

**OFFICE OF THE CHIEF DISTRICT MEDICAL & PUBLIC HEALTH  
OFFICER-CUM-DISTRICT MISSION DIRECTOR,GAJAPATI**



DISTRICT PROGRAMME MANAGEMENT UNIT,NHM  
PARALAKHEMUNDI, GAJAPATI, ODISHA, 761200  
(Department of Health & Family Welfare, Govt. of Odisha)



Letter No.**10485 /NHM/2021-22**

Dated.01-12-2021

**Tender Call Notice**

**Bid Reference No. - CDM & PHO (Gajapati) - 2021-22 - EIF (NHM) - 01**

Sealed Tenders are invited from registered manufacturers/ authorized distributors/ suppliers for supply of Equipment, Instrument & furnitures for Gajapati District under NHM. The intended suppliers, manufacturer, Distributors are required to quote the rates for the following items. The tender reaching after due date shall summarily be rejected. The specification and names of the items of the manufacturing company should be mentioned in the price bid. The equipments/ items are to be supplied with door delivery & installed within 30 days of receipt of the orders and should submit the installation certificate and warranty certificate. The last date of submission is **Dt:15-12-2021 by 5.00 PM** through **Reg. Post /Speed Post or Courier** services only along with all the relevant documents. The Bidders should specifically super scribe, "**TENDER CALL NOTICE FOR SUPPLY OF EQUIPMENT, INSTRUMENT & FURNITURES FOR GAJAPATI DISTRICT**" on the top left corner of the outer envelope containing Bid reference number. The Bidders may download the Tender Documents directly from the WEBSITE available at [www.gajapati.nic.in](http://www.gajapati.nic.in) within **Dt.:15-12-2021 by 2.00PM** The Tenders received shall be opened at **10.00 AM on Dt. 16-12-2021** in the chamber of CDM & PHO, Gajapati and the said firms are requested to attend on the said date and time or send their representative. The undersigned reserves the right to reject or cancel any or all the tenderers without assigning any reason thereof.

**Sd/-**

**Dr.P.K Patro**

**CDM & PHO,Gajapati**

## **Terms and Conditions:-**

- The bidder is free to quote for single category or all categories of appliances individually. However, the contract shall be for the full quantity for a particular item.
- All duties, taxes and other levies payable including the supply at our place by the vendor under the contract shall be included in the total price.
- Rates quoted should also include installation of material at our site.
- The items for which quotations have been submitted must be in accordance with the specifications given. Variations in specifications (if any) should be mentioned in a separate letter.
- The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- The bidder should submit the separate price bid/ financial quotation.
- Period of delivery- The items are to be delivered within a maximum time limit of 30 days from the issue of Purchase order.
- The tender shall be submitted in two parts, (a) Technical Bid and (b) Financial Bid and both the parts are put in a single envelope.
- Technical bid shall consist of technical details, and should be submitted in duplicate. Deviations (if any) from tender specifications and commercial terms and conditions should be clearly mentioned. The tender form shall be submitted with this bid duly signed by the bidder
- Financial bid shall consist of price details
- The tender is liable to be rejected if complete information is not given therein or if the particulars and date (if any) asked for in the schedule tender are not fully filled in. Particular attention must be paid to delivery date and also to the particulars referred to in the condition of the contract. The tenderer should sign every page.
- The technical bids should be submitted in sealed covers, marked “Technical Bid for procurement of Equipment”
- Only technically qualified bidder’s financial bids shall be open.
- Tenders not complying with the above conditions are liable to be rejected at the sole discretion of CDM & PHO, Gajapati without any further reference.
- This tender is not transferable.

## **PRE-QUALIFICATION:**

Manufacturing units /Authorised dealers/Traders are eligible to participate in the tender provided, they have

- This Tender document can be downloaded from website [www.gajapati.nic.in](http://www.gajapati.nic.in). The filled in/complete in all respect tender document must be submitted with tender document fee of Rs. 1000 /- (Non refundable) in the form of Demand Draft in favour of the **ZSS NON-NRHM FUNDS, GAJAPATI** payable at SBI Main Branch, Paralakhemundi.
- **EMD:** As indicated in the Tender Notice Rs50000 /- only in form of Demand Draft in favour of the “**ZSS NON-NRHM FUNDS, GAJAPATI** payable at SBI Main Branch, Paralakhemundi” is refundable.
- Copy of Certificate **CE certificate** and **ISO 9001:2008 or ISO 9001:2015** must be submitted.
- The intended suppliers should also furnish along with the quotations the latest **GST Certificate, GST monthly return for last applicable month Certificate, PAN Card & IT return copy of last three year (3 Year)**. The authorised distributor/trader should submit the **Manufactures Original Authorization Certificate** from the competent authority for this particular tender. If not, the Authorised distributor/Traders are not eligible to participate in the tender. **Colour Xerox copies of authorization certificate are not acceptable in any condition**. If so, the Authorised bidder/distributor/Traders are not eligible to participate in the tender.
- The bidder must have an average annual turnover of Rs: 1 crore during last 3 financial years. Certified copy of turnover by chartered Accountant must be submitted.
- Bidders who have been blacklisted either by the Tender inviting authority or by any district/state Govt. or Central Govt. organization for the quoted item is not eligible to participate in the tender during the period of blacklisting. **Affidavit** of the same to be submitted neither stating that the firm has **neither been black listed nor any criminal cases** pending against them.
- The bidder should have technical manpower with experience to provide service. A Self Certified letter by an authorized signatory; OR Undertaking for setting up Service Support Centres through Channel partner and deployment of Resident Engineers.
- **Copy of original Tender book and schedules, duly signed by manufactures/bidders.**
- **General:** CDM & PHO, Gajapati reserves the right to choose, accept or reject any or all requests/offers, in full or part and also reserve the right at any stage to reduce or increase the quantity and split the order.

### **Evaluation of Quotations**

CDM & PHO, Gajapati will evaluate and compare the quotations determined to substantially responsive i.e. which are properly signed; and confirm to the terms and conditions, and specifications.

The evaluation will be done based on the following parameters:

- **Price quote**
- **Quality & Guarantee offered by the vendor**

### **Sampling:**

**Sampling of instruments and Equipments which are handy, are to be submitted for checking the quality of the said items. The items submitted for sampling the firm should label the items with code numbers or alphabets without mentioning the name of the Bidder or Manufacturer in a kit along with catalogues of all other items also.**

### **Award of Contract**

The purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price.

Notwithstanding the above, CDM & PHO, Gajapati reserves the right to accept or reject any quotation and to cancel the bidding process and reject all quotations at any time prior to the award of contract without giving any reason.

The bidder whose bid is accepted will be notified of the award of contract by the purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order.

### **Installation / Commissioning Requirements**

- The unit shall be fully assembled in the Bidder's factory before delivery to site for commissioning. The Bidder shall arrange with the Hospital, Materials Management Department representative for delivery. During the commissioning, the Bidder shall carry out the necessary functional tests in accordance to the manufacturer's recommendation. The Bidder shall provide all necessary testing equipment or required for the functional testes at their own expenses. No claim for extra payment will be entertained by the Hospital owing to the Bidder's neglect any unforeseen difficulties for which provision are not made for the commissioning. A Bidder, by the fact of submission of tender, shall be deemed to have accepted all conditions and stipulations of this clause, which shall be binding on the Bidder.

### **Additional Requirements (where applicable)**

- The supplied equipment and accessories must be of hospital-grade and shall comply with national and international recognised Standards and applicable Standard Systems.

- The Tenderer shall provide back-up units during the warranty period while the unit is undergoing corrective repair by the Tenderer.
- The warranty shall cover unlimited breakdown service calls at no additional cost.
- The Tenderer is advised to check for incompleteness and misleading information that may result in disqualification.
- All terms and conditions which are printed on or referenced in the successful Tenderer's Bill of Sale or other sales documentation for the equipment to be purchased are null and void and are not binding to the Company. The Company will dictate all terms and conditions of the sale.
- The Company will be entitled to purchase all replacement parts, components, sub-assemblies and peripheral devices as needed for the maintenance and repair of each model of equipment purchased from the successful Tenderer at the fair market price. No excessive handling or shipping charges will be applied to these purchases. The successful Tenderer must expedite all shipments and not withhold shipments in order to increase equipment downtime to the Company or for any other reasons.
- The Company has the right to use any service representative of his choosing, including in-house, third party or independent contractor. These representatives have the right to repair, install, calibrate, maintain or overhaul all models of equipment purchased from the successful Tenderer. The Company's representatives shall be afforded the privilege of ordering all necessary repair parts and components from the successful Tenderer for each model of equipment purchased at a fair market price.
- The Company has the right to send its designated service representatives to the manufacturer's service training school to receive sufficient, any or all, technical training to allow the representative to repair and calibrate the equipment purchased.
- The Tenderer is advised to check for incompleteness and misleading information that may result in disqualification.
- Failure to comply with any of the above requirements may result in the rejection of the offer.

## CHECK LIST

(To be submitted in 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)	Page No. <input type="text"/>	Yes <input type="text"/>	No <input type="text"/>
2.	Tender document Fee	Page No. <input type="text"/>	Yes <input type="text"/>	No <input type="text"/>
3.	Earnest Money Deposit	Page No. <input type="text"/>	Yes <input type="text"/>	No <input type="text"/>
4.	Declaration form signed by the Tenderer & affidavit before Notary Public / Executive Magistrate	Page No. <input type="text"/>	Yes <input type="text"/>	No <input type="text"/>
5.	Manufacturer's original Authorization	Page No. <input type="text"/>	Yes <input type="text"/>	No <input type="text"/>
6.	Deviation/No deviation Statement (Item wise) & Details of technical specification	Page No. <input type="text"/>	Yes <input type="text"/>	No <input type="text"/>
7.	Copy of Valid ISO Certificate	Page No. <input type="text"/>	Yes <input type="text"/>	No <input type="text"/>
8.	Photocopy of PAN & IT return copy last 3 year	Page No. <input type="text"/>	Yes <input type="text"/>	No <input type="text"/>
9.	Photocopy of monthly GST return certificate And GST Certificate copy	Page No. <input type="text"/>	Yes <input type="text"/>	No <input type="text"/>
10.	Certified Annual average turnover of Rs:1crore copy	Page No. <input type="text"/>	Yes <input type="text"/>	No. <input type="text"/>
10.	Copy of original Tender and schedules, duly Signed by the Tenderer	Page No. <input type="text"/>	Yes <input type="text"/>	No. <input type="text"/>

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

**STATEMENT REGARDING DEVIATIONS FROM TECHNICAL SPECIFICATIONS (IF ANY)**

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

Tender Sl. No.	Item Name	Clause of Technical Specification	Statement of Deviations / Variations
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 -Technical Bid**)  
**DECLARATION FORM/ AFFIDAVIT**

I / We .....having My /  
 our.....office at.....do declare that I / We have  
 carefully read all the terms & conditions of tender of the \_\_\_\_\_, Orissa for the supply of  
 Equipment, Instrument & furniture for Gajapati District. 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-recognized / 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  
 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.

**Seal**

**Signature of the bidder:**

**Date:**

**Name & Address of the Firm:**

**Affidavit before Executive Magistrate / Notary Public.**

## **PART B - PRICE BID FORMAT**

Tender SL No	Name of the Item	Specification	Name of the Manufacturer	Unit Price	GST	Total price	Warranty period

**ITEMS TO BE PROCURED FOR THE YEAR 2021-22 UNDER NHM**

Sl. No	Name of the Item	Specification	Remarks
1	Exercise Bicycle	i) Tubular steel frame on properly balanced legs with four rubber tips ii). Fitted with one hard rubber type wheel, standard chain and a socket iii). Seat should be adjustable iv). Should be fitted with a ball bearing resistance roller which permits controlled movement in riding v. LCD/LED display with speedometer. vi. Warranty: 3 Years Manufacturer should be ISO13485 certified Product should be CE/BIS certified	
2	Nebulizer	1. Operating Pressure :1 to 1.5 bars 2. Heavy Duty, Compact, light weight, low noise(45dB+-3dB) Model Should be USFDA/CE(notified)approved.	
3	Shoulder Wheel	<p><b>Clinical use:</b> Used for improving mobility &amp; strength of shoulder girdle &amp; rotator cuff muscles in case of frozen shoulder, paresis &amp; paralysis cases.</p> <p><b>Technical Specification:</b></p> <p><b>A.Shoulder Wheel:</b></p> <ul style="list-style-type: none"> <li>➤ It should be a wall mounted one.</li> <li>➤ The wheel for use of adult and pediatric</li> <li>➤ The motion arc can be adjustable from 10 to 38 inches by adjusting the handle.</li> <li>➤ The wheel shall be mounted on a two chrome plated height adjustable (8" to 26") rails.</li> <li>➤ The resistance can be varied by turning the resistance knob.</li> <li>➤ The manufacturer should be ISO certified</li> </ul>	

