

**TERMS, CONDITIONS FOR  
SUPPLY AND INSTALLATION OF  
INSTRUMENT EQUIPMENT FOR HEALTH AND WELLNESS  
CENTRE  
2018-19**

Name of the District / Health Institution: CDM&PHO, Sambalpur  
(HEALTH & F.W. DEPTT., GOVT. OF ODISHA)

Tel : 0663 – 2521803, E-mail: smosambalpur@yahoo.com

**Bid Reference No. EIF/ 3241 /2018-19/dtd.28.07.2018**

LAST DATE & TIME OF RECEIPT OF BID DOCUMENTS : 09.08.2018 upto 04.00 PM

DATE & TIME OF OPENING OF COVER-A (Technical Bid) : 10.08.2018 at 12.00 Noon

DATE OF OPENING OF COVER-B (Price Bid) : -----do-----

PLACE OF OPENING OF BID DOCUMENTS

AND

ADDRESS FOR COMMUNICATION: O/o Chief District Medical & Public Health Officer,  
Sambalpur

AND

RECEIPT OF BID DOCUMENTS

**Tel: 0663 – 2521803**

**Email: smosambalpur@yahoo.com**

**OFFICE OF THE CDM&PHO SAMBALPUR**

## SECTION -I

### SALE OF SHORT TENDER / BID DOCUMENT

The Bidders may download the Tender Documents directly from the district website [www.sambalpur.nic.in](http://www.sambalpur.nic.in) The Tender paper cost fee of Rs.1000/-(One Thousand only ) Plus GST @ 18% (Non-refundable) by way of separate Demand Draft drawn in favour of **ZSS(MISC) Sambalpur**, payable at Sambalpur from any nationalized/Scheduled bank. The Bidders should superscribe, **“Tender for Instrument Equipment For Health & Wellness Center 2018-19”(DOWNLOADED FROM WEBSITE)”** on the top of the outer envelope containing Technical Bid and Price Bid separately. The Tender cost fee in shape of demand drafts in the technical bid. CDM&PHO, Sambalpur shall have no responsibility for any delay / omission on part of the bidder.

- a) Price of bid document Rs. 1180.00 (Rs.1000 plus GST @ 18%)  
(Non-refundable)

**The Short tender paper will be rejected if the bidder changes any clause or Annexure of the bid document. The authority reserves the right to accept/reject any or all the tenders without assigning any reason thereof.**

## ABBREVIATIONS

**CDM&PHO : Chief District Medical & Public Health Officer**

**M.O, I/c : Medical Officer In-charge**

**S.D.M.O : Sub-Divisional Medical Officer**

**DHH : District Head Quarter Hospital**

**SDH : Sub-Divisional Hospital**

**CHC : Community Health Centre**

**PHC : Primary Health Centre**

**ROH : Rural Other Hospital (Area Hospital)**

**RKS : Rogi Kalyan Samiti**

**ZSS : Zilla Swasthya Samiti**

**EMD: Earnest Money Deposit**

## SECTION -II

### IMPORTANT INSTRUCTIONS TO BE NOTED CAREFULLY BY THE TENDERERS

1.	Purchaser	Health & F.W. Department
2.	Indenter	Chief District Medical &Public Health Officer,
3.	Consignee	DHH
4.	Delivery Period	Within <b>15 days</b> from issue of the work order.
5.	Mode of Delivery	By Air / Road / Rail/by Hand
6.	Guarantee / Warranty	<b>Guarantee / Comprehensive warranty:</b> including spares, maintenance etc. for a period <b>2(two) years</b> from the date of installation & commissioning.
7.	EMD	Rs.10, 000.00 (Rupees Ten Thousand) only. The Earnest Money Deposit will be paid in the shape of demand Draft only in favour of <b>ZSS (MISC) Sambalpur</b> from any Nationalized/Scheduled Bank payable at Sambalpur.

## SECTION -III

### **TERMS AND CONDITIONS FOR SUPPLY AND INSTALLATION OF INSTRUMENT AND EQUIPMENT**

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- 1.1 Sealed tenders will be received by Dated 09.08.2018 Tender for Supply and installation of instrument, Equipment & Hospital Furniture for the year 2018-19 up to 04.00 PM by the CDM&PHO, Sambalpur in the office of the Chief District Medical & Public Health Officer, Sambalpur. Any tender received after the due date & time will be rejected & returned to the sender unopened. **The tender paper will be received through Regd. Post / Speed Post/ Courier services only.**
- 1.2 The bidder(s) are to submit their tenders in **separate** sealed covered envelopes for **technical bid** and **commercial bid** by superscribing **Cover “A” (Technical Bid) & Cover “B” (Price Bid)** and both the sealed covers should be put into a **third outer Cover**, which should be superscribed as **“Tender for Instrument Equipment for Health and Wellness Centre the year 2018-19”**.
- 1.3 The Sealed tenders “Cover A” (Technical Bid) submitted by the tenderers will be opened by the CDM&PHO, Sambalpur in the office chamber of the CDM&PHO, Sambalpur at 12.00 Noon on 10.08.2018. The tenderer or their duly authorized representatives are allowed to be present during the opening of the tenders if they so like.

#### **ELIGIBILITY CRITERIA**

- 2.1 Manufacturing units / Importers/ Suppliers are eligible to participate in the tender provided, they have
  - (i) Valid manufacturing license / Import License. Importers/ Suppliers have to furnish the authorization from the manufacturer/
  - (ii) Valid ISO certificate of the item

- (iii) Product must be CE/US FDA/BIS Certified (for electrical items only).
- (iv) Proof of compliance with IEC Certificate for Medical Electrical Equipments
- (v) Proof of Average annual turnover of the manufacturing firm/Authorized supplier/distributor of Rs.5 Crore or more in last three (3) financial years should be submitted duly prepared and certified by a chartered accountant.
- (vi) Manufacturing unit who has been blacklisted either by the Tender inviting authority or by any state Govt. or Central Govt. organization is not eligible to participate in the tender for that item during the period of blacklisting.
- (vii) The tenderer should submit an undertaking that the firm/supplier has not been blacklisted by any authority during the tender process.(as per Annexure –IV)
- (viii) The tenderer must submit valid GST Certificate.
- (ix) Photo copy of PAN must be submitted by the tenderer.
- (x) Photo copy of Registration Certificate of the Manufacturer/Authorized Supplier.

**The following documents should be enclosed in Cover “A” (Technical Bid) by the tenderer. All the photocopies are to be attested by self.**

**TECHNICAL BID :**

- 3.1 Checklist with detail of the documents enclosed in **Cover “A”** (as per **Annexure - I**) with page number. The document should be *serially arranged* as per this **Annexure - I** and should be securely tied and bound.
- 3.2 List of Item (s) Quoted with name of the Make & Model of the item (s) (**Annexure – II**)
- 3.3 Tender document fee of Rs.1180/- (Non Refundable) in shape of Demand Draft.

- 3.4 Earnest Money Deposit of Rs. 10000 (Rupees Ten Thousand) only (refundable[in case of non selected tenderer]) and refundable to the selected tenderer after one year in shape of Demand Draft without interest.
- 3.5 Details name, address, telephone no., Fax, e-mail of the manufacturer / authorized distributor / service centre / contract person / office in Odisha (**Annexure - III**).
- 3.6 The declaration form in **Annexure - IV** duly signed by the tenderer before Notary Public / Executive Magistrate.
- 3.7 Manufacturer's Authorization (In case the bidder is not the manufacturer)
- 3.8 Certificate duly filled by the Auditor / Chartered Accountant that the average annual turnover of the bidder is Rs.5 Crore or more in the last 3 (three) financial years.
- 3.9 Leaflet/Technical Brochures of the product/item offered.
- 3.10 Copy of Valid ISO certificate.
- 3.11 Copy of Valid CE/USFDA certificate
- 3.12 Copy of Certificate in support of IEC certificate (for Electrical Item)
- 3.13 Copy of up to date GST certificate.
- 3.14 Photo Copy of PAN
- 3.13 Performance Statement (**Annexure - VII**) (**Item wise**) during the last three years towards proof of supply items to any Govt. organization / Corporate Hospitals / PSU Hospitals / UN Agencies. The copy of Purchase orders and certificate from the user should be furnished in support of the information provided in the performance statement (Item wise)
- 3.14 Deviation/No Deviation Statement from Technical Specification & details of technical specification of the product (**Annexure-VIIIA & B**)
- 3.15 Leaflet/Brochure of Each item quoted must be submitted at the time of Technical bid which specify the make and model of the big items and sample must be submitted for small items on the tender opening day**

#### **COVER – B (PRICE BID)**

4. The tender format giving the quoted rate for medical equipments should be sent in a separate sealed cover hereafter called **Cover “B” (Price Bid)**.

**Cover –B (Price Bid) will be opened only of the tenderers who qualify in Technical Bid (Cover – A) and product is as per tender specification.**

- 4.1 The tenderer may quote price of not more than one qualities of each item
- 4.2 The tender format (Price Schedule) in the prescribed form (as per **Annexure – XII**), hard copy must be submitted in Cover-B. The price of the item should be quoted inclusive of excise duty, insurance, packing, forwarding, freight (door delivery), installation, & warranty for 2 years, the sales tax / GST and entry tax charges (if any).
- 4.3 The Cover “B” of successful tenderers who qualifies in their technical bid, will be opened at the office chamber of the CDM&PHO, Sambalpur by the CDM&PHO, Sambalpur on the same day/ decided by the purchase committee members in the presence of the tenderers or their authorized representatives.

#### **TENDER CONDITIONS :**

- 5.1 The details of the medical equipments with specifications are mentioned in **Section V. The firm must clearly mention their specification, special features, upgraded version (if any) in their tender.**
- 5.2 Tenders should be type written or computerized and every correction in the tender should invariably be attested with signature by the tenderer with date before submission, failing which the tender will be ineligible for further consideration.
- 5.3 Rates inclusive of all taxes, insurance, transportation charges (door delivery), installation & with 2 years onsite warranty.
- 5.4 The purchaser shall be responsible only after delivery and due verification, installation and commissioning of the equipment.
- 5.5 In the event of the date being declared as a holiday by Govt. of Odisha, the due date of sale, submission of bids and opening of bids will be the following working day at the appointed place & time.
- 5.6 To ensure sustained supply without any interruption the tender inviting authority reserves the right to split orders for supplying the requirements among more than one tenderer if the lowest eligible bidder fails to supply in scheduled time the L<sub>2</sub> / L<sub>3</sub> firms for supply the same.



