

OFFICE OF THE CHIEF DISTRICT MEDICAL AND PUBLIC HEALTH OFFICER: GANJAM
SUB- STORE, BRAHMAPUR

Letter No. 6339 /SS/ 2026

Brahmapur Dated. 13/05/2026

TENDER NOTICE

Sealed Tenders in prescribed format are invited from the Manufacturers/ Firms/ Companies/ Authorized Distributors/ Agents for supply of Medicines, Medical Consumables, Surgical Sutures, Laboratory Reagents, Laboratory Consumables, Instrument's, Equipment's, Furniture & Fixtures for Ganjam District out of 10% Fund, District Mineral Foundation Fund (DMF), NHM Fund, State Budget Fund, MP-LADS Fund, MLA-LADS Fund & Other Funds.

The Bidders should submit in two separate sealed packets i.e. one for Technical Bid and another for Financial Bid to be superscripted on the cover of the packets separately, and to be kept in a single cover which should be superscripted as Tender for Medicines, Medical Consumables, Surgical Sutures, Laboratory Reagents, Laboratory Consumables, Instrument's, Equipment's, Furniture & Fixtures for Ganjam District. The list of all the items with detail specification, eligibility criteria and Tender Terms and Conditions may be downloaded from District website <https://ganjam.odisha.gov.in/>.

The sealed Tender will be received through Speed Post/ Reg. Post only on or before 09.06.2026 till 5.00PM by CDM&PHO, Ganjam, Brahmapur and the said tender will be opened on 10.06.2026 at 11.00AM in presence of Bidders or their Authorized Representatives in the office of CDM&PHO, Ganjam and absence of any of them will not be bar to open the quotation. Tenders received incomplete or after the scheduled date & time shall be rejected.

Rate should be quoted for each item in F.O.R destination including all incidental charges, GST.

The undersigned has reserve right to reject any or all tenders without assigning any reason thereof. All legal disputes if any relating to the quotations are subject to Jurisdiction in the Court of Law situated at Brahmapur, Ganjam, Odisha only.


CHIEF DISTRICT MEDICAL &
PUBLIC HEALTH OFFICER
GANJAM, BRAHMAPUR

NOTICE INVITING PROPOSAL

Detailed proposals are invited for Manufacturers/ Firms/ Companies/ Authorized Distributors/ Agents for supply of Medicines, Medical Consumables, Surgical Sutures, Laboratory Reagents, Laboratory Consumables, Instrument's, Equipment's, Furniture & Fixtures for Ganjam District out of 10% Fund, District Mineral Foundation Fund (DMF), NHM Fund, State Budget Fund, MP-LADS Fund, MLA-LADS Fund & Other Funds.

1	Period of Availability of RFP Document	From <u>14.05.2026</u> to <u>09.06.2026</u> (Downloadable from district website: http://ganjam.odisha.gov.in)
2	Pre-Bid Meeting	<u>21.05.2026</u> at 12.30 pm.
2	Last date for submission of Proposal	<u>09.06.2026</u> Till 05.00 PM Address: O/o- CDM & PHO, GANJAM Gate Bazar Road, In front of City Hospital Berhampur-760001 <i>NB : Proposals should be submitted through Speed post / Registered post only</i>
3	Date, time and place of opening of Proposal and presentation	a) Technical Bid (Part A) opening: <u>10.06.2026</u> at 11.00 AM at Office of the CDM&PHO, GANJAM. b) Financial Bid (Part B): <i>The date of opening of financial proposals will be intimated by the CDM&PHO to the agency found successful in the technical proposal evaluation. (Bidders / authorized representative may remain present at the time of opening of proposal)</i>

TENDER TERMS AND CONDITIONS

1. 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.
2. Every page submitted by the tenderer should be numbered at the top & same page number should be put in the check list.
3. Rates quoted by bidders of Black listed manufacturing firms will not be considered & the Bidders should submit an under taking that the items manufactured by the firms quoted by them are not black listed.
4. Samples of medical consumables, Instruments and Equipment's will be verified before placing purchase orders if required.
5. **The bidders shall be solely responsible for checking these websites at least 5 days prior to closing date of submission of tender for any addendum/amendment issued subsequently to the bid document and take into consideration the same while preparing and submitting the bids.**
6. Bidders are advised to quote only for such items which meet the specification as per the Tender. Do not quote if it differs with regard to any parameter.
7. The actual quantity may vary from zero to the maximum required quantity during the contract. The quantity will be drawn from successful tenderers as and when required from time to time during the contract period.
8. During the validity of the tender, if the firm / Company is blacklisted/debarred/de-registered/banned by any State Government/ Central Government / Central or State Government's Drug procurement agencies / convicted by any Court of law in India, it shall be intimated to CDM&PHO, Ganjam along with relevant authentic document by the tenderer firm/ company within one month.
9. During tender or Rate Contract period, if L1 bidder is debarred/deregistered /blacklisted/ banned by any Central Government or State Government or its procurement agencies due to quality failure, CDM&PHO, Ganjam may purchase the approved items from other bidders at L1 rate or negotiated rate or may go for fresh tender as per discretion of CDM&PHO, Ganjam.
10. The Tenderer should confirm that they have read tender document including Amendment(s) to Tender document (if any) along with terms and condition and these terms and condition of tender document including Amendment(s) to Tender document (if any) are acceptable unconditionally to them.
11. During the contract period at any stage, if certificate submitted with their bid is found fabricated/forged/not complying products manufactured by manufacturing units having approval of the any agency for ISO/ CE/ EC/ FDA as declared in tender, penal action shall be taken as per the tender terms and condition and in addition to penal action, recovery shall be made (if any).
12. In determining the lowest evaluated price, the rate quoted per unit size for the given specification, inclusive of GST shall be taken into consideration. **The rates quoted should be in rupees and paise up to 2 digits.** The Tenderer is not permitted to change/alter specification or unit size given in Price Bid.

13. Purchase orders will be placed to Authorised Distributor and Bills can be raised by Authorised Distributor if specifically authorized by the Manufacturer.
14. The rate contract once approved should remain valid for one year from the date of approval. Prior to the expiry of the bid validity, the Tender Inviting Authority may request the Tenderers to extend the bid validity for further period as deemed fit on their original quoted prices and all terms & conditions
15. Rates (inclusive of customs duty, packing & forwarding charges, transportation, insurance and any incidental charges, and inclusive **GST** should be quoted for each of the required items on door delivery basis (at SDH, CHC's, PHC's & Sub-centers of Ganjam District) according to the unit ordered. Tender for the supply of items with cross conditions like "AT CURRENT MARKET RATES" shall not be accepted. Handling, clearing, transport charges etc., will not be paid separately. The delivery should be made as stipulated in the purchase order placed with Tenderers.
16. The price quoted by the tenderers shall not, in any case exceed the DPCO controlled price, if any, fixed by the Central/State Government, the Maximum Retail Price (MRP) and the selling price of the tenderer.
17. All supply should be made within the stipulated time of the Delivery Schedule and quantity as mentioned in the Purchase Order.
18. If the supply reaches the beyond the stipulated time as mentioned in PO/Bid document, liquidated damages will be levied at the rates 2% per week or part thereof, subject to maximum of 10% irrespective of the fact that whether the CDM&PHO, Ganjam has suffered any damage/loss or not, on account of delay in effecting supply.
19. If the supply is received in damaged condition it shall not be accepted. The supplier shall have to replace the goods with damage and the penalty equal to the penalty for unexecuted supplies will be levied for the damaged goods and payments will be withheld till proper replacement.
20. Non-performance of any of the contract conditions and provisions will disqualify a firm from participating in the tender for the next 2 years/ Blacklisting the tenderer.
21. Other conditions as mentioned in Tender Call Notice are applicable.

COMMON ELIGIBILITY CRITERIA

1. The Bidders should enclose attested copy of PAN card, GSTIN Certificate.
2. Tender document fee of Rs. **2,500/-** in shape of Demand Draft in favour of **“ZSS (MISC.) Account, Ganjam (30249462288), IFSC Code - SBIN0005753”** to be enclosed with tender paper which is non-refundable.
3. An Account Payee Demand Draft for Rs. **20,000/-** only as E.M.D. Money in favor of **“ZSS (MISC.) Account, Ganjam (30249462288), IFSC Code - SBIN0005753”** to be enclosed with tender paper who apply for Medicines, Medical Consumables, Surgical Sutures, Laboratory Reagents, Laboratory Consumables, Instrument's, Equipment's, Furniture & Fixtures, Computer, Peripherals & Electronics Devices which will be returned to the unsuccessful Bidder and D.D of successful Bidders will be returned after completion of one year.
4. Name & full address of the bidder may be written at the back of the Demand Draft.
5. Tender Paper Cost & EMD in any other form like **Cheque/cash/postal order/ online transfer etc. will not be accepted. The Bid (in case not exempted for EMD as mentioned in tender document) without EMD shall be summarily rejected.**

Note: Micro & Small Enterprise (MSE) are exempted from the payment of EMD as per MSEs Order, 2012 and policy Circular No. 1(2)(1)/2016-MA, Ministry of MS & ME dated 10th March 2016 if valid registration certificate from NSIC/MSME is submitted self-attested copy with Technical Bid for the product for which bidder has submitted quotation.

ELIGIBLE CRITERIA

FOR SUPPLY OF MEDICINES, MEDICAL CONSUMABLES & LAB. CONSUMABLES

1. The Bidder should be a Manufacturer or Authorised Distributor.
 - I. Manufacturer having:
 - a. Valid Up to date Manufacturing License.
 - b. Valid up to date GMP/ WHO GMP.
 - c. 3 Years' experience in supplying Drugs to Govt. / Corporate / PSU Hospitals in India duly supported by certificate from concerned District Authority and 2 Nos. of purchase order copy from the concerned authority to proof the supply for complete year
 - d. The manufacture must be USFDA/CE (IVD) certified (applicable for Lab. Reagents).
 - e. The manufacturer should be ISO 13485 certified (applicable for Lab. Reagents).
 - II. Authorised Distributors are also eligible if they submit the following documents:
 - a. Authorization from the Original Manufacturer for this tender.
 - b. Tenderer should have proof of 3 years' experience in supplying Drugs to Govt. / Corporate / PSU Hospitals in India duly supported by certificate from concerned District Authority and purchase order copy from the concerned authority for supply.
 - c. Valid Manufacturing License of the product quoted with latest license renewal certificate (**Note: If Manufacturing License for the quoted product is issued under "for export only" category will not be accepted.** Bidders shall submit dully attested copies of required manufacturing license and approved product list in support of above-mentioned condition and they are required to specify the quoted product in their approved product list by highlighting it.)
 - d. Approved product list as per the license issued for quoted drugs.
 - e. Valid up to date GMP / WHO GMP of the products quoted.
 - f. The manufacture must be USFDA/CE (IVD) certified (applicable for Lab. Reagents).
2. The Average annual turnover of the Bidder should be Rs. 3 Crores or more during the last three financial years (2022-23, 2023-24 & 2024-25). A certificate to this effect must be submitted from Chartered Accountant with valid UDIN number with signature and seal as per Annexure- VI.
3. The financial statements (Balance sheet, P&L/ I&E Account Cash flow statement (if applicable) for financial years 2022-23, 2023-24 & 2024-25 must be submitted.
4. The Income tax return (ITR) for last three financial years (2022-23, 2023-24 & 2024-25) of the bidder must be submitted.
5. Valid ISO & CE/ EC Certificate (if any).
6. An undertaking must be submitted on the items manufactured by the firms quoted by the bidders are not black listed.
7. An undertaking must be submitted on the Bidders/ Firm not Blacklisted by any Authority in a bond paper worth Rs. 20/- (Annexure-IV)

Terms and Conditions

For Supply of MEDICINES, MEDICAL CONSUMABLES & LAB. CONSUMABLES

1. Supply of medicines, medical consumables, as per the details of specifications as mentioned in Financial Bid.
2. All the Tablets/ Capsules must be supplied in Blister/ Aluminium Packing.
3. Atleast ½ (50%) shelf life should be there by the time it is received at the Drug Ware House.
4. At the time of supply the Supplier must submit a test report of the Batches being supplied from approved Laboratory that the supplied Medicines & Consumables are of standard quality.
5. The District Authority will also do random testing of the supplied medicines in NABL approved laboratory for which quality testing, packing & forwarding charges if any will be borne by the supplier in case of tender items.
6. The supply should be made in good packing condition & labeling “ODISHA GOVT. SUPPLY NOT FOR SALE”.
7. Tender has been called for in the **Generic name of drugs**. The composition, strength and packing of each product should be as per specifications given. Any variation, if found, will result in rejection of the tender

ELIGIBILITY CRITERIA
FOR MEDICAL INSTRUMENTS & EQUIPMENTS

1 Manufacturing units / Importers are eligible to participate in the tender provided, they have

- (i) Valid manufacturing license / Import License/ Medical Device License. Importers will have to furnish the authorization from the manufacturer.
- (ii) Valid ISO certificate.
- (iii) Product must be BIS/CE / US FDA etc Certified (As per **Section V** - technical specification).
- (iv) Tenderer should have proof of supply of ten (10) or more quoted model or similar model to any Govt. organization / Corporate Hospitals / PSU Hospitals / UN Agencies and certificate in support of that from the user in last 3 years. (Annexure VII)
- (v) Proof of Average annual turnover of the Bidder firm of Rs.3 Crore or more in last three (3) financial years in India (Annexure VI).
- (vi) Proof of compliance with IEC Certificate (As per **Section V** - technical specification) -Medical Electrical Equipments, particular requirement for Electrical Safety of the equipments.
- (vii) Proof of manufacturing these equipments from last 3 years at least (Certificate of Incorporation of the manufacturer / Registration Certificate.
- (viii) Manufacturing unit who has been blacklisted either by the Tender inviting authority or by any state Govt. or Central Govt. organization is not eligible to participate in the tender for that item during the period of blacklisting.

