE/FDA APPROAVED/CERTIFIED 20, 50/60 ml Syringes with accuracy of minimum of +/-2% or better.

Automatic detection of syringe size & proper fixing. Must provide alarm for wrong loading of syringe such as flanges out of slot; disengaged plunger, unsecured barrel etc.
Anti bolus system to reduce pressure on sudden release of occlusion
Should have comprehensive alarm package including: Occlusion limit exceed alarm, Near end of infusion pre-alarm & alarm, Volume limit pre-alarm & alarm, KVO rate flow, Low battery pre-alarm and alarm, AC power failure, Drive disengaged and preventive maintenance.
Rechargeable Battery having at least 5~6 hour backup for about 5ml/hr flow rate with 50ml syringes. Larger battery life and indication of residual life will be preferred.

Power Supply

Power input to be 220-240VAC, 50Hz fitted with Indian plug

Documentation

User /Service manual in English

Compliance reports to be submitted in a tabulated and point wise manner clearly mentioning the page/Para number of original catalogue/data sheet.

24. Ordinary ECG Machine

Product Eligibility Criteria:

- Should be US FDA or CE of the quoted model
- Manufacturer should be ISO certified for quality standards.
- Shall meet IEC-60601-1-2 : 2001 General Requirements of Safety for Electromagnetic Compatibility.

Technical Specification:

- The ECG machine should be the latest generation produced by company concerned and should operate on mains (220 V – 50 Hz) and rechargeable battery.
- The recorder should run minimum of 4 hours on fully charged battery.
- It should provide facility to record following leads:
  - Standard Lead (the limb leads or bipolar limb leads) : I, II & III.
  - Augmented Limb Leads : AVL, AVR & AVF.
  - Chest Leads (the unipolar or V-leads) : From V_1 to V_6.
  - Right sided chest leads.
- Should be provided with terminal for a good earth connection to preclude electrical disturbances while recording.
- **Electrodes of different sizes for use in Adult, Paediatric, Newborn & Infants patients must be provided.**
- It should record on standard thermal printer paper.
- It should record the paper at a speed of 25 mm per second.

Documentation

- User /Service manual in English

- Compliance reports to be submitted in a tabulated and point wise manner clearly mentioning the page/Para number of original catalogue/data sheet. any point, if not substantiated with authenticated catalogue/manual ,will not be considered

25. CONTINUOUS AND PULSED SHORT WAVE DIATHERMY

Description of Function:

Short Wave diathermy produces high frequency alternating current. The heat energy obtained from the wave is used for giving relief to the patient.

Product Eligibility Criteria:

- Should be US FDA or CE approved product
- Manufacturer should be ISO certified for quality standards.
- Safety Standard should comply to IEC 60601.

Technical Specifications:

- The device should use electromagnetic energy in the shortwave frequency range (3-30 MHz) for therapeutic purposes. The unit should include electrodes, the shortwave generator and all associated electronics, controls and enclosures.
- Output of 400 to 500 Watt in continuous mode and 800 to 1100 Watt in Pulse mode.
- Pulse repetition frequency of 20 to 200 Hz adjustable in 10 steps.
- LCD Screen for Display of parameter.
- Treatment timer with all standard accessories, condenser pad with cable.
- Disc electrodes with arms and cables.

Power Supply:

- Power input to be 220-240VAC, 50Hz fitted with Indian plug.

Documentation:

- User manual in English
- Service manual in English
- Compliance Report to be submitted in a tabulated and point wise manner clearly mentioning the page/para number of original catalogue/data sheet.

26. ULTRASOUND THERAPY UNIT (SINGLE HEAD)

Description of Function:

Ultrasound uses a high frequency sound wave emitted from the sound head when electricity is passed through a quartz crystal. The sound waves cause the vibration of water molecules deep within tissue causing a heating effect. When the sound waves are pulsed, they cause a vibration of the tissue rather than heating. The stream of sound waves helps with

nutrition exchange at the cellular level and healing. Ultrasound is helpful for ligament healing and clinically, for carpal tunnel syndrome, and muscle spasm.

Product Eligibility Criteria:

- Should be US FDA or CE of the quoted model
- Manufacturer should be ISO certified for quality standards.
- Safety Standard should be complies to IEC 60601.