- 5.7 The rate quoted and accepted will be binding on the tenderer for a period of **one year** from the date of approval and on no account any increase in the price will be entertained till the completion of this tender period.
- 5.8 If any information or documents furnished by the tenderer with the tender papers are found to be misleading or incorrect at any stage the tender of the relevant items in the approved list shall be cancelled and steps will be taken to blacklist the said firm for five (5) years.
- 5.9. Both Cover-A and Cover-B should have an **index and page number** of all the documents submitted inside that cover.
- 5.10 The requirement of items may increase or decrease depending on the situation.

#### **TRAINING & OPERATIONAL MANUAL:**

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

#### **COMPREHENSIVE WARRANTY & CMC :**

(Undertaking as per Annexure – XI & XII)

- 7.1 The comprehensive warranty will remain valid for 2 years from the date of installation & commissioning of the equipment. The original copy of warranty documents will be submitted to the consignee and photocopy of that to CDM&PHO. Sambalpur after installation.
- 7.2 The warranty will cover **all the parts of the machine or item and any replacement or repair required** within the warranty period and will be provided by the supplier free of cost at the destination point (installation point). The supplier will take back the replaced parts / goods at the time of their

replacement. No claim whatsoever shall be on the purchaser for the replaced parts / goods thereafter. No traveling allowances or transportation cost will be paid by the purchaser during the warranty period.

- 7.3 The Supplier shall warrant that the Goods supplied under this contract are new, unused, of the most recent or current models and they incorporate all recent improvements in design and materials. The Supplier shall further warrant that all Goods supplied under this contract shall have no defect arising from design, materials or workmanship or from any act or omission of the Supplier that may develop under normal use of the supplied Goods in the conditions prevailing in the place of final destination.
- 7.4 **CMC:** The tenderer shall also commit to provide offer for CMC (**Labour + all spare**) for the next three (3) years after two (2) years of warranty. No extra cost will be paid other than the CMC cost for functioning of the item during this period. The supplier will provide **two (2)** preventive maintenance in every **six months** during the period of CMC.
- 7.5 The selected firm should have a service centre in Odisha.
- 7.6 All the warranty certificates must be handed over to the consignee after installation.

## SECTION - V

### Technical specifications for Equipment/ Instruments for HWCs

**Quality Standard:**

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

Items	Specifications
Bed sight Screen (Screen Separators with stand)	<ul style="list-style-type: none"> <li>• 3 folding partitions - 6 feet high and 6 feet long when opened</li> <li>• Tubular frame (CRCA tubular) mounted on 5cms high quality corrosion free castors with fine quality curtains.</li> <li>• Pre-Treated and Epoxy Powder coated.</li> </ul>
Examination Table	<p><b><u>Technical Specification</u></b></p> <ul style="list-style-type: none"> <li>• Overall approx size: 1820 mm L x 570mm W x 820mm H (L x W x H) ±20mm</li> <li>• Two section with two fold Cushion top of 3”mm thickness made of 40density PU foam</li> <li>• Tubular construction, machine pressed double bend mild steel sheet</li> <li>• Headrest adjusted on ratchet</li> <li>• Legs fixed with rubber feet.</li> <li>• Pre-treated and epoxy powder coated</li> <li>• Patient load bearing capacity of 120 kgs minimum.</li> </ul> <p><b>Foot Step</b></p> <p>The step stools shall have a maximum load capacity of 150 kg.</p> <p>Stainless steel frame shall be made of square /round steel tubing 20 x 20 mm.</p> <p>Should be double-step type with step heights of are 200 and 400 mm (+/-10mm) respectively.</p> <p>It should be provided with slip-resistant steps are made of black moulded polyurethane (PU) coated foam plates of minimum 15mm thickness.</p> <p>Overall dimension:590x410x200/400 mm.</p>

Items	Specifications
I.V Stand	<p>Overall approx. size: height – 150cm-230 cm (with telescopic adjustable height)</p> <p>Main Frame: Strong &amp; Sturdy stainless steel tubular construction mounted on four pronged tubular/rectangular base fitted with five swivel rust proof castors of 50mm diameter.</p> <p>Stainless steel rod with double hooks</p> <p>All the Stainless Steel should be of 304 grade</p> <p>Should be pre-treated and epoxy coated finish.</p>
<b>Clinical Material, tools and equipment</b>	
Basin 825 ml. Ss (Stainless Steel)	Basin of 825 ml. Ss (Stainless Steel)
Basin deep (capacity 6 litre)	SS Basin square/rectangular shaped of capacity 6liter.
Tray instrument/Dressing with cover 310 x 195x63mm SS,	<p>Instrument Tray with Cover</p> <p>Made of 304 grade Stainless Steel</p> <p>Size: 310 x 195x63mm</p> <p>Manufacturer should be ISO13485 approved</p> <p>Prodcut should be BIS/CE approved</p>
Dressing Drum with cover 0.945 litres stainless steel	<ul style="list-style-type: none"> <li>• Should be made of joint-less stainless steel of 304 grade steel of 0.5mm thickness.</li> <li>• Should have perforated body.</li> <li>• Should have chain locking with clamp to open or close the perforated body.</li> <li>• Size : 0.945 litres</li> <li>• Manufacturer should be ISO13485 approved</li> <li>• Product should be BIS/CE approved</li> </ul>
Hemoglobinometer (strip/micro-cuvette)	<p>It should be a point of care instrument to measure hemoglobin. The unit should have LCD screen for instant display of test result.</p> <ul style="list-style-type: none"> <li>• It should be Factory calibrated as per ICSH (International Council for Standardization in Haematology). Needs no further calibration</li> <li>• Self-checking facility should be there between every measurement</li> <li>• Shelf life of the test strip/cuvette should be minimum 90 days from the opening of the packet / box and at least one year from the date of manufacturing.</li> <li>• Measurement Range: 4gm./dL to 20gm./dL</li> <li>• Accuracy should be <math>\geq 96\% CV &lt; 5\%</math></li> <li>• Sample volume; approximately 10 to 15 <math>\mu L</math> whole blood; capillary or venous blood</li> <li>• Minimum stored result memory :250 results</li> </ul>

Items	Specifications
	<ul style="list-style-type: none"> <li>• USB interface facility should be there for transfer of stored results.</li> </ul> <p><b>Soft keys for user operation.</b> It should communicate through mini-USB connector with a Computer/ laptop.</p> <p>Battery operated; The battery should support at least 500 tests.</p> <p>Each device should supplied with: 1. Cover (Wash Proof) 2. USB Cable for data transfer 3. Other items required for functioning of the machine. The cost of Device, Strips (50 Nos.) &amp; lancets (55 Nos.) should be quoted separately in price BOQ excel format.</p> <p>Operating condition: Capable of operating continuously in ambient temperature of 0 to 50 deg C and relative humidity of 15 to 90% in ideal circumstances.</p> <p><b>Safety &amp; Quality Standard:</b></p> <p>European CE or USFDA Certified. It should be Factory calibrated as per ICSH (International Council for Standardization in Haematology). The manufacturer should be ISO 13485 certified.</p>
Instrument Sterilizer	<p>Electrically operated. Size ideally: 24x8x6 inch Should have replaceable immersion type heater ISI marked. Body should be made of SS-304 grade steel. (Test report certificate from independent laboratory should be submitted with technical bid.) Power Supply Power input to be 220-240VAC, 50Hz fitted with Indian plug Manufacturer should be ISO13485 approved Product should be BIS/CE approved</p>
Sphygmomanometer Aneroid 300 mm with cuff	<p><b>Technical Specification of BP Apparatus(Aneroid)</b></p> <ul style="list-style-type: none"> <li>• Corrosion resistant shock proof body, chrome plated metal/ stainless steel pressure control valve, scale 0-300 mm hg with accuracy of +/- 3mmHg</li> <li>• Air release at closed lap with maximum 4mmHg/Minute.</li> <li>• Manual setting of deflation possible upto 2/3mm Hg/sec. From 260mmHg To 15mm Hg in a maximum deflation time of 10 seconds.</li> <li>• Gauge's background in white colour.</li> <li>• Graduated scale for ever/ 2mmhg, every 10 units and every 20units.</li> <li>• Nylon straps cuff with pouch, latex bulb with completely chromium plated valve with regulation of vent-hole air by screw valve.</li> <li>• The cuff is inflated just to fit in the limb for which an inflation bulb is used to control the air pressure within the cuff.</li> <li>• The rubber tubes used should have an internal diameter of <math>3 \pm 0.5</math>mm and the external diameter should not be less than 8mm; The dial manometer with diameter of 50 mm-60mm</li> </ul> <p><b>Accessories (mandatory, standard, optional)</b>-adult arm cuffs of size medium &amp; large and paediatric size, inflation bulb, tubing</p> <p><b>STANDARDS AND SAFETY</b> Manufacturer should be ISO13485; should be USFDA, CE, BIS or UL approved product</p>