2. Authorized distributors are eligible to participate in the tender provided:

- (i) They submit manufacturer's authorization and power of attorney to transact business on behalf of the manufacturer as per the format at **Annexure - V**. The authorized distributor may raise bill, if specially authorized by the manufacturer.
- (ii) They should have proof of Average annual turnover of **Rs.3 Crore or more** in last three (3) financial years in India (as per Annexure VI).
- (iii) Tenderer should have proof of supply of quoted instruments/equipments to any Govt. organization / Corporate Hospitals / PSU Hospitals / UN Agencies and certificate in support of that from the user in last 3 years. (As per format Annexure VII Item wise).
- (iv) The authorized distributor will submit the following documents in support of the manufacturer along with the tender:
 - a) Valid ISO Certificate
 - b) Valid CE / US FDA etc of the manufacturer as per technical specifications Section

TENDER CONDITIONS

FOR SUPPLY OF MEDICAL EQUIPMENT

- 1) The details of the medical equipment's with specifications are mentioned in **Section-V. The firm must clearly mention their specification, special features, upgraded version (if any) in their tender.**
- 2) Rates inclusive of excise duty / customs duty, GST, packing, forwarding, insurance, transportation charges with onsite warranty should **be quoted for the Equipment's (Item wise) on door delivery basis. The turnkey job (cost of accessories if any for Installation/Commissioning), 3 year CMC cost & GST should be mentioned in separate columns.** The rates quoted should be in **Indian Rupees only.** Rates quoted in any other currency will not be accepted.
- 3) The purchaser shall be eligible for payment only after delivery and due verification, installation and commissioning of the equipment.
- 4) The rate per unit packing shall not vary with the quantum of order placed for destination point.
- 5) The price quoted by the tenderers shall not in any case, exceed the controlled price, if any, fixed by the Central / State Government and the Maximum Retail Price (MRP).
- 6) If at any time during the period of contract, the price of tendered item is reduced or brought down by any law or act of the Central or State Government or the tenderer, the tenderer shall be morally and statutorily bound to inform the C.D.M&P.H.O, Ganjam, Odisha immediately about such reduction in the contracted price. The C.D.M&P.HO, Ganjam, Odisha is empowered to unilaterally effect such reduction in rate in case the tenderer fails to notify or fails to agree for such reduction of rate.

COMPREHENSIVE WARRANTY & CMC :

(Undertaking as per **Annexure – XI & XII**)

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 C.D.M&P.H.O, Ganjam after installation.
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.

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.

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.

5. The selected firm should have a service center in Odisha.

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

TRAINING & OPERATIONAL MANUAL:

1. The firm / supplier will provide hands on training to two doctors and two technicians in his own cost for operating / handling the medical equipment's within 15 days of installation of equipment.

2. The supplier / firm will provide the operational / maintenance manuals and tools (if required) of all items, equipment's & turnkey to the consignee at the time of installation.

UPTIME GUARANTEE:

UP-TIME BALANCE:

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

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

DOWNTIME PENALTY CLAUSE:

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

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

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

SPARE PARTS:

The spare price list of all spares and accessories (including minor) required for maintenance and repairs in future after guarantee / warrantee period should be attached / enclosed along with the sealed quotation.

1. The tenderers are required to furnish the list of spares along with their cost in the financial Bid separately which will not be taken for evaluation.
2. Local agents / distributors quoting on behalf of the manufacturer / importer must attach the authority letter in their favour.

LOGOGRAMS AND LABELLING : Tenderer for the supply of medical equipments shall give an undertaking in his tender that he will print “**Govt. of Odisha Supply - Not For Sale**” in bold letters in indelible ink on the equipment.

EVALUATION:

1. The rates of the item quoted by the tenderer who qualify technically will be evaluated after taking the following points into consideration: -

- a) Rate of the medical equipment's will be taken after inclusion of the excise duty / customs duty, transportation, insurance, packing & forwarding & comprehensive warranty for two (2) years, cost of turnkey (cost of accessories if any for installation/commissioning) & CMC for next three(3) years but excluding GST.
- b) The cost of the medical equipment's (excise duty / customs duty, transportation, insurance, packing & forwarding & comprehensive warranty for two (2) years but excluding GST), cost of turnkey (cost of accessories if any for installation/commissioning with all taxes for turnkeys) & cost of CMC for next three(3) years after warranty will be added and the lowest responsive bidder will be selected.
- c) The circulars issued by the Finance Department, Govt. of Odisha from time to time regarding tax matters shall be taken into account for evaluation and shall be binding on the bidders.

LIQUIDATED DAMAGE :

1. The C.D.M&P.H.O/C.M.O may allow extension for a maximum period of 4 (four) weeks (28 days), after the stipulated date of supply (i.e. 60 days) with a penalty of 0.5% which will be deducted from the purchase order value as "Liquidated Damage", for each week (7 days) upto a maximum 2% on the value of the goods.
2. If the supplier fails to complete the supply within the extended period, i.e. 88 days after being allowed by the C.D.M&P.H.O, no further purchase order will be placed to the firm for the said item and the concerned firm will be blacklisted for two (2) years from the date of issue of letter for the said item.

TERMS OF PAYMENT :

1. No advance payments towards cost of medical equipment's or turnkey job will be made to the tenderer.
2. 95% of the cost of the equipment (**excluding CMC Cost**) + 100% turnkey job + 100% tax shall be paid to the supplier on receipt of the stock entry certificate, installation and demonstration of the item from the consignee. The balance 10% of the payment of equipment will only be made after receipt of certificate on working status of the equipment from the consignee after 6 weeks of installation and commissioning of the equipment for which, the supplier has to raise two bills

- (A) one for 95% of the cost of the equipment + 100% turnkey job + 100% taxes
(B) the other for balance 10% of the cost of the equipment.

3. Payments as mentioned above will only be made after keeping the **performance security deposit** from the supplier as per clause no. 7.1.1, if they have not deposited the same before. Payment will only be made after handing over the Agreement, undertaking, warranty papers of equipment and turnkey jobs to the consignee and a letter to this effect should be submitted to the payment authority from the consignee.
4. No claims shall be made against the C.D.M&P.H.O, Ganjam in respect of interest on earnest money deposit or security deposit or any delayed payment or any other deposit.
5. Payments will be preferably made in shape of **e-payment / on-line transfer** or made in shape of Cheque which will be be dispatched to the supplier by Registered post with A.D or may be handed over to the authorized person of the supplier.
6. The payment of CMC will be made on a six monthly basis, after completion of warranty period and signing of the CMC agreement.

PENALTIES:

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

Inspection /Testing :

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

TECHNICAL BID :

The following documents should be enclosed in Cover "A" (Technical Bid) by the tenderer. All the photocopies are to be Self Attested.

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.
2. List of Item (s) Quoted with name of the Make & Model of the item (s) (**Annexure – II**)
3. Details name, address, telephone no., Fax, e-mail of the manufacturer / authorized distributor / service center / contract person / office in Odisha (**Annexure - III**).
4. The declaration form in **Annexure - IV** duly signed by the tenderer before Notary Public / Executive Magistrate.
5. Manufacturer's Authorization Format in **Annexure –V** (In case the bidder is not the manufacturer)
6. Certificate duly filled by the Auditor / Chartered Accountant (as per **Annexure – VI**) that the average annual turnover of the tendering firm is Rs.3 Crore or more in the last 3 (three) financial years.
7. Performance Statement (**Annexure - VII) (Item wise)** during the last three years towards proof of supply of (10) or more quoted model or similar model 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.
8. Deviation/No Deviation Statement from Technical Specification & details of technical specification of the product (**Annexure-VIIIA**)
9. Leaflet/Technical Brochures of the product/item offered.
10. Copy of Valid Manufacturing License of the manufacturer (s) / Import License by the Importer (also to be submitted by the authorized distributor).
11. Copy of Valid ISO certificate.
12. Copy of Valid ISI / CE /US FDA certificate (as per Section V-Technical Specification).

13. Copy of Certificate in support of IEC certificate (as per Section V-Technical Specification).
14. Copy of valid GSTIN certificate.
15. Certificate in support of service center in Odisha or undertaking to set up service center in Odisha within one month from the date of installation if approved (for those who have no service centers in Odisha).

COVER – B (PRICE BID)

1. The tender format giving the quoted rate for medical equipment's 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.

2. The tender format (Price Schedule) in duplicate in the prescribed form (as per **Annexure – IX** hard copy and soft copy must be submitted in Cover-B. The price of the item should be quoted inclusive of excise duty, GST, insurance, packing, forwarding, freight (door delivery), warranty for 2 years. The price of CMC for 3 years, turnkey job (cost of accessories if any installation), GST (if any) should be quoted in a separate column for the selected items as applicable. The rate should be quoted for **each item** both in figures and words. **In case of difference in words and figures, words will be taken into consideration for evaluation.**

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

3. The Cover "B" of tenderers who qualifies in their technical bid, will only be opened at the office chamber of the C.D.M.&P.H.O, Ganjam by the C.D.M.&P.H.O Ganjam in the presence of the tenderers or their authorized representatives.

REJECTION OF TENDER

The tender paper will be rejected, if any of the following documents are wanting / not submitted with the tender:

- (i) Manufacturing license of the manufacturer / Import License.
- (ii) Manufacturing authorization in case of distributor/importer
- (iii) Earnest Money Deposit (EMD).
- (iv) Annual Average Turnover of Rs. 3 Crore or more (Manufacturer/ Authorised Distributors) in each year for preceding 3 financial years.
- (v) ITR for last three years (2022-23, 2023-24 & 2024-25)
- (vi) Valid ISO certificate.

- (vii) Valid ISI / CE / US FDA certificate as per Section V – Technical Specification.
- (viii) IEC Certificate as per as per Section V – Technical Specification.
- (ix) Proof of supply/ installation of (10) or more quoted model or similar model to any Govt. Organization / Corporate Hospitals / PSU Hospitals / UN Agencies and certificate in support of that from the user during the last three years.
- (x) Major deviations from the technical specification of the item(s) as per tender.
- (xi) Price bid / quoted rate with signature and seal (Hard Copy).

SECURITY DEPOSIT : (Performance Security)

The performance Security should be submitted in shape of Bank Draft from a Nationalised Bank in favour of “**ZSS (MISC.) Account, Ganjam (30249462288), IFSC Code - SBIN0005753**” /**Bank Guarantee** equal to the amount of 5% of the purchase order value of the selected item within 21 days of issue of the purchase order.

- The agreement (**as per Annexure – X**) will be signed between the supplier and the consignee / purchaser and will be kept by the consignee. A copy of the agreement will be kept by the purchasing authority. The agreement must be submitted before the payment is released.
- The Performance Security will be returned back to the tenderer without interest after the expiry of the warranty period from the date of installation & signing of the CMC agreement if applicable.
- Performance Security will be forfeited if there is any violation of the tender terms and conditions.

ANNEXURES

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

ANEXURE –I

CHECK LIST

(To be submitted in Cover A Technical Bid)

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

Please put ✓ in the respective box

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

1	Tender document Fee	Page No		Yes		No	
2	Earnest Money Deposit	Page No		Yes		No	
3	Photo copy of Drug License	Page No		Yes		No	
4	Photo copy of PAN	Page No		Yes		No	
5	Photo copy of GSTIN Certificate	Page No		Yes		No	
6	List of Item (s) – Annexure II	Page No		Yes		No	
7	Details of Bidder (in details (Annexure III)	Page No		Yes		No	
8	Declaration form (Annexure -IV) by the Tenderer	Page No		Yes		No	
9	Manufacturer's Authorization Format (Annexure – V)	Page No		Yes		No	
10	Proof of avg. annual turnover of Rs. 3 Crore or more for preceding 3 financial years (Annexure - VI)	Page No		Yes		No	
11	Proof of the last three years of Income Tax Return (ITR)	Page No		Yes		No	

12	Performance Statement (Item wise) during the last three year (Annexure -VII)	Page No		Yes		No	
13	Copies of Purchase order (Item wise) in support of the performance statement	Page No		Yes		No	
14	Deviation/No deviation Statement (Item wise) & details of technical specification (Annexure –VIII)	Page No		Yes		No	

Sl. No .	Name of the Manufacturers	Copy of Manufacturing License/ import license	Copy of Manufacturer's Authorization letter	Proof copy of valid up to date GMP certificate	Proof copy of valid up to date WHO GMP certificate	Copy of valid up to date ISO & CE/EC certificate	Remarks
		Page No.	Page No.	Page No.	Page No.	Page No.	
1							
2							
3							
4							
5							

Annexure II

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

LIST OF ITEM(S) QUOTED

Sl.	Name of Item(s)	Name of Manufacturer	Make	Model Name

Signature of the Tenderer:

Date:

Official Seal:

ANNEXURE – III

(To be submitted in Cover A -Technical Bid)

DETAILS OF THE TENDERER & LOCAL CONTACT PERSON

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

Signature of the Tenderer:

with seal

Date :

Official Seal :

ANNEXURE – IV

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

(in stamp paper worth Rs. 20/-)

DECLARATION FORM

I / Wehaving My / our
.....office
at..... do declare that I / We have carefully read all the terms &
conditions of tender of the CDM&PHO, Ganjam Odisha for the supply of tendered items. 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 declared that I/We have not been de-recognised / black listed by any
State Govt. / Union Territory / Govt. of India / Govt. Organization / Govt. Health Institutions.