4	Nasal Speculum	<p>Type: Thudichum  Product: Nasal Specula  Profile: Set of 3(Adult sizes-4&amp;5 &amp; pediatric sizes-3)  Specialty: Rhinology Instruments  Material: Stainless Steel(ASI410/420)  Surface Finish: Satin  Sterilization / Disinfection: Completely reusable and fully autoclavable.  Each instrument shall be embossed/etched with manufacturer's name, initials or recognized trade-mark and the words 'Stainless Steel' or letters 'ss'  Manufacturer should be ISO 13485 certified  Product should be CE/BIS approved.</p>	
5	Cervical Traction (manual)	<p>Cervical Traction Kit is a complete apparatus designed to provide traction to the cervical and upper dorsal vertebrae. Cervical traction Kit includes the following:</p> <ul style="list-style-type: none"> <li>➤ Traction Pulley Bracket</li> <li>➤ Cervical Traction Head Halter</li> <li>➤ Cervical Traction Spreader Bar</li> <li>➤ Traction Cord(Nylon rope)5meter.</li> <li>➤ Traction Weight Bag with weights</li> </ul> <p>Controlled continuous traction  Easy removal and application  Reduced frictional losses  Durable and sturdy for a long life and multiple use.  Can be used in sleeping posture. Pulley is ergonomically designed to fit any bed side. Soft padded head halter provides a comfortable interface for the traction, is easy to wear and use.  Manufacturer should be ISO13485 certified  Product should be CE/BIS certified.</p>	
6	Lumber Traction (manual)	<p>It strengthens broken bones, immobilization or relieving pressure on the skeletal system.  Composition:  Universal type  Includes pelvic belt, spreader bar &amp; 3 meter long cord.  It contains traction water and sand weight bag  traction pulley bracket  the pelvic traction belt</p>	

		traction cord and 8 kg weight. Manufacturer should be ISO 13485 certified Product should be BIS/CE approved	
7	Gait Training Apparatus	<p><b>Clinical Use: It use for horizontal surface gait training, Coordination training of lower limb in various neurological conditions like paralysis, GBS, Parkinson etc.</b></p> <p><b>Technical Specification</b></p> <p>The parallel bar should be a height adjustable; plat form based one which should be very simple for easy accommodation of multiple patients of age group.</p> <p>The handrails should be in single piece, circular in design stainless steel ribbed pipe of minimum diameter 1 1/2". Both the end of the handrails should be fitted with bumpers.</p> <p>The Uprights should be made of heavy gauge square 1 1/2" steel tubes.</p> <p>All parts should be powder coated except the handrail. The handrail should single piece stainless steel pipe</p> <p>The uprights are to be fitted on a 1 1/2" thick hard plywood base water and termite resistance. Both end of this platform should be curved slope for obstruction free. The platform should be stain finish. Both the end of the plat form should have two anti-slip threads for none skidding.</p> <p>Safety treads at both ends of platform should be provided for safety of the patient when take turn.</p> <p>Models make it safer for patient to turn</p> <p><b>15.3: Minimum dimension of the structure:</b></p> <p>Length of the bar: 10feet Width of the bar: 25" – 28" Height adjustment of the Bar: 26" – 39"</p> <p>The manufacturer should be ISO approved.</p>	
8	Infrared Lamp	150 Watt.	
9	LED Head Lamp	Colour Temperature:>4300 Degree K Type of Battery:Li-Ion/Ni-Cd/AA Manufacture Should be ISO 13485/ICMED 13485 Certified. Product Should Be USFDA/CE/BIS approved.	

10	Jobson Horn Probe	<p>Jobson Horne Probe size: 5.5"  Features: double end one side screw and other side round loop.  Rust free sturdy construction for better grip.  A light-weight, flexible and strong.  Probes designed as a dual-purpose instrument with Curette loop at one end and a threaded section at the other for holding wrapped cotton wool.  Reduced patient trauma due to smooth edges.  Sterilization / Disinfection: Completely reusable and fully autoclavable.  Each instrument shall be embossed/etched with manufacturer's name, initials or recognized trade-mark and the words 'Stainless Steel' or letters 'SS'  Manufacturer should be ISO 13485 certified  Product should be CE/BIS approved</p>	
11	Eustachian Catheter	Diam:2,2.5,3,4,5 mm	
12	Tuning Fork	<p>Steel Grade:AISI410/420: 512 Hz and 1024 Hz.  Sterilization / Disinfection: Completely reusable and fully autoclavable.  Each instrument shall be embossed/etched with manufacturer's name, initials or recognized trade-mark and the words 'Stainless Steel' or letters 'ss'  Manufacturer should be ISO 13485 certified  Product should be CE/BIS/USFDA approved</p>	
13	Tongue Depressor	<p>Steel Grade:AISI410/316  Manufacture Should be ISI13485/ISO9001 latest.  Product should be CE/BIS/USFDA approved</p>	
14	Nasal Speculum	<p>Type: Thudichum  Product: Nasal Specula  Profile: Set of 3(Adult sizes-4&amp;5 &amp; pediatric sizes-3)  Specialty: Rhinology Instruments  Material: Stainless Steel(ASI410/420)  Surface Finish: Satin  Sterilization / Disinfection: Completely reusable and fully autoclavable.  Each instrument shall be</p>	

		<p>embossed/etched with manufacturer's name, initials or recognized trade-mark and the words 'Stainless Steel' or letters 'ss'</p> <p>Manufacturer should be ISO 13485 certified</p> <p>Product should be CE/BIS approved</p>	
15	Illuminated Vision Chart (Near Vision)	<p>Name of Tool : Lea Symbols Near Vision Card/ISIHARA Near Vision Chart</p> <p>Type : "16 inches/40 centimeter Lea Near vision chart"</p> <p>Objective : To fulfill the criteria to be a good vision for children by measuring near visual acuity</p> <p>Use : "To assess the child's functional vision at near distances"</p> <p>Utility: Pre-school children of 3 to 5 years age group</p> <p><b>PRODUCT INFORMATION AND TESTING</b></p> <p>"Front side of the Lea symbol cards printed with proportionally spaced (log MAR) lines" : Yes</p> <p>"Back side of Lea symbol card printed with 25% and 50% spacing" : Yes</p> <p>"The card contains very familiar 4 symbols like circle, square, house and apple" : Yes</p> <p>All optotypes should be similar legibility : Yes</p> <p>Each line should have optotypes size ranging from 20/400 to 20/10 (6/120 to 6/3) equivalent : Yes</p> <p>Detection of mild amblyopia is possible with closed spacing of the symbols on Lea symbol card : Yes</p> <p>Test distance (cm) : 40</p> <p>Response key printed on the test card : Yes</p> <p>"Includes Student response or training card and instructions" : Yes</p> <p>Inclusive of conditioning flash card : Yes</p> <p>Can be used as wall hanging : Yes</p> <p>Material of the card "Non-tear waterproof material"</p> <p>Card size (cmxcm) : 20.3x25.4</p> <p><b>PACKING</b></p> <p>Packing (including user instructions) : Packed in a wallet</p> <p><b>CERTIFICATIONS</b></p> <p>Certification Available :Yes</p> <p>Manufacturer Quality certification (ISO)</p>	

		Product approval certificate for Clinical Use	
16	Illuminated Vision Chart (Distance Vision)	<p>Name of Tool: Lea Symbols Translucent Distance Eye Chart and Conditioning Flash Card</p> <p>Type :Lea Translucent 13 lines,10ft/3m Distance Chart</p> <p>Objective: To Fulfil the criteria to be a good vision screening chart for children/Adult by measuring the vision.</p> <p>Use:To assess the distance functional vision.</p> <p>PRODUCT INFORMATION AND TESTING: Lea symbols Distance Chart includes visual acuity chart, response panel and 4 individual cards. All optotypes should be of similar legibility.</p> <p>The card contains very familiar 4 symbols like circle, squire, house and apple.</p> <p>Each line should have 5 letters at visual acquires better than 20/100 Yes</p> <p>Proportional spaced lines size 20/125 to 20/8(6/38to 6/2.4)</p> <p>Proportional spacing between the optotypes should have 0 point 1 log MAR decrements in optotype size</p> <p>Test Distance(ft or meter):10ft or 3 meter</p> <p>Includes Student response card,conditional flash card and instructions can be used as wall chart</p> <p>Material of the card HDPE</p> <p>PACKING: Packing (including user instructions) Packed in a wallet</p> <p>The optotypes were calibrated against the landolit C,the international standard.</p>	
17	ASHA Kit-Vision screening card for 6/18 vision,measuring tape(6 meter)	Lea Tumbkung "E" Eye chart Measuring tape of 6 meter	
18	Mouth Mirror	<p>Type Mirror With Handle</p> <p>Shape of Mirror: Round</p> <p>Diameter of Mirror (mm) set :18 millimeter &amp; 20millimeter</p> <p>Material of housing of the mirror: Medical Grade Stainless Steel(316/ASi410)</p> <p>Anti Fog Coating Yes</p> <p>Thick Non-Slip Handle for perfect grip: Yes</p> <p>Mirror should be With minimum 10 Cm</p> <p>Length of Handle: Yes</p> <p>Mirror should be detachable from the handle: Yes</p>	

		<p>Extra light and handy for more fatigue-free working : Yes</p> <p><b>GENERAL FEATURES</b></p> <p>Product Description: Dental Mouth Mirror or Dentist's Mirror</p> <p>Clinical Purpose: For allowing indirect vision by the dentist, reflecting light onto desired surfaces and retraction of soft tissues</p> <p>Disposable or Reusable: Reusable</p> <p>Sterile :Yes</p> <p>Autoclavable: <b>Yes</b></p> <p>PACKAGING: Individually Packed</p> <p><b>CERTIFICATIONS &amp; REPORTS</b></p> <p>Submission of Test Report from Central Govt/NABL/ILAC accredited Lab to prove the conformity to declared specification at the time of supply: YES</p> <p>Product certification: Manufacturer should be ISO13485 certified</p> <p>Product should be CE /IS approved</p> <p><b>WARRANTY &amp; MAINTENANCE</b></p> <p>Warranty (Years) :Replacement warranty of 1year</p>	
19	Spoon Excavator	<p><u>Spoon Excavator</u></p> <p>Dental Instruments</p> <p>Range of the spoon Excavator 1.5 mm Spoon</p> <p>2 mm Spoon</p> <p>Tip Configuration: Flat</p> <p>Curvature: Angled</p> <p>Handle:Round Double Ended</p> <p>Finishing:Mirror Polish Finishing</p> <p>Material:SS.316</p>	
<b>Furniture Fixture</b>			
20	Consultation Table	<p>Length+F18E5:F18 1650 mm Width 750 mm Height 750 mm Material Of Top Pre-laminated MDF Board with melamine finish Thickness Of Top 18 mm Number Of Legs 4 Numbers Material Of Legs 50 mm x 50 mm MDF Board closed loop leg within metal beam below and extended modesty panel in front Material Of Pedestal Unit MDF Board Material Of Drawer 18 mm thick Pre-laminated MDF Board with melamine finish Number Of Drawers 3 Nos. (2 drawers And 1 filing Drawer) Depth Of Pedestal Unit 400 mm Width Of Pedestal Unit 450 mm Height Of Pedestal Unit 680 mm Material Of Cup Board 18 mm thick Pre-laminated MDF Board with melamine finish Depth Of Cup Board 900 mm Width Of Cup Board 450 mm Height Of Cup Board 750 mm Locking With Pedestal Unit</p>	

		And Cup Board Provided All Exposed Sides Are Edge Banded With PVC Tape Of Thickness 1.5 To 2.0 Mm YES Colour Of Laminate AS USER REQUIRMENT	
21	Chair for Staff (Office)	<p>1) SEAT/BACK ASSEMBLY: The seat is made up of insert moulded Polyurethane Foam upholstered with foam laminated mesh fabric or net fabric only. The insert moulded foam is assembled over a load bearing plastic seat cover. The back is made up of two piece injection moulded frame. The inner frame is upholstered with mesh/net fabric and mounted on the main assembly. The back has adjustable lumbar support for achieving comfortable seating posture. Average size. (+5cm) Sub Assembly Seat size = 52.5 cm Width, 51 cm Depth. Sub Assembly Back size= 48.5 cm Max Width, 62 cm Ht. Effective Back Height from Seat = 57 cm 2) POLYURETHANE FOAM: The polyurethane foam for seat is moulded with density = <math>75 \pm 4</math> kg/m<sup>3</sup> and Hardness = <math>34 \pm 4</math>. 3) ARMRESTS (ADJUSTABLE): The armrest top is injection moulded in polyurethane and mounted on the injection moulded height adjustable type armrest. The armrest height is adjustable up to 4-5cm in 3 steps &amp; width adjustable. Arm Top Out to Out Dim = 62 to 65 cm, Arm Top Centre to Centre Dim = 53 to 56 cm. 4) FRONT PIVOT SYNCHRO MECHANISM: The mechanism is designed with the following features: - 360 degrees revolving type - Single point control - Front pivot for tilt 5 with feet resting on ground ensuring more comfort - Tilt tension adjustment – 3 position locking with anti-shock feature 5) CONNECTING SPINE BRACKET: spine bracket is made of Aluminium die cast piece connecting back with mechanism. 6) PNEUMATIC HEIGHT ADJUSTMENT: The pneumatic height adjustment has an adjustment of 8.5(+2) cm. PEDESTAL ASSEMBLY: Pedestal is made of Die cast Aluminium fitted with 5 nos. twin wheel castors castor wheel dia. 6.0 + 1cm). The pedestal is 65 + 2cm. Pitch centre diameter. (71.0 cm with castors) + 3cm. 7) TWIN WHEEL CASTORS: The twin wheel castors are injection moulded in Nylon. 8) The Chairs shall be manufactured as per above specifications Relevant catalogue may also be given with the tender document</p>	
22	Plastic Chair in waiting area	SEAT/BACK ASSEMBLY: The seat is	

		<p>made of moulded Polyurethane foam and 12mm thick Recycled composite board upholstered with replaceable fabric cover. The back is made of MS tubular frame insitu moulded with Polyurethane foam and upholstered with fabric cover. Back Size 45.0 cm. (W) x 47.0 cm. (H) Seat Size: 45.0 cm. (W) x 50.5 cm. (D) 2.</p> <p><b>POLYURETHANE FOAM:</b> The Polyurethane foam is moulded with density = <math>45 \pm 2</math> kg/m<sup>3</sup> and Hardness for back foam is 16 (+0/-2) &amp; that for seat foam is 20 (+/-2) at 25% compression. 3. <b>TUBULAR FRAME STRUCTURE:</b> The powder coated tubular frame structure is made of 48 mm x 18.5 mm x 2.5 mm thick M.S. ERW oblong tube. 4. Stackable chairs. 5. Assorted Colours.</p>	
23	Almirah	<p>Steel cupboard unit of overall size 900 x 500 x 1850 mm (W x D x H). The body is made of complete .8 mm thick CRCA sheet and doors in 1 mm. The CRCA is cleaned from all dents &amp; Burrs and duly powder coated up to 45- 50 microns. The heavy duty single-point latch locker is designed to withstand intense use and is resistant to rough conditions. The handles are plastic moulded .Each cupboard is provided with individual locking arrangement with duplicate SS keys.</p>	
24	General Rack	<p>Span: 1200 mm – 2500 Width Depth: 450 mm – 1200 mm Heights: 1500 mm – 3000 mm Construction: CRC with powder coated paint. Racks should be adjustable and stackable and side to mountable and conform to storage area. Load bearing capacity of each rack should be more than 300Kg</p>	
25	Stool for patient	<p>Stainless Steel body Four Legged base made up of 25 mm Steel tube mounted on rubber shoes. Diameter of top: 300mm.Height Adjustment: 450 - 650 mm. Height adjusted through Threaded Screws</p>	
26	Instrument Cabinet	<p>Aterial-Aluminium Size/Dimension-H 1800 x W 900 x D400 mm Finishing-Polished Number Of Door-2 Is It Lockable-Lockable Thickness-0.4 to 1 mm</p>	
27	Examination Table	<ul style="list-style-type: none"> <li>• Overall approx size: 1820 mm L x 570mm W x 820mm H (L x W x H) <math>\pm 20</math>mm</li> </ul>	
28	Partisan Screen	<ul style="list-style-type: none"> <li>• 3 folding partitions - 6 feet high and 6 feet long when opened</li> </ul>	