Items	Specifications
Surgical Instruments	<p><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 warranty.            All the instruments should be autoclavable</p>
Kelly's Forceps	Kelly's hemostat Forceps straight 140 mm
Cheate's Forceps with Holder	Cheate's Forceps 10" with SS Holder
Needle Holder	Needle holder -8inch
Scalpel holder	
Surgical Blade	Size 22,24,
Sponge holder	Sponge holding forceps 8" with double action Jaws
Kidney tray	Kidney tray,8"
Artery Forceps, straight, 160mm Stainless steel	Artery Forceps, straight, 160mm Stainless steel
Stitch cutter	Stitch cutting size with round handle double action jaw of 6 inch.
Allis forceps	Tissue Forceps finger ring, ratcheted forceps straight with 5x6 teeth and an overall length of 7-1/2 inches.
Dressing Forceps (spring type), 160 mm, stainless steel	Dressing Forceps (spring type), 160 mm, stainless steel
Hub Cutter and Needle Destroyer	<ul style="list-style-type: none"> <li>• Should be lightweight, portable &amp; compact.</li> <li>• Housing should be moulded type, shock proof and made of ABS plastic/Stainless steel of 304 Grade.</li> <li>• Should be provided with removable discharge tray for easy disposal of syringe hubs.</li> <li>• Should have provision to burn the needle and cut the syringe tip.</li> <li>• Should have high Carbon Steel cutter to cut the syringe tips.</li> <li>• Should able to cut and destroy the needle up to 18G.</li> <li>• Should able to destroy minimum of 5 injection needles on continuous operation.</li> <li>• Should have heavy duty transformer.</li> <li>• Should have power ON/OFF switch with visual indication.</li> <li>• Should be properly insulated for protection from electric hazards.</li> <li>• Should have fuse protection with 5no.of fuse to be supplied of adequate rating.</li> </ul> <p><b>Power Supply:</b>            Power supply should be 220-240 V AC, 50Hz with Indian plug.            Manufacturer should be ISO13485 approved            Product should be BIS/CE approved</p>

Items	Specifications
Artery Forceps- Curved	Artery Forceps 5"Curved double action jaw ratcheted with ring handle double action jaws.
Gauze Scissors	Cutting 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"
Examination Lamp	<ul style="list-style-type: none"> <li>• Source of Light: LED light</li> <li>• Illumination(1x) 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> <li>• Power Requirements-Recharging unit: Input voltage- 220V-240V AC, 50Hz</li> </ul> <p>Should be USFDA/CE approved model. Manufacturer should be ISO 13485 certified. Electrical safety conforms to the standards for electrical safety IEC 60601-1General requirements (or equivalent BIS Standard)</p>
Oxygen Cylinder	10 Ltr
Oxygen Cylinder trolley	<ul style="list-style-type: none"> <li>• Frame of the cylinder trolley is made with ms tubular steel.</li> <li>• Framework of the cylinder trolley mounted on two 10cm wheels.</li> <li>• Finish in epoxy powder coated.</li> <li>• Height:- 106Cm.</li> </ul>
Stadiometer	<ul style="list-style-type: none"> <li>• The measuring rod can be dismantled into several pieces and can be set easily.</li> <li>• The scale must be printed along the side of the measuring rod.</li> <li>• Measuring range (Both in cm &amp; inch): 20-205 cm and 8 - 81".</li> <li>• Graduation of measuring rod: 1mm / 8inch.</li> <li>• The structure should be made of ABS plastic. The product</li> <li>• should be CE certified (certificate to be submitted in technical bid)</li> </ul> <p>Warranty : 1 Year</p>
Nebulizer	Should be of Heavy duty compact Nebuliser Heavy duty ,Compact, lightweight, low noise(50dB+ 3dB) Durable long life compressor. Suitable for heavy duty/ institutional (hospital) use, should be able to run uninterruptedly for one hour. Max Pressure = 2.0-2.5 bars Operating pressure: 1to1.5bars

Items	Specifications
	Compressor Air flow:8Lpm Normal Air Flow:4lpm Should produce particle of size 1-5 micron. Mass median Diameter (MMD) =2.5-3m. Output rate: 500gm/Min. Made of Heavy duty ABS body Power Supply: Power input to be 220-240VAC, 50Hz fitted with Indian plug Should be USFDA/CE approved model. Manufacturer should be ISO 13485 certified. Electrical safety conforms to the standards for electrical safety IEC 60601-1General requirements (or equivalent BIS Standard)
<b>Lab -Diagnostic Materials</b>	
Slide drying rack	Acrylic slide rack, inclined, used for draining/drying slides.  5 slots accommodate 25 slides.
Specimen collection bottle(100/pack)	
Micropipette	<ul style="list-style-type: none"> <li>• Should have ergonomic design with light &amp; smooth plunger action</li> <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 0C</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 1-10ml with increment of 20 µl</li> <li>• Accuracy: 1 to 2%</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 compatibles 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> </ul>



Items	Specifications
	<ul style="list-style-type: none"> <li>Should be applied with individual QC &amp; calibration report according to ISO 8655</li> </ul>
Yellow Tips for Micropipette	<p>Pipette tips should be designed to fit and function on a wide variety of single or multichannel pipettes. It should be manufactured from the finest grade polypropylene material for proper fit and straightness. Packaging: Sterile wrapped racks.</p> <p><b>Quality Standards:</b> <b>The item should be CE certified</b> <b>Manufacturer should be ISO 13485 Certified</b></p>
Microscope	<p><b>GMDN name : Binocular Microscope</b></p> <p><b>A. General Use</b></p> <ul style="list-style-type: none"> <li><b>Clinical purpose:</b> Binocular microscope is simply a microscope that lets the viewer use both eyes. The microscope has 2 eye lenses. The development of the double eye piece microscope was adapted to reduce the eyestrain and muscular strain that typically results from traditional microscopes.</li> <li><b>Used by clinical department/ward:</b> Clinical labs</li> </ul> <p><b>B. Technical Characteristics</b></p> <ul style="list-style-type: none"> <li><b>Technical characteristics (specific to this type of device)</b> <ul style="list-style-type: none"> <li>Body-Single mould sturdy stand, inclined Binocular body 30 °, 360° rotatable head</li> <li>Eyepieces-Highest quality 10X/20mm wide angle anti fungus field eyepiece. One with pointer. Diopter adjustment must be present on both eye pieces.</li> <li>Objectives-Parfocal, antifungus coated 4x, 10x, 40x and 100x (oil immersion) with semi planner achromatic correction. Objective should be well centred even if their position on turret is changed.</li> <li>Optical system-Infinity corrected</li> <li>Stage - Double plate rackless horizontal mechanical stage preferably 100 x 140 mm with fine vernier graduations designed with convenient coaxial adjustment for slide manipulation preferably through 30 x 70 mm double slide holder</li> <li>Sub stage-Abbe condenser focusable, continuously variable iris diaphragm</li> <li>Illuminator-Built-in LED light source with white light with intensity control and LED life of more than 10,000 Hrs.Colour Temperature minimum: 4000K.</li> <li>Finish-A durable textured acid resistant finish.</li> <li>Battrey backup: minimum 1 Hour</li> <li>Nose piece: Backward tilted revolving nose piece suitable to acomodate four objectives with click stop and rubber grip.</li> <li>Focussing: Coaxial coarse and fine focussing knob, capable of smooth, fine focussing movement sensitivity; minimum: 300 micron; focussing stop for slide safety</li> <li>12-Objectives: All DIN type</li> </ul> </li> </ul> <p>Plan Achromatic (Anti Fungus)</p> <ul style="list-style-type: none"> <li>04xN.A .01 WD 6.50mm</li> <li>10x N.A 0.25 WD 5.6mm</li> </ul>

Items	Specifications
	<ul style="list-style-type: none"> <li>▪ 40x N.A 0.65 WD .6mm</li> <li>▪ 100x (Oil).N.A 1.25 WD .13mm</li> <li>• <b>User's interface</b> : Manual</li> <li>• <b>Software and/or standard of communication (where ever required)</b> : NA</li> </ul> <p><b>C. Physical Characteristics</b></p> <ul style="list-style-type: none"> <li>• <b>Dimensions (metric)</b> : NA</li> <li>• <b>Weight (lbs, kg)</b> : NA</li> <li>• <b>Capacity</b>:NA</li> <li>• <b>Noise (in dBA)</b> : NA</li> <li>• <b>Heat dissipation</b>: NA</li> <li>• <b>Mobility, portability</b>: <b>Portable</b></li> </ul> <p><b>D. ENERGY SOURCE</b> :( Electricity)</p> <ul style="list-style-type: none"> <li>• <b>Power Requirements</b>: Input voltage- single</li> <li>• <b>Battery operated</b>: Yes with 1hour backup</li> <li>• <b>Tolerance (to variations, shutdowns)</b>: NA</li> <li>• <b>Pressure gauge</b> : NA</li> <li>• <b>Operating pressure</b>: NA</li> <li>• <b>Sterilizing pressure</b>: NA</li> <li>• <b>Protection</b>: Should have over-charging cut-off with visual symbol.</li> <li>• <b>Power consumption</b> : less than 2 Watt</li> </ul> <p><b>E. Accessories, Spare Parts, Consumables</b></p> <ul style="list-style-type: none"> <li>• <b>Accessories (mandatory, standard, optional); Spare parts (main ones); Consumables / reagents (open, closed system)</b> : Should provide with wooden storage box, dust cover, immersion oil.</li> </ul> <p><b>F. Environmental and Departmental Consideratons</b></p> <ul style="list-style-type: none"> <li>• <b>Atmosphere / Ambiance (air conditioning, humidity, dust ...)</b></li> </ul> <p><b>Operating condition</b>: Capable of operating continuously in ambient temperature of 10 to 50 deg C and relative humidity of 15 to 90% in ideal circumstances.</p> <p><b>Storage condition</b>: Capable of being stored continuously in ambient temperature of 0 to 50 deg C and relative humidity of 15 to 90%."</p> <ul style="list-style-type: none"> <li>• <b>User's care, Cleaning, Disinfection &amp; Sterility issues</b>: <ul style="list-style-type: none"> <li>▪ <b>Disinfection</b>: Parts of the Device that are designed to come into contact with the patient or the operator should either be capable of easy disinfection or be protected by a single use/disposable cover.</li> <li>▪ Sterilization not required."</li> </ul> </li> </ul> <p><b>G. Standards and Safety</b></p> <ul style="list-style-type: none"> <li>• <b>Certificates (pre-market, sanitary, ..)</b>; Performance and safety standards (specific to the device type);Local and/or international <ul style="list-style-type: none"> <li>▪ Should be US FDA/CE (from a Notified body)/BIS approved product.</li> <li>▪ Manufacturer should have ISO 13485 certification for quality standards.</li> <li>▪ Electrical safety conforms to the standards for electrical safety IEC 60601-General requirements (or equivalent BIS Standard)</li> <li>▪ Certified to be compliant with IEC 61010-1, IEC 61010-2-40</li> </ul> </li> </ul>