I/We further declare that the items manufactured by the firms and quoted by us are not black
listed by any State Govt. / Union Territory / Govt. of India / Govt. Organization / Govt. Health
Institutions.

Signature of the bidder :

Seal

Date :

Name & Address of the Firm:

ANNEXURE – V

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

MANUFACTURER’S AUTHORISATION FORMAT

To

The CDM&PHO, Ganjam
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 _____(Distributor/Agent) for sale of our manufacturing equipments
2. We confirm that Messrs. ----- (name of the above distributor/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 as 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** 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.

ANNEXURE – VI

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

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

ANNUAL TURN OVER STATEMENT

The Annual Turnover of M/s _____ for the last 3 years are given below and certified that the statement is true and correct.

Sl. No.	Year	Turnover in Crores (Rs.)
1.	2022 - 2023	-
2.	2023 - 2024	-
3.	2024 - 2025	-

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

UDIN No:

Note:

- a) To be issued in the **letter head** of the Auditor.

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

Annexure VII

PROFORMA FOR PERFORMANCE STATEMENT

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

Sl. No.	Order placed by (Address of purchaser) (attach documentary proof)*	Order no. & Date	Tender Quoted Items Supplied (Yes/No)	Satisfactory completion certificate from the appropriate authority (Purchaser)
1				
2				
3				
4				

Signature and seal of the Tenderer

* The documentary proof will be **copies of the purchase order** (during the last 3 years) indicating Contract No. and date.

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

Annexure VIII

STATEMENT REGARDING DEVIATIONS FROM TECHNICAL SPECIFICATIONS (IF ANY)

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

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

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

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

Signature of the bidder :

Seal Date :

Name & Address of the Firm:

ANNEXURE

(To be submitted in COVER B - PRICE BID)

ANNEXURE-IX

**To be submitted in Cover B – Price Bid
TENDER FORMAT (PRICE SCHEDULE)**

Sl No.	Drug Code	Name of the Item	Specification	Unit / Pack size	Name of the Manufacturing Firm (With Make & Model)	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>	<i>7</i>	<i>8</i>	<i>9</i>

Signature of the Bidder:

Name

Date :

Place :

Seal

ANNEXURES

(Agreement, Warranty and CMC Undertaking)

ANNEXURE – X

AGREEMENT

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

BETWEEN

Name of the Supplier
with full address

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

AND

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

_____ / THE CONSIGNEE
Hereinafter called the “PURCHASER” _____ as 2nd Party.

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

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

Name of the Item:

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

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

Description of goods:

Offered Price

Total

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

1. Insurance
2. Freight
3. Transportation
4. Customs duty / Excise duty/GST
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 Equipment's etc. will be made to the tenderer. No payment will be made to the supplier if he has not deposited the unconditional performance security in shape of Bank draft amounting to 10% of the purchase order value which will be deposited in NPCDCS (SBI A/C No. 33880796933) with the warranty for 2 years agreement to the consignee.

95% of the cost of the equipment (excluding CMC Cost)+100% turnkey +100% GST shall be released to the supplier on receipt of stock entry certificate and installation certificate (that it is working) from the consignee. The remaining ten percent (10%) will be released after satisfactory working certificate received from the consignee after 6 weeks of installation subject to submission of performance security (10% of P.O. Value). For this purpose the supplier will submit two bills, one 95% of the cost of the equipment+100% turnkey +100% tax and the other for the remaining ten percent (10%) of the cost of the equipment.

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

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

TURNKEY JOB:

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

UP-TIME BALANCE :

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

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

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

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

For 2 years warranty = 8322 x2 = 16644Hours

Any uptime less that specified above will be compensated by the Supplier(s).

The consignee shall maintain a log-book in the format provided by the Supplier(s) which will indicate usage of the equipment every day and for calculation of up-time.

DOWNTIME PENALTY CLAUSE:

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

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

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

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 3rd year onwards duly signed by authorized signatories for the execution at appropriate time (Annexure – X & XI).

SPARE PARTS :

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

COMPREHENSIVE WARRANTY :

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

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

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

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

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

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

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

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

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

INSURANCE :

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

PACKAGING :

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

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

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

PENALTIES :

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

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

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

ARBITRATIONS :

In the event of any dispute out of the contract, such dispute should be subject to the Jurisdiction in the Court of Law situated at Brahmapur, Ganjam, Odisha only.

CHANGE OF TERMS AND CONDITIONS :

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

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

Executed by Purchaser (s) / Consignee

Executed by Supplier(s)

In presence of (Witness)

In presence of (Witness)

ANNEXURE – XI

**WARRANTY / GUARANTEE /CMC UNDERTAKING
(to be submitted on Rs.20/- 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 (onsite warranty followed by 3 years CMC (Spares + Labour) as per this tender
- ii. I / we will not charge / quote any extra price on account of the above said warranty / guarantee.
- iii. I / we do accept / agree to provide uptime guarantee 95% as per this tender clause No. 13.1.
- iv. The onsite comprehensive warranty is valid from dt. _____ to dt. _____.
- v. The 3 year CMC is valid from dt. _____ to dt. _____.

Date:
authority

Place:

Signature of the competent

on behalf of the company / firm.

Seal of the firm.

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

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

ANNEXURE – XII
UNDERTAKING

(to be submitted on Rs.20/- 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 onsite warranty 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.

LIST OF MEDICINES, MEDICAL CONSUMABLES, SURGICAL SUTURES & BMW MANAGEMENT ARTICLES

Sl No.	Drug Code	Name of the Item	Specification	Unit Pack	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
1	2	3	4	5				
1	D07014	Susp. Phenytoin (Palatable, with measuring cap and plastic container as per I.P)	30mg / ml	200 ml/Bottle 20 Bottles/Box				
2	D09003	Susp. Cotrimoxazole (With Measuring Cap n Palatable, plastic container as per IP)	(Trimethoprim 40mg + Sulphamethoxazole 200mg)/5 ml	50 ml/Bottle 20 Bottles/Box				
3	D09016	Tab. Erythromycin Stearate (Equiv.to Erythromycin 250 mg)	250 mg/Tab	10 Tabs/Strip 10 Strips/box				
4	D09022	Cap. Tetracycline (Aluminium Foil/Blister pack)	250 mg/Cap	10 Tabs/Strip 10 Strips/box				
5	D09025	Tab. Cephalexin (Disp. Scored Tab.) (Aluminium foil/Blister pack)	250 mg/Tab	10 Tabs/Strip 10 Strips/box				
6	D09059	Tab. Roxithromycin (Disp. Tab.) (Aluminium foil/Blister pack)	50 mg/ Tab	10 Tabs/Strip 10 Strips/box				
7	D09036	Susp. Roxithromycin (With Measuring Cap & Palatable, Plastic container as per IP)	50 mg/5ml	60 ml/Bottle 20 Bottles/Box				
8	D09056	Inj. Ampicillin Sodium (with diluents in plastic container)	Equivalent to 250 mg of anhydrous Ampicillin/Vial	250mg/Vial 20 Vials/Box				
9	D09065	Tab. Cotrimoxazole (Disp. Tab.) (Aluminium foil/Blister Pack)	TMP 20mg + SMZ 100mg / Tab	10 Tabs/Strip 10 Strips/box				
10	D09070	Cap. Tetracycline (Aluminium foil/Blister pack)	500 mg/Cap	10 Tabs/Strip 10 Strips/box				
11	D09074	Tab. Erythromycin Esteolate(Equiv.to Erythromycin 500 mg)	500 mg/Tab	10 Tabs/Strip 10 Strips/box				
12		Syrup Clarithromycin	125Mg/ 30Ml	20 Bots / Box				
13	D09104	Cefadroxil Drop(Palatable, with dropper and plastic container as per I.P)	100mg/ml	10ml/Bottle 20 Bottle /Box				
14	D09110	Tab. Cotrimoxazole Paediatric (Aluminium foil/Blister pack)	TMP 40mg + SMZ 200mg / Tab	10ml / Bottle 20 Bottles/Box				
15	D09114	Tab. Ciprofloxacin HCl (Dispersible Tablet) (Aluminium foil/Blister pack)	125 mg/Tab	10 Tabs/Strip 10 Strips/Box				
16	D11001	Inj. Streptomycin	Each vial shall contain Streptomycin Sulphate IP equivalent to Streptomycin 750Mg	0.75Gm/ Vial 20 Vials /Box				
17	D12016	Whitfield's Ointment	2:1 ratio, 6% w/w Benzoic Acid 3% w/w Salicylic Acid	50 gm/Tube 20 Tubes/Box				
18	D13001	Tab. Tinidazole (Coated) (Aluminium Foil/Blister Pack)	300 mg/Tab	10 Tabs/Strip 10 Strips/box				
19	D13002	Susp. Tinidazole (Oral Susp.) (With Measuring Cap & Palatable, Plastic container as per IP)	150 mg/5 ml	60 ml/Bottle 20 Bottles/Box				
20	D14001	Tab. Chloroquine Phosphate (Coated) (Aluminium Foil/Blister pack)	250 mg/Tab (coated) equivalent to 155 mg Chloroquine	10 Tabs/Strip 10 Strips/box				

Sl No.	Drug Code	Name of the Item	Specification	Unit Pack	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
1	2	3	4	5				
21	D14002	Syp. Chloroquin Phosphate (With Measuring Cap & Palatable, Plastic container as per IP)	80 mg of Chloroquin phosphate/5ml(with measuring cap and palatable) OR Chloroquine 50mg/5ml	60 ml/bottle 20 Bottles/Box				
22	D14004	Tab. Quinine Sulphate (Coated) (Aluminium foil/Blister pack)	300 mg/Tab	10 Tabs/Strip 10 Strips/box				
23	D14005	Inj. Quinine Di-Hydrochloride	300 mg/ml	2 ml/Amp 20 Amps/Box				
24	D14007	Tab. Artesunate (Aluminium foil/Blister pack)	50 mg/Tab	4 Tabs/Strip 10 Strips/Box				
25	D14010	Susp. Quinine Sulphate (With Measuring Cap&Palatable,plastic container as per I.P)	150 mg/5 ml	60ml/Bottle 20 Bottles/Box				
26	D14017	Tab. Primaquin Phosphate (Coated) (Aluminium foil/Blister pack)	4.35 mg of Primaquin Phosphate equivalent to 2.5 mg Primaquin	10 Tabs/Strip 10 Strips/box				
27	D14019	Tab. Sulphadoxine + Pyrimethamine (Aluminium Foil/ Blister Pack)	(Sulphadoxine 500 mg + Pyrimethamine 25 mg)/Tab	2 Tabs /Strip 10 Strips /Box				
28	D14023	Tab. Anti-Malarial Combipack (Blister Pack) Infant less than 1 year	Each Row - No. of tablets First Row (Day 1): One tablet of Artesunate (i.e. 1 tablet of 25mg) and one tablet of Sulphadoxine and Pyrimethamine (250mg + 12.5mg) Second Row (Day 2): one tablet of Artesunate 25mg Third Row (Day 3): one tablet of Artesunate 25mg	25 FDCs / Box				
29	D14024	Tab. Anti-Malarial Combipack (Blister Pack) Children 1 - 4 years	Each Row - No. of tablets First Row (Day 1): One tablet of Artesunate (i.e. 1 tablet of 50mg) and one tablet of Sulphadoxine and Pyrimethamine (500mg + 25mg) Second Row (Day 2): one tablet of Artesunate 50mg Third Row (Day 3): one tablet of Artesunate 50mg	25 FDCs / Box				
30	D14025	Tab. Anti-Malarial Combipack (Blister Pack) Children 5 - 8 years	Each Row - No. of tablets First Row (Day 1): One tablet of Artesunate (i.e. 1 tablet of 100mg) and one tablet of Sulphadoxine and Pyrimethamine (750mg + 37.5mg) Second Row (Day 2): one tablet of Artesunate 100mg Third Row (Day 3): one tablet of Artesunate 100mg	25 FDCs / Box				
31	D14026	Tab. Anti-Malarial Combipack (Blister Pack) Children 9 - 14 years	Each Row - No. of tablets First Row (Day 1): One tablet of Artesunate (i.e. 1 tablet of 150mg) and two tablets of Sulphadoxine and Pyrimethamine (500mg + 25mg) each Second Row (Day 2): one tablet of Artesunate 150mg Third Row (Day 3): one tablet of Artesunate 150mg	25 FDCs / Box				