Technical Specification

- It should be single head .
- Output mode continuous and pulsed
- Output power 15w in continuous mode and 21w in pulse mode
- Pulse frequency 100Hz
- Output frequency 1 MHz
- Timer 0-15 minutes, pre-settable. Time adjustment up to 99 minutes
- Two digital display meters to indicate the output in w/cm²
- Patient safety circuit

Power Supply:

- Power input to be 220-240VAC, 50Hz fitted with Indian plug

Documentation:

- User manual in English
- Service manual in English
- Compliance Report to be submitted in a tabulated and point wise manner clearly mentioning the page/para number of original catalogue/data sheet.

27. CERVICAL TRACTION (WALL MOUNT)

Description of Function:

Cervical and lumbar traction units are useful therapy in relieving back and neck pain by causing a gentle stretch to the muscles and joints.

Product Eligibility Criteria:

- Should be US FDA or CE of the quoted model
- Manufacturer should be ISO certified for quality standards.
- Safety Standard should comply to IEC 60601.

Technical Specifications:

Intermittent & static traction.
Variable speed control.
Patient safety switch.
LED displays.
Wall mounted unit
Weight : 4 -15 Kg each 1Kg step
Hold time : 10,20,40,60,80 sec. with LED/LCD display
Rest time : 1,5,10,15,20 sec. with LED/LCD Display
Digital treatment time 30 min. pre-settable (can be set between 1-99 min. optional)
Operating voltage 200-240V/50Hz
System Configuration Accessories, spares and consumables:

1. Cervical Head Holder with Bar, Lumber Traction Belts with Bar, Main Cord & Pulley Doubler.
2. Head-Halter, Pelvic & Thoracic Belts

Power Supply:

Power input to be 220-240VAC, 50Hz fitted with Indian plug

Documentation:

User manual in English
Service manual in English
Compliance Report to be submitted in a tabulated and point wise manner clearly mentioning the page/para number of original catalogue/data sheet.

28. Trancutaneous Electrical Nerve Stimulator (TENS)

Description and function:

Tens is an electrical modality which is used to manage pain through pulsed current by a portable generator and delivering them across the intact surface of the skin via a conducting pads called electrodes

Product eligibility criteria:

- Should be US FDA or CE of the quoted model
- Manufacturer should be ISO certified and quality standard
- Safety should be complies to ICE 60601

Technical specification:

- **LED/LCD** display
- Freq : 2 - 250 Hz
- Pulse Width : 20 - 250 Hz
- Therapy Modes : Continuous / Burst / Pol-Alt
- Burst Frequency : 1-5 Hz

Power supply:

Power unit to be 220~240 V AC, 50 Hz fitted with Indian plug

Documentation

Compliance repots to be submitted in a tabulated and point wise manner clearly mentioning the page/Para number of original catalogue/data sheet.

29. NEBULISER

Description of Function:

Nebulizer is a device used to administer medication to people in forms of a liquid mist to the airways. It is commonly used in treating cystic fibrosis, asthma, and other respiratory diseases

Product eligibility criteria:

- Should be CE of the quoted model
- Manufacturer should be ISO certified

Technical Specifications:

- Should be of Heavy duty compact Nebuliser is required
- Heavy duty ,Compact, light weight, low noise
- Durable long life compressor. Suitable for heavy duty/ institutional (hospital) use, should be able to run uninterruptedly for one hour, Max Press= 2.0-2.5 bars
- Should produce particle of size 1-5 micron
- Aluminium cabinet painted with epoxy powder.
- Piston-type electric aspirator that offers high performance and great durability.
- Protective thermal cut out relay
- Air delivery rate app.15 L/min.
- 24 hours continuous work for hospital use.

Power Supply:

Power input to be 220-240VAC, 50Hz fitted with Indian plug

30. Suction Machine (Electrical)

Description of Function: To extract fluid from the body during surgery or emergency treatment.

Eligibility Criteria:

- Should be FDA / CE /ISI approved product
- Manufacturer should be ISO certified for quality standards.

Operational Requirements

- Shall have Motor (CE/ISI marked) of minimum ¼ H.P. capacity.
- The machine should be portable on three/four wheels and handle for transportation

Technical Specifications

- The Suction pump should be oil immersed fitted on Motor shaft.
- Suction pump should have line grinding internally. To facilitate maintenance the cover of machine should be easily to open from the top & sides. The suction machine should be capable of producing 0- 600 approx. mm Hg. which should be ± 10 regulable, flutter free vacuum control knob monitored by vacuum gauge. The suction capacity should be 1.5-2.0 litres per minute and can be regulated. Noise level should be less than 48dB.
- It should have two bottles of 2 litters with synthetic rubber lids. The bottle shall be fitted with the arrangement to prevent overflow of fluid.
- ON/OFF Switch and Power indicator should be available
- Body material: Base, top & panel made of rust proof and corrosion resistant moulded ABS. Jar/Bottle material: Autoclavable polycarbonate.