Items	Specifications
	<p>for safety.</p> <p><b>H. Training and Installation</b></p> <ul style="list-style-type: none"> <li>• <b>Pre-installation requirements: nature, values, quality, tolerance</b> <ul style="list-style-type: none"> <li>▪ Availability of 5 amp socket;</li> <li>▪ Safety and operation check before handover;</li> </ul> </li> <li>• <b>Requirements for sign-off</b> : Certificate of calibration and inspection from the manufacturer</li> <li>• <b>Training of staff (medical, paramedical, technicians)</b> <ul style="list-style-type: none"> <li>▪ Training of users on operation and basic maintenance;</li> <li>▪ Advanced maintenance tasks required shall be documented</li> </ul> </li> </ul> <p><b>I. Warranty and Maintenance</b></p> <ul style="list-style-type: none"> <li>• <b>Warranty:</b> 3 years</li> <li>• <b>Maintenance tasks:</b> CMC 5 years, <b>2 PM Visits Annually.</b></li> </ul> <p>All Breakdown calls to be attended within 24 hrs of registration."</p> <ul style="list-style-type: none"> <li>• <b>Service contract clauses, including prices</b> : The spare price list of all spares and accessories (including minor) required for maintenance and repairs in future after guarantee / warranty period should be attached;</li> </ul> <p><b>J. Documentation</b></p> <ul style="list-style-type: none"> <li>• <b>Operating manuals, service manuals, other manuals</b> "Should provide 2 sets(hardcopy and soft-copy) of:- <ul style="list-style-type: none"> <li>▪ User, technical and maintenance manuals to be supplied in english/hindi language along with machine diagrams;</li> <li>▪ List of equipment and procedures required for local calibration and routine maintenance;</li> <li>▪ Service and operation manuals (original and copy) to be provided;</li> <li>▪ Advanced maintenance tasks documentation;</li> <li>▪ Certificate of calibration and inspection"</li> </ul> </li> <li>• <b>Other accompanying documents:</b>List of important spares and accessories, with their part numbers and cost;</li> </ul> <p><b>K. Notes</b></p> <ul style="list-style-type: none"> <li>• Service Support Contact details (Hierarchy Wise; including a toll free/landline number) "Contact details of manufacturer, supplier and local service agent to be provided;</li> </ul> <p>Any Contract (AMC/CMC/add-hoc) to be declared by the manufacturer;"</p> <ul style="list-style-type: none"> <li>• Recommendations or warnings Any warning signs would be adequately displayed</li> </ul>
Neuber Chamber	<p>The counting grid is of 3mmx 3mm in size.</p> <ul style="list-style-type: none"> <li>• The grid should have 9 square subdivisions of width 1mm.</li> <li>• The central square should be spilt into 25 squares of width 0.2mm (200µm)</li> <li>• The haemocytometer should have two cover slips</li> <li>• The glass cover should be of squared shaped of width 22mm</li> <li>• Material: Thermal and shock resistant glass</li> <li>• The chamber should have two special clamps to avoid the cover glass to avoid edge-lift.</li> </ul> <p>Pipette</p> <p>The pipette should be made of glass of maximum capacity of 20,200</p>

Items	Specifications
	and 2000µl. Dimensions (metric):length-300mm +/-10mm, 2mm thickness. Autoclaving at 121degree centigrade Should be resistance to mechanical, chemical and over heating. <b>STANDARDS AND SAFETY:</b> 1. should beISO 648/IS 117 approved product. 2. Manufacturer and Supplier should have ISO13485/ ISO 9001 certification for quality standards. 3Certificate of calibration from the manufacturer 4. The product should be USFDA/ CE marked
ESR Stand with tube	<b>. ESR Stand with Tubes</b> <ul style="list-style-type: none"> <li>➤ Screw type stand with cast iron base and highly nickel plated</li> <li>➤ The base shall have minimum 5tube holder</li> <li>➤ 2nos spare tubes should be provided with the ESR stand.</li> <li>➤ The witrobes tube should be made of <b>Soda-lime Glass/borocilicate glass material.</b></li> <li>➤ <b>Diamension:</b> <ul style="list-style-type: none"> <li>• 110 to 120mm mm Length</li> <li>• 2.9mm to 3 mm inside Diameter</li> <li>• 7.0mm to 8.0mm outer diameter.</li> </ul> </li> <li>➤ The uniformity of the bore shall be <math>\pm 0.1</math> mm throughout the tube.</li> <li>➤ The tube shall be graduated from 0 to 105mm <math>\pm 0.25</math> mm in 1- mm divisions and numbered every 1 cm from the inside bottom of the tube.</li> <li>➤ The tube shall be legibly marked with the manufacturer's or vendor's name or mark and possess a frosted area for marking purposes.</li> <li>➤ Open at both ends; cotton plugged</li> <li>➤ Calibration in yellow/white for easy reading.</li> <li>➤ It should have good chemical resistance towards acids, salt solutions and organic solutions.</li> <li>➤ Can be easly cleaned with distle water.</li> <li>➤ It should be autoclavable.</li> </ul> <b>Quality Standards:</b> <ul style="list-style-type: none"> <li>➤ The item should be CE certified with marking</li> <li>➤ Manufacturer should be ISO 13485 Certified</li> </ul>
TC-DC Count apparatus	<b>TC-DC Count apparatus:</b> All metal case housing ,durable ,Chemical resistant easy to clean and disinfect. Stable and wide base with rubbuer feet Should be 8-Key model with dual reset mount Should have totalizer window Should have WBC maturation series picto-stip chart just above the key window
Sickling test kit	Kit consists of R1-2x20ml(Solubility buffer) R2-2 vials (Solubility reagent-Sodium Dithionite)

Items	Specifications
	Empty reaction tube-20nos Result reading stand-1 Reagent dropper-2 Sample dropper-20 Rubber teat-2 Pack insert-1
Colorimeter	<b>Digital colorimeter for clinical biochemical test.</b> <b>Digital Colorimeter with auto zero facility displaying test result.</b> <b>Easy operation with auto storage facility of concentration.</b> Wavelength: 410, 470, 490, 520, 540, 580, 610 & 640 nm Photometric range :%of Transmission 0 to 100 Absorbance -0.0 to 1.5 Abs Repeatability $\pm 0.01$ Abs Sample volume:1ml Light source: Halogen/LED Sample Holder :75 x 12 mm $\pm 0.5$ mm Test tube with 10 mm Path Length With shutter. The manufacturer should be ISO13485 approved Product should be CE certified Product should be safety compliance to IEC 61010
Centrifuge machine	<b>Centrifuge Table Top- 4tube</b> GMDN name : <b>Centrifuge</b> 1 USE 1.1 Clinical purpose: Used in Biochemical and Analytical labs for Hematocrit, blood Corpusule percentage, Serum Analysis, Precipitate Separation and Blood Group matching. 1.2 Used by clinical department/ward: Analytical Laboratories <b>TECHNICAL</b> <b>2 TECHNICAL CHARACTERISTICS</b> 2.1 Technical characteristics (specific to this type of device) " <ul style="list-style-type: none"> <li>• Speed: Maximum Range 3000 to3500RPM</li> <li>• Receprocating Centrifugal force (RCF): 1500 to 1600</li> <li>• Minimum Capacity: 60ml</li> <li>• Digital Timer range: 0 to 30 minutes with Hold Function</li> <li>• Auto Lid interlock to prevent opening while running centrifuge with emergency lidlock release.</li> <li>• The lid will be only opened once the motor is completely stop.</li> <li>• Digital display of RPM</li> <li>• Stainless steel Chamber easy to clean</li> <li>• Hinges to prevent door falling</li> <li>• Rotor Head Sizes: 4x 15ml.Rotor Head: Angle rotor</li> <li>• Rotors should be autoclavable</li> </ul>

Items	Specifications
	<ul style="list-style-type: none"> <li>• The unit should be vibration free."</li> <li>• Noise level &lt;60dB.</li> </ul> <p>2.2 User's interface Manual</p> <p>2.3 Software and/or standard of communication (where ever required) NA</p> <p>3 PHYSICAL CHARACTERISTICS</p> <p>3.1 Dimensions (metric) NA</p> <p>3.2 Weight (lbs, kg) NA</p> <p>3.3 Capacity 120 ml or above</p> <p>3.4 Noise (in dBA) NA</p> <p>3.5 Heat dissipation Heat Dissipation: Should maintain nominal Temp and the heat should be disbursed through an cooling mechanism</p> <p>3.6 Mobility, portability Portable</p> <p>4 ENERGY SOURCE (electricity, UPS, solar, gas, water, CO2 ....)</p> <p>4.1 Power Requirements "220-240 V/50Hz</p> <p>4.2 Battery operated No</p> <p>4.3 Protection NA</p> <p>4.4 Power consumption 100 to 200 Watts</p> <p>5 ACCESSORIES, SPARE PARTS, CONSUMABLES</p> <p>5.1 Accessories (mandatory, standard, optional); Spare parts (main ones); Consumables / reagents (open, closed system) Rubber adapter should be provider for the use of vacutainer for 3ml and 5ml</p> <p>6 ENVIRONMENTAL AND DEPARTMENTAL CONSIDERATONS</p> <p>6.1 Atmosphere / Ambiance (air conditioning, humidity, dust ...)</p> <p>1)Operating condition: Capable of operating continuously in ambient temperature of 10 to 50 deg C and relative humidity of 15 to 90% in ideal circumstances.</p> <p>2)Storage condition: Capable of being stored continuously in ambient temperature of 0 to 50 deg C and relative humidity of 15 to 90%."</p> <p>6.2 User's care, Cleaning, Disinfection &amp; Sterility issues</p> <p>"1)Disinfection: Parts of the Device that are designed to come into contact with the patient or the operator should either be capable of easy disinfection or be protected by a single use/disposable cover.</p> <p>2) Sterilization not required."</p> <p>7 STANDARDS AND SAFETY</p> <p>7.1 Certificates (pre-market, sanitary, ..); Performance and safety standards (specific to the device type);Local and/or international "</p> <p>1. Should be FDA/CE(From a notified body) as per IVD /BIS approved product.</p> <p>2. Manufacturer and Supplier should have ISO 13485 certification for quality standards.</p> <p>3. Certified to be compliant with IEC 61010-1,IEC 61010-2-20 for safety. General requirements”</p> <p>IEC 61010-2-020 “Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-020: Particular requirements for laboratory centrifuges” "</p>