Sl No.	Drug Code	Name of the Item	Specification	Unit Pack	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
1	2	3	4	5				
32	D38013	Tab. Anti-Malarial Combipack (Blister Pack) (Adults 15 year and above)	Each Row - No. of tablets First Row (Day 1): One tablet of Artesunate (i.e. 1 tablet of 200mg) and two tablets of Sulphadoxine and Pyrimethamine (750mg + 37.5mg) each Second Row (Day 2): one tablet of Artesunate 200mg Third Row (Day 3): one tablet of Artesunate 200mg	1 Kit / Box				
33	D09043	Syp. Diethylcarbamazine Citrate (PET Bottle) (With Measuring Cap & Palatable, plastic container as per I.P)	50 mg /5 ml	100 ml/Bottle 20 Bottles/Box				
34	D09097	Syp. Diethylcarbamazine Citrate (Palatable, with measuring cap and plastic container as per I.P) Amber colour bottle	100mg / 5ml	100 ml/Bottle 20 Bottles/Box				
35	D09001	Tab. Diethylcarbamazine Citrate IP (Aluminium Foil)	50 mg / Tab	10 Tabs/Strip 10 Strips/box				
36	D16028	Tab. Ethamsylate (Aluminium foil/Blister pack)	250mg / Tab.	10 Tabs/Strip 10 Strips/box				
37	D21003	Tab. Dried Alu. Hydroxide + Mag Hydroxide +Methyl Polysiloxane (Antacid) (Aluminium foil/Blister pack)	(Alu. Hydroxide 250mg + Mag Hydroxide 250mg + Methyl Polysiloxane 50mg) / Tab. (Mint Flavour)	10 Tabs/Strip 10 Strips/box				
38	D25010	Sulphacetamide Eye Drop	10% (Plastic Container, FFS Vials, Single Unit)	10 ml/vial 20 Vials/Box				
39	D26003	Tab. Methylergometrine Maleate (Aluminium foil/Blister pack)	0.125 mg/Tab	10 Tabs/Strip 10 Strips/Box				
40	D30002	Cap. Vit A (Alluminium Foil/Blister Pack)	50,000 IU/Cap (Soft Gelatine Capsules)	10 Tabs/Strip 10 Strips/box				
41	D30010	Tab. Riboflavin (Aluminium Foil/Blister Pack)	10 mg/Tab	10 Tabs/Strip 10 Strips/box				
42	D30023	Vit. E Drop (Palatable, with dropper and container as per I.P)	50mg/ml	15ml / Bottle 20 Bottles/Box				
43	D31026	Borax Glycerin	12% w/v of Borax	50 ml/Bottle 20 Bottles/Box				
44	S02003	Disposable sterilised Needles in blister pack	20 G - 24 G, IS No: 10654: 2002, ISO: 7864.1993 As Per Drugs & Cosmetics Act 1940 with CE certification	50 Pieces In One Box.				
45		Inj. Estradiol benzoate 1mg + Estradiol Phenylpropionate 4 mg + Testosterone propionate 20mg + Testosterone Phenylpropionate 40mg + Testosterone isocaproate 40 mg/1 mL.		Each				
46		Tab. Ethinyl Estradiol 0.004 mg + Methyltestosterone 3.6mg.		10 Tabs/ Strip 10 Strips/ Box				
47		Oint Methyl Salicylate	Menthol-6%, Methyl Salicylate-14%	500 Gm/ Jar 20 Jar/ Box				

Sl No.	Drug Code	Name of the Item	Specification	Unit Pack	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
1	2	3	4	5				
48		Digital X-Ray Cassette with IP (KONICA)	8" x 10"	Each				
49		Digital X-Ray Cassette with IP (KONICA)	10" x 12"	Each				
50		Digital X-Ray Cassette with IP (KONICA)	14" x 17"	Each				
51		Tab. Azilisartan	40 Mg	10 Tabs/ Strip				
52		Tab. Azilisartan	80 Mg	10 Tabs/ Strip				
53		Tab. Lisinopril	5 Mg	10 Tabs/ Strip				
54		Suture Prolone	3.0 for hand circle/curve cutting needle	Each				
55		Suture Prolone	2.0 for hand circle/curve cutting needle	Each				
56		Suture Prolone	4.0 for hand circle/curve cutting needle	Each				
57		Inj. Phenargon	-	Each				
58		Hydrochloride Cough Syrup	200 MI/ Bot	Each				
59		Stitch 10-0 (double needle)		Each				
60		Inj. Xylone 4% (Topical)	30 MI/ Vial	Each				
61		Inj. Pilocarpin	1MI/ Vial	Each				
62		VISCO Elastic	5MI/ Vial	Each				
63		Isotmic Balanced salt Solution	250MI/ Bot	Each				
64		Tab. Formaloine	-	10 Tabs				
65		Chlorohexadine Gluconate cetrime & isopropyl alcohol solution liquid soap	-	Each				
66		Syp. Nevirapiene	Bottle	Each				

Sl No.	Drug Code	Name of the Item	Specification	Unit Pack	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
1	2	3	4	5				
67		Indelible Marker Pen	<p>Usable for minimum impressions on 250 children under Pulse Polio Programme.</p> <p>The impression put on the finger of children should last at least 7days from the day of marking.</p> <p>Shelf life of the pen should not be less than three months from the date of supply and minimum 15days from the opening of the marker Pen.</p> <p>The indelible marker pens should be reliable, non-toxic and safe for use on children for finger marking.</p> <p>Colour: Violet, later on with time it should become black.</p> <p>Type of ink should be florescent water based.</p> <p>Line width should be minimum 2mm.</p> <p>It should produce instant impression on the nail as well as on the skin.</p>	Each				
68		Anaphylaxis Kit (Each Kit contains):	<p>1 Plastic Box 01nos Made up of thermoplastic Plastic attachable fixed lid. Colour: Transparent white. Should not be affected by normal extremes of heat or cold, Puncturing proof. Box Should be labelled as "ANAPHYLAXIS KIT" on top in bold letters. Size:15cm(Length) × 10cm(Breath) × 04cm(Height)</p> <p>3 Inj Adrenaline 3nos. Strength (1:1000) Quantity: 1ml</p> <p>4 Insuline Syringe 3nos. Syringe should contains 40Unit without fixed needle</p> <p>5 Needle 3nos. 24/25G of one inch length</p> <p>6 Cotton Swab 3nos. High absorbing ability, Sterilized, available in air tight packing, 100% Pure Cotton, White in colour, Minimum weight 10gm</p> <p>7 Dose Chart, Symptoms Hand outs, Certification copy 01no each A4 Size 70-80 GSM Paper with both side printing</p>	Each Kit				
69		Sanitizer Sprayer (Empty Bottle)	<p>Cylindrical bottle made up of thermoplastic Plastic (or LDPE or PET) detachable trigger pump spray lid thread fitting, adjustable nozzle delivers which is filled with 500ml Isopropyl alcohol 70%.</p> <p>Note: Isopropyl alcohol 70% should not causing skin irritation or allergies</p> <p>Colour: Transparent white. Puncturing proof.</p> <p>Label includes considerations such as: Content, Batch number and expiry date, Directions for use, Warnings, and Storage considerations. Label should be in English language Minimum Size:19cm(Height) × 23cm(Diameter)</p>	Each				
70		AEFI Kit	<p>1. Plastic Box 01nos made up of thermoplastic Plastic with lid. Box should be labelled as "AEFI KIT" on top in bold letters.</p> <p>2. Inj. Adrenaline 3 Nos. Strength (1:1000)</p> <p>3. Insulin Syringe 3 Nos. Syringe should contains 40Unit without fixed needle</p> <p>4. Cotton</p> <p>5. Inj. Dexamethasone Sodium Phosphate 2 ml/Amp</p> <p>6. Tab. Paracetamol 500Mg-1 Strip</p> <p>7. Intravenous Set (IV Set) (Adult)</p> <p>8. Intra Cath (IV Cannula) (Adult)</p> <p>9. Micropore</p> <p>10. Inj. NS, RL & D5%.</p>	Each Kit				
71		Vial Opener/ Ampule Cutter	SS Blade, Multiuse glass Ampule cutter with diamond cutting technology	Each				
72		Dose Chart, Symptoms Hand outs, Certification copy	A4 Size 70-80 GSM Paper with both side printing	Each				

Sl No.	Drug Code	Name of the Item	Specification	Unit Pack	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
1	2	3	4	5				
73		Tab. Ascorbic acid 500mg + Vitamine D3 400IU + zinc 150mg	-	10 Tabs/Strip 10 Strips/Box				
74		Tab. Norfloxacin 500mg + Metronidazole 400mg + LB	-	10 Tabs/Strip 10 Strips/Box				
75		Tab. Clofazimine	100Mg	10 Tabs/ Strip				
76		Tab. Clofazimine	50Mg	10 Tabs/ Strip				
77		Tab. Isoniazid	100 Mg	10 Tabs/ Strip				
78		Tab. Isoniazid	300 Mg	10 Tabs/ Strip				
79		Tab. Isoniazid	75 Mg	10 Tabs/ Strip				
80	D11002	Cap. Rifampcin	150 Mg	10 Tabs/ Strip				
81		Blood Collection Bag CPD-A1	350 MI	Each				
82		Hydrochloride Cough Syrup	200 MI/ Bot	Each				
83		Dose Chart, Symptoms Hand outs, Certification copy	A4 Size 70-80 GSM Paper with both side printing	Each				
84		Tab. Norfloxacin 500mg + Metronidazole 400mg + LB	-	10 Tabs/Strip 10 Strips/Box				
85		Disposable Syringe	0.5MI	Each				
86		Schiotz Tonometer with 3 Weights and Plunger for IOP	Size-9 x 19 x 4 cm; 200 Grams	Each				
87	D11045	Tab. Pyrazinamid	150 Mg	10 Tabs/Strip 10 Strips/box				
88		Tab. Ethambutol	100 Mg	10 Caps/Strip 10Strips/Box				
89		Tab. Ethambutol	200 Mg	10 Caps/Strip 10Strips/Box				
90	D11044	Tab. Ethionamide	125 Mg	10 Caps/Strip 10Strips/Box				
91		Tab. Ethionamide	150 Mg	10 Caps/Strip 10Strips/Box				
92	D11024	Tab. Ethionamide	250Mg	10 Caps/Strip 10Strips/Box				
93		Inj. Kanamycin	1 Gm	20 Vials/Box				

Sl No.	Drug Code	Name of the Item	Specification	Unit Pack	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
1	2	3	4	5				
94	D09178	Tab. Nalidixic acid (Aluminium foil/Blister pack)	500mg / Tab.	10 Tabs/ Strip 10 Strips/ Box				
95	D13011	Ornidazole Infusion, (FFS Plastic Container)	500mg/100ml	20 Ph.				
96	D17016	Cap. Nifedipine (Soft gelatin capsule)(Aluminium foil/Blister pack),	5 mg/Cap	10 Caps/ Strip 10 Strips/ Box				
97	D26012	Tab. Mifepristone (Aluminium Foil/Glycine Poly Foil/Blister pack)	200mg/Tab.	10 Tabs/ Strip 10 Strips/ Box				
98	D26046	MMA Kit	EACH COMBI PACK (MMA KIT) CONTAINS : TAB. MIFEPRISTONE - 200MG (1 TABS) AND TAB. MISOPROSTOL 200MCG (4 TAB.)	Kit				
99	D33219	Chlorhexidine Gluconate solution (mouth wash)	0.2 percentage w/v, 100MI	20 Bots/ Box				
100	S01072	Catgut Chromic Atraumatic	Size:-2-0, length: 76cm, 1/2 Circle Round Bodied (45 mm needle) U.S.P, with CE certification (Not Mandatory)	12 Foils/Box.				
101	S02014	Surgical Needles	Suture Needles, Straight Cutting Needle different sizes 6 to 10	Each				
102	S02015	Surgical Needles	Suture Needles, Curved Cutting Needle different sizes 6 to 10	Each				
103	S02414	Leucocyte	removal filter for Red blood transfusion	Each				
104		Inj. Methyldopa		20				
105		Tab. Misoprostal	25Mcg	10 Tabs/ Strip 10 Strips/ Box				
106		Benzocaine Gel	30 Gm Tube	20 Tube/ Box				
107		Pera Safe (Medical Instrument Sterilent)	1 Liter	Each Bot				
108		Ulcer Kit	Antiseptic lotion ((Chlorhexidine Gluconate + cetrimid + Isopropyl Alcohol IP 0.3 w/v 100 ml/Bottle)), Povidine Iodine Ointment (5% w/w, 15Gm Tube), Antimicrobial lotion (10% W/v 100 MI Bot), Roller Bandage (4 mt. x 6 cm, 15-863/88, 150 threads/d, (min) pack of 85 threads/ dm (min) Mass 57*/m3cm)) (4 Rolls),	Each Kit				
109		Self Care Kit	Plastic Tub (Minimum 30 Ltr volume and one ft height), Plastic Mug (Minimum one Litre capacity), Cotton Towel (Minimum 1.5 ft x 1.5 ft), Moisturizing cream / oil (Vaseline) 50gm, Foot Scraper (6 cm x 4 cm scrapping surface)	Each Kit				
110	D11049	4 FDC (A) - Tab. Isoniazid + Rifampcin + Pyrazinamide + Ethambutol	Tab. Isoniazid 75Mg + Rifampcin 150Mg + Pyrazinamide 400Mg + Ethambutol 275Mg	Each Kit				
111	D11050	3 FDC (A) - Tab. Isoniazid + Rifampcin + Ethambutol	Tab. Isoniazid 75Mg + Rifampcin 150Mg + Ethambutol 275Mg	Each Kit				
112	D11051	Tab. 3 FDC Paediatrics	Isoniazid 50mg + Rifampicin 75mg + Pyrazinamide 150mg	Each Kit				