29	Foot Step	Material-Stainless Steel Number Of Steps-2 Usage/Application-Hospital Finishing-Epoxy Powder Coated	
30	Medicine Rack	Material: Stainless Steel Rack Type: Free Standing Unit No. of Shelves: 6 Shelves Weight Tolerance Capacity: 50 Kg Usage/Application: Medical	
31	White Board (medium)	Color-White(Board) Size/Dimension-3.5 feet (Stand Height) Input Method-Marker Board Size-4x6 feet	
32	Fan	No. of Blades-3 Sweep-900 / 1200 / 1400 mm Body Material-Aluminium Blade Material-Aluminium	
33	Inverter (2KVA with 2X180mAH Battery)	<ul style="list-style-type: none"> <li>• Inverter Capacity :-24 Volt, Capacity - 2000 VA, Max. Bulb Load - 1680 watt</li> <li>• Battery Capacity :-Voltage - 12 Volt, Capacity - 180 Ah, Tall tubular inverter battery</li> <li>• Key feature for Inverter :-Sine wave inverter, Intelligent battery charging mechanism with adaptive battery charging control technology</li> <li>• Key feature for Battery :-Highly efficient and ideal for heavy duty application with excellent overcharge tolerance, superior performance during long and frequent power cuts and minimum maintenance</li> <li>• Running Load :- 3 LED TV 40", 4 Fans, 15 LED Bulb 9W, 2 Fridge (250 Litre), 9 LED Tubelight 18W</li> <li>• Safety :- MCB for protection from Input main, Auto over-load handling capacity, Bypass switch for supplying output directly from grid in case of Home UPS fault</li> <li>• Warranty :- For Inverters - 24 months and for battery - 36 months</li> </ul>	
<b>General Equipment/ Instruments</b>			
34	Clinical Thermometer	<b>Flat Oval Thermometer Specifications:</b> Clinical Thermometer.	

		<p>Oval flat type.          Lens front, dual scale.          Cylindrical bulb.          Range: 35-45°C &amp; 95-108°F.          Accuracy: <math>\pm 0.1C</math> &amp; <math>\pm 0.2^{\circ}F</math>.          In plastic case.</p>	
35	BP instrument(3size Cuff) – Aneroid	<p><b>CONFIGURATION DETAILS</b>          Type Of Sphygmomanometer:  <b>Aneroid</b>  <b>Design:</b> Corrosion resistant shock proof body, chrome plated metal/ stainless steel pressure control valve          Conformity to Indian Standard for SPHYGMOMANOMETERS :<b>IS 7652 latest for Aneroid</b>          Measuring device :<b>Mechanical</b>          Type : <b>Portable</b>          Measurement Method:<b>auscultatory</b>  <b>Display for BP instrument:</b>Gauge's background in white color. Graduated scale for ever/ 2mmhg, every 10 units and every 20 units.          Range: Pressure measurement (mmHg)  <b>: 0 to 300</b>  <b>Accuracy:Pressure measurement (mmHg) +/- 3</b>  <b>Pressure Detection: NA</b>  <b>Deflation and rapid Air Release:</b>  <b>Manual</b>setting of deflation possible up-to 2/3mm Hg/sec. From 260mmHg To 15mm Hg in a maximum deflation time of 10 seconds          Cuff Range: <b>(22-32)cm</b>  <b>Cuff Type:</b> Nylon straps cuff with pouch, latex bulb with completely chromium plated valve with regulation of vent-hole air by screw valve.          Sterilization / Disinfection: <b>The cuff should be disinfect able one piece and bladder cuffs, tested according to ISO 105 EO1/ equivalent standard.</b>          Tube : Single rubber tubes used should have an internal diameter of <math>3 \pm 0.5mm</math> and the external diameter should not be less than 8mm  <b>Dimensions of the Equipment (mmXmm): NA</b>  <b>Dimensions of the Dial screen (mmXmm)</b>          : The dial manometer with diameter of 50 mm-60mm  <b>Operating Temperature range 0 to 55 degree Celsius</b>  <b>Stroage Temperature range (-10) to 55</b></p>	

		<p><b>degree Celsius</b>  <b>Weight (in gram) 150</b>  <b>WARRANTY, CERTIFICATIONS, TEST REPORTS</b>  <b>Availability of Type Test Report covering complete test parameters as per IS7652 latest for Aneroid type, from any ILAC/NABL accredited/Central GovLABFor digital type including Environmental test from any ILAC/NABL accredited/Central Gov LAB: Yes</b>  <b>CE/IS Marking Certificate for B.P. Apparatus Model. Yes</b></p>	
36	Stethoscope	<p>1. Stain less steel Chest piece 2. Dual head rotatable with diaphragm on one side and bell on the other 3. Non-chill diaphragm and retaining ring 4. Non-chill lining for the bell 5. Soft sealing ear tips. 6. Head set anodized aluminum or stainless steel 7. Tube length 20 to 30 inches 8. Epoxy fiber glass diaphragm is desirable 9. Diaphragm diameter is an inch to 1 ½ inch 10. An extra set of ear piece/ diaphragm and retainers should be provided.</p>	
37	Pulse Oximeter (Finger Type)	<p>Small" &amp; lightweight design Dual color OLED display; 6 display modes" Display SpO2, PR, PI, Pulse bar, Plethysmogram" Low power consumption, automatic power off design" Battery-low indicator" Audible" &amp; visual alarm Adjustable brightness"</p>	
38	Stopwatch	<p>• Press Model Button once, if the stopwatch is on Time Mode, to bring it to Stopwatch mode. • Press Start / Stop Button to start the Stopwatch. Press Start/Stop button again to stop the Stopwatch. • Press the split/Reset Button to reset the stopwatch to zero.</p>	
39	Examination Lamp	<ul style="list-style-type: none"> <li>• Source of Light: LED light</li> <li>• Illumination(lx) should be LED</li> <li>• Minimum 25,000 Lux at a working distance of .5m</li> <li>• Radial and axial movement of the lamp</li> <li>• Colour temperature: minimum 4000K</li> <li>• Minimum Diameter of the spot 5cm</li> <li>• Flexible Light pipe for easy positioning of minimum length of 1meter.</li> <li>• Lamp Life of minimum 30000 hrs</li> <li>• CRI&gt;90</li> </ul>	
40	Torch	<p>LED focusing torch with chrome/steel ribbed body (medium size) with battery</p>	
41	Kidney Trey (Medium)	<p>1. Made of plastic 2. 20*15*4 cm approximately 3. 500 ml Capacity</p>	

42	Weighing Machine (Adult)	Zero adjustment facility should be there. Sensitivity: 500 gm Range of weighing: 0-125kg	
43	Weighing Machine (Infant)	Range of weighing: 0-10kg	
44	Hanging Weighing Scale (Toddler)	Table top, light and portable. - Built in rechargeable battery. - Hygienic, easy to clean baby tray. - Acrylic (non metallic) baby tray. - Reproducible weights. 1 gm).± 5 g (optional ±- Resolution of - Freeze reading display. - Zero weight adjustment facility. - Quick, clear digital read outs. - Measurement does not change with position of baby on the pan.	
45	Stadiometer (Adult)	<p>Standards: Conformity to Stadiometer as per ICDS standards : <b>Yes</b> Stadiometer designed to Measure Height of Adult and Children aged 24 Month and Above in Vertical Position : <b>Yes</b> Performance Parameters Smallest Graduation for Stadiometer (cm) : <b>0.1 cm</b> Accuracy for Stadiometer (cm) : (+/-) <b>0.1 cm</b> Precision for Stadiometer (cm) : (+/-) <b>0.1 cm</b> Warranty (in Years) : <b>2</b> <b>Dimensional And Material Parameters</b> Unit of Measurement : <b>In Centimeters</b> Measuring Length in vertical position of Stadiometer (should be able to measure up to 200 cm at least) :<b>200 centimeter</b> Width of board for stadiometer (cm) : <b>Approx. 5.5 cms</b> Weight of the device (Kg) :<b>4 kilogram or less</b> Material of Board : <b>mild steel rust proof</b> <b>Additional Features</b> No part Should be Loose or Shaking During Transportation : <b>Yes</b> Double sided graduation Parallel to Board for Easy Measurement : <b>Yes</b> Stable connection assuring precise and accurate measurement : <b>Yes</b> No need of calibration as all parts have prefixed position: <b>Yes</b> Stadiometer should have Firm flat surface :<b>Yes</b> Designed for heavy duty use in demanding conditions : <b>Yes</b> Simple and fast set up, no tool (screw driver etc) required :<b>Yes</b></p>	

		<p>Orientation of numerals on the measurement scale: parallel to the board :<b>Yes</b></p> <p>Stadiometer should have large foot plate providing extra stable base and smoothly gliding measuring slide/wedge : <b>Yes</b></p> <p>Stadiometer shall have Adjustable feet for stability on uneven or soft ground and also spirit level indicator to check flat surface : <b>Yes</b></p> <p>Fold-up Mechanism and low-weight, making it compact and easy to transport : <b>Yes</b></p> <p>Stadiometer shall be free from sharp edges and corners : <b>Yes</b></p> <p>Stadiometer shall have friction feature between board and measuring slide/wedge for preventing the latter from drooping when released:<b>Yes</b></p> <p>Durable, Resistance to excessive Humidity, High temperature resistant, water resistant and shock Resistant :<b>Yes</b></p> <p><b>Stadiometer supplied with :</b></p> <p>1 Carry bag or carry case made of long lasting fabric, zipper closer</p> <p>(ii) removable, adjustable shoulder/back strap(s) and</p> <p>(iii) small side pocket for storage of operating instructions, loose parts and/or stationery material :<b>Yes</b></p> <p>Stadiometer supplied with Instructions for use, training, maintenance and trouble shooting in English, Hindi and any other regional language as per requirement, appropriately illustrated with pictograms : <b>Yes</b></p> <p>Packed in a carton box which should be of sturdy quality and provides adequate protection of the goods while in transportation :<b>Yes</b></p> <p>Reports</p> <p>Model approval from Director (Legal Metrology) : <b>Yes</b></p> <p>Certificate number and date from Director (legal Metrology) Department :IND/- -/-/--- DATED:--/--/20--</p> <p>Type Test certificate including Environmental conditions from Regional Reference and standard laboratory (RRSL) : <b>Yes</b></p> <p>RRSL Certificate Number, date and address Calibration from concerned weight and measurement controller ate to be obtained at the time of supplies : <b>Yes</b></p> <p>Model approval certificate, Type test and calibration certificate to be furnished if</p>	
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		asked by buyer at the time of supplies: <b>Yes</b>	
46	Infantometer	Measuring range: 50 cm - 100 cm Unit of measurement: Centimeter Graduation: 0.1 cm Accuracy: $\pm 0.2$ cm Precision: $\pm 0.2$ cm Width of Board: 30 cm (approx.) Device weight: 1.2 kg	
47	Measuring Tape	Plastic tape measure (cm)	
48	MUAC Tape	MUAC measuring tape is suitable for measuring child's Middle Upper Arm Circumference (MUAC) with range up to 26.5 cm. Graduated with 1 mm precision with thicker line at 21.0 cm. Accuracy: $\pm 1$ mm of the maximum measurement (26.5 cm)/ MUAC measuring tape Suitable for measuring adult's Middle Upper Arm Circumference (MUAC, range to 56 cm). Graduated with 1 mm precision Accuracy: $\pm 1$ mm of the maximum measurement (50 cm)	
49	Steam Sterilizer (Medium / Large)		
50	Auto Clave (10 Litre)		
51	Auto clave Box( Drum )		
52	Tray instrument/	Dressing with cover 310 x 195x63mm SS	
53	Cheattle's Forceps and its Jar (SS)	Material: SS Product Type: Surgical Instruments Size: 20 to 25 cm Brand: Medi Cross Features: Corrosion Resistant	
<b>Pregnancy &amp; Child Birth</b>			
54	Digital Haemoglobin meter (without Strip)	Compact and lightweight portable Hemoglobinometer with Digital display 2. Finger prick, spot testing analyzer with micro cuvette technology. 3. Should have LED/ LCD display of hemoglobin in g / l or g/dl. 4. Instrument should be able to work in hot climate, up to 45degree Celsius. 5. Should have U.S. FDA or CE mark. 6. Should have in vitro diagnostic directives 98/79/EC. 7. The manufacturer should submit user list, preferably in Govt. organization. 8. Vender should quote the rates of micro cuvette with lancet used for lancet gun, which will remain same for two years from the date of order. Micro cuvettes should be compatible with digital Hemoglobinometer. 9. Vender must supply standards and controls necessary for the hemoglobin analyzer. 10. Vender should quote, separately the rates of standards and controls necessary for the hemoglobin analyzer. 11. Instrument should have at least two years warranty. 12. Vender should be	