Items	Specifications
	<p>8 TRAINING AND INSTALLATION</p> <p>8.1 Pre-installation requirements: nature, values, quality, tolerance "</p> <p>1) Availability of 5 amp socket; 2) Safety and operation check before handover;</p> <p>8.2 Requirements for sign-off Certificate of calibration and inspection from the manufacturer</p> <p>8.3 Training of staff (medical, paramedical, technicians)</p> <p>1) Training of users on operation and basic maintenance; 2) Advanced maintenance tasks required shall be documented</p> <p>9 WARRANTY AND MAINTENANCE</p> <p>9.1 Warranty 3 years</p> <p>9.2 Maintenance tasks "CMC 5 years 2 PM Visits Annually. All Breakdown calls to be attended within 24 hrs of registration."</p> <p>9.3 Service contract clauses, including prices The spare price list of all spares and accessories (including minor) required for maintenance and repairs in future after guarantee / warranty period should be attached;</p> <p>10 DOCUMENTATION</p> <p>10.1 Operating manuals, service manuals, other manuals "Should provide 2 sets (hardcopy and soft-copy) of:-</p> <p>1) User, technical and maintenance manuals to be supplied in english/hindi language along with machine diagrams; 2) List of equipment and procedures required for local calibration and routine maintenance; 3) Service and operation manuals (original and copy) to be provided; 4) Advanced maintenance tasks documentation; 5) Certificate of calibration and inspection"</p> <p>10.2 Other accompanying documents List of important spares and accessories, with their part numbers and cost;</p> <p>11 NOTES</p> <p>11.1 Service Support Contact details (Hierarchy Wise; including a toll free/landline number) "Contact details of manufacturer, supplier and local service agent to be provided; Any Contract (AMC/CMC/add-hoc) to be declared by the manufacturer;"</p> <p>11.2 Recommendations or warnings any warning signs would be adequately displayed</p>
<b>Items required for providing RMNCHA services</b>	
Weighing Scale, Infant (10 Kg)	<ul style="list-style-type: none"> <li>• Table top, light and portable,</li> <li>• Built in rechargeable battery,</li> <li>• Easy to clean baby tray (acrylic),</li> <li>• Zero weight adjustment facility,</li> <li>• Quick, clear digital read outs with LCD display</li> <li>• Measurement does not change with position of baby on the pan;</li> <li>• Provision to measure the height of the baby in its laying position.</li> <li>• Accuracy: 10g, resolution: 1g, limit: 10gm ~ 10kg</li> <li>• Settings-Auto setting to 0.00 once a the machine is switched on or</li> </ul>

Items	Specifications
	<p>when no external weight has been put on</p> <p><b>Dimension :Base: 300mm x 265mm x 85mm, Pan: 510mm x 300mm x 85mm/As per IS standard</b></p> <p><b>Power Requirements-230 V AC &amp; Battery operated-6V, one hour backup</b></p> <p>The Scale should be as per BIS specifications. The scale should have ISI mark ie IS: 2489 Or CE/USFDA certified. Should have model approval from Legal Metrology Dept., Govt. of India.</p> <p>The manufacturer shall have the valid license and should have model approval by the legal metrological Deptt. And the weighing scale must be stamped by the by legal metrological Deptt. In case of distributor, the bidder should have valid distributor and repair license from legal metrological Deptt., Govt. of Odisha.</p>
Vulsellum Uterine	Vulsellum Uterine Forceps curved 25.5 cm
Cusco's/Graves Speculum vaginal bi-valve	Cusco's/Graves Speculum vaginal bi-valve small size
Sims retractor/depressor	Sims retractor/depressor small size
Sims Speculum vaginal double ended ISS Medium	Sims Speculum vaginal double ended ISS Medium size
Uterine Sound Graduated	Uterine Sound Graduated 10-12"
Cord cutting Scissors	Cord cutting Scissors- Size 6 inch double action jaw with round handle. Blunt, curved on flat, 160 mm ss
Foetal Doppler	<p>A portable, hand-held, battery-powered device assembly consisting of a measuring and display unit and an attached probe or interchangeable probes designed to noninvasively detect foetal heart beats using ultrasound/Doppler technology.</p> <ul style="list-style-type: none"> <li>• Water proof probes of 2MHz &amp; 3MHz frequency.</li> <li>• Ultra sound Intensity &lt;10mw/ cm<sup>2</sup>,</li> <li>• Auto Shut Of Facility to save Battery Power</li> <li>• Built –in Speaker, Volume Control Facility and Audio Output for Ear Phone</li> <li>• Heart Rate Range should be from 50 to 200 bpm with accuracy of + /-2%,</li> <li>• Should be Water Proof Body, Should have Facility for FHR Data transfer to PC.</li> <li>• LCD display</li> </ul> <p>Power Requirements AA batteries Battery operated AA battery type; Minimum Battery Time of 300 minutes.</p> <p><b>Accessories:</b></p> <ul style="list-style-type: none"> <li>▪ AA battery(rechargeable)-2nos</li> <li>▪ 2MHz probe-1no</li> </ul>



Items	Specifications
	<p><b>STANDARDS AND SAFETY:</b></p> <ul style="list-style-type: none"> <li>▪ USFDA or CE(Notified) or UL approved product.</li> <li>▪ Type B or BF, Performance and safety standards (specific to the device type)</li> <li>▪ Shall meet IEC-60601-1-2:2007 Medical electrical equipment - Part 1-2: General requirements for basic safety and essential performance</li> <li>▪ Local and/or international Manufacturer should be ISO 13485 certified</li> </ul>
Suction Machine	<p><b>Technical Specification</b>  0-760 mm Hg <math>\pm</math> 10 regulable  1/4 HP; single phase motor  flutter free vacuum control knob  Wide mouthed 1 LITRE (Polycarbonate) with self-sealing bungs and mechanical over flow safety device.  Dimensions (metric) : Portable Table top  Noise (in dBA) <b>50 dB A <math>\pm</math> 3</b>  Accessories &amp; Spares Collection container &amp; its cap, suction tube tips, a vacuum gauge and control knob.</p> <ul style="list-style-type: none"> <li>• Tubing:8 mm ID x 2 mtr (PVC)</li> <li>• 1 lt polycarbonate jar of 1nos</li> </ul> <p><b>Quality Standard:</b>  Quoted model should be USFDA /CE certified,ISO 13485:2003; ISO 10079-1- 1999</p>
Ambu Bag (Paediatric size) with Baby mask	<ul style="list-style-type: none"> <li>• Manual resuscitator with transparent face-mask</li> <li>• Child models (750ml, &amp;500ml bag capacity);</li> <li>• Standard 15/22 mm Swivel connector allows connections to all common masks Endo-tracheal Tubes;</li> <li>• Provision to give supplemented oxygen-by-oxygen reservoir providing 100% oxygen;</li> <li>• Non-re breathing valve enabling the patient to inspire oxygen from the reservoir bag.</li> <li>• Should be single hand opera table</li> <li>• Should be easy to disassemble for cleaning and disinfection</li> <li>• Should have pressure release valve at 40cm H<sub>2</sub>O</li> <li>• Should have silicone oxygen tube 2m length.</li> <li>• 10. It should be upto 40 times autoclavable including bag and washers.</li> <li>• The bag should be made of soft silicone material.</li> <li>• Self-Inflating Resuscitator bag should be of medical grade silicone rubber.</li> <li>• The reservoir should be a PVC bag of 600ml capacity 500ml bag</li> </ul>

Items	Specifications
	<p>capacity and 1000ml for 750ml bag capacity.</p> <p><b>1 Accessories (mandatory):-</b>            Silicon bellows, Non Rebreathing Valve, 2 meter oxygen tube, Guedel Airway sizes viz 0 and 1, Neonatal Mask of 3 sizes viz 00, 0 and 1</p> <p><b>STANDARDS AND SAFETY</b>            ISO 13485; Manufacturer / supplier should have ISO certificate for quality standard.            Should be USFDA / CE (From notified body) approved product or BIS certified            should meet ISO 10651-4 standard requirement</p>
<b>Lab Materials</b>	
<p>Dipsticks for urine test for protein and sugar</p>	<p><b>URINE Complete rapid test reagent strips :</b></p> <ul style="list-style-type: none"> <li>• Urine Reagent Strips are for in vitro diagnostic use only.</li> <li>• Indications for urine test strips:               <ul style="list-style-type: none"> <li>▪ Screening for prevention</li> <li>▪ Treatment monitoring</li> <li>▪ Patient self-testing</li> </ul> </li> <li>• Urine Reagent Strips provide tests for the following parameters:               <ul style="list-style-type: none"> <li>▪ Glucose</li> <li>▪ Bilirubin</li> <li>▪ Ketone (Acetoacetic acid)</li> <li>▪ Specific Gravity</li> <li>▪ Blood</li> <li>▪ pH</li> <li>▪ Protein</li> <li>▪ Urobilinogen</li> <li>▪ Nitrite</li> <li>▪ Leukocytes</li> <li>▪ Ascorbic Acid in Urine.</li> </ul> </li> <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 25/50/100 sizes.</li> <li>• Urinalysis test strips types               <ul style="list-style-type: none"> <li>▪ Ketones- Single test</li> </ul> </li> </ul>