Sl No.	Drug Code	Name of the Item	Specification	Unit Pack	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
1	2	3	4	5				
113	D11052	Tab. 2 FDC Paediatrics	Isoniazid 50mg + Rifampicin 75mg	Each Kit				
114		Tab. FDC	Isoniazid 300mg + Rifampicin 300mg					
115	D25084	Polymyxin B & Chloramphenicol & Dexamethasone Drops	polymyxin B sulphate 5000 dexamethasone sodium phosphate 1 mg (Eye/Ear)	5ML/ Vial 20 Vial/ Box				
116	D25068	Betamethasone Eye Drop	0.3% w/v	5ML/ Vial 20 Vial/ Box				
117	D16076	Tab. Phytomenadione	10 Mg	10 Tabs/ Strip 10 Strips/ Box				
118	D07011	Pehenobarbitone Oral Suspension (palatable, with measuring cap & plastic container as per IP)	200Mg/ 5ML	60ML/ Bot 20 Bot/ Box				
119	D07001	Tab. Phenobarbitone (aluminium Foil/ Blister Pack)	30 mg/ml	10 Tabs/ Strip 10 Strips/ Box				
120		Plastic Tray	Size- 42cm x 30cm x 9cm, food grade quality with food grade symbol, one colour	Each				
121		Tab. Bedaquiline	100 Mg	10 Tabs/ Strip 10 Strips/ Box				
122		Tab. Pretomanid	200 Mg	10 Tabs/ Strip 10 Strips/ Box				
123		Tab. Rifapentin	150 Mg	10 Tabs/ Strip 10 Strips/ Box				
124		Tab. Rifapentin	300 Mg	10 Tabs/ Strip 10 Strips/ Box				
125		Polyglactin with cutting Needle	Size -1-0	12 Foils/Box				
126		Super Oxidize Solution	-	20 Bots/ Box				
127	LD0575	Cap.Pre Pro biotic protons		10 Caps/Strips 10 Strips/ Box				
128	D33201	Tab. Methotrexate	15 Mg	10 Tabs/Strips 10 Strips/ Box				
129		Pedastal Bin (Green, Blue & Black)	120 Litres, HDPE Material, Foot operating system for opening lid, Color waste Bio-hazard printed logo, government of Odisha supply	Each Bin				
130		X-Ray Cassette with intensifying Screen (Fuji)	15" x 12"					
131		X-Ray Cassette with intensifying Screen (Fuji)	12" x 12"					
132		X-Ray Cassette with intensifying Screen (Fuji)	12" x 10"					
133		X-Ray Cassette with intensifying Screen (Fuji)	10" x 8"					
134		X-Ray Cassette with intensifying Screen (CARESTREAM)	15" x 12"					

Sl No.	Drug Code	Name of the Item	Specification	Unit Pack	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
1	2	3	4	5				
135		X-Ray Cassette with intensifying Screen (CARESTREAM)	12" x 12"					
136		X-Ray Cassette with intensifying Screen (CARESTREAM)	12" x 10"					
137		X-Ray Cassette with intensifying Screen (CARESTREAM)	10" x 8"					
138		X-Ray Cassette with intensifying Screen (KONICA)	15" x 12"					
139		X-Ray Cassette with intensifying Screen (KONICA)	12" x 12"					
140		X-Ray Cassette with intensifying Screen (KONICA)	12" x 10"					
141		X-Ray Cassette with intensifying Screen (KONICA)	10" x 8"					
142		Digital X-Ray Film (KONICA SDE Type)	8" x 10"	125 Films/ Pcket				
143		Digital X-Ray Film (KONICA SDE Type)	10" x 12"	125 Films/ Pcket				
144		Poliyamide	1-0	12 Foils/Box.				
145		Poliyamide	2-0	12 Foils/Box.				
146		Poliyamide	3-0	12 Foils/Box.				
147		Poliyamide	4-0	12 Foils/Box.				
148		Pera Safe (Medical Instrument Sterilent)	1 Liter	Each Bot				
149		Morbidity Management and Disability Prevention (MMDP Kit) Kit	Plastic Tub- 1 No. (Minimum 30 Ltr volume & 1ft Height), Plstic Mug- 1 No. (Minimum 1 Ltr Capacity), Soap- 2 Nos. (Minimum 125Gm), Cotton Towel- 6 Nos. (Minimum 1.5Ft x 1.5Ft.)	Each Kit				
150		Polyamide No.3-0	Size-- 3-0Monofilament Polyamide Black Sterilised Surgical Needled Suture, Non absorbable Surgical Suture , 3/8 circle, Reverse Cutting 26mm needle, 70cm, U.S.P,with CE certification	12 Foils/Box.				
151		Polymyxin B & Chloramphenicol & Dexamethasone Drops	polymyxin B sulphate 5000 dexamethasone sodium phosphate 1 mg (Eye/Ear)	5MI/ Vial 20 Vial/ Box				
152		Betamethasone Eye Drop	0.3% w/v	5MI/ Vial 20 Vial/ Box				
153		Tab. Phytomenadione	10 Mg	10 Tabs/ Strip 10 Strips/ Box				
154		Paracaine Eye Drop		Each				
155		Foldable Intra Ocular Lens (IOL)		Each				

NCD MEDICINES & CONSUMABLES

Sl No.	Name of the Item	Specification	Unit Packsize	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
1	2	3	4				
1	Inj Insuline Aspirate	Each	Each				
2	Inj Insuline Premix 30	Vial	Each				
3	Inj Insuline Premix 30	Catridge	Each				
4	Inj Insuline Premix 50	Vial	Each				
5	Inj Insuline Premix 50	Catridge	Each				
6	Inj.Aminophylline	250Mg 10ML/ Amp	Each				
7	Insulin intermediate	Each	Each				
8	Promethazine	Tab. 12.5 mg	10 Tabs				
9	Promethazine	Tab. 50 mg	10 Tabs				
10	Syp. Carbamazepine	100Mg/ 5MI	Each				
11	Tab Amlodipine	10 mg	10 Tabs				
12	Tab Aspirin	150 mg	10 Tabs				
13	Tab. Acebrophylline	300 mg	10 Tabs				
14	Tab. Carbidopa + Levodopa	Carbidopa 25mg + Levodopa 100mg	10 Tabs				
15	Tab. Carbimazole	15 mg	10 Tabs				
16	Tab. Diazepam	5Mg	10 Tabs				
17	Tab. Promethazine	10 Mg	10 Tabs				
18	Tab. Silymarin	200 mg	10 Tabs				
19	Tab. Verapamil (Isoptin)	80 mg	10 Tabs				
20	Tab. Verapamil (Isoptin)	120 mg	10 Tabs				
21	Tab. Verapamil (Isoptin)	300 mg	10 Tabs				
22	Tab. Verapamil(Isoptin)	80Mg	10 Tabs				
23	Tab.Bisoprolol	5 mg	10 Tabs				
24	Tab.Bisoprolol	10 mg	10 Tabs				
25	Tab.Clopidogrel	150 mg	10 Tabs				
26	Tab.Enalapril	2.5 mg	10 Tabs				
27	Tab.Isosorbide Dinitrate (Sorbitrate)	5 mg	10 Tabs				
28	Tab.Isosorbide Dinitrate(Sorbitrate)	5Mg	10 Tabs				
29	Tab.Methyldopa	250 mg	10 Tabs				

Sl No.	Name of the Item	Specification	Unit Packsize	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
30	Tab.Methyldopa	500 mg	10 Tabs				
31	Tab.Olmesartan	10Mg	10 Tabs				
32	Tab.Syndopa	110 mg	10 Tabs				
33	Tab.Syndopa plus	110 mg	10 Tabs				
<u>Tobacco Control</u>							
1	Bupropion Hydrochloride (1 course 12 weeks)	150Mg	Each				
2	Varenicline Tartrate (1 course 12 weeks)	1Mg	Each				
<u>Mental Health</u>							
1	Syp. Risperidone	1Mg/ Ml	Each				
2	Tab. Buprenorphene	2 Mg	10 Tabs				
3	Tab. Chlorpromazine	50 Mg	10 Tabs				
4	Tab. Diazepam	5 mg Tab.	10 Tabs				
5	Tab. Glycopyrolate	1Mg	10 Tabs				
6	Tab. L-ORNITHINE		10 Tabs				
7	Tab. Lurasidone	40Mg	10 Tabs				
8	Tab. Methyl Phenydate	5Mg	10 Tabs				
9	Tab. Nitrazepam	10Mg	10 Tabs				
10	Tab. Silymarin	200 mg	10 Tabs				
11	Tab. Tetrabenazine	25Mg	10 Tabs				
12	Tab.Syndopa	110 mg	10 Tabs				
13	Tab.Varenicline Tartrate (1 course 12 weeks)	1Mg	10 Tabs				
14	Tab. Syndopa	110 Mg	10 Tabs				
15	Tab. Buspirone	10 Mg	10 Tabs				
16	Tab. Riluzole	50Mg	10 Tabs				
17	Tab. Rivastigmine	1.5M g	10 Tabs				
18	Tab. Prucalpride	10 Mg	10 Tabs				
19	Tab. Ropinirole	1 Mg	10 Tabs				
20	Tab. Perampanel	2 Mg	10 Tabs				
21	Tab. Perampanel	6 Mg	10 Tabs				
22	Tab. Sildenafil	10Mg	10 Tabs				

LIST OF LAB. CHEMICALS & LAB. CONSUMABLES

Sl. No.	Name of the Item with specification	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
1	PHENOL 500ML (Brand name- Merck) (i. The Chemical Structure: C ₆ H ₅ OH ii. Molecular Weight: 94.11 iii. Melting Point: 400C+/-2, iv. Purity:99.5%)				
2	METHYLENE BLUE (MERCK) 25Gm/ Bot i. The chemical name: Methylthionine chloride ii. The chemical structure: C ₁₆ H ₁₈ CIN ₃ S iii. Molecular Weight: 319.9 iv. Dye content: Should be available on the container. Approximately 82%				
3	ETHANOL (C ₂ H ₅ OH 1 Litre = 0.790 Kg. M=46.07 g/mol) (500ML/ Bot)				
4	BASIC FUCHSIN (MERCK) 25Gm/ Bot i. The chemical name: Pararosanine hydrochloride ii. The chemical structure: C ₂₀ H ₂₀ CIN ₃ iii. Molecular Weight: 337.86 iv. Color : Metallic Green v. Dye content: Should be available on the container. Approximately 85% - 88%.				
5	IMMERSSION OIL (MERCK) 30ML/ Bot (Refractive index -1.515/ closer to that of Glass.)				
6	PARA FILM (2" Width, Flexible, Mouldable, Self Sealing, Odour less, Moisture resistant, Thermo Plstic, Semi Transperant, Practically Colour Less)				
7	Oxalic acid 5% (500ML/ Bot)				
8	E.I. TRAY (Size: 15" length, 10" Width, 3" Depth.Height ≈ 30 cm Diameter ≈ 26 cm.)				
9	FALCON TUBE / UNIVERSAL TUBE WITH GRADATION MARK (TARSONS) (28ml, wide neck, with aluminium screw cap and liners pack of 20 bottles. Fisher make only. Catalog No.: BTS-402050M. Weight of each bottle in gms (without screw cap and Neoprene washer)= 50+1, Length of bottle in mm = 82 Maximum external circumference of bottle in mm = 92 Type of bottle (thickness and surface: bottom and side of each bottle) = Even thickness without air bubbles in the glass, clear glass Diameter of the bottom of bottle in mm to fit within centrifuge bucket of inner diameter of 30 mm = 28.2 Capacity of each bottle in ml (volume) = 28 Bottle should be auto clavable, should not become opaque on autoclaving. Screw cap for the bottle: Weight in Gms without washer = 1.6+0.1 gms screw cap: made of aluminium to fit tightly all bottles (leak proof) screw cap: Inner diameter of screw cap without Neoprene washer in mm = 2.7 Neoprene (soft) washers thickness in mm = 2.5 Neoprene washer diameter in mm = 2.7 Neoprene washers should withstand repeated autoclave.)				
10	Methylated spirit (Chemical Name : Ethanol Denatured +5%Isopropyl Alcohol + 5% Methanol Structure :C ₂ H ₅ OH, Molecular Weight :46.07 g/mol, Purity- 90 %)				
11	Sulpholyser 5000ML				
12	Stomatolyser 5000ML				
13	Sample Cup (For Fully Automatic Analyser((MERIL)				
14	Floride Powder				