		able to supply all necessary accessories (battery, cord etc.) as and when required. 13. Vender must train all the health personnel's, where this instrument is likely to be delivered. 14. Vendor must supply 5 Lancet guns along with each unit of Hemoglobinometer	
55	Glucometer	Glucose Ranges – (20 – 800) mg/dL Fill Direction – Automatic Sample Mode – Capillary Sample Whole Blood Sample Volume- 0.5 µL Analysis Time -5 Seconds	
56	Cusco Speculum (Medium)	Material-Stainless Steel Usage/Application-Hospital Size/Dimension-Medium Color-Steel Packaging Type-Individual Pack In Box Sterile Or Non Sterile-Sterile	
57	Sim's Speculum (Medium)	Material: Stainless Steel. Curvature: angled. Grade: Premium OR-Grade. Sterility : Non sterile. Type : speculum. Weight : 317 gm.	
58	Sim's Speculum (Large)	Material: Stainless Steel Usage/Application: Hospital Model Name/Number: Gynecology instrument Size/Dimension: Standard	
59	Uterine Sound	Uterine sound, malleable. Graduated in cm, shaft made of malleable metal, distal end bulbous, mounted on a handle. <b>Length: approximately 32cm.</b> Material: Silver-coated copper with brass handle.	
60	Sponge Holder	Size-25cm Material-Hard Steel Usage-Surgery	
61	Allis Forcep (Medium)	<ul style="list-style-type: none"> <li>• <b>Surname</b> : Allis</li> <li>• <b>Length</b>: 6",</li> <li>• <b>Brand</b>: Medsor Impex</li> <li>• <b>Instrument Type</b>: Surgical</li> <li>• <b>Material</b>: Stainless Steel</li> <li>• <b>Grade</b> : Premium O R grade</li> <li>• <b>Handle</b> : Finger rings</li> </ul>	
62	Allis Forcep (Large)	<ul style="list-style-type: none"> <li>• <b>Surname</b> : Allis</li> <li>• <b>Length</b>: 8"</li> <li>• <b>Brand</b>: Medsor Impex</li> <li>• <b>Instrument Type</b>: Surgical</li> <li>• <b>Material</b>: Stainless Steel</li> <li>• <b>Grade</b> : Premium O R grade</li> <li>• <b>Handle</b> : Finger rings</li> </ul>	
<b>Non-Communicable Disease</b>			
63	Mouth Mirror		

64	Tongue Depressor(Disposable)	Material-Wooden Quantity Per Pack-100 Piece Packaging Type-Box Country of Origin-Made in India Length-6inch	
65	Spoon Excavator	<ul style="list-style-type: none"> <li>• Material: Stainless Steel</li> <li>• They are manufactured from selective stainless steel by skilled workers with modern machines</li> <li>• Made of high quality Material</li> <li>• Color: Silver</li> <li>• These oral instruments are a must have for your clinical practice</li> </ul>	
<b>Common EYE &amp; ENT</b>			
66	Snellen Chart (illuminated) (EYE Department )	<p>Every line of the chart contains a different number of characters, i.e., eight characters on the 20/20 line and only 1 letter on the 20/200 line. This presents confusion when a patient's medical record shows, for example, a gain of 3 letters of acuity, which could indicate a small improvement on the 20/20 line or a gain of an entire acuity line in the 20/70 acuity. Furthermore, the progression between lines is variable, with different spacing from line to line. As such, a two-line improvement in acuity could represent a gain of 33% from 20/30 to 20/20 or a gain of 50% from 20/100 to 20/50. The lack of standardization in line progression, as well as the spread of the measurements, makes it difficult to make statistical comparisons on acuity data. Additionally, the distance between rows and characters varies considerably, creating a crowding phenomenon of adjacent contour interactions, reducing acuity. Finally, some letters (i.e., L, T, A) are reportedly easier to see than other letters (i.e., B, S, C)</p>	
67	Auroscope /AUTOSCOPE	<p>An Otoscope or auriscope is a medical device which is used to look into the ears. Health care providers use otoscopes to screen for illness during regular check-ups and also to investigate when a symptom involves the ears. With an otoscope, it is possible to see the outer ear and middle ear.</p> <p>Otoscopes consist of a handle and a head. The head contains an electric light source and a low power magnifying lens. The front end of the otoscope has an attachment for disposable plastic ear</p>	

		<p>specula. The examiner first straightens the ear canal by pulling on the pinna and then inserts the ear speculum side of the otoscope into the external ear. The examiner can then look through a lens on the rear of the instrument and see inside the ear canal. Many models have a detachable sliding rear window which allows the examiner to insert instruments through the otoscope into the ear canal, such as for removing earwax (cerumen). Most models also have an insertion point for a bulb capable of pushing air through the speculum which is called pneumatic otoscope. This puff of air allows an examiner to test the mobility of the tympanic membrane.</p> <p>Many otoscopes used in doctors offices are wall-mounted, while others are portable. Wall-mounted otoscopes are attached by a flexible power cord to a base, which serves to hold the otoscope when it's not in use and also serves as a source of electric power, being plugged into an electric outlet. Portable models are powered by batteries in the handle; these batteries are usually rechargeable and can be recharged from a base unit. Otoscopes are often sold with ophthalmoscopes as a diagnostic set. Diseases which may be diagnosed by an otoscope include otitis media and otitis externa, infection of the middle and outer parts of the ear, respectively. Otoscopes are also frequently used for examining patients' noses (avoiding the need for a separate nasal speculum) and (with the speculum removed) upper throats.</p>	
68	Tuning Fork (512 Hz)	<ul style="list-style-type: none"> <li>• A tuning fork is a metal instrument with a handle and two prongs or tines. Tuning forks, will vibrate at a set frequency to produce a musical tone when struck. The vibrations produced can be used to assess a person's ability to hear various sound frequencies</li> <li>• A vibrating tuning fork held next to the ear or placed against the skull will stimulate the inner ear to vibrate, and can help determine if there is hearing loss</li> <li>• A tuning fork is a metal instrument with a handle and two prongs or tines</li> </ul>	
69	Nasal Speculum (Small)	<ul style="list-style-type: none"> <li>• Material: Stainless Steel</li> </ul>	

70	Nasal Speculum (Large)	<ul style="list-style-type: none"> <li>• Grade: Premium OR-Grade</li> <li>• Sterility : Non sterile</li> <li>• Type : Speculum</li> <li>• Handle type : Thumb grip</li> </ul>	
71	Nasal Forceps for Foreign body removal	Stainless Steel	
<b>Oral Health</b>			
72	Dental Explorer		
<b>Elderly Care</b>			
73	Exercise Bicycle	<p>i) Tubular steel frame on properly balanced legs with four rubber tips</p> <p>ii). Fitted with one hard rubber type wheel, standard chain and a socket</p> <p>iii). Seat should be adjustable</p> <p>iv). Should be fitted with a ball bearing resistance roller which permits controlled movement in riding</p> <p>v. LCD/LED display with speedometer.</p> <p>vi. Warranty: 3 Years</p> <p>Manufacturer should be ISO13485 certified</p> <p>Product should be CE/BIS certified</p>	
74	Shoulder Wheel	<p><b>Clinical use:</b> Used for improving mobility &amp; strength of shoulder girdle &amp; rotator cuff muscles in case of frozen shoulder, paresis &amp; paralysis cases.</p> <p><b>Technical Specification:</b></p> <p><b>A.Shoulder Wheel:</b></p> <ul style="list-style-type: none"> <li>➤ It should be a wall mounted one.</li> <li>➤ The wheel for use of adult and pediatric</li> <li>➤ The motion arc can be adjustable from 10 to 38 inches by adjusting the handle.</li> <li>➤ The wheel shall be mounted on a two chrome plated height adjustable (8" to 26") rails.</li> <li>➤ The resistance can be varied by turning the resistance knob.</li> <li>➤ The manufacturer should be ISO certified</li> </ul>	
75	Walker	<p>Product type: Frame type, foldable walker</p> <p>Purpose : Walking training device for improving postural alignment while walking, overcoming musculoskeletal impairments and for improving mobility anterior support with less energy consuming</p> <p>Usage : Youth &amp; OLD</p> <p>PRODUCT INFORMATION</p> <p>Posture control possible: <b>Yes</b></p>	

		<p>Light weight: <b>Yes</b>  Wiped clean with a damp cloth: <b>Yes</b>  Safety mechanism provided to prevent the user from slipping while walking : <b>Yes</b>  Foldable for easy storage and transportation: <b>Yes</b>  Anterior support <b>Yes</b>  Forearm Supports with latex free flanged hand grips: <b>Yes</b>  DIMENSIONS, MATERIAL &amp; WEIGHT  Material frame: <b>Stainless steel tubular frame</b>  Height of walker with standard wheels (cm) :<b>NA</b>  Height of walker with activity wheels (cm): <b>NA</b>  Distance between hand grips (cm):  34  Frame width (Cm) : 58 to 60  Frame length (cm) : 52-59  Maximum user weight (kg): 100  Frame weight (kg) : 2.5 to 3.0  PACKING MODE  All the main parts and accessories are Individually bubble wrapped and packed in a strong box to avoid transit damage <b>Yes</b>  CERTIFICATIONS &amp; REPORTS  Submission of Test Report from Central Government /NABL/ILAC accredited Lab or Manufacture's in house Test Report to prove the conformity to declared specification at the time of supply <b>Yes</b>  Certification Available: <b>ISO for manufacturer</b>  Product should be CE/ BIS approved  WARRANTY:1year</p>	
76	Cervical Traction (Manual)	<p>Cervical Traction Kitis a complete apparatus designed to provide traction to the cervical and upper dorsal vertebrae. Cervical traction Kit includes the following:</p> <ul style="list-style-type: none"> <li>➤ Traction Pulley Bracket</li> <li>➤ Cervical Traction Head Halter</li> <li>➤ Cervical Traction Spreader Bar</li> <li>➤ Traction Cord(Nylon rope)5meter.</li> <li>➤ Traction Weight Bag with weights</li> </ul> <p>Controlled continuous traction  Easy removal and application  Reduced frictional losses</p>	

		<p>Durable and sturdy for a long life and multiple use.</p> <p>Can be used in sleeping posture. Pulley is ergonomically designed to fit any bed side. Soft padded head halter provides a comfortable interface for the traction, is easy to wear and use.</p> <p>Manufacturer should be ISO13485 certified</p> <p>Product should be CE/BIS certified.</p>	
77	Gait training apparatus	<p><b>Clinical Use: It use for horizontal surface gait training, Coordination training of lower limb in various neurological conditions like paralysis, GBS, Parkinson etc.</b></p> <p><b>Technical Specification</b></p> <p>The parallel bar should be a height adjustable; plat form based one which should be very simple for easy accommodation of multiple patients of age group.</p> <p>The handrails should be in single piece, circular in design stainless steel ribbed pipe of minimum diameter 1 1/2".</p> <p>Both the end of the handrails should be fitted with bumpers.</p> <p>The Uprights should be made of heavy gauge square 1 1/2" steel tubes.</p> <p>All parts should be powder coated except the handrail. The handrail should single piece stainless steel pipe</p> <p>The uprights are to be fitted on a 1 1/2" thick hard plywood base water and termite resistance. Both end of this platform should be curved slope for obstruction free. The platform should be stain finish. Both the end of the plat form should have two anti-slip threads for none skidding.</p> <p>Safety treads at both ends of platform should be provided for safety of the patient when take turn.</p> <p>Models make it safer for patient to turn</p> <p><b>15.3: Minimum dimension of the structure:</b></p> <p>Length of the bar: 10feet</p> <p>Width of the bar: 25" – 28"</p> <p>Height adjustment of the Bar: 26" – 39"</p> <p>The manufacturer should be ISO approved.</p>	
78	Infrared Lamp		
79	Nebulizer	<p>1.Operating Pressure :1 to 1.5 bars</p> <p>2.Heavy Duty,Compact,light weight, low noise(45dB+-3dB)</p> <p>Model Should be</p> <p>USFDA/CE(notified)approved.</p>	

<b>Emergency Medical Service</b>			
80	Saline Stand	Overall approx. size: height – 150cm-230 cm (with telescopic adjustable height)	
81	Bed Pan	1. Made of light weight polyethylene 2. Resistant to stains & cracks 3. Contoured design molded plastic for adults with wide seat 4. Can be boiled or autoclaved up to 275 degrees F 5. 350-pound weight capacity 6. 'pontoons' on sides to aid stability 7. Recessed tailbone area for comfort	
82	Bed side urinal		
83	Dressing cum observation Table		
84	Needle holder for Stitching	Family :- NEEDLE HOLDER / Material:- AISI 410 / Hardness:- 40 TO 44 HRC. Components:- 02 / Products Weight :- 30 TO 40 Grm Appox Code:- AF-120-14-D Size:- 14.0cm / STRAIGHT Category:- Disposable Sterile Metal Instruments Type:- Medical Device Class:- IIA Rule #-: 6 Justification:- SINGLE USE SURGICALLY INVASIVE TRANSIENT USE Intended Use:- HOLD AND PASS THE NEEDLE THROUGH THE TISSUE WHILE SUTURING Reference To Manufacturing Procedure:- JI/CE/FCP2 Marking:- Ce /stainless Steel / Sign Of Single Use / ( SKU / LOT # On Customer Request) Sterilization Method:- Gamma Radiation / Dose Level 2.5MRD PACKING Material:- DuPont Tyvek Sterilization Reels width Size: 10.16 cm	
85	Tooth Forceps	High quality stainless steel & wear ... Adson dissecting <b>forceps toothed</b> 12cm, 15 cm 6 each.	
86	Plain forceps		
87	Artery Forceps		
88	Sinus Forceps		
89	Set of AMBU Bag (to include Adult, paediatric and neonatal AMBU bag and masks and oral adjuncts)		
90	Tourniquet (Adult & paediatric)	ONS Fabric cuffs with silicon bladder having length of bladder equivalent to complete cuff length, washable at 60 C All Cuffs supplied with Male Coupling ( LT-10030003 ) to fit our IT 2003 Double C Double LD-10020012 Double LD-10020013 Double LD-10020014 Double LD-10020015 0 Quick Tourniquet Double Cuff* for Child 8 x 30 (W x L) LD-10020011 Tourniquet Cuff* for Standard Arm 12 x 35 (W x L) Tourniquet Cuff* for Standard Leg 18 x 61 (W x L) Tourniquet Cuff* for Long Arm 12 x 46 (W x L)	