Items	Specifications
	<ul style="list-style-type: none"> <li>▪ Glucose, Protein &amp; pH- Three parameter</li> <li>▪ Glucose, Protein pH, Leukocytes, Nitrites, Ketones, Bilirubin, Blood, Urobilinogen, and Specific Gravity-10 parameter</li> <li>▪ Leukocytes and Nitrite-Special parameter</li> </ul> <p><b>Quality Standards:</b></p> <ul style="list-style-type: none"> <li>• The manufacturer should be ISO 13485 certified.</li> <li>• The strips should be USFDA/CE (IVD) approved.</li> <li>• The strips should be DCGI approved.</li> </ul>
<b>Items required for providing Speciality services</b>	
<b>Oral Health</b>	
Interdental cleaning aids	<b>Wooden/plastic Triangular Sticks</b> <b>Interproximal Brushes</b>
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.
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.
<b>ENT</b>	
Torch	LED focusing torch with chrome/steel ribbed body (medium size) with battery
Tongue Depressor	Wooden flat disposable tounge depressor. Box size:100/Box
Mouth Gag	Size-5", Finger ring instrument with grip & locking system.Blades of 1" long & 1/4" wide.
Mouth Mirror	Angular mirror-2 piecesTo provide indirect vision To retract lips, cheeks, and tongue To reflect light into the mouth.Accurate image from flat surface mirrors, image magnified with concave mirrors. Size of 14mm -22 mm of Plane size.StainlessSteel.Fog free with Flat/round ribbed handle. The mirror shall be made of fiber glass and the handle shall be made of stainless steel 410/420 grade
Tuning fork	Nickel-plated steel, material thickness 8 mm, Frequency: 128 Hz / 512 Hz
Nasal Speculum (St. Claire's)*	Nasal Speculum of length 3" having two 5mm wide x 11mm long blades.
Ear Speculum – metallic, dull finish	Ear Speculum – metallic, dull finish
Jobson-Horne probe	Jobson-Horne probe-Curette loop at one end and threaded section at the other end for holding cotton wool Manufactured from carbon filled nylon material to provide better strength and flexibility.
Otoscope	<b>Otoscope</b> <ul style="list-style-type: none"> <li>• GMDN name: Otoscope <ul style="list-style-type: none"> <li>▪ Clinical purpose: An otoscope or auriscope is a hand-held and</li> </ul> </li> </ul>

Items	Specifications
	<p>battery powered device containing illumination and viewing optics 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 ear symptoms. An otoscope potentially gives a view of the ear canal and tympanic membrane, or eardrum.</p> <ul style="list-style-type: none"> <li>▪ Used by clinical department/ ward: ENT</li> <li>• Technical characteristics (specific to this type of device): <ul style="list-style-type: none"> <li>▪ Battery (3.5v) operated high efficiency Fiber optic LED otoscope with detachable head and handle with high quality optics.</li> <li>▪ The viewing window with 3x magnification.</li> <li>▪ Should have on/off button on the handle for illumination, the handle should be made of Solid metal- chrome slip type shock proof.</li> <li>▪ The light should have minimum colour temperature of 4000k with CRI &gt;90 for Bright and homogeneous illumination with excellent colour rendering.</li> <li>▪ Should have rotating knob to control the intensity of the otoscope.</li> <li>▪ The LED lamp life should be more than 10000 hrs.</li> </ul> </li> <li>• User's interface: Manual</li> <li>• Software and/or standard of communication (where ever required) :NA</li> <li>• PHYSICAL CHARACTERISTICS <ul style="list-style-type: none"> <li>▪ Dimensions (metric): Hand Held Portable</li> <li>▪ Weight (lbs, kg): NA</li> <li>▪ Configuration : NA</li> <li>▪ Noise (in dBA) : NA</li> <li>▪ Heat dissipation: NA</li> <li>▪ Mobility, portability : Handheld device</li> </ul> </li> <li>• ENERGY SOURCE (electricity) <ul style="list-style-type: none"> <li>▪ Power Requirements : NA</li> <li>▪ Battery operated : Yes</li> <li>▪ Tolerance (to variations, shutdowns): NA</li> <li>▪ Protection : NA</li> <li>▪ Power consumption : NA</li> </ul> </li> <li>• ACCESSORIES, SPARE PARTS, CONSUMABLES <ul style="list-style-type: none"> <li>▪ Accessories (mandatory, standard, optional); Spare parts (main ones); Consumables / reagents (open, closed system) <ul style="list-style-type: none"> <li>✓ Battery -2nos</li> </ul> </li> </ul> </li> </ul>

Items	Specifications
	<ul style="list-style-type: none"> <li>✓ Reusable EAR specula of 2mm, 3mm, and 4mm three from each. The specula should be autoclavable.</li> <li>✓ Storage case (rigid and steady)</li> <li>• ENVIRONMENTAL AND DEPARTMENTAL CONSIDERATIONS: <ul style="list-style-type: none"> <li>▪ Atmosphere / Ambiance (air conditioning, humidity, dust ...)</li> <li>✓ Operating condition: Capable of operating continuously in ambient temperature of 10 to 40 deg C and relative humidity of 15 to 90% in ideal circumstances.</li> <li>✓ Storage condition: Capable of being stored continuously in ambient temperature of 0 to 50 deg C and relative humidity of 15 to 90%.</li> <li>▪ User's care, Cleaning, Disinfection &amp; Sterility issues Disinfection: Parts of the Device that are designed to come into contact with the patient or the operator should either be capable of easy disinfection or be protected by a single use/disposable cover.</li> </ul> </li> <li>• STANDARDS AND SAFETY <ul style="list-style-type: none"> <li>▪ Certificates (pre-market, sanitary, ..); Performance and safety standards (specific to the device type); Local and/or international <ul style="list-style-type: none"> <li>✓ Product should be USFDA/CE approved</li> <li>✓ Should have IEC 60601-1/IEC 60601-1-2/CE (EU) certificate;</li> <li>✓ Manufacturer / supplier should have ISO 13485 certificate for quality standard;</li> </ul> </li> </ul> </li> <li>• TRAINING AND INSTALLATION <ul style="list-style-type: none"> <li>▪ Pre-installation requirements: nature, values, quality, tolerance: NA</li> <li>▪ Requirements for sign-off Certificate of calibration and inspection from the manufacturer</li> <li>▪ Training of staff (medical, paramedical, technicians) <ul style="list-style-type: none"> <li>✓ Training of users on operation and basic maintenance;</li> <li>✓ Advanced maintenance tasks required shall be documented</li> </ul> </li> </ul> </li> <li>• WARRANTY AND MAINTENANCE <ul style="list-style-type: none"> <li>▪ Warranty: 3 years including bulb</li> <li>▪ Maintenance tasks <ul style="list-style-type: none"> <li>✓ Maintenance manual detailing;</li> <li>✓ Complete maintenance schedule;</li> </ul> </li> <li>▪ Service contract clauses, including prices: <ul style="list-style-type: none"> <li>✓ The spare price list of all spares and accessories required</li> </ul> </li> </ul> </li> </ul>

Items	Specifications
	<p>for maintenance and repairs in future after guarantee / warranty period should be attached.</p> <ul style="list-style-type: none"> <li>✓ Free servicing (min. 2/year) during warranty period</li> </ul> <ul style="list-style-type: none"> <li>• DOCUMENTATION <ul style="list-style-type: none"> <li>▪ Operating manuals, service manuals, other manuals Should provide 2 sets(hardcopy) of:- <ul style="list-style-type: none"> <li>✓ User, technical, maintenance and service manuals to be supplied along with machine diagrams;</li> <li>✓ List of equipment and procedures required for local calibration and routine maintenance;</li> <li>✓ Certificate of calibration and inspection;</li> </ul> </li> <li>▪ Other accompanying documents List of important spares and accessories, with their part numbers and cost;</li> </ul> </li> <li>• NOTES <ul style="list-style-type: none"> <li>▪ 11.1 Service Support Contact details (Hierarchy Wise; including a toll free/landline number):Contact details of manufacturer, supplier and local service agent to be provided;</li> <li>▪ Any Contract (AMC/CMC/add-hoc) to be declared by the manufacturer;</li> <li>▪ Recommendations or warnings: Any warning signs would be adequately displayed</li> </ul> </li> </ul>
<b>Communicable Diseases</b>	
Whole blood finger prick HIV Rapid Test & STI screening test	<p><b>Intended of Use:</b> The assay should be able to detect antibodies of HIV1, HIV2 and all the subtypes by detection of antibodies by the agglutination/ Enzyme</p> <p><b>Should be 3rd generation:</b></p> <ul style="list-style-type: none"> <li>• The assay should have sensitivity of 100% or more and specificity of 100% or more as per data from an identified national reference laboratory.</li> <li>• The assay should have solid phase/ particles coated with synthetic and/ or recombination or both types of antigens of HIV1 &amp; HIV2.</li> <li>• Total procedure time should not be more than 30 minutes.</li> <li>• The manufacturers should ensure that: <ul style="list-style-type: none"> <li>▪ The test kit should be packed such that there is a provision to conduct single test at a time;</li> <li>▪ The assay components should include HIV positive and negative serum controls sufficient for conducting 20% of the tests (10% negative and 10% positive controls); and</li> <li>▪ The pack size of HIV rapid test kits should be 30 tests per Kit.</li> </ul> </li> <li>• The manufacturer should be ISO 13485 certified.</li> <li>• The strips should be USFDA/CE (IVD) approved.</li> </ul>

Items	Specifications
	<ul style="list-style-type: none"> <li>The strips should be DCGI approved.</li> </ul>
Typhoid rapid test kit	<p><b><u>Widal test KIT</u></b>  <b><u>The test kit should have the following configuration</u></b></p> <ol style="list-style-type: none"> <li>'O' Antigen 5ml</li> <li>'H' Antigen 5ml</li> <li>AH' Antigen 5ml</li> <li>BH' Antigen 5ml</li> <li>Positive control 5ml</li> <li>Negative control 5ml</li> <li>Test Serum Sample 2 ml</li> <li>Glass Slide 1 No.RT</li> <li>Disposable Mixing Sticks</li> </ol> <ul style="list-style-type: none"> <li>Result should be within 3 minutes</li> <li>Homologuesantigen antibody reaction with no cross reactivity with other salmonellar groups</li> <li>High specificity:98%</li> <li>Higher sensitivity:98%</li> <li>Self-life 1 year</li> </ul>
Rapid test kit for Hepatitis B & C	<p><b>Intended Of Use:</b>HBsAg/HCV Ab Rapid Test is a lateral flow chromatographic immunoassay for the qualitative detection of Hepatitis B surface antigen (HBsAg) and anti-Hepatitis C virus antibodies (IgG, IgM, IgA) in human serum, plasma and whole blood. It is intended to be used as a screening test and as an aid in the diagnosis of infection with Hepatitis B virus (HBV) and Hepatitis C virus (HCV).</p> <ul style="list-style-type: none"> <li>Should be immunoassay/capture principle</li> <li>Should be lateral flow device</li> <li>Should have in built quality control band or dot</li> <li>Should have short interpretation time not more than 10 minutes</li> <li>Should have specificity and sensitivity of 100 %</li> <li>Must be evaluated and approved by NIB</li> </ul> <p><b><u>Kit Configuration</u></b></p> <ol style="list-style-type: none"> <li>Diagnostics Rapid Card</li> <li>HBsAg colloidal gold rapid test strips, each placed in white plastic cassette and packed in foil pouch.</li> <li>Instructions for use.</li> <li>1 vial of sample diluent.</li> </ol> <p><b>Sensitivity 100 %</b>  <b>Specificity 100 %</b></p>
<b>NCD</b>	
Glucometer with strips and lancet	<p style="text-align: center;"><b><u>GLUCO METER</u></b></p> <p><b>Description of Function:</b></p> <p>A glucose meter (or glucometer) is a medical device for determining the approximate concentration of glucose in the whole blood.</p>