LABORATORY REAGENTS UNDER NIDANA PROGRAMME

Sl. No.	Name of the Item	Unit of measure	Unit Pack Size	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
1	(N/10) Hydrochloride Solution (Haemoglobin Estimation)	In ml	500				
		In ml	1000				
2	Hematology Test under microscope						
2.1	WBC Diluting Fluid (TLC)	In ml	100				
2.2	Total Eosinophil Count Fluid	In ml	100				
2.3	RBC Diluting Fluid (Total Blood Cell Count)	In ml	100				
2.4	Platelet diluting Fluid (Total Blood Cell Count)	In ml	100				
2.5	Distil Water	In ml	500				
		In ml	1000				
		In ml	5000				
3	Blood Grouping (ABO-RH typing) (Anti-A, Anti-B, Anti-AB, Anti-D, Anti-H, Anti-A1, Bovine Albumin. Antigen for Red Cell Pannel)	In ml	10				
4	JSB Stain-I (Malaria Parasite)	In unit	500				
		In unit	125				
	JSB Stain-II (Malaria Parasite)	In unit	500				
		In unit	125				
5	3.8% Sodium Citrate Solution (ESR)	In ml	500				
		In ml	100				
6	Coombs Reagent (Direct & Indirect) (AHG Anti C3d monoclonal)	In ml	10				
		In ml	5				
7	Laboratory Stain (Giemsa Stain, Leishman Stain)						
7.1	Giemsa Stain	In ml	250				
		In ml	500				
		In ml	1000				
7.2	Leishman Stain	In ml	500				
		In ml	1000				
8	Immersion Oil (Microscope)	In ml	30				
9	Occult Blood	In Unit	50				
			25				
			10				
10	PT Reagents (Prothombin Time)	In ml	3				
RAPID AND PACKED KITS							
1	RPR/VDRL test for syphilis	In Unit	100				
			50				
			20				
2	Rheumatols Factor (Rh Typing)	In Unit	100				
3	ASO	In Unit	100				
4	HbsAg (Rapid)	In Unit	100				
5	CRP	In Unit	50				
6	Urine test for PH, Specify gravity, leucocyte esterase, glucose, bilirubin, urobiligen, ketone, protein, nitrite	In Unit	100				
			50				
			25				
7	Pregnancy Kit	In Unit	100				
			50				
			25				

Sl. No.	Name of the Item	Unit of measure	Unit Pack Size	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
8	Widal Kit	In Unit	100				
		In Unit	50				
9	Toxoplasma (Rapid)	In Unit	50				
		In Unit	10				
10	Hepatitis B surface antigen test	In Unit	100				
		In Unit	50				
11	Hepatitis C Card Test	In Unit	100				
		In Unit	50				
12	Troponin-I	In Unit	10				
BILCHEMICAL REAGENTS (SEMI AUTO ANALYZER)							
1	Blood Sugar (lab method)	In ml	1000				
		In ml	500				
2	Blood Urea	In ml	1000				
		In ml	500				
		In ml	200				
3	S.Creatinine	In ml	500				
		In ml	200				
		In ml	100				
4	S.Bilirubin (T)	In ml	500				
		In ml	200				
		In ml	100				
5	S.Bilirubin (D)	In ml	500				
		In ml	200				
		In ml	100				
6	SGOT	In ml	500				
		In ml	200				
		In ml	100				
7	SGPT	In ml	500				
		In ml	200				
		In ml	100				
8	S.Alkaline Phosphate	In ml	500				
		In ml	200				
		In ml	100				
9	Serum Total Protein	In ml	500				
		In ml	200				
		In ml	100				
10	Serum Albumin	In ml	500				
		In ml	200				
		In ml	100				
11	S. Calcium	In ml	500				
		In ml	200				
		In ml	100				
12	S. Pottasium	In ml	500				
		In ml	200				
		In ml	100				
13	S. Sodium	In ml	500				
		In ml	200				
		In ml	100				
14	S. LDH	In ml	500				
		In ml	200				
		In ml	100				
15	S. Amylase	In ml	500				
		In ml	200				
		In ml	100				
16	S. Uric Acid	In ml	500				
		In ml	200				
		In ml	100				

Sl. No.	Name of the Item	Unit of measure	Unit Pack Size	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
17	S. Cholestrol	In ml	500				
		In ml	200				
		In ml	100				
18	S. Triglyceride	In ml	500				
		In ml	200				
		In ml	100				
19	S. VLDL	In ml	100				
		In ml	50				
20	S. HDL	In ml	100				
		In ml	50				
OTHER CONSUMABLES							
1	Glass Slide	In Unit	50				
2	Micro Tips (Yellow)	In Unit	1000				
3	Micro Tips (Blue)	In Unit	1000				
4	Urine Collection Bottle	In Unit	Each				
5	NVEDTA K3 2ml Sample Tube	2 ml	Each				
6	NVEDTA K2 2ml	2 ml	Each				
7	Plain Vial	5 ml	Each				
8	Test Tube (Big)	In Unit	Each				
9	Test Tube (Small)	In Unit	Each				
10	Test Tube Holder	In Unit	Each				
11	Clotting Vial	In Unit	Each				
12	ESR Stand	In Unit	Each				
13	ESR Tube (Disposable)	In Unit	Each				
14	ESR Tube (Glass)	In Unit	Each				
15	ESR Pipette	In Unit	Each				
16	Disposable ESR Tube with Pipette	In Unit	Each				
17	Micro Pipette(10-200)	In Unit	Each				
18	Micro Pipette(5-50)	In Unit	Each				
19	Tissue Paper roll	In Unit	Roll				
20	Floride Vial	In Unit	Each				
21	Spirit Lamp	In Unit	Each				
22	Test Tube Stand	In Unit	Each				
23	Micro Pipette(10-100)	In Unit	Each				
24	Micro Pipette(100-1000)	In Unit	Each				
25	Acetic Acid Glacial	In ml	500				
26	Salt Testing Kit (Test for Iodine)	In Unit	50 Test Strips				
27	H2S strip (Water testing for fecal contamination and chlorination)	In Unit	50 Test Strips				
28	Capillary Tube	In Unit	Each				
29	Sputum for AFB Test Kit	In Unit	Each				

Sl. No.	Name of the Item	Unit of measure	Unit Pack Size	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
30	Stool For OVA and CYST Test Kit	In Unit	50 Test Strips				
31	Visual Inspection using Acetic Acid (VIA) Kit for cervical cancer (Sterile Swab stick & Acid)	In Unit	Each				
32	Glucose Tolerance Test (GTT)	In Unit	50 Test Strips				
33	Blood Urea Kit	In Unit	50 Test Strips				
34	SGPT Kit	In Unit	50 Test Strips				
35	SGOT Kit	In Unit	50 Test Strips				
36	S. Alkaline Phosphatase Kit	In Unit	50 Test Strips				
37	S. Albumin & AG ratio Kit	In Unit	50 Test Strips				
38	S. Total Cholesterol Kit	In Unit	50 Test Strips				
39	S. Triglycerides Kit	In Unit	50 Test Strips				
40	S. VLDL Kit	In Unit	50 Test Strips				
41	S. HDL Kit	In Unit	50 Test Strips				
42	S. LDL Kit	In Unit	50 Test Strips				
43	Serum Sodium & Potassium Kit	In Unit	50 Test Strips				
44	CRP (including new born) – (quantitative) Kit	In Unit	50 Test Strips				
45	Uric Acid Kit	In Unit	50 Test Strips				
46	Serum Calcium Kit	In Unit	50 Test Strips				
47	Water testing for fecal contamination and Chlorination (Ortho Toluidine Test)	In Unit	50 Test Strips				
REAGENTS FOR FULLY AUTO ANALYZER (MERIL)							
1	AMYLASE	In Unit	4 x 20				
2	ALKALINE PHOSPHATASE	In Unit	4 x 15				
3	ALAT (GPT)	In Unit	6 x 20 / 6 x 5				
4	ASAT (GOT)	In Unit	6 X 20 / 6 X 5				
5	BILIRUBIN TOTAL	In Unit	5 X 15 / 5 X 5				

Sl. No.	Name of the Item	Unit of measure	Unit Pack Size	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
6	BILIRUBIN DIRECT	In Unit	5 X 15 / 5 X 5				
7	CALCIUM (A)	In Unit	4 X 20				
8	CREATININE	In Unit	5 X 15 / 5 X 15				
9	CRETINE KINASE NAC	In Unit	2 X 20 / 2 X 5				
10	CRETINE KINASE MB	In Unit	2 X 20 / 2 X 5				
11	CHOLESTEROL	In Unit	6 X 20				
12	LDL CHOLESTEROL (DIRECT)	In Unit	1 X 18 / 1 X 6				
13	CHLORIDE	In Unit	4 X 20				
14	G - GLUTAMYL TRANSFERASE	In Unit	1 X 20 / 1 X 5				
15	GLUCOSE	In Unit	10 X 20				
16	LACTATEDEHYDROGENASE	In Unit	1 X 20 / 1 X 5				
17	MAGNESIUM	In Unit	4 X 20				
18	PHOSPHORUS	In Unit	4 X 20				
19	MICROPROTEIN	In Unit	4 X 20				
20	TRIGLYCERIDE	In Unit	6 X 20				
21	URIC ACID	In Unit	4 X 15				
22	UREA	In Unit	6 X 20 / 6 X 5				
23	AUTQUANT CLEANZER	In Unit	10 X 100				
24	MICRO ALBUMIN	In Unit	2 X 20 / 2 X 5				
25	CRP	In Unit	2 X 20 / 2 X 5				
26	LIPASE	In Unit	1 X 20 / 1 X 12				
27	ALBUMIN	In Unit	6 X 20				
28	HDL CHOLESTEROL (DIRECT)	In Unit	2 X 18 / 2 X 6				
29	TOTAL PROTEIN	In Unit	6 X 15				
30	HbA1c	In Unit	2 X 15 / 2 X 5.5 / 1 X 75 / 4 X 0.5				
31	BIONORM	In Unit	1 X 5				
32	BIOPATH	In Unit	1 X 5				
33	BIO CAL	In Unit	4 X 3				
34	ASO	In Unit	2 X 20 / 2 X 5				
35	CRP	In Unit	2 X 20 / 2 X 5				
36	RF	In Unit	2 X 20 / 2 X 5				
37	D - DIMER	In Unit	2 X 15 / 2 X 5				
38	FERRITIN	In Unit	2 X 15 / 2 X 5				

Laboratory Consumables & Reagents for District Public Health Laboratory

Sl. No.	Name of the Item	Specification	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
Glass wares						
1	Test Tube(with Rim)	12x75	Glass			
2	Test Tube(with Rim)	38ml	Glass			
3	Test Tube(with Rim)	30ml	Glass			
4	Beaker	500ml	Glass			
5	Beaker	1Ltr	Glass			
6	Reference Thermometer	Large	Mercury			
7	Thermometer	Small	Mercury			
8	Glass rod	Medium	Straight			
9	Anaerobic gas jar	Plastic5 lt				
Test kits						
1	H2S(Coliform)					
2	Leptospirosis Ig M					
3	Latex agglutination test kit					
4	Hepatitis A Ig M		ELISA kit			
5	Hepatitis E Ig M		ELISA kit			
6	Scrub typhus Ig M		ELISA kit			
7	Leptospira Ig M		ELISA kit			
8	OrthoToluidene with Chloroscope					
9	PH paper(alkaline)					
10	PH paper(acid)					
11	PH paper(basic)					
12	Antisera kit for felix test					
13	Antisera kit for salmonella test					
14	Antisera kit for cholera test					
15	Chikungunia IgM ELISA Kit		ELISA Kit			
16	Measles ELISA kit		ELISA Kit			
17	Chickenpox ELISA kit		ELISA Kit			
18	Hepatitis A Ig M ELISA Kit		ELISA Kit			
19	Hepatitis E IgM ELISA Kit		ELISA Kit			
20	Dengue IgM		ELISA kit			
21	Leishmaniasis IgM		ELISA kit			
Rapid test kit						
1	Hepatitis A Ig M rapid Kit					
2	Hepatitis E Ig M rapid Kit					
3	Chikungunia rapid Kit					
4	Scrub typhus rapid Kit					
5	Measles rapid Kit					
6	Leptospira rapid Kit					
7	HBeAG Rapid antigen kit					
8	Blood culture bottle with media		microexpress			
9	Kalazer /Leishmaniasis rapid kit					
10	Measles Rapid antigen kit					
11	Hepatitis D rapid screening kit					
12	Dengue Rapid					
13	Leishmaniasis Rapid Kit					
14	Dengue Igm Elisa kit		ELISA Kit			
15	Dengue Ns1Ag Elisa kit		ELISA Kit			
16	Hepatitis A Elisa kit		ELISA Kit			
17	Hepatitis E Elisa kit		ELISA Kit			
18	Scrubtyphus Igm kit		ELISA Kit			