		Tourniquet Cuff* for Long Leg 18 x 76 (W x L) *Autoclavable Cuffs, Conical Cuffs, Special Sizes cuffs available on	
<b>Bio -Medical</b>			
91	Colour coded Bins (one set) – medium size (foot operated)		
92	Plastic Tub with lid (10" base)		
<b>EIF for PHC-HWCs</b>			
93	Heavy Duty Racking System for Drug store		
<b>Facility Assessment for PHC Laboratory Equipment Requirement</b>			
94	Binocular Microscope with Oil immersion	<p>Microscope Type: laboratory binocular non-hinged type with built in light and with light intensity regulator  Conformity to Indian Standard:  Research IS:5204 latest  ISI MARKED :NA  Eye piece Type : Compensating  Binocular Eye pieces Confirming to the requirements of IS: 8275/1976 ( latest)  :Yes  Eye Piece with magnification : Set of Two For Binocular 10x  Objective Type : achromatic  Objective Magnification :100X,40X,10X,4X  Numerical Apertures of Objective: 1.25  Type of lamp for Illumination :LED  Plano Concave mirror attachment :Yes  Stage : Rectangular  Size of Stage : 76 X 40 MM/Standards Size  Coarse and Fine Movement of stage:Yes  Co-axial focusing :Yes  Micrometer Arrangement :No  <b>ACCESSORIES</b>  Extra eyepieces (inclusive in the scope of supply) : NA  Carrying case (inclusive in the scope of supply):Yes  <b>WARRANTY</b>  Warranty 2 year  <b>CERTIFICATION</b>  Availability of Test Report from Central Govt/NABL/ILAC accredited lab to prove conformity to specification No  Test Report No and Date N.A.  Name and Address of the LabN.A.  Manufacturer Should be ISO13485 certified  Model should be CE/USFDA /ISI approved</p>	
95	Stool Transport Carrier		
96	Test tube rack		
97	Table Top Centrifuge		
98	Refrigerator	200liter capacity may be procured as per	

		availability of service facility .	
99	Spirit lamp		
100	Smear Transporting Box		
101	Digital HB Meter		
102	ESR Stand with tube		
103	Micro Pipette		
104	Incubator		
105	Rotor/Shaker		
106	Semi automated Bio Chemistry Analyzer		
107	CBC 3 part		
108	TCDC count		
109	Nebulizer chamber		
110	Pressure cuff & stop watch		
<b>Other Cost towards management of Diagnostic services at Sub Center</b>			
111	Slide Transport Box		
112	Sample transport Box (Thermo cool)`		
113	Rack/Cabinet for storage of lab Consumables		
114	Cost towards Sample & Diagnostic Kit transportation from PHCs per Annum		
<b>Others</b>			
115	M242VA/EVA kit		
116	Doppler		
117	3ml Insullin Cartridge	100iu/ml	
118	Insulin Pen		
119	Needles(For Insulin)		
120	Digital Haemoglobin meter with Strip(100 nos)		
121	Nebulizer		
122	Pulse Oxymeter		
123	NSV kits		
124	Minilap Kits		
125	IUCD Kits		
126	2D model or poster kits	Comprising of M/F reproductive organs ,menstruation cycle, smokers lungs,etc	
127	Portable Tube Seal		
128	Tube Stripper		
129	Hub Cutter	Electrical and manual	
130	St Martin Forceps		
131	Toothed Forceps/Fixation Forceps		
132	22G irrigation Cannula		
133	Utrata Capsnlorrhesis Forceps		
134	Microcapsulorrhitis Forcep		
135	Enndeation Scissors		

136	Vitreono Scissors		
137	Lid plates		
138	Bowman Lacrimal Probe		
139	Descmarres lid Retractor		
140	Casttoriejo Callipers		
141	Eye Pad		
142	Hydrodiesection cannula(26G)		
143	Chairs for patient waiting area	Size: 3 seated (L)1700mm*W550mm*480mm Approximate10mm+/-	
144	Bed sight Screen (Screen Separators with stand)	• 3 folding partitions - 6 feet high and 6 feet long when opened	
145	Steel Almirah	Size: 900 mm (W) x 480mm (D) x 1900 mm (H)Height	
146	Cupboard/storage chests	(Approximate20mm+/-) • Construction & Material: Minimum 0.8 mm thick CRCA for Shelf & 0.9 mm thick CRCA for all other components. • Locking: 2 way locking mechanism with shooting bolt provided chrome plated with Handle	
147	Examination Table with Foot Step	• Overall approx size: 1820 mm L x 570mm W x 820mm H (L x W x H) $\pm$ 20mm	
148	X-Ray View Box		
149	Basin 825 ml. Ss (Stainless Steel)	Basin of 825 ml. Ss (Stainless Steel)	
150	Basin deep (capacity 6 litre)	SS Basin square/rectangular shaped of capacity 6liter.	
151	Tray instrument/ Dressing with cover 310 x 195x63mm SS,	Instrument Tray with Cover Made of 304 grade Stainless Steel Size: 310 x 195x63mm	
152	Dressing Drum with cover 0.945 litres stainless steel		
153	Hemoglobinometer (strip/micro-cuvette)	The unit should have LCD screen for instant display of test result. • Measurement Range: 4gm./dL to 20gm./dL • Accuracy should be $\geq$ 96%CV <5%	
154	Weighing Scale, Adult 125 kg/280 lb	Zero adjustment facility should be there. Sensitivity: 500 gm Range of weighing: 0-125kg	
155	Instrument Sterilizer	Electrically operated. Size ideally: 24x8x6 inch	
156	Sphygmomanometer Aneroid 300 mm with cuff		
157	Surgical Instruments	Quality standard (Applicable to all surgical instruments): Instruments should be made up of stainless steel medical grade AISI 410 & 420. Test reports should be submitted in the technical bid. Part No. and the CE Mark must be engraved/ Embossed on the instrument. Sample demonstration Instrument should cover 2 years replacement warrantee. All the instruments should be autoclavable.	
158	Kelly's Forceps	Kelly's hemostat Forceps straight 140 mm	
159	Cheatle's Forceps with Holder	Cheatle's Forceps 10" with SS Holder	

160	Needle Holder	Needle holder -8inch	
161	Scalpel holder with blade	Central Store supply	
162	Sponge holder	Sponge holding forceps 8" with double action Jaws	
163	Kidney tray	Kidney tray,8"	
164	Artery Forceps, straight, 160mm Stainless steel	Artery Forceps, straight, 160mm Stainless steel	
165	Stitch cutter	Stitch cutting size with round handle double action jaw of 6 inch.	
166	Allis forceps	Tissue Forceps finger ring, ratcheted forceps straight with 5x6 teeth and an overall length of 7-1/2 inches.	
167	Dressing Forceps (spring type), 160 mm, stainless steel	Dressing Forceps (spring type), 160 mm, stainless steel	
168	Stethoscope	<ol style="list-style-type: none"> <li>1. Stain less steel Chest piece</li> <li>2. Dual head rotatable with diaphragm on one side and bell on the other</li> <li>3. Non-chill diaphragm and retaining ring</li> <li>4. Non-chill lining for the bell</li> <li>5. Soft sealing ear tips.</li> <li>6. Head set anodized aluminum or stainless steel</li> <li>7. Tube length 20 to 30 inches</li> <li>8. Epoxy fiber glass diaphragm is desirable</li> <li>9. Diaphragm diameter is an inch to 1 ½ inch</li> <li>10. An extra set of ear piece/ diaphragm and retainers should be provided.</li> </ol>	
169	Hub Cutter and Needle Destroyer	<ol style="list-style-type: none"> <li>1. Electric or Non-electric</li> <li>2. Power source 220-240 V AC (12 V DC is desirable)</li> <li>3. Burn/Damage the needle and cut the syringe tip.</li> <li>4. Should not cause injuries</li> <li>5. The damaged needles should automatically collect in a container which can be transferred to sharps container without direct handling of needles.</li> <li>6. Electric needle and syringe destroyers should be shock proof and made of ABS plastic or steel</li> </ol>	
170	Artery Forceps-Curved	Artery Forceps 6"Curved double action jaw ratcheted with ring handle double action jaws.	
171	Gauze Cutting Scissors	Angled with the lower blade being slightly longer & tip of the lower blade features a flattened blunt nodule to slide between bandages and skin without harming the skin. Size:5"	
172	Digital Thermometer	<ol style="list-style-type: none"> <li>1. Sleek design</li> <li>2. Flexible tip</li> <li>3. Washable</li> <li>4. Centigrade and Fahrenheit Measurement option</li> </ol>	

		<p>5. Memory of the last event</p> <p>6. Temperature range must include 32 to 42oC</p> <p>7. Auto power off</p> <p>8. Fever alarm (100oF)</p> <p>9. Should include a storage case</p>	
173	Examination Lamp	<ul style="list-style-type: none"> <li>• Source of Light: LED light</li> <li>• Illumination(lx) should be LED</li> <li>• Minimum 25,000 Lux at a working distance of .5m</li> <li>• Radial and axial movement of the lamp</li> <li>• Colour temperature: minimum 4000K</li> <li>• Minimum Diameter of the spot 5cm</li> <li>• Flexible Light pipe for easy positioning of minimum length of 1meter.</li> <li>• Lamp Life of minimum 30000 hrs</li> <li>• CRI&gt;90</li> </ul>	
174	Oxygen Cylinder trolley	<p>1) Single gas cylinder trolley for shifting industrial gas cylinder having dia-232 mm, length-1370 mm, (7 cubic meter capacity),</p> <p>2) Mild steel tubular body with suitable base, 02 no backrest. 3) Chain is provided for chaining the cylinder during shifting. 4) 02 No's solid rubber tyres wheels (Approx. 200 mm Diameter and 40 mm thickness) are required. 5) All Body frame of gas cylinder trolley work must be duly finished with enamel paint. 6) It is easy to handle, Rugged construction &amp; Light weight</p>	
175	Slide drying rack	Acrylic slide rack, inclined, used for draining/drying slides. 5 slots accommodate 25 slides.	
176	Specimen collection bottle(100/pack)		
177	Micropipette		
178	Yellow Tips for Micropipette		
179	Neubauer's Chamber(CellCounter)		
180	ESR Stand with tube	<p>Capacity (milliampere)-6,12</p> <p>Automation Type-Manual</p> <p>Handle Material-Steel plastic Rubber</p> <p>Color-Grey, White</p> <p>Material-Steel, Plastic</p>	
181	TC-DC Count apparatus		
182	Stopwatch		
183	Sickling test kit	<p>Kit consists of</p> <p>R1-2x20ml(Solubility buffer)</p> <p>R2-2 vials (Solubility reagent-Sodium Dithionite)</p> <p>Empty reaction tube-20nos</p> <p>Result reading stand-1</p> <p>Reagent dropper-2</p> <p>Sample dropper-20</p> <p>71Rubber teat-2</p>	

		Pa72ck insert-1	
184	Water quality test- H2S Strip test	<ul style="list-style-type: none"> <li>• Sensitivity: 5, 10, 20, 30, 40, 50, 60 and 80 ppm (mg/L)</li> <li>• Test time: 30 seconds</li> <li>• Bottle of 50 test strips</li> </ul>	
185	Colorimeter	<p>Readout Graphical 4 line, 16 character per line LCD Wavelengths 430nm, 520 nm, 570 nm, 620 nm Wavelength Accuracy <math>\pm 2</math> nm Readable Resolution Determined by reagent system Wavelength Bandwidth 10 nm typical Photometric Range -2 to +2A Photometric Precision <math>\pm 0.001A</math> Sample Chamber Accepts 25 mm diameter flat-bottomed test tubes, 10 mm square cuvettes, 16 mm COD test tubes Light Sources 4 LEDs Detectors 4 silicon photodiodes with integrated interference filters Modes Absorbance, pre-programmed tests Pre-Programmed Tests YES, with automatic wavelength selection User Defined Tests Up to 10 user tests can be input RS232 Port 8 pin mDIN, 9600b, 8, 1, n Power Requirements Battery Operation: 9 volt alkaline Line Operation: 120/220V, 50/60 Hz with adapter Dimensions (LxWxH) 8.5 x 16.2 x 16.7 cm, 3.4 x 6.4 x 2.6 inches Weight 312 g, 11 oz (meter only) Data Logger 350 test results stored for download to a PC</p>	
185	Centrifuge machine	<p>Centrifuge design Bench top Size ( Overall Dimension-LxBxH in mm) Around 570 x450x 510 Type of Motor Brushless (without carbons)with smooth and soft start Configuration of Rotor supplied with centrifuge machine Swing head rotor with 4 x100 ml capacity Type of lid lock Manual and electronic, with emergency lid lock release Safety lid interlock to prevent lid opening during centrifugation Imbalance detection and centrifugation stop with display of error Yes Parameters to be displayed by the digital display RPM, RCF, Set time, Run time, Rotor running indication , imbalancing Display Type LCD Speed controller Microprocessor controlled pre-programmed speed controller which can control RPM as well as RCF Maximum RPM with no load 20000 RPM setting accuracy <math>\pm 5\%</math> Type of Tubes which can be used with centrifuge machine Polypropylene centrifuge tubes and Glass centrifuge tubes Power supply 230 Volts 50 Hz AC <math>\pm 10\%</math> Length of Power cord approx.3 meters Assembly Material of Centrifuge Die cast Aluminium, Aluminium sheet, Stainless</p>	