  Supplied with:
- 3 Core lead of 2 meter long with one 3 pins 15 amp. Plug -01

  The Following spares per machine are also required:-

  (i) Bottles 2 Nos.

  (ii) Lids 2 Nos.

  (iii) Rubber Seals 2 Nos.

  (iv) Blades 2 Nos.

  (v) Suction Tubing set 1 No

Documentation:

- User /Service Manual in English

Compliance Report to be submitted in a tabulated and point wise manner clearly mentioning the page/para number of original catalogue/data sheet.

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 / contact person Liaisioning agent / servicing centre (Annexure III)	Page No.		Yes		No
5.	Declaration form (Annexure -IV) signed by the Tenderer & affidavit before Notary Public / Executive Magistrate	Page No.		Yes		No
6.	Manufacturer's Authorization Format (Annexure – V) (for distributor/Importer)	Page		Yes		No No.
7.	Proof of avg. Annual turnover of Rs. 10 Crore/2 Crore or more for preceding 3 financial years depending on category I or II Items (for manufacturer /Importer) or Rs.2 Crore /1Crore or more depending upon the category I or II Items (for authorized distributors) (Annexure - VI) (Annual turnover for the manufacturer/importer is also to be submitted in case of distributor)	Page No.		Yes		No.
8.	Performance Statement **(Item wise)** during the last three year (Annexure -VII)	Page No.		Yes		No
9.	Copies of Purchase order **(Item wise)** in support of the performance statement	Page No.		Yes		No
10.	Deviation/No deviation Statement **(Item wise)** & details of technical specification (Annexure -VIII A & B)	Page No		Yes		No
11.	Leaflets/Technical Brocheures of the Products offered **(Item wise)**	Page No.		Yes		No.

12. Copy of Import license (In case of Importer)	Page No.		Yes		No	
13. Copy of Valid ISO Certificate	Page No.		Yes		No	
14. Attested Photocopy of Up-to-date CE / US FDA/BIS Certificate (Item wise) (As per technical specification)	Page No.		Yes		No	
15. Attested Photocopy of Up-to-date IEC Certificate (Item wise) (As per technical specification)	Page No.		Yes		No	
16. Photocopy of PAN	Page No.		Yes		No	
17. Photocopy of VAT clrance cerificate	Page No.		Yes		No	
18. Copy of original Tender and schedules, duly signed by the Tenderer	Page No.		Yes		No	

Annexure II

(Refer Clause No. 3.2)

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

LIST OF ITEM(S) QUOTED

Sl.	Name of Item(s)	Name of Manufacturer	Make	Model Name	Details of offered product at Page No. (s)

Signature of the Tenderer :

Date :

Official Seal:

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Annexure IIA

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

DETAILS OF EMD(S) SUBMITTED

Sl.	Name of Item	EMD Amount (Rs.)
	TOTAL (Rs.)	

Signature of the Tenderer :

Date :

Official Seal:

ANNEXURE – III

(Refer Clause No. 3.5)

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

DETAILS OF THE TENDERER & LOCAL CONTACT PERSON

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

Signature of the Tenderer :
with seal

Date :

Official Seal :

ANNEXURE – IV

(Refer Clause No. 3.6)

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

DECLARATION FORM

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

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

I/We agree that the Tender Inviting Authority can forfeit the Earnest Money Deposit and or Performance Security Deposit and blacklist me/us for a period of 3 years if, any information furnished by us proved to be false at the time of inspection / verification and not complying with the Tender terms & conditions.

I / We …… do hereby declare that I / we will supply the _____ as per the terms, conditions & specifications of the tender document. I / we further declare that I / we have a service centre / will establish a service centre within one month of installation of the equipment in Odisha.

Signature of the bidder :

Seal Date :

Name & Address of the Firm:

Affidavit before Executive Magistrate / Notary Public.

ANNEXURE – V
(Refer Clause No. 2.2(i))

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

To

The Joint Director,
State Drug Management Unit, In front of Ram Mandir Square,
Bhubaneswar -1, Odisha.

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 (2 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.