Sl. No.	Name of the Item	Specification		Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
19	Leptospira Igm kit		ELISA kit				
20	Measles Igm Elisa kit		ELISA kit				
21	Mumps Igm Elisa kit		ELISA kit				
22	Hepatitis A RDT kit		ELISA kit				
23	Hepatitis E RDT kit		ELISA kit				
24	Scrubtyphus Igm RDT kit		ELISA kit				
25	Measles RDT kit		ELISA kit				
26	Mumps Igm RDT kit		ELISA kit				
27	Snake Venom Detection Kits	Detail Specification enclosed as Annexure-A					
Other requirements							
1	Test tube racks	Plastic	Multipurpose				
2	Sample Collection Vials	Plastic	Capped(plastic)				
3	Sample Container	Plastic	Sterile Uricol				
4	Transport Container	Vaccine Carrier					
5	Cotton Swabs	Sterile	(In Packets)				
6	Filter Paper	Wattman's					
7	Spreader	in packet					
8	Autoclavable sterile wooden stick	in packet	round bottom (one side)				
9	White Pencil Marker						
10	Discarding Tray	Hard Plastic	Autoclavable				
11	Adhesive lables	in Roll					
12	Sterilizing Indicator	OK Strips in Packet	Self Adhesive Tape				
13	Microtips with Box	Autoclavable Plastic	0.2-10 µl				
14	Microtips with Box	Autoclavable Plastic	20-200 µl				
15	Microtips with Box	Autoclavable Plastic	100-1000µl				
16	Multichannel Micropipettes(Adjustable)		20-200 µl				
17	Sterile Micro Tips(for ELISA)		10 µl				
18	Sterile Micro Tips(for ELISA)		200 µl				
19	Sterile Micro Tips(for ELISA)		1000µl				
20	Autoclavable Microcentrifuge Tube						
21	Autoclavable Sterile Plastic Vials	5ml	Plastic				
22	Autoclavable Sterile Plastic Vials	10ml	Plastic				
23	Bunsen Burner						
24	Bunsen Burner pad						
25	Tripod Stand for bunsen burner						
26	Vial storing box						
Liquid Reagents							
1	Absolute Alcohol(99.99%)	500ml					
2	3% Hydrogen peroxide(H2O2)	500ml					
3	Lactophenol cotton blue stain	100ml					
4	Lactophenol stain	100ml					
5	Picric Acid (Saturated, Aqueous)	100ml					
6	Lactophenol picric acid stain	100ml					
7	Mayer's Mucicarmine Stain	100ml					
8	Niagrocin stain	100ml					
9	Carbol Fuchsin (ZN,Strong)	100ml					
10	Acid fast decoloriser	100ml					
11	Gentian Violet	100ml					
12	Malachite Green	100ml					
13	Schaeffer & Fulton's Spore Stains - Kit	100ml					

Sl. No.	Name of the Item	Specification	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
14	Kovacs' Indole Reagent	100ml				
15	Capsule Stains - Kit (contains S021 and S025)	100ml				
16	Acetone	500ml				
17	Buffer Capsules(pH 4& 9)	1pkt				
18	Deionised/Distilled water	In 5Ltr				
19	Sodium polyethynilate sulphonate	2 kg				
20	Xylene	1lt				
21	Autoclave container steel					
Media Required						
1	Chocolate agar					
2	Phenyl alanine deaminase Agar	500gm				
3	Urease Agar	500gm				
4	Castaneda biphasic medium	500gm				
5	Blood tellurite agar	500gm				
6	Sorbitol maconkey agar	500gm				
7	Kanamycin blood agar	500gm				
8	Venkatraman Ramkrisna medium	500gm				
9	Baired parker Agar	500gm				
10	HIS selective medium	500gm				
11	Grenada medium	500gm				
12	buffered charcoal yeast extract agar	500gm				
13	TI medium	500gm				
14	Robertson cooked meat broth	500gm				
15	Canavonine glycine bromothymol blue agar	500gm				
16	Dermatophyte test medium	500gm				
17	stewarts media	500gm				
18	B.Streptococcus agar	500gm				
19	Brain heart infusion suppliment	500gm				
20	Bordet gengeu agar	500gm				
21	Cefotixine cycloserine agar	500gm				
22	Cefuloirgasan novobiocin medium	500gm				
23	Crystal violet blood agar	500gm				
24	Elners medium	500gm				
25	Firm's agar	500gm				
26	Fletcher's agar	500gm				
27	Levinthal's medium	500gm				
28	Tinsdale medium	500gm				
29	Campy blood agar	500gm				
30	Sorbitol maconkey agar	500gm				
31	Wilkins chalgren agar	500gm				
32	Skim milk agar	500gm				
33	MRS broth	500gm				
34	Egg yolk agar	500gm				
35	ONPG disc	100/pk				
36	NaCl(molecular grade)	500gm				
37	Stain & Antibiotics	500gm				
38	Schaeffer and Fulton Spore Stain Kit	500gm				
39	Maconkey Agar	500gm				
40	Cary blair transport media	500gm				
41	Maconkey Agar	500gm				
42	Nutrient Agar	500gm				
43	Alkaline petone water	500gm				
44	UTI Agar	500gm				

Sl. No.	Name of the Item	Specification	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
45	TCBS Agar	500gm				
46	Salmonella Shigella Agar	500gm				
47	CLED Agar	500gm				
48	Lysine Agar	500gm				
49	TSI Agar	500gm				
50	Simmon Citrate Agar	500gm				
51	Muller Hinton Agar	500gm				
52	Brain Heart Infusion Agar	500gm				
53	Mannitol Motility Medium	500gm				
54	MR-VP Medium	500gm				
55	Mannitol Salt Agar	500gm				
56	Potato dextrose Agar	500gm				
57	XLD Agar	500gm				
58	Chocolate Agar	500gm				
59	Maconkey Broth single strength	500gm				
60	Maconkey Broth double strength	500gm				
61	Sabroud dextrose Agar	500gm				
62	Blood culture bottle with media	500gm				
63	Potato Dextrose Agar 500Gm	500gm				
64	Selenite F Broth	500gm				
65	Simmon citrate Agar 500Gm	500gm				
66	Nutrient Broth 500Gm	500gm				
67	MR-VP broth 500Gm	500gm				
68	Indole Nitrate Medium	500gm				
69	Loeffler's serum Medium	500gm				
70	Autoclavable Blood Culture Bottols (Autoclavable)	500gm				
71	Blood Culture Bottles (20ml & 50ml)	500gm				
72		20Ml,50Ml				
73	Sabroud dextrose agar	500gm				
74	Gram staining kit	500gm				
75	Oxidase disc Bottle	20Bottles				
76	Albert Stain Reagent(1&2) Kit	500ml				
77	Methyl Red Indicator	500ml				
78	Mannitol Salt Agar	500gm				
79	Nutrient Broth 500Gm	500gm				
80	Kovac's Indole reagent 100Ml	500ml				
81	Barri's reagent A 100Ml	500ml				
82	Inoculating Loop (Nichrome) 0.5mm Diameter					
83	Inoculating Loop (Nichrome) 1mm Diameter					
84	Inoculating Loop (Nichrome) 2mm Diameter					
85	Inoculating Loop (Nichrome) 5mm Diameter					
86	Spatula (Medium)					
87	Microtips Box (Autoclavable Plastic) 0.2-10 µl					
88	Microtips Box (Autoclavable Plastic) 20-200 µl					
89	Microtips Box (Autoclavable Plastic) 100-1000µl					
90	Durham's Tube (Glass) 100/pk					
91	4% Sodium Hypochloride solution 5Liter Can					
92	Hand Protector Grip, silicone					

Sl. No.	Name of the Item	Specification	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
93	Utility Tray					
94	CRYOCHILLTM Vial External Threaded, Round-Bottom, Sterile					
95	Cryo Cube Box,					
96	Parafilm	large				
97	Indicator Tape for Steam Autoclave					
98	Biohazard Waste Container, PP					
99	PLASTIC WASH BOTTLES					
100	ASPIRATOR BOTTLES With I/C Glass Stopcock and PP Cap					
101	cotton swab (Sterile) with tube					
102	Nylon swab (Sterile)					
103	Crystal vc (RDT test kit for cholera)					
104	Durham's Tube					
105	Gaspak					
106	Deionised/Distilled water 5 Ltr					
107	Hanging drop slide					
108	Inoculating needle					
109	L Shape spreader glass					
110	L Shape spreader plastic disposable					
111	Spirit lamp					
112	Disposable petriplate -100X25mm					
113	Filter paper					
114	Dimethyl sulfoxide 200 gm					
115	Antisera kit for Salmonella					
116	Antisera kit for Cholera					
117	Latex agglutination kit					
118	Blood culture bottle with media					
119	Vaccine carrier					
120	Rectal swab					
121	boric acid powder					
122	Autoclavable Biohazard Bags, PP					
Antibiotic Disc						
1	Amikacin					
2	Ampicillin					
3	Amoxyclav					
4	Ampicillin/sulbactam					
5	Azithromycin					
6	Chloramphenicol					
7	Gentamycin					
8	Cefuroxime					
9	Cefotaxime					
10	Ceftriaxone					
11	Ceftazidime					
12	Ciprofloxacin					
13	Norfloxacin					
14	Ofloxacin					
15	levofloxacin					
16	Nalidixic Acid					
17	Nitrofurantoin					
18	Cefoperazone/sulbactam					
19	Cefipim					
20	moxifloxacin					
21	Erythromycin					
22	Tetracycline					

Sl. No.	Name of the Item	Specification	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
23	Vancomycin					
24	Linezolid					
25	Tobramycin					
26	Polymyxin B					
27	Imipenem					
28	Meropenem					
29	Piperacillin+Tazobactam					
30	Teicoplanin					
31	Tigecycline					
32	Doxycycline					
33	Streptomycin					
34	Netilmicin					
35	Cefadroxyl					
36	Cefodoxim					
37	Kanamycin					
38	penicillin					
39	Levofloxacin					
40	Minocycline					
41	Linezolid					
42	Daptomycin					
43	Cefoxitin					
44	Clotrimoxazole					
45	Ertapenem					
46	Clindamycin					
47	Cefepime					
48	Novobiocin					
49	Optochin disc					
50	Cefixime					
51	Tobramycin					
52	Azetronam					
53	Cefazalin					
54	Piperacilli					
55	Ceftifur					
56	Cephalothin					
57	Sulfisoxazole					
58	Trimethoprim sulfomethoxazole					
59	chlorhexidine	500ml				
60	Mosquito repellent(solution with heater)	100ml				
61	Caryblair media with swab					
62	Bacillocid	1lt				
63	CIDEX	500ml				
64	Aldekol	500ml				
65	Heparin	100gm				
66	EPSOME SALT	1kg				
67	Dimethyl sulfoxide(MB)	100gm				
68	Ethylene	1lt				
69	GLYCEROL	500ml				
70	Echosheild	500ml				
71	Bacillo	5ltX10				

List of Instrument's & Equipment's

Sl No.	Name of the Item	Specification	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
NPPCD Programme						
1	Head Light	Detail Specification enclosed as Annexure-A				
2	Ear Specula					
3	Nasal Speculum					
4	Mouth mirror					
5	Tongue Depressor					
6	Foreign Body Removal Forceps					
7	Otoscope					
8	Jobson Horn Probe					
9	Tuning Fork					
10	Noise Maker					
11	Periodontal probe					
NOHP Programme						
12	Tooth Model					
13	Torch					
14	Tooth Extraction Forceps Set (Adult)					
PHC HWC Lab. Programme						
15	Binocular Microscope					
16	Near Vision Chart					
17	Color Vision Chart					
18	Snellen's Chart					
19	Stadiometer					

Sl No.	Name of the Item	Specification	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)	
20	Digital BP Apparatus	Detail Specification enclosed as Annexure-A					
21	Aneroid BP apparatus						
22	Urine Analysis(DIPSTICK)						
23	Peak Flow Meter						
24	Lab Autoclave						
25	Incubator						
26	Micro Pipette						
27	Centrifuge-8 Tubes						
28	Needle Destroyer						
29	Nebulizer						
PHC HWC Physiotherapy							
30	Shoulder Wheel/ Over Head pully/ Shoulder ladder						
31	Lumber & Cervical Traction with Bed						
32	TENS (Standalone Type)						
33	Hydro Collator Unit						
34	Traction Bed						
35	Adjustable Walker						
36	Walking Sticks						
37	Cervical Traction (Manual)						
38	Lumber Traction (Manual)						
39	Exercise Bicycle						

Sl No.	Name of the Item	Specification	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
40	Grip Exerciser	Detail Specification enclosed as Annexure-A				
41	Gait Training Apparatus/ Parallel bar					
42	Thera Bands /Elastic Bands					
43	Peak Flow Meter					
44	Physiotherapy Kit					
45	Multi Para Monitor (5 Para)					
46	ECG Machine (12 Channel)					
48	Spiro Meter					
52	Cheatele holder	Cheatele's Forceps with SS Holder				
53	Kidney tray	Kidney tray,8"				
54	Dressing Forceps (spring type)	Dressing Forceps (spring type), 160 mm, stainless steel				
55	Artery Forceps-Curved	Artery Forceps, straight, 160mm Stainless steel				
56	Neuber Chamber					
57	Vulsellum Uterine Forceps curved					
58	Cusco's/Graves Speculum vaginal bi-valve	Small/ Medium/ Large				
59	Sims retractor/depressor	Size : Large, Medium, Small with smooth surface				
60	Sims Speculum vaginal double ended ISS	Sims Speculum vaginal double ended ISS Medium				
61	Foetoscope					
62	Interdental cleaning aids					
63	Dental Probe	Material- Stainless Steel (uninsulated) For Dental Scaling and General Purpose Use.				