		Steel, CRC Steel, Plastic and Rubber Lid Material of Centrifuge CRC Steel finish with powder coating or stove painting with gas hinges to prevent door falling Body material of Centrifuge CRC Steel Finish with Powder Coating/ Stove Painting Front Panel of centrifuge CRC Steel finish with powder coating or stove painting Centrifuge Bowl material in Centrifuge 304 Quality Stainless Steel Moulded Material of Rotor Aluminium Warranty period 1 year	
186	Weighing Scale, Infant (10 Kg)		
187	Vulsellum Uterine	Vulsellum Uterine Forceps curved 25.5 cm	
188	Cusco's/Graves Speculum vaginal bi-valve	Cusco's/Graves Speculum vaginal bi-valve small size	
189	Sims retractor/ depressor	Sims retractor/depressor small size	
190	Sims Speculum vaginal double ended ISS Medium	Sims Speculum vaginal double ended ISS Medium size	
191	Uterine Sound Graduated	Uterine Sound Graduated 10-12"	
192	Cord cutting Scissors	Cord cutting Scissors- Size 6 inch double action jaw with round handle. Blunt, curved on flat, 160 mm ss	
193	Foetal Doppler	<p>1. The system should be Microprocessor based Foetal Monitor providing continuous monitoring of foetal heart rate (FHR) alongwith maternally sensed foetal activity during antepartum testing for NST (Non-StressTest) and for intensive monitoring of active labor, with twin foetal monitoring facility at the same time. 2. Transducer i Type: Multicrystal wide –beam transducer. ii Technique: Autocorrelation. iii Quantity :2 nos (FHR 1, FHR 2) iv Frequency : 1MHz to 2 MHz. v Intensity : Less than 10mW/Sq cm. vi Resolution: 1BPM. vii Heart Rate counting Range: 30 to 250BPM. 3. Printer : Facility to print on Inbuilt thermal printer (On thermal paper) as well as on plain paper via any Deskjet/Laser printer ( Should provide connectivity for Deskjet/Laser Printer). i Paper : Z –fold Pre-printed chart scale. ii Speeds: 1 to 3cm/minute. 4. Features: i 1. Twin fetal monitoring with TOCO transducers – 01 No. ii 2. It should have clinical event marker. iii 3. It should have monitoring of Bradycardia &amp; Tachycardia alarm events. iv 4. It should have facility to control the volume of FHR sound. v 5. It should have battery back up of 4-6 hours. vi 6. Power Supply: 230Vac, 50/60Hz 5 Accessories : i 1. Should provide rechargeable battery along with recharging unit (Charger/</p>	

		<p>Adaptor). ii 2. Should provide a pre-cut non-fray elasticized belt with buckle shall enable easy transducer positioning for more accurate traces.- 03Nos. iii 3. Vibroacoustic stimulator – 01 No. 6 Display: i 1. Display Minimum 5". ii 2. Actual FHR1 &amp; FHR2 in BPM. iii 3. Uterine Contraction/Activity in %. iv 4. High / Low FHR limits. v 5. Alarm Message Display. vi 6. Battery charging and Low indication. vii 7. Blinking corresponding to each beat 7 Patient Database: It should store more than 10 hours, memory to store all the data. In case the printer goes out of order, machine should continue monitoring and then download to printer afterwards for printing or be viewed. 8 Computer interface through RS232 connection. 9 Unit quoted should have unique model number. 10 Units supplied should hold a unique Serial/Identification number. 11 Two years comprehensive warranty. 12 Should be CE (Should be from Notified Body) or US FDA Approved 13 Should quote Standard Accessories separately. 14 Should Provide Extra Ultrasound Transducer- 01 No. &amp; TOCO Transducer – 01 No., pre-cut nonfray elasticized belt- 17Nos. 15 Demonstration is compulsory 16 Should Provide Training to the end user and Biomedical Engineer. 17 Tropicalisation: 1. Operating room temp. 40deg. C 2. Storage room temp. 60deg. C 3. Relative Humidity 90% Non-condensing 18 Should quote Cost of AMC and CMC separately. 19 Should Provide Service, Spare parts and consumables support for Ten years.</p>	
194	Suction Machine	Foot	
195	Suction Machine	Electrical	
196	Ambu Bag (Paediatric size) with Baby mask		
197	Interdental cleaning aids	Wooden/plastic Triangular Sticks Interproximal Brushes	
198	Dental Probe	Single Ended with round handle.Made of SS,Handle of size 12mm, and Graduated probe.CPI TN/UNC15 typemade of stainless still 410 /420 grade.	
199	Universal tooth extractor	Dental Forceps of standard size foradult use . Straight curvature with Serrated work surface area.Made of Stainless Steel 410 grade.Instrument handle is of Englishparten. The set shall be consists of 12 items of universal dimensions.	
200	Torch	LED focusing torch with chrome/steel	

		ribbed body (medium size) with battery	
201	Tongue Depressor	Wooden flat disposable tounge depressor. Box size:100/Box	
202	Mouth Gag	Size-5", Finger ring instrument with grip & locking system.Blades of 1" long & 1/4" wide.	
203	Tuning fork	Nickel-plated steel, material thickness 8 mm, Frequency: 128 Hz / 512 Hz	
204	Nasal Speculum (St. Claire's)*	Nasal Speculum of length 3" having two 5mm wide x 11mm long blades.	
205	Ear Speculum - metallic, dull finish		
206	Jobson-Horne probe		
207	Otoscope		
208	VIA Kit for screening cervical cancer	VIA -Visual Inspection with acetic Acid kit: <ul style="list-style-type: none"> <li>• Acetic Acid 0.5%=100ml=2bottles</li> <li>• Cotton swabs-1 pack of 100 swabs</li> <li>• LED focusing torch with chrome/steel ribbed body (medium size) with battery</li> <li>• Glass Slides -1 packet of 100 slides</li> <li>• Cosco speculum Made of SS 410 grade.Medium Size</li> <li>• Sterilized disposable gloves-1 packet of 100 gloves</li> </ul>	
209	Snellen vision chart	Snellen vision chart	
210	Near vision chart	Near vision chart	
211	Doctor's chair (full back)	Doctor's chair (full back)	
212	Doctor's Table	Doctor's Table	
213	Duty Table for Nurses	Duty Table for Nurses	
214	Steel Cup-board	Steel Cup-board	
215	Racks -Steel	Racks -Steel	
216	Patients Waiting Chairs (Moulded)* 3 seated	Patients Waiting Chairs (Moulded)* 3 seated	
217	Office Chairs Medium Back	Office Chairs Medium Back	
218	Office Table 48"x24"x30"	Office Table 48"x24"x30"	
219	Filing Cabinets (for records)*	Filing Cabinets (for records)*	
220	Stores Almirah		
221	Bedspreads		
222	Blankets Red and blue		
223	Table cloth		
224	Doctor's overcoat		
225	Hospital worker ot coat		
226	Patients house coat (for female)		
227	Patients Pyjama (for male) Shirt		
228	Abdominal sheets for OT		
229	Pereneal sheets for OT		
230	Leggings/ SNCU Staff Dress		
231	Stainless Steel Pole Hanging Dustbin	50 ltrs	
232	Foot Operated Yellow colour	Iron/Stainless steel with bio hazard	

	dustbin stand	symbol(Odisha Govt. Supply) 30/40 ltrs	
233	Foot Operated Red colour dustbin stand	Iron/Stainless steel with bio hazard symbol(Odisha Govt. Supply) 30/40 ltrs	
234	Foot Operated Black colour dustbin stand	Iron/Stainless steel with bio hazard symbol(Odisha Govt. Supply) 30/40 ltrs	
235	Foot Operated Blue colour dustbin stand	Iron/Stainless steel with bio hazard symbol(Odisha Govt. Supply) 30/40 ltrs	
236	Wheel barrow		
236	Green Colour Waste Bin HDPE material	Swing model 30ltrs	
237	Food trolley		
238	Cold Box & Ice Pack		
239	Aluminium Ladder		
240	Water Purifier	RO+UV	
241	Eureka Forbes 3 bucket mopping trolley		
242	Mats (Nylon)		
243	Roller Splint	1. Light weight 2. Radiolucent 3. Made of foam and alloy 4. Flexible and malleable, high indentation 5. Reusable, washable 6. 110 mm * 760 mm – 2 numbers 7. 110 mm * 460 mm – 2 numbers	
244	58Yellow Colour Waste Bin	30ltr HDPE material (Swing Model)	
245	Yellow Colour Waste Bin	30ltr HDPE material	
246	Yellow Colour Waste Bin	30ltr HDPE material (Frame of Stainless Steel)	
247	Red Colour Waste Bin	30ltr HDPE material (Swing Model)	
248	Red Colour Waste Bin	30ltr HDPE material	
249	Red Colour Waste Bin	30ltr HDPE material (Frame of Stainless Steel)	
250	Blue Colour Waste Bin	30ltr HDPE material (Swing Model)	
251	Blue Colour Waste Bin	30ltr HDPE material	
252	Blue Colour Waste Bin	30ltr HDPE material (Frame of Stainless Steel)	
253	Black Colour Waste Bin	30ltr HDPE material (Swing Model)	
254	Black Colour Waste Bin	30ltr HDPE material	
255	Black Colour Waste Bin	30ltr HDPE material (Frame of Stainless Steel)	
256	Puncture Proof Container	5ltr capacity	
257	Needle Cutter	Electrical	
258	10% Hypochloride Solution	5ltr capacity	
259	Gum boots		
260	Utility Gloves	Size-All Size	
261	Mask		
262	Head Caps		
263	Plastic Apron		
264	Shoe Cover		
265	Knife		

266	Scissor		
267	Ampoule Cutter		
268	Goggles		
269	Disposable Plastic Bag	Black & Green Colour	
270	Dust Bin wheeled (Green colour)	120 ltr capacity	
271	Hydraulic Trolley		
272	Red bag(Plastic)	Biodegradable HDPE/LLDPE/PP Made with virgin chlorinated material with minimum thickness of 55 micron and bio medical waste management rules ,logo of "Bio hazard" must be printed size H13" x W9"	
273	Black bag(Plastic)		
274	Yellow Bag(Plastic)		
275	Blue Bag (Plastic)		
276	Black bag(Plastic)		
277	Zipper Bag	Transparent with zip lock Size H 8" x W 6"	
278	Hypochlorite Solution	1%,2% and 10%	
279	Twin Bucket		
280	Alginate(3M)		
281	GIC Type-2		
282	GIC Type-9		
283	Zoe Cement		
284	Calcium Hydroxide		
285	Zinc Phosphate		
286	Cavitemp		
287	Putty Impression		
288	Light body Impression		
289	Gold Cure Acrylic		
290	Topical Lignocaine Spray		
291	Dual cure resin Cement		
292	Self Developing X-Ray		
293	Guttaperche-6%		
294	Guttaperche-2%		
295	Tooth Bleaching Agent		
296	Polishing Paste		
297	Forceps for Extraction		
298	Cement Plugged Trimmer		
299	Phenol Solid		
300	Imersion oil		
301	Concentrated Sulphuric Acid		
302	Methylene Blue		
303	Carbol Fuchin		
304	Methylated Spirit		
305	Microscope Glass Slide		
306	De-ionised Distill Water	20 lts	
307	Phenys 40%,Full Black		

308	Diamond Marker Pen		
309	Filter Paper		
310	Timer	Manual	
311	Slide Tray	For Slide Drying	
312	Glass Rod	For Staining	
313	Tissue Roll Paper		
314	Room Thermometer		
315	Slide Capturing Foreshape		
316	Falcon Tube Stand		
317	Glass funnel	Medium Size	
318	Borosil Round Jar	3 lt	
319	Borosil Round Jar	4 lt	
320	Borosil Bottom Flask	3 lt	
321	Borosil Bottom Flask	4 lt	
322	Borosil Jar	2.5 lt	
323	Borosil Measuring Cylinder	1 lt	
324	Borosil Measuring Cylinder	200 ml	
325	Reagent Dropping Bottles	500 ml	
326	Lense Cleaning Paper Book		
327	Plastic Funnel	Medium Size	
328	Sputum Container		
329	Slide Box	Big Size(100)	
330	Microscope Bulb		
331	Blu Filter Glass		
332	Apron	White Cotton	
333	Muscle Stimulater		
334	Ultra Sound Therapy		
335	Wheel Chair		
336	Gonio-Meter		
337	Dyano Meter		
338	Knee Hamer		
339	Head Light	<p><b>Purpose:</b> Coaxial luminaire provides shadow free illumination for improved efficiencies</p> <p><b>Light weight and comfortable head band options</b> : Yes</p> <p><b>Supply of accessory like chager,cable &amp; batteries</b> : Yes</p> <p><b>Color of light</b> : Cool day light</p> <p><b>Brightness (Lumen):</b> 40</p> <p><b>Color Temperature (Degree Kelvin):</b> 4500 degree K,</p> <p><b>Minimum LED Life (Hours):</b> 20000</p> <p><b>Nature of focusing:</b> Spot</p> <p><b>Portable compact design with no wires-into shirt pocket:</b> Yes</p>	

		<p><b>Charging time (Hours):</b> 2-4Hours  <b>Color rendering index (CRI):</b> 90  <b>Type of battery</b> : Alkaline  <b>Run time (Minutes ):</b> 60  <b>ON/OFF control:</b> Yes  MINIMUM Spot diameter (mm): 10  MAXIMUM Spot diameter (mm) : 60  <b>Standards:</b>  Product complies with: <b>IEC 60601-1 and IEC60601-2-41</b> :Yes  Model Should be CE/BIS certified :<b>Yes</b>  Manufacturer should be ISO13485 certified:  <b>Yes</b></p>	
340	Ear Specula	<p>Shape: Oval cone design  Material: Stainless Steel, antimagnetic, acid-resistant  Supply: Set of 4nos. Diameter: 3mm, 4mm, 5mm &amp; 7mm respectively.  Sterilization / Disinfection: Completely reusable and fully autoclavable.  Each instrument shall be embossed/etched with manufacturer's name, initials or recognized trade-mark and the words 'Stainless Steel' or letters 'ss'  Manufacturer should be ISO 13485 certified  Product should be CE/BIS approved</p>	
341	Nasal Speculum	<p>Type: Thudichum  Product: Nasal Specula  Profile: Set of 3 (Adult sizes-4&amp;5 &amp; pediatric sizes-3)  Specialty: Rhinology Instruments  Material: Stainless Steel (ASi410/420)  Surface Finish: Satin  Sterilization / Disinfection: Completely reusable and fully autoclavable.  Each instrument shall be embossed/etched with manufacturer's name, initials or recognized trade-mark and the words 'Stainless Steel' or letters 'ss'  Manufacturer should be ISO 13485 certified  Product should be CE/BIS approved</p>	
342	Mouth Mirror	<p>Type Mirror With Handle  Shape of Mirror: Round  Diameter of Mirror (mm) set : 18 millimeter &amp; 20 millimeter  Material of housing of the mirror: Medical Grade Stainless Steel (316/ASi410)  Anti Fog Coating Yes  Thick Non-Slip Handle for perfect grip: Yes  Mirror should be With minimum 10 Cm  Length of Handle: Yes  Mirror should be detachable from the</p>	