Sl.No.	Year	Turnover in (Rs.)
1.	2008 - 2009	-
2.	2009 - 2010	-
3.	2010 – 2011	-

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

Date:
Place:

Signature of Auditor/
Chartered Accountant
(Name in Capital)

Seal

Membership No.-

Registration No. of Firm

Note:

a) *To be issued in the **letter head** of the Auditor/Chartered Accountant mentioning the Membership no.*

b) ***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										
..										
..										
			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 VIIIA
(***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			
..			
..			
..			

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.**
1				
2				
..				
..				
..				

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

Signature of the Bidder

Name :

Date :

Place :

Seal

SECTION -IX

ANNEXURE

(To be submitted in COVER B - PRICE BID)

Use Annexure IX A (Format I) : For Items other than Blood Gas Analyser, Semi Auto Analyser & CBC Machine

Use Annexure IX B (Format II) : For Items : Blood Gas Analyser, Semi Auto Analyser & CBC Machine only

To be submitted in *Cover B – Price Bid* **ANNEXURE-IX-A**

(Refer Clause No. 4.1 & 8.16)

FORMAT I - PRICE SCHEDULE [For items **other than** Blood Gas Analyser, Semi Auto Analyser & CBC Machine]

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

Name of the Item (s) (Items mentioned in the schedule of requirement) (With **Make & Model)**	Specification **(Section V)**	**Unit Price** with **all accessories** which includes excise duty / customs duty, packing, insurance, forwarding / transportation (door delivery) with **2 (two) years onsite warranty, calibration charges if any** & **excludes VAT/sales tax / entry tax** Cost in Rs. (both in words & figures)	CMC (excluding **Service Tax**) for three years **after** expiry of two years warranty period (please mention on yearly basis)	**Cost of **Turnkey if any** (all accessories for installation & commissioning including **all taxes for turnkey** in Rs. (Door delivery & installation)	***Total Cost of the Item** (**Unit Price** with CMC & Turnkey if any) (**Exclusive** of CST/VAT & ET)	CST/VAT & ET (if any) on & above the item price mentioned in (3) (Mention whether CST / VAT and ET, the % of tax & it's value in Rs.)	In Case of VAT, pl. Mention whether VAT is payable to Govt. of Odisha
(1)	**(2)**	**(3)**	**(4)**	**(5)**	**6=3+4+5**	**7**	**8**
			1st year after warranty: 2nd year after warranty: 3rd year after warranty: Total :				

Price of each item (s) quoted should be mentioned separately by creating separate rows for each item

Note : CMC for items Emergency Recovery Trolley, Dressing Trolley, Tachetomy Set, Clinical Thermometer, Glocometer, Nebulizer, Ultrasound Therapy, *Cervical* Traction, Trans Electric Nerve Simulator, ICU bed, Ambu Bag, Suction Machine (Electrical), Ordinary ECG Machine is not required & will not be taken into account for evaluation and hence CMC for these items are not to be quoted. For all other items, CMC is to be quoted.

*** CST/VAT & ET 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.**

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.**

To be submitted in *Cover B – Price Bid*

ANNEXURE-IX-B

(Refer Clause No. 4.1 & 8.16)

FORMAT -II PRICE SCHEDULE) [For Items : **Blood Gas Analyser, Semi Auto Analyser & CBC Machine only**]

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

Name of the Item (s) (Items mentioned in the schedule of requirement) (With **Make & Model)**	Specification **(Section V)**	**Unit Price** with **all accessories** (except cost of Reagent/Catridges) which includes excise duty / customs duty, packing, insurance, forwarding / transportation (door delivery) with **2 (two) years onsite warranty**, **Calibration Charges** (6 monthly calibration charge during warranty) & **excludes VAT/sales tax / entry tax** Cost in Rs. (both in words & figures)	CMC (excluding **Service Tax**) for three years after expiry of two years warranty period including 6 monthly calibration charge (please mention on yearly basis)	**Cost of **Turnkey if any** (all accessories for installation & commissioning including **all taxes for turnkey** in Rs. (Door delivery & installation)	**Total Cost of the Item** (**Unit Price** with CMC & Turnkey if any) (**Exclusive** of CST/VAT & ET)	*CST/VAT & ET (if any) on & above the item price mentioned in (3) (Mention whether **CST / VAT and ET**, the % of tax & it's value in Rs.)	In Case of VAT, pl. Mention whether VAT is payable to Govt. of Odisha
(1)	**(2)**	**(3)**	**(4)**	**(5)**	**6=3+4+5**	**7**	**8**
I.			1st year after warranty: 2nd year after warranty: 3rd year after warranty: Total				