Items	Specifications
	<p><b>Product Quality Standards:</b></p> <ul style="list-style-type: none"> <li>• Should be USFDA/CE (Notified) of the quoted model</li> <li>• Manufacturer should be ISO certified for quality standards.</li> </ul> <p><b>Technical Specifications</b></p> <ul style="list-style-type: none"> <li>• Small, portable and user friendly device is required. Blood should not go into the glucometer while measurement.</li> <li>• It should be able to measure whole blood in capillary mode.</li> <li>• Minimum analytical range: 30 – 600 in mg/dl.</li> <li>• Accuracy should be as per International Standard ISO 15197- Requirements for blood-glucose monitoring systems for self-testing in managing diabetes mellitus.</li> <li>• Reproducibility/Precision: +/- 5%</li> <li>• Display should be 43mm± 5 mm measured diagonally.</li> <li>• It should be battery operated electronic system and the battery life should be for at least 1000 tests.</li> <li>• Shelf life of strips: Minimum 12 months at the time of delivery to consignee.</li> <li>• Packing of strips: not more than 50 strips in a pack. Strips should work min. 3 months after opening of strips pack.</li> <li>• Control solution for checking reliability of strips will be supplied free of cost as &amp; when required.</li> <li>• Ready availability of reagent test strips, battery &amp; other consumables across Odisha for at least 5 years.</li> <li>• Machine should be supplied with lancing device of 2nos.</li> <li>• <b>Machine should have 4 yrs. of replacement warranty.</b></li> </ul> <p><b><u>Equipment Configuration:</u></b></p> <p>1-Glucometer-1no  2-Lancing Device-2no  3-Standard batteries-1Set  4-Carrying case-1  5-Instruction manual  6-Warranty card</p> <p><b>Consumables:</b></p> <ol style="list-style-type: none"> <li>1. 115 nos. single use auto-disabled lancets in multi packs.</li> <li>2. Test strips -100 nos. in two packs</li> <li>3. Control strip.</li> </ol>
VIA Kit for screening cervical cancer	<p><b>VIA –Visual Inspection with acetic Acid kit:</b></p> <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> </ul>



Items	Specifications
	<ul style="list-style-type: none"> <li>• Sterilized disposable gloves-1 packet of 100 gloves</li> <li>• Good Quality bag/pouch for storing the above mentioned items</li> </ul>
<b>Ophthalmic services</b>	
Snellen vision chart	Snellen vision chart
Near vision chart	Near vision chart

## **SECTION –VI**

### **ANNEXURES**

**(Technical Bid, Price Bid, Agreement,  
Undertaking for Comprehensive Warranty)**

**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**

Sl No		Yes	No	Page No
1	Tender Paper Cost Rs. 1180/-			
	EMD Rs.10000/-			
	List of Item Quoted with name, make & model Annexure – II			
	Detail Name, address, telephone number, fax, email of the manufacturer/ authorised distributor/ service centre/ contact person/office in Odisha (Annexure – III)			
	Declaration form duly signed by the tenderer before Notary public/Executive Magistrate (Annexure – IV)			
	Manufacturer's Authorization (in case bidder is not the manufacturer.			
	Average Annual Turn over Five corer or more in the last 3 financial year duly filled by the auditor/chartered accountant			
	Copy of valid ISO Certificate			
	Copy of valid CE/USFDA certificate			
	Copy of certificate in support of IEC Certificate (for electrical Item)			
	Copy of upto date GST Certificate			
	Copy of PAN			
	Performance Statement (Annexure – VII) item wise			
	Deviation / No deviation statement (Annexure – VIII)			
	Leaflet/ Brochure of item quoted			
	Sample of small items			
	Original Tender Paper			

(To be submitted in Cover A -Technical Bid)

**LIST OF ITEM(S) QUOTED**

<b>Sl.</b>	<b>Name of Item (s)</b>	<b>Name of Manufacturer</b>	<b>Make</b>	<b>Model Name</b>

**Signature of the Tenderer :**

**Date :**

**Official Seal:**

(To be submitted in Cover A -Technical Bid)

**DETAILS OF THE TENDERER & LOCAL CONTACT PERSON**

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

**Signature of the Tenderer :  
with seal**

**Date :**

**Official Seal :**

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

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

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

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

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

Signature of the bidder :

Seal

Date :

Name &amp; Address of the Firm:

Affidavit before Executive Magistrate / Notary Public.

(To be submitted in Cover A -Technical Bid)

**MANUFACTURER’S AUTHORISATION FORMAT**

To

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

Ref: Tender No. \_\_\_\_\_ Dated \_\_\_\_\_ for \_\_\_\_\_.

Dear Sir,

We \_\_\_\_\_ are the manufacturers of \_\_\_\_\_  
\_\_\_\_\_ (name of equipment(s) having factories at \_\_\_\_\_  
\_\_\_\_\_

1. Messrs \_\_\_\_\_(name and address of the agent) is our authorized agent for sale and service of \_\_\_\_\_(name of equipment(s))
2. We confirm that Messrs. \_\_\_\_\_ (name of the above agent) is authorized to submit a tender, and enter into a contract with for the above goods manufactured by us.
3. We also extend our full guarantee / warranty and also full back-up support for AMC/CMC if required by the purchaser.

Yours faithfully,

\_\_\_\_\_

\_\_\_\_\_  
(Signature with date, name and designation)

For and on behalf of Messrs \_\_\_\_\_  
(Name & address of the manufacturers)

Seal

Note :

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

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

**ANNUAL TURN OVER STATEMENT**

The Annual Turnover for Equipment products of M/s \_\_\_\_\_ **who is a manufacturing unit/ Authorized unit** for the last \_\_\_\_\_ years are given below and certified that the statement is true and correct.

---

<b>Sl.No.</b>	<b>Year</b>	<b>Turnover in Crores (Rs.)</b>
1.	2017-18	-
2.	2016-17	-
3.	2015-16	-

---

**Average Annual Turnover** (for the above three years) in **Crores (Rs.)** \_\_\_\_\_

---

Date: \_\_\_\_\_  
Place: \_\_\_\_\_

Signature of Auditor/  
Chartered Accountant  
(Name in Capital)

Seal \_\_\_\_\_ Membership No.- \_\_\_\_\_  
Registration No. of Firm \_\_\_\_\_

**Note:**

a) To be issued in the **letter head** of the Auditor/Chartered Accountant.

**Separate certificates** should be furnished for different manufacturer in case the bidder is quoting products of different manufacturers.

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

**Annexure VII** (Refer Clause no. 3.13)

**PROFORMA FOR PERFORMANCE STATEMENT**

(For the period of last **two years**)

Tender Reference No. :

Name of Tenderer :

Name of Manufacturer : \_\_\_\_\_

Name of the Item (s) : \_\_\_\_\_

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

**Signature and seal of the Tenderer**

\* The documentary proof will be **copies of the purchase order** (during the last 2 years) indicating Contract No. and date along with a notarized certification (by the bidder) authenticating the correctness of the information furnished.

\*\* The documentary proof will be certificate from the consignee/end user indicating Contract No. and date along with a notarized certification (by the bidder) authenticating the correctness of the information furnished.



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

**Annexure VIII A**  
(Refer Clause No. 3.14)

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

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

<b>Sl. No.</b>	<b>Item Name</b>	<b>Clause of Technical Specification</b>	<b>Statement of Deviations / Variations if any</b>
1			
2			
..			
..			
..			

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

Signature of the Bidder

Name :

Date :

Place :

Seal

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

**Annexure VIII B**  
(Refer Clause No. 3.14)

**DETAILS OF TECHNICAL SPECIFICATION OF THE PRODUCT OFFERED BY THE BIDDER**

<b>Sl. No.</b>	<b>Item Name</b>	<b>Make</b>	<b>Model</b>	<b>Detail Specification of the product offered* (Pl. Describe the detail specification of the product offered)</b>
1				
2				
..				
..				
..				

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

Signature of the Bidder

Name :

Date :

Place :

Seal

**AGREEMENT**

THIS AGREEMENT IS MADE AT \_\_\_\_\_ THIS THE DAY OF \_\_\_\_\_ 201\_\_

**BETWEEN**

Name of the Supplier  
with full address

Here in after called the “Supplier(s) \_\_\_\_\_” as 1<sup>st</sup> Party

**AND**

The CDM&PHO/C.M.O / M.O, I/c  
Health & F.W. Department  
Represented through the

\_\_\_\_\_ / **THE CONSIGNEE**  
Hereinafter called the “PURCHASER” \_\_\_\_\_ as 2<sup>nd</sup> Party.

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

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

**Name of the Item:**

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

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

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

The price / cost of the item also include the followings in addition to above.

1. Insurance
2. Freight
3. Transportation
4. Customs duty / Excise duty
5. Charges for documents, instructions manual, tools
6. F.O.R. at the destinations mentioned in the consignee list
7. Training to doctors & technicians.

8. Maintenance of the system includes all accessories supplied and their spare parts required during comprehensive warranty period of two year at free of cost from the date of successful installation and satisfactory functioning of the system at the site.
9. Installation and commissioning of the system by the Supplier's engineer at site.
10. Any other charges including loading & unloading, packing & forwarding etc. will be paid by the Supplier(s) till the completion of the installation and turnkey job if any.