		<p>handle: Yes          Extra light and handy for more fatigue-free working : Yes  <b>GENERAL FEATURES</b>          Product Description: Dental Mouth Mirror or Dentist's Mirror          Clinical Purpose: For allowing indirect vision by the dentist, reflecting light onto desired surfaces and retraction of soft tissues          Disposable or Reusable: Reusable          Sterile :Yes          Autoclavable: Yes          PACKAGING:Individually Packed  <b>CERTIFICATIONS &amp; REPORTS</b>          Submission of Test Report from Central Govt/NABL/ILAC accredited Lab to prove the conformity to declared specification at the time of supply: YES          Product certification: Manufacturer should be ISO13485 certified          Product should be CE /IS approved  <b>WARRANTY &amp; MAINTENANCE</b>          Warranty (Yrs) :Replacement warranty of 1year</p>	
343	Tongue Depressor	<p><b>MAYO TONGUE DEPRESSOR</b>          Types shape Flat with round ends          Stainless Steel(ASI410/420)          Surface Finish: Polish          Sterilization / Disinfection: Completely reusable and fully autoclavable.          Each instrument shall be embossed/etched with manufacturer's name, initials or recognized trade-mark and the words 'Stainless Steel' or letters 'ss'          Manufacturer should be ISO 13485 certified          Product should be CE/BIS approved          Child Size 140mm          Adult Size 200mm</p>	
344	Foreign Body Removal Forceps	<p>Name: Alligator          Type: Forceps          Size:5 1/2"          Surface Finish: Polish          Curvature: Straight Jaws with angled Shanks          Working Surface style: Horizontally Serrated          345Material: Stainless Steel(ASI410/420)          Sterilization / Disinfection: Completely reusable and fully autoclavable.          Each instrument shall be embossed/etched with manufacturer's name, initials or recognized trade-mark and the words 'Stainless Steel' or letters 'SS'          Manufacturer should be ISO 13485 certified</p>	

		Product should be CE/BIS approved	
345	Periodontal probe	<p>Double ended periodontal probe. Provides accurate pocket depth measurement – and information on sub gingival calculus and other root surface unevenness</p> <p>Ball end of <math>\varnothing</math> 0,5 mm - Increases tactile sensitivity - Does not damage tissue or pierce pocket bottom</p> <p>Sterilization / Disinfection: Completely reusable and fully autoclavable.</p> <p>Each instrument shall be embossed/etched with manufacturer's name, initials or recognized trade-mark and the words 'Stainless Steel' or letters 'ss'</p> <p>Manufacturer should be ISO 13485 certified</p> <p>Product should be CE/BIS approved</p>	
346	Tooth Model	<p>Enlarged mouth model with toothbrush to demonstrate correct brushing and dental care.</p> <p>This model is three times life size and has normal anatomy. It's great for teaching proper brushing and flossing techniques.</p> <p>This teeth care demonstration model features a mouth with 32 teeth at three times life-size, for closer observation</p> <p>European CE Declaration according to 2014/53/EU and European Directive on Medical Devices</p> <p>Manufacturer's Quality Certification according to ISO 13485 Yes</p> <p>Packing Each model should be packed individually.</p> <p>Warranty 1 year</p>	
347	Tooth Extraction Forceps Set(Adult )	<p><b>GENERAL FEATURES</b></p> <p>Product description: Dental Forceps for extraction of tooth</p> <p>Purpose For dental extraction of tooth</p> <p>Utility Dental surgeries of Adult</p> <p><b>PRODUCT INFORMATION</b></p> <p>Items in Extraction forceps set: Upper anterior, Lower anterior, Lower molar (Right), Lower molar (Left), Upper molar (Left), Upper molar (right), upper premolar, lower premolar.</p> <p>anatomically-designed beaks for a sure, effective grip: Yes</p> <p>Thick and non-slip handle : Yes</p> <p>Longevity and corrosion resistant material: Yes stainless steel (ASI 410/420)</p> <p>Cleaning, disinfection and sterility: All instruments autoclavable</p> <p><b>DIMENSIONS &amp; MATERIAL</b></p> <p>Minimum Handle length (Cm) :10</p> <p>Material of all instruments :Surgical Grade Stainless steel(ASI410/420)</p>	

		<p>Rockwell hardness (HRC): 1  Tensile strength (Mpa) : 1  <b>STANDARD</b>  Product conformity to standard ISO 13485  Product should be CE/BIS approved  <b>PACKING MODE</b>  All the instruments along with user manual, warranty card, Dehumidifier, Cleaning brush, Cleaning cloth etc packed in a carrying case : Yes  Packing Each carrying case packed Individually  <b>CERTIFICATIONS &amp; REPORTS</b>  Submission of Test Report on form 39 or from Central Government /NABL/ILAC accredited Lab or Manufacture's in-house Test Report to prove the conformity to declared specification at the time of supply  Yes  Product conformity certificate is to be provided to the buyer at the time of supply  Yes  <b>WARRANTY</b>  Minimum Warranty (yrs) : 5 years replacement</p>	
348	Dental Chair		
349	Dental X-ray with RVG		
350	Instrument Set	<p>As per requirement the clinician to decide the list of instruments</p> <p>Broad specification: <b>Quality standard (Applicable to all surgical instruments)</b>: Instruments should be made up of stainless steel medical grade AISI 410 &amp; 420. Test reports should be submitted in the technical bid.  Part No. and the CE Mark must be engraved/Embossed on the instrument.  Sample demonstration  Instrument should cover 2 years replacement warrantee.  All the instruments should be autoclavable.</p>	
351	Haemoglobinometer (Strip/Cuvette)		
352	Color Vision Chart	<ul style="list-style-type: none"> <li>• Individuals with color vision defect should see a different figure from individuals with normal color perception.</li> <li>• Makes use of the peculiarity that in red-green blindness, blue and yellow appear remarkably bright compared with red and green</li> <li>• Diagnostic plates: intended to determine</li> </ul>	

		<p>the type of color vision defect.</p> <ul style="list-style-type: none"> <li>• International standard test chart books for color deficiency 38 plates with user manual</li> <li>• Book should be specially printed to measure incrementally higher color sensitivity and specificity</li> </ul> <p>Manufacturer should be ISO certified</p>	
353	Digital BP Apparatus	<p>Type Of SPHYGMOMANOMETERS or Blood Pressure recording unit: <b>Digital</b></p> <p>Conformity to Indian Standard for SPHYGMOMANOMETERS : <b>NA for digital</b></p> <p>Measuring device : <b>Automated</b></p> <p>Type : <b>Integrated</b></p> <p>ISI MARKED : <b>NA for digital</b></p> <p>Measurement Method : <b>Oscillometric</b></p> <p>Display for Digital BP instrument: <b>LCD(Liquid Crystal Digital) Display</b></p> <p>Range: Pressure measurement (mmHg) <b>: 0 to 300</b></p> <p>Range: <b>Pulse measurement for digital with accuracy &amp; plusmn; 5%. (per minute) 40 to 200</b></p> <p>Accuracy: Pressure measurement (mmHg) : <b>+/- 3</b></p> <p>Pressure Detection : <b>Capacitive Pressure sensor</b></p> <p>Inflation <b>Automatic Pressure</b></p> <p>Application by pump</p> <p>Deflation and rapid Air Release : <b>Automatic Pressure Release Valve</b></p> <p>Cuff Range : <b>Medium (22-32)cm</b></p> <p>Cuff: <b>disinfect able one piece and bladder cuffs, tested according to ISO 105 EO1/ equivalent standard.</b></p> <p>Operating Temperature range : <b>0 to 55 degree Celsius</b></p> <p>Stroage Temperature range : <b>(-10) to 55 degree Celsius</b></p> <p>Automatic power off if system is idle for 3 minutes :<b>Yes</b></p> <p>Weight (in gram) :<b>230</b></p> <p><b>Power</b></p> <p>Power Source: <b>AA size chargeable battery set</b></p> <p>Type of AA Size chargeable Battery (AA Size) :<b>Alkaline/ Li-ion</b></p> <p><b>WARRANTY, CERTIFICATIONS, TEST REPORTS</b></p> <p>Availability of Type Test Report covering complete test parameters as per IS3390 latest for Mercurial and IS7652 latest for Aneroid type, from any ILAC/NABL</p>	

		<p>accredited/Central GovLABFor digital type including Environmental test from any ILAC/NABL accredited/Central Gov LAB : <b>Yes</b></p> <p>CE Marking Certificate for B.P. Apparatus Model. Yes</p> <p>For Digital Sphygmomanometer ,Availability of Type test reports consisting of verification of all the features &amp; functional parameters &amp; environmental tests sequences as under:</p> <p>a) Dry heat test (For 16 hours at a temp of 55degree C in accordance with IS: 9000/part-3/section-3/1977)latest : <b>Yes</b></p> <p>For Digital Sphygmomanometer Cold test(For 4 hrs at a temp of (-10) degree C in accordance with IS: 9000/part-2/section-3/1977latest c) Damp Heat Cyclic Test ( For 2 cycles of 24 hrs at a temp 55 degree C &amp; 95% RH in accordance with IS: 9000/part-5/section-1/1981)latest Note:- The BP Instrument shall be checked for all the parameters before conditioning After completion of the above environmental tests sequence, with a recovery period of 1 to 2 hrs, BP Instrument shall be functional "</p> <p>Yes</p>	
354	Aneroid BP apparatus	<p><b>CONFIGURATION DETAILS</b></p> <p>Type Of Sphygmomanometer: <b>Aneroid</b></p> <p><b>Design:</b> Corrosion resistant shock proof body, chrome plated metal/ stainless steel pressure control valve</p> <p>Conformity to Indian Standard for SPHYGMOMANOMETERS :<b>IS 7652 latest for Aneroid</b></p> <p>Measuring device :<b>Mechanical</b></p> <p>Type : <b>Portable</b></p> <p>Measurement Method:<b>auscultatory</b></p> <p><b>Display for BP instrument:</b>Gauge's background in white color. Graduated scale for ever/ 2mmhg, every 10 units and every 20 units.</p> <p>Range: Pressure measurement (mmHg) <b>: 0 to 300</b></p> <p><b>Accuracy:Pressure measurement (mmHg) +/- 3</b></p> <p><b>Pressure Detection: NA</b></p> <p><b>Deflation and rapid Air Release:</b> <b>Manual</b>setting of deflation possible up-to 2/3mm Hg/sec. From 260mmHg To 15mm Hg in a maximum deflation time of 10 seconds</p> <p>Cuff Range: <b>(22-32)cm</b></p> <p><b>Cuff Type:</b> Nylon straps cuff with pouch,</p>	

		<p>latex bulb with completely chromium plated valve with regulation of vent-hole air by screw valve.</p> <p>Sterilization / Disinfection: <b>The cuff should be disinfect able one piece and bladder cuffs, tested according to ISO 105 EO1/ equivalent standard.</b></p> <p>Tube : Single rubber tubes used should have an internal diameter of <math>3 \pm 0.5\text{mm}</math> and the external diameter should not be less than 8mm</p> <p><b>Dimensions of the Equipment (mmXmm): NA</b></p> <p><b>Dimensions of the Dial screen (mmXmm)</b> : The dial manometer with diameter of 50 mm-60mm</p> <p><b>Operating Temperature range 0 to 55 degree Celsius</b></p> <p><b>Stroage Temperature range (-10) to 55 degree Celsius</b></p> <p><b>Weight (in gram) 150</b></p> <p><b>WARRANTY, CERTIFICATIONS, TEST REPORTS</b></p> <p><b>Availability of Type Test Report covering complete test parameters as per IS7652 latest for Aneroid type, from any ILAC/NABL accredited/Central GovLABFor digital type including Environmental test from any ILAC/NABL accredited/Central Gov LAB: Yes</b></p> <p><b>CE/IS Marking Certificate for B.P. Apparatus Model. Yes</b></p>	
355	Urine Analysis(DIPSTICK)	<p><b>Specification of DIPSTICK:</b></p> <p>Dipsticks for urine test for protein and sugar (1 container of 100 strips)</p> <p>Product : <b>Urine Test Reagent Strips</b></p> <p>Purpose : <b>To determine pathological changes in a patient's urine in standard urinalysis</b></p> <p>The entire reagent strips should be disposable: <b>Yes</b></p> <p>Each strip should be stable and ready to use upon removal from the bottle <b>Yes</b></p> <p>➤ Urine Reagent Strips provide tests for the following parameters:</p> <ol style="list-style-type: none"> <li>1. Glucose</li> <li>2. Bilirubin</li> <li>3. Ketone (Acetoacetic acid)</li> <li>4. Specific Gravity</li> <li>5. Blood</li> <li>6. pH</li> <li>7. Protein</li> <li>8. Urobilinogen</li> </ol>	