II. **Cost of Reagents / Cartridges for all parameter tests (For 1000 tests) : Rs. _____ (Inclusive of all taxes @ ____ %)**
[Mention Separately for Blood Gas Analyser, Semi Auto Analyser & CBC Machine depending upon the item(s) quoted which will be taken into account for evaluation]

Price of each item (s) quoted should be mentioned separately by creating separate rows for each item
*** CST/VAT & ET 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.**

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.**

SECTION -X

ANNEXURES

(Agreement, Warranty and CMC Undertaking)

ANNEXURE – X
(Refer clause no. 7.1.2)

AGREEMENT

THIS AGREEMENT IS MADE AT _____ THIS THE DAY OF _____ **2012**

BETWEEN

Name of the Supplier
with full address

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

AND

The C.D.M.O., _____ (*name of the District*)
Health & F.W. Department, GoO
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.

Description of goods	Qty	Price	Total

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 two 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 60 days from the date of issue of purchase order unless otherwise specified. If no supply is received even after 60 days or 88 days with liquidated damage from the date of issue of the purchase orders , 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. 60 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. 60 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 gurantee amounting to 10% of the purchase order value which will be deposited with the O/o of the concerned CDMO of the district.

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

B. Before release of payment the supplier has to submit the signed agreement, warranty documents of equipment and turnkey job to the consignee. The undertaking as per Annexure – 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 TWO **YEARS** from the date of installation at the site. If accessories / other attachment of the system are procured from the third party, then the vendor must produce cost of accessory / other attachment and the CMC from the third party separately along with the main offer and the third party will have to sign the CMC with the consignee if required.

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

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

COMPREHENSSIVE MAINTENANCE CONTRACT:

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

INSTALLATION AND DEMONSTRATION :

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

TRAINING :

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

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 two (2) years i.e. the warranty period, provided that this service shall not relieve the Supplier of any warranty obligations under this contract.

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

The tenderer should furnish an undertaking to the effect that he / they should take responsibility after sales service of the equipments / instruments to be supplied by him / them and to provide spare parts for up keeping the Equipments / Instruments for a minimum period of 10 years from the date of installation.

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

SPARE PARTS :

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

COMPREHENSIVE WARRANTY :

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

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

The Supplier warrants that the Goods supplied under this contract are new, unused, of the most recent or current models and they incorporate all recent improvements in design and materials (even if the advanced facilities are not mentioned in our product specification). The Supplier further warrants that all Goods supplied under this contract shall have no defect 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/C.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 C.D.M.O.(Districts) / Directors (Directorates) as the case may be 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 C.D.M.O./ Directors by reasons of such breach, such as failure to supply / delayed supply including the liability to pay any difference between the prices accepted by him and those ultimately paid for the procurement of the articles concerned. Such damages shall be assessed by the C.D.M.O. / Directors whose decision is final & binding in the matter.

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

by the C.D.M.O./ Directors in consequence of the termination which may be recovered from the Security Deposit made by the tenderer or other money due or become due to him.

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

ARBITRATIONS :

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

CHANGE OF TERMS AND CONDITIONS :

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

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

Executed by Purchaser (s) / Consignee

Executed by Supplier(s)

In presence of (Witness)

In presence of (Witness)

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 (2 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 2 year comprehensive warranty is valid from dt._____ to dt._____.
v. The 3 year CMC is valid from dt._____ to dt._____.

Date:
Place:

Signature of the competent authority
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 2 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 / Medical Institutions. I / we also offer to supply the stores at the prices and rates not exceeding those mentioned in the price bid.
4. I / we agree to abide by my / our offer for a period of 365 days from the date of approval of the tender.
5. I / we have necessary infrastructure for the maintenance of the equipment and will provide all the accessories / spares as and when required.
6. I / we also declare that in case of change of Indian Agent or for any other change, merger, dissolution solvency etc. in the organization of our foreign principles, we would take care

of the Guarantee / warranty / maintenance of the machinery / equipment and have provided written confirmation for the same.

7. I / we shall provide assistance to the consignee in clearance and delivery of store at consignee's stores / premises.

8. The demurrage / storage charges, if any, payable to the customs department, due to non-receipt of required documents in time by the hospital / delay due to incorrect entries, mistakes to the documents etc. shall be borne by me / us.

9. I / we have carefully read and understood all the terms and conditions of the tender and shall abide by them.

10. I / we undertake to get the equipment's repaired within 48 hours of receiving of the complaint from the indenting hospital / consignee failing which a penalty @ 1% of the cost may be recovered from the performance security before releasing the same to us after 2 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.