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

## **TERMS AND CONDITIONS:-**

### **PRICE :**

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

## **TERMS FOR PAYMENT :-**

**A.** The payment(s) shall be made by purchaser in Indian currencies No advance payments towards cost of Instruments and Equipments etc. will be made to the tenderer. No payment will be made to the supplier if he has not deposited the unconditional performance security in shape of Bank draft amounting to 10% of greater than Rs.10000/- items which will be deposited in [ZSS Sambalpur](#) with the warranty for 2 years agreement to the consignee.

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

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

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

## **TURNKEY JOB:**

**The external power supply will be provided by the purchaser but the internal wiring and electrical fittings inside the room for installation & commissioning of the equipment and accessories will be provided by the supplier without any extra cost (This cost is to be included in the cost of turnkey).**

### **UP-TIME BALANCE :**

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

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

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

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

For 2 years warranty = 8322 x2 = 16644Hours

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

### **DOWNTIME PENALTY CLAUSE:**

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

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

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

### **COMPREHENSIVE MAINTENANCE CONTRACT:**

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

## **INSTALLATION AND DEMONSTRATION :**

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

## **TRAINING :**

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

## **PERT CHART :**

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

## **INCIDENTAL SERVICES :**

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

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

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

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

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

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

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

### **SPARE PARTS :**

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

### **COMPREHENSIVE WARRANTY :**

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

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

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

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

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

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

### **GOVERNING LANGUAGE :**

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

### **DELIVERY OF DOCUMENT :**

Three (3) copies of the Supplier invoice / bills showing purchase order number, good's description, quantity, unit price, total amount with stock entry certificate by the consignee.

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

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

**INSURANCE :**

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

**PACKAGING :**

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

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

- a. a packaging note quoting the name of the purchaser
- b. the number and date of order
- c. nomenclature of the goods
- d. schedule of parts for each complete equipment giving part number with reference to assembly.
- e. Name & address of the consignee
- f. Name & address of the supplier.

**TERMS OF CONTRACT :**

The **CDM&PHO** will be at liberty to terminate the contract either wholly or in part without assigning any reason. The tenderers will not entitled to any compensation whatsoever in such terminations.

**PENALTIES :**

If the successful tenderer fails to execute the agreement and / or deposit the required security within the time specified or withdraws his tender after acceptance of his tender owing to any other reasons, he is unable to undertake the contract, his contract will be cancelled and the Earnest Money



Deposit deposited by him along with his tender shall stand forfeited and he will also be liable for all damages sustained by the **CDM&PHO** by reasons of such breach, such as failure to supply / delayed supply including the liability to pay any difference between the prices accepted by him and those ultimately paid for the procurement of the articles concerned. Such damages shall be assessed by the **CDM&PHO** whose decision is final & binding in the matter.

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

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

**ARBITRATIONS** :

In the event of any dispute out of the contract, such dispute should be subject to the Jurisdiction of the Civil Court, [Dist.SAMBALPUR](#) or High Court, Odisha.

**CHANGE OF TERMS AND CONDITIONS** :

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

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

Executed by Purchaser (s) / Consignee

Executed by Supplier(s)

In presence of (Witness)

In presence of (Witness)

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

Tender ref. No. \_\_\_\_\_

Name of the equipment:

Date of Installation:

Name of the Consignee:

Name of the purchaser:

I / we / M/s \_\_\_\_\_

hereby declare that

- i. I / we do Accept / Agree for the warranty / guarantee (2 years Warranty followed by 3 years CMC (Spares + Labour) as per this tender clause No. 7.1 to 7.6.
- ii. I / we will not charge / quote any extra price on account of the above said warranty / guarantee.
- iii. The 2year comprehensive warranty is valid from dt.\_\_\_\_\_ to dt.\_\_\_\_\_.
- iv. The 3 year CMC is valid from dt.\_\_\_\_\_ to dt.\_\_\_\_\_.

Date:

Place:

Signature of the competent authority

on behalf of the company / firm.

Seal of the firm.

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

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

**UNDERTAKING**

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

Tender ref. No. \_\_\_\_\_

Name of the equipment:

Date of Installation:

Name of the Consignee:

Name of the purchaser:

Sir,

I / we \_\_\_\_\_ hereby  
declare that

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

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

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

Signature of the witness  
Name & address

Signature of the Tenderer  
Name & address

Dated

Seal of the firm.

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

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

# **ANNEXURE**

**(To be submitted in COVER B - PRICE BID)**

Sl No	Name of the Item	Specification	Unit	Name of the Manufacturer/Make & Model	Price quoted inclusive of all Taxes (Door Delivery)	Cost of AMC/CMC year wise (excluding service tax) for three years after expiry of 2 year comprehensive warranty
1	Bed Side Screen ( Screen Separators with Stand)	As per Sec V				
2	Examination Table	As per Sec V				
3	I.V. Saline Stand	As per Sec V				
4	Basin 825ml. SS (Stainless Steel)	As per Sec V				
5	Basin deep (capacity 6 Litre)	As per Sec V				
6	Tray Instrument/Dressing with cover 310x195x63mm SS	As per Sec V				
7	Dressing Drum with cover 0.945 Litres SS	As per Sec V				
8	Hemoglobinometer (Strip/micro-cuvette)	As per Sec V				
9	Instrument Sterilizer	As per Sec V				
10	Sphygmomanometer Aneroid 300mm with cuff	As per Sec V				

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Signature &amp; Seal of the Bidder

Sl No	Name of the Item	Specification	Unit	Name of the Manufacturer/Make & Model	Price quoted inclusive of all Taxes (Door Delivery)	Cost of AMC/CMC year wise (excluding service tax) for three years after expiry of 2 year comprehensive warranty
11	Kelly's Forceps	As per Sec V				
12	Cheatele's forceps	As per Sec V				
13	Needle Holder	As per Sec V				
14	Scalpel Holder	As per Sec V				
15	Surgical Blade	As per Sec V				
16	Sponge Holder	As per Sec V				
17	Kidney Tray	As per Sec V				
18	Artery Forceps, Straight, 160mm SS	As per Sec V				
19	Stich Cutter	As per Sec V				
20	Allis Forceps	As per Sec V				

Signature & Seal of the Bidder

Sl No	Name of the Item	Specification	Unit	Name of the Manufacturer/Make & Model	Price quoted inclusive of all Taxes (Door Delivery)	Cost of AMC/CMC year wise (excluding service tax) for three years after expiry of 2 year comprehensive warranty
21	Dressing Forceps (Spring type) 160mm SS	As per Sec V				
22	Hub Cutter and Needle Destroyer	As per Sec V				
23	Artery Forceps Curve	As per Sec V				
24	Gauze Cutting Scissor	As per Sec V				
25	Examination Lamp	As per Sec V				
26	Oxygen Cylinder	As per Sec V				
27	Oxygen Cylinder Trolley	As per Sec V				
28	Stadiometer	As per Sec V				
29	Nebulizer	As per Sec V				
30	Slide Drying Rack	As per Sec V				

Signature & Seal of the Bidder



Sl No	Name of the Item	Specification	Unit	Name of the Manufacturer/Make & Model	Price quoted inclusive of all Taxes (Door Delivery)	Cost of AMC/CMC year wise (excluding service tax) for three years after expiry of 2 year comprehensive warranty
31	Specimen Collection bottle (100/Pack)	As per Sec V				
32	Micropipette	As per Sec V				
33	Yellow tips for Micropipette	As per Sec V				
34	Microscope	As per Sec V				
35	Neuber Chamber	As per Sec V				
36	ESR stand with tube	As per Sec V				
37	TC-DC count apparatus	As per Sec V				
38	Sickling test Kit	As per Sec V				
39	Colorimeter	As per Sec V				
40	Centrifuge Machine	As per Sec V				
41	Weighing scale, infant (10kg)	As per Sec V				

Signature & Seal of the Bidder

Sl No	Name of the Item	Specification	Unit	Name of the Manufacturer/Make & Model	Price quoted inclusive of all Taxes (Door Delivery)	Cost of AMC/CMC year wise (excluding service tax) for three years after expiry of 2 year comprehensive warranty
42	Vulsellum Uterine	As per Sec V				
43	Cusco's/ Graves speculum vaginal bivalve	As per Sec V				
44	Sims retractor/depressor	As per Sec V				
45	Sims Speculum vaginal double ended ISS Medium	As per Sec V				
46	Uterine Sound	As per Sec V				
47	Cord cutting scissor	As per Sec V				
48	Foetal Doppler	As per Sec V				
49	Suction Machine	As per Sec V				
50	Ambu bag (Paediatric Size) with baby mask	As per Sec V				

Signature & Seal of the Bidder

SI No	Name of the Item	Specification	Unit	Name of the Manufacturer/Make & Model	Price quoted inclusive of all Taxes (Door Delivery)	Cost of AMC/CMC year wise (excluding service tax) for three years after expiry of 2 year comprehensive warranty
51	Dipsticks for urine test for protein and sugar	As per Sec V				
52	Interdental cleaning aids	As per Sec V				
53	Dental Probe	As per Sec V				
54	Universal Tooth Extractor	As per Sec V				
55	Torch	As per Sec V				
56	Tongue Depressor	As per Sec V				
57	Mouth Gag	As per Sec V				
58	Mouth Mirror	As per Sec V				
59	Tuning fork	As per Sec V				
60	Nasal Speculum (St. Claire's)	As per Sec V				
61	Ear Speculum – metallic, dull finish	As per Sec V				
62	Hobson – Horne probe	As per Sec V				

Signature & Seal of the Bidder

SI No	Name of the Item	Specification	Unit	Name of the Manufacturer/Make & Model	Price quoted inclusive of all Taxes (Door Delivery)	Cost of AMC/CMC year wise (excluding service tax) for three years after expiry of 2 year comprehensive warranty
63	Otoscope	As per Sec V				
64	Whole Blood finger prick HIV rapid test and STI screening test	As per Sec V				
65	Typhoid rapid test kit	As per Sec V				
66	Rapid test kit for hepatitis B & C	As per Sec V				
67	Glucometer with Strip and lancet	As per Sec V				
68	VIA Kit for screening cervical cancer	As per Sec V				
69	Snellen vision chart	As per Sec V				
70	Near vision chart	As per Sec V				

Signature & Seal of the Bidder