		<p>9. Nitrite 10. Leukocytes 11. Ascorbic Acid in Urine.</p> <ul style="list-style-type: none"> <li>➤ The Urine Reagent Strips should be packaged along with a drying agent in a plastic bottle with a cap to provide complete air tight.</li> <li>➤ Each strip should be stable and ready to use upon removal from the bottle.</li> <li>➤ The entire reagent strip should be disposable.</li> <li>➤ Results are obtained by direct comparison of the test strip with the color blocks printed on the bottle label.</li> <li>➤ All the reagent strips should be withstand at a room temperature between 15°-30°C (59°-86°F) and out of direct sunlight.</li> <li>➤ The minimum self-life of the urine strips should be 1year unopened and minimum 3months once it is opened.</li> <li>➤ The required controlled shall be provided along with the strip packet.</li> <li>➤ The strip pack sizes should be of 100 sizes.</li> </ul> <p><b>Quality Standards:</b></p> <ul style="list-style-type: none"> <li>➤ Availability of Test Report from Central Govt/NABL/ILAC accredited Lab to prove the conformity to the declared specification (Proof of the same to be submitted to buyer on demand) : <b>YES</b></li> <li>➤ Availability of Valid Drug License from the appropriate Drug Authority defined under Drugs and Cosmetics Act, 1940(Proof of the same to be submitted to buyer on demand) For Manufacturing Urinalysis Strips, For Sale or Distribution of Urinalysis Strips</li> <li>➤ Drug License Number: To provide</li> <li>➤ Drug License date : To provide</li> <li>➤ ISO 13485/ ICMED 13485 Certified Manufacturer (Proof of the same to be submitted to buyer on demand): <b>YES</b></li> <li>➤ CE(IVD) /BIS approved</li> <li>➤ Manufacturer should be ISO 13485 certified</li> </ul>	
356	Peak Flow Meter	<p>The PeakAir Peak Flow Meter is used to measure your “Peak Expiratory Flow Rate,” which is simply the highest speed you can blow air from your lungs. Type: <b>Mechanical Peak Flow Meter</b> Instant readings to help track any changes in the air flow.</p>	

		<p>Dual Flow Range: Accurately measures for both adults and children.</p> <p>Compact, lightweight and portable Built-in flexible three zone management system Easy- to- read numbers Measurement Range 40-800 L/min Accuracy and repeatability assurance Washable</p> <p><b>Standards</b> <b>EN ISO 23747:</b> 2009 compliance CE Approved/BIS</p> <p>Manufacturer should be ISO 13485 certified</p> <p><b>WARRANTY:</b> The product is available with 1-year warranty.</p> <p>Peak Flow Meter-1, Reusable Mouthpiece-4 nos(2-Children &amp; 2 Adults), Instruction Manual</p>	
357	Lab Autoclave	<p>Type of Sterilizer: <b>VERTICAL CYLINDRICAL Steam Sterilizer</b> <b>Pressure typeSterilizer Chamber size:</b> 300 mm (Diameter) x 350 mm (Length),with Silicon door gasket (expansion type). Electric load of the unit shall be:<b>2-3 KW.</b> Steam supply to Sterilizer : Steam Generation by electrically heated using immersion heaters wired for operation on 1 phase wire230 Hz AC supply [with immersion heaters having mineral filled sheathed heating elements conforming to IS: 4159/2002 duly BIS marked and complying with safety requirements as per IS : 302-2-201(1992)] it should work with 1 phase 220/230 V 50 Hz AC supply Material: Sterilizer parts; Chamber, Jacket, Door, Door Ring and shall be made of SS 316/SS316L Type of control : Manual Provision of Lock on Steriliser Chamber door: Manual Lock Display facility for Sterilisation Cycle parameters : Manual pressure Gauge Steam &amp; vacuum release valve . Warranty Period: 3 year Pressure,Steel &amp; Spore Test Certificate from a Govt/NABL/ILAC approved testing laboratory shall be furnished by Seller to Buyer for the offered Product should be CE/BIS approved Conformityto standard for electrical safety</p>	

		latest amendment :IEC - 60101 Manufacturer should be ISO13485 certified	
358	Incubator	<p>Conformity to Standards: CE/BIS Conformity to standard for electrical safety latest amendment :IEC - 61010</p> <p><b>Performance Parameters</b></p> <p>Purpose Bacteriological incubator are used for the incubation of biological products under controlled conditions</p> <p>Type of Incubator :Bacteriological Incubator</p> <p>Capacity in liters 20</p> <p>Material of Inner Chambers: SS 304</p> <p>Material of Outer Chamber: CRCA (powder coated point) Steel</p> <p>Ambient Temperature in °C: 5°C above ambient to 60 °C (Bacteriological Incubator)</p> <p>Temperature Accuracy in °C: ±0.5°C</p> <p>Temperature Uniformity in °C : ±2°C</p> <p>Insulation : Glass wool</p> <p>Controller : Microprocessor based PID control</p> <p>Digital Display of temperature in °C : Yes</p> <p>Type of Display : LED</p> <p>Type of Temperature sensor : PT100</p> <p>Power supply : 220 V , 50 Hz Single Phase</p> <p>Door: Insulated door and fitted with heavy hinges and should have Toughened glass window Air circulation fan</p> <p>Type of Shelves : Removable</p> <p>Material of Shelves : SS wire mesh</p> <p>Number of shelves :2</p> <p>Size of incubator (L x W x H) in mm x mm x mm:NA</p> <p>Weight in kgs: NA</p> <p>Auto power break off: No</p> <p>Over temperature protection: Yes</p> <p>Safety alarm system : Yes</p> <p>Instruction manual to be provided : Yes</p> <p>Warranty in Years : 1</p> <p><b>Standards</b></p> <p>Manufacturer should have ISO13485 certification: Yes</p> <p>Copies of all certifications and reports to be provided to buyer on demand at time of supplies: Yes</p> <p>Product should be CE/BIS approved</p>	
359	Micro Pipette	<p>Clinical purpose: Pipettes are most appropriate tools for drawing &amp; dispensing of samples for users in the field of clinical diagnostics, control analysis and other areas.</p> <p><b>Technical Specification:</b></p> <ul style="list-style-type: none"> <li>➤ Should have ergonomic design with light &amp; smooth plunger action</li> </ul>	

		<ul style="list-style-type: none"> <li>➤ Should have soft feel handle grip having both left &amp; right hand operation</li> <li>➤ Pipette handle should have thermoplastic elastomeric to prevent transfer of body heat to pipette volume during continuous usage</li> <li>➤ Fully autoclavable: Entire pipette can be steam autoclaved at temp. Of 121 OC</li> <li>➤ Should have larger &amp; clear 3 digit display giving smaller increment for wider selection of volume</li> <li>➤ Volume range should be of 10-100µl with increment of 1 µl</li> <li>➤ Accuracy: 0.8 to 5%</li> <li>➤ Should have locking mechanism to prevent accidental volume change during pipetting</li> <li>➤ Should have one hand eject facility</li> <li>➤ Should have in house clinical, repair and calibration facility</li> <li>➤ The tip cone should have leak free operation, smooth and light loading operation with choice of using variety of tips.</li> <li>➤ Should be compatible to universal tip types</li> <li>➤ Should be available with different color codes.</li> <li>➤ Warranty: 3years.</li> </ul> <p><b>Quality Standards:</b></p> <ul style="list-style-type: none"> <li>➤ Should be USFDA/CE (IVD) approved product</li> <li>➤ Manufacturers should have ISO 13485 certification for quality standards</li> <li>➤ Should be applied with individual QC &amp; calibration report according to ISO 8655</li> </ul>	
360	Centrifuge-8 Tubes	<p><b>Performance Parameters</b></p> <p>Purpose: Separating Serum from blood or for urine sedimentation</p> <p>Centrifuge Design: Bench Top</p> <p>Weight including Default Rotor in kg: NA</p> <p>Auto cut off: Yes</p> <p>Timer provided: Yes</p> <p>Maximum RPM 3000-3500</p> <p>Number of steps for RPM variation :In steps /Continuous</p> <p>Incremental Steps of Variable RPM :300-400</p>	

		<p>Type of Motor: Brushless (without carbons)</p> <p>Maximum Noise level when working at 1 meter distance in db 50</p> <p>Ambient operating Temperature range in Degree centigrade Celsius and humidity range 0 to 50 degree centigrade and Relative humidity 15 to 90%</p> <p>Rotor imbalance diagnostics and automatic stop if required: Yes</p> <p>Facility to ensure that In case Machine is running and lid is opened with manual lock by user , machine shall stop: Yes</p> <p>Maximum Timer Set range 60 minutes</p> <p>Timer settings Provided :interval of 10 seconds up to 1 minute and over 1 minute up to 60 minutes in interval of 1 minute:NA</p> <p>Display :LED /LCD</p> <p>Speed Controller : Microprocessor controlled preprogrammed speed controller</p> <p>Speed Control: Accuracy in case of set speed (Plus minus RPM )</p> <p>Rotor configuration: Swing Out Rotor</p> <p>Rotor Feature with reference to Autoclavability: Autoclavable Rotor @ 121 Degree Celsius,</p> <p>Maximum Volume of the tube testable: 15 ml centrifuges tubes</p> <p>Rotor Size: 8X15ml</p> <p>Power supply :Single phase, 230 V 50 HZ AC Source</p> <p>Power consumption in watts: 500Max</p> <p>Length of Power cord in meters 2</p> <p>The Equipment shall be installed and demonstrated before Acceptance installation and demonstration: Yes</p> <p>Accessories: Spanner to tight or loose Nut of Rotor on Motor shaft head puller, spare rotor nuts ,fuse-2,</p> <p>Warranty in Years 3</p> <p>Material Parameters:</p> <p>Assembly Material for manufacture of Medical Centrifuge: Consists of Die cast Aluminum, Aluminum sheet, Stainless Steel, CRC Steel, Plastic and Rubber</p> <p>Lid Material of Medical Centrifuge : mC.R.C Steel Finish with Powder Coating or stove painting / ABS Plastic of injection molding</p> <p>Body Material of Medical Centrifuge: C.R.C Steel Finish with Powder Coating or stove painting / ABS PLASTIC OF injection molding</p> <p>Centrifuge Bowl material of Medical Centrifuge: 304 Quality Stainless Steel</p>	
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		<p>Molded Material of Rotor : Aluminium, Standard: ISO13485 certification for Manufacturer: Yes Copies of all certifications and reports to be provided to buyer on demand at time of supplies Yes Product should be CE/USFDA/BIS approved</p>	
361	Needle Destroyer	<p>GENERAL Purpose :To destroy the used injection needles by instant electro melting process and to cut syringe tips manually using the appliance Type : Portable and electrical Principle of operation : Electro-melting type <b>CONSTRUCTION</b> Suitable sliding tray shall be provided for collection of residue and destroyed syringe tips : yes Material of the Housing /enclosure : ABS Plastic Housing/enclosure shall be moulded type and shock proof: yes Provision to burn the needles and to cut the syringe tips shall be provided in the unit : yes Manual cutter provided in the equipment Made of hardened blade of anti- corrosive SS material Transformer winding : Copper <b>FUNCTIONAL</b> Number of needles of 1mm dia and 80mm length that can be destroyed in continuous operation of 5 minutes 50 Sizes of injection needles of all kinds which can be destroyed Dia Ranging from 0.4mm to 1.6mm (26 SWG to 14 SWG) with length 12.5mm to 80mm <b>ELECTRICAL</b> Power supply : 207V to 253V,50Hz AC supply Power ON/OFF switch with indicator shall be provided : YES Rated power(Watts): 60 Watt Shall be provided with fuse and power cord of min 3m length and earthing point : YES Manual of usage instructions : To be supplied by the supplier <b>CERTIFICATIONS</b> Manufacturer should be ISO-13485 Comply in general to IS:302Pt-1/1979 to ensure safe and reliable operation in normal use: YES</p>	

		Occupational health and safety certification from approved bodies as per OHSAS 18001-2007 : YES CE /BIS Certification from approved bodies : Yes	
362	Lumber Traction manual	It strengthening broken bones, immobilization or relieving pressure on the skeletal system. Composition: Universal type Includes pelvic belt, spreader bar & 3 meter long cord. It contains traction water and sand weight bag traction pulley bracket the pelvic traction bel traction cord and 8 kg weight. Manufacturer should be ISO 13485 certified Product should be BIS/CE approved	
363	Hydro Collator Unit	<b>Clinical Use:</b> A moist heat modality use as a superficial to medium penetration thermotherapy modality. Clinically use for chronic pain management & joint stiffness cases. <b>Technical Specification:</b> <ul style="list-style-type: none"> <li>➤ Water tank made up of Stain less steel inner &amp; outer Cabin ( 20-25 Gauge thickness)</li> <li>➤ High grade thermally insulated</li> <li>➤ Static/Movable base</li> <li>➤ Top lid of stainless still, thermally insulated with Fibre handle.</li> <li>➤ Product Type:Table Top</li> <li>➤ Dimensions: NA</li> <li>➤ Tank capacity: 10- L</li> <li>➤ Temperature range: 50-90 degrees Celsius</li> <li>➤ Thermostatic temperature control (50 - 90 degree C) - Auto cut-off</li> <li>➤ Thermal cut-out temperature</li> <li>➤ Temperature accuracy: +/- 10%</li> <li>➤ Heat-up time to 90 degree Celsius: in 3 hrs.</li> <li>➤ Cool-down time from 90 degrees Celsius: 2 hrs.</li> </ul> <b>Power supply</b> Mains power: 220-230 V, 50/60 Hz Power consumption: 1000Watt <b>Safety Standard</b> Electrical safety class: Class 1, type B Safety tests: Conforms to IEC 60601-1 <b>Quality Standard:</b> The model should be CE/BIS approved. The manufacturer should be ISO13485	

		<p>certified</p> <p><b>Accessories must include:</b></p> <ul style="list-style-type: none"> <li>➤ Hydro collator Moist Heat Hot Pac : Standard Size-1, Over size-1, Cervical Standard size-1, Hydro collator Knee or Shoulder HotPac-1.</li> <li>➤ Cotton Towel: 4 pieces.</li> </ul>	
364	Traction Bed	<p>i Traction Bed – 4 Fold</p> <p>ii. Size : 6 (L) x 2.5 (W) x (H) 3 feet</p> <p>iii. For horizontal cervical and lumbar traction.</p> <p>Should have complete with Storage Shelf &amp; a Flexion Stool</p> <p>Manufacturer should have ISO certified.</p> <p>Product should be CE/BIS Certified</p>	

*P. S. W.*  
1.12.21  
CDM & PHO, Gajapati