Sl No.	Name of the Item	Specification	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
64	Universal tooth extractor					
65	Mouth Gag					
66	Dressing Drum Big/Small	<ul style="list-style-type: none"> • Material: Stainless Steel, 304/202 Gauge. • Size: 9" x 9", 11" x 5", 11" x 9" (D x H). 				
67	Semi Auto Analyser	Detail Specification enclosed as Annexure-A				
68	Multi Para Monitor (7 Para)					
69	HDU BED					
70	ECLAMPsia BED					
71	CRASH CART TROLLEY					
72	Resuscitation Kit					
<u>EIF for SNCU</u>						
1	Resuccitation Set (Manual) 250MI	Detail Specification enclosed as Annexure-A				
2	Resuccitation Set (Manual) 500MI					
3	Laryngoscope					
4	Spot Lamp					
5	Examination Light (Mobile)					
6	Baby Weighing Scale (Electronic)					
7	Stethoscope (Neonate)					
8	BP Apparatus Child					
9	Dressing Tray					
10	Sterilization Drum					
11	Oxygen Hood					
12	Billirubinometer					
13	Irradiance Meter					
14	Medicine Trolley					
15	Ampule Cutter					
16	Tailors Scissor SS					
17	Straight Scissor (Small) SS					
18	Dressing Trolley					
19	Scissor container Tray					
20	Steel tray with Cover (Big)					
21	Oxygen Key					

Sl No.	Name of the Item	Specification	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
22	Suction Catheter (Size-8)	Detail Specification enclosed as Annexure-A				
23	Suction Catheter (Size-10)					
24	Oxygen Tube					
25	Nasal Prong No-3 (Neonate)					
26	Dressing Trolley					
27	Infantometer					
28	Scissors container Tray					
29	Steel Tray with cover(Small)					
30	Oxygen Key					
<u>Equipments for DMHP</u>						
1	Cross Trainer	Detail Specification enclosed as Annexure-A				
2	Treadmill					
3	Home Gym					
4	Standing Twister					
5	Dumbbells					
6	Leg press					
7	Squat Rack					
8	Interlockable Gym Flooring					
Instruments & Equipments for HWC						
1	Bed sight Screen (Screen Separators with stand)	Detail Specification enclosed as Annexure-A				
2	Cupboard/storage chests					
3	Examination Table					
4	I V Stand (Saline Stand)					
5	Basin 825 ml. Ss (Stainless Steel)					
6	Basin deep (SS Basin square/rectangular shaped of capacity 6liter.)					
7	Tray Instrument/ Dressing with cover 310 x 195 x63 mm SS					

Sl No.	Name of the Item	Specification	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
8	Dressing Drum with cover 0.945 litres stainless steel	Detail Specification enclosed as Annexure-A				
9	Weighing Scale, Adult 125 kg/280 lb					
10	Instrument Sterilizer					
11	Sphygmomanometer Aneroid 300 mm with cuff					
12	Kelly's Forceps (Kelly's hemostat Forceps straight 140 mm)					
13	Cheatele's Forceps with Holder 10" with SS Holder					
14	Needle Holder- 8inch					
15	Sponge holder 8" with double action Jaws					
16	Kidney tray SS,8"					
17	Artery Forceps, straight, 160mm Stainless steel					
18	Stitch cutter with round handle double action jaw of 6 inch					
19	Allis forceps (Tissue Forceps finger ring, ratcheted forceps straight with 5x6 teeth and an overall length of 7-1/2 inches.)					
20	Dressing Forceps (spring type), 160 mm, stainless steel					
21	Stethoscope					
22	Hub Cutter and Needle Destroyer					
23	Artery Forceps-Curved 5"Curved double action jaw ratcheted with ring handle double action jaws					

Sl No.	Name of the Item	Specification	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
24	Gauze Cutting Scissors (Angled with the lower blade being slightly longer & tip of the lower blade features a flattened blunt nodule to slide between bandages and skin without harming the skin. Size:5")	Detail Specification enclosed as Annexure-A				
25	Digital Thermometer					
26	Examination Lamp					
27	Stadiometer					
28	Nebulizer					
29	Instrument Cabinet					
30	Foot Step					
31	Medicine Rack					
32	Hanging Weighing Scale (Toddler)					
33	MUAC Tape					
34	Steam Sterilizer (Medium/ Large)					
35	Auto Clave Box (Drum)					
36	Allie 's Forceps (Medium) (Size 6 ")					
37	Spoon Excavator					
38	Snellen Chart (Illuminated) (Eye Department)					
39	Nasal Speculum (Large)					
40	Nasal Forcep for Forrign Body removal					
41	Dental Explorer					
42	Shoulder Wheel					
43	Infrared Lamp					
44	Bed Pan					
45	Bed Side Urinal					
46	Dressing cum Observation Table					

Sl No.	Name of the Item	Specification	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)	
47	Scalpel with Blade	Detail Specification enclosed as Annexure-A					
48	Needle holder for Stitching						
49	Tooth Forceps						
50	Plain Forceps						
51	Sinus Forceps						
52	Torniquet (Adult & Pediatric)						
Lab -Diagnostic Materials							
53	Slide drying rack						
54	Micropipette						
55	Neuber Chamber						
56	ESR Stand with tube						
57	TC-DC Count apparatus						
58	Colorimeter						
59	Centrifuge Machine						
Items required for providing RMNCHA services							
60	Weighing Scale, Infant (10 Kg)						
61	Vulsellum Uterine Forceps curved 25.5 cm						
62	Cusco's/Graves Speculum vaginal bi-valve small size						
63	Sims retractor/depressor small size						
64	Sims Speculum vaginal double ended ISS Medium size						
65	Uterine Sound Graduated 10-12"						
66	Cord cutting Scissors 9Size 6 inch double action jaw with round handle. Blunt, curved on flat, 160 mm ss).						
67	Foetal Doppler						
68	Suction Machine						
69	Set of AMBU Bag (to include Adult, Pediatric and Neonatal AMBU bag and masks and oral adjuncts) (reusable)						

Sl No.	Name of the Item	Specification	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
EIF for Pediatric HDU Management						
1	Infrared Thermometer	Detail Specification enclosed as Annexure-A				
2	Algorithm/ Flow Chart					
3	High Flow Nasal Cannula					
4	T-Piece					
5	Patient Stretcher					
6	Wheel Chair					
EIF under NPPC						
1	Commpde Wheel Chair	Detail Specification enclosed as Annexure-A				
2	Calipers (Knee Brace) (Adult)					
3	Clutches (Elbow)					
4	Clutches Auxiliary					
5	Weight Cuff (1Kg)					
6	Air-Bed					
7	Pneumatic Ring for Bed Sore Management					
EIF for NOHP						
1	Lower Molar Foreceps (SS)	Detail Specification enclosed as Annexure-A				
2	Lower pre molar Forceps (SS)					
3	Lower Anterior Forceps (SS)					
4	Upper Molar Forceps Left (SS)					
5	Upper pre-molar Forceps (SS)					
6	Upper root Forceps (SS)					
7	Upper cow horn Forceps Left (SS)					

Sl No.	Name of the Item	Specification	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)	
8	Upper cow horn Forceps Right (SS)	Detail Specification enclosed as Annexure-A					
9	Cryer Elavators (SS)						
10	Coupland Elavator (SS)						
11	Warwickj James Elavator (SS)						
12	Periosteal Elavator (SS)						
13	Straight Elavator (SS)						
14	Curved Scissor (SS)						
15	Mosquito Artery Forceps (SS)						
16	Curved needle for dental use (SS)						
17	BP Handle for No. 15 Blade (SS)						
18	Surgical Curette (SS)						
19	Tweezers for Dental use (SS)						
20	Bone rongeur for dental use (SS)						
21	Bone File (SS)						
22	Surgical Burs (SS)						
23	Upper 3rd Molar Forceps (SS)						
24	Pedo extraction Forceps (SS)						
ENT Department							
1	BP Handle No.3						
2	BP Handle No.4						
3	Fine Scissor Blunt						
4	Fine Scissor Sharp						

Sl No.	Name of the Item	Specification	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
Dental EIF						
For Minor Oral Surgery						
1	Fissure bur for straight Handpiece (#701/702)					
2	Round bur straight handpiece					
For Restoration/ Filling						
1	Single bond Universal Adhesive					
2	Finishing burs for airtors					
For Root Cannal Treatment (RCT)						
1	Electronic Apex Locator					
2	Non end cutting (safety) burs					
3	Rotary Files 4%					
4	Rotary Files 6%					
5	2% K files NO. 06, 08, 10					
6	4% Gutta Percha (GP)					
7	Sodium Hypochloride 3%					
8	Ball Burnisher					
For Scaling						
1	Prophy Paste					
For Prosthesis						
1	Alginate					
2	Impression Compound					
3	Green Stick					
4	Acrylic Monometer, Polymer					
5	Vulcanite Bur					

Sl No.	Name of the Item	Specification	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
6	Round end tapered bur					
7	Flame shaped bur					
8	Needle diamond tapered bur					
9	Impression Paste					
For Oral and Maxillofacial Surgery						
1	Plating system with screw drivers (Size-1.5mm)					
2	Plating system with screw drivers (Size-2mm)					
3	Plating system with screw drivers (Size-2.5mm)					
EIF for Labour Room & Minor OT						
1	Sterilization Drum (Medium)	Detail Specification enclosed as Annexure-A				
2	Basin (Small) SS					
3	Episiotomy Scissor SS					
4	Chettle Forcep					
5	Labour Table Mattress					
6	Labour Table Regin					
7	Flex Metalic End tracheal Tube (Size 7, 7.5)					
8	Corrugated Drainage Sheet					
9	Sterilization Drum (Large)					
10	Delivery set with cover					
11	Utility Gloves (Each Pair)					
12	Long Gloves (Each Pair)					
13	Infant Feeding Tube (Size-6)					
14	Nasal Prongs (Neonatal)					
15	Dressing Tray (Large)					

Sl No.	Name of the Item	Specification	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
BMW Articles						
1	BMW Transportation Trolley with 4 Color Bin 120 Litres	Detail Specification enclosed as Annexure-A				
2	BMW Transportation Trolley with 4 Color Bin 80 Litres					
3	Puncture Proof Container (Blue) 1Litres					
4	Puncture Proof Container (Blue) 2Litres					
5	Puncture Proof Container (Blue) 5Litres					
6	Puncture Proof Container (White) 1Litres					
7	Puncture Proof Container (White) 3Litres					
8	Puncture Proof Container (White) 5Litres					
9	BMW Bin 30 Litres (Red, Yellow & Black) (Each)					
10	BMW Bin 20 Litres (Red, Yellow & Black) (Each)					
11	BMW Bin 10 Litres (Red, Yellow & Black) (Each)					
12	BMW Bin 5 Litres (Red, Yellow & Black) (Each)					
13	BMW Polythene Bag 50 Litres (Red, Yellow & Black) Per KG					
14	BMW Polythene Bag 30 Litres (Red, Yellow & Black) Per KG					
15	BMW Polythene Bag 20 Litres (Red, Yellow & Black) Per KG					
16	BMW Polythene Bag 10 Litres (Red, Yellow & Black) Per KG					
17	BMW Polythene Bag 5 Litres (Red, Yellow & Black) Per KG					
18	General Waste Bin 50 Litres (Black)					
19	General Waste Bin 50 Litres (Green)					
20	General Waste Bin 50 Litres (Blue)					

Sl No.	Name of the Item	Specification	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
21	BMW Polythene Bag 50 Litres (Black, Blue, Green)(per Kg)	Detail Specification enclosed as Annexure-A				
22	Gum Boot (High Ankle Length) per pair					
23	Utility Gloves (Elbow Length) per pair					
24	Plastic Apron (free Size) (Disposable)					
25	Sodium Hypochloride Solution (10%) 5 Litres Jar					
26	Hub Cutter (Manual)					
27	Dispenser with Catridge (For Sanitation)					
28	Catridge for Dispenser					
Others						
1	Mosquito Artery Forceps (SS) (Straight)	Detail Specification enclosed as Annexure-A				
2	Mosquito Artery Forceps (SS) (Curved)					
3	Allie 's Forceps (Medium) (Size 4 ") (SS)					
4	Kochkers Forceps (SS) 4"					
5	Adsons Forceps (SS) (Small)					
6	Toothed Forceps 6" (SS)					
7	Retractor Skin Hook (SS) 6"					
8	Retractor Blunt Hook (SS) 6"					
9	L-Retractor (SS) 6"					
10	Dissecting Scissor Curve (SS) 6"					

Sl No.	Name of the Item	Specification	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
11	Dissecting Scissor Straight (SS) 6"	Detail Specification enclosed as Annexure-A				
12	Tendon Tunnellor (Curved) (SS) 8"					
13	Tendon Tunnellor (Curved) (SS) 12"					
14	Stripper (TFL Foot)					
15	Stripper (TFL Hand)					
16	Sponge Holder (SS) 8"					
17	Lasso Forcep (SS) 4"					
18	Right Angle Forcep (SS) 4"					
19	Towel Clip (SS) (Small)					
20	Digital/ Electronic Tourniquet					
21	Plaster (POP) Cutter					
22	Interdental cleaning aids					
23	Irradiance Meter					
24	Slide Transport Box					
25	Intraocular Pressure Measurement Rebound Tonometer					
26	Fissure bur for straight Handpiece (#701/702)					
27	Mucoperiosteal Elevator					
28	Weighing Machine (Analog)					

Sl No.	Name of the Item	Specification	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
29	Heavy Duty Rack for Storage of Drugs	Detail Specification enclosed as Annexure-A				
30	LASA Box					
31	Trial Lens Set (Aluminium Cas, Metal, Rim, 266 Nos. of lences)					
32	Trial Frame for Adult (adjustable)					
33	Trial Frame for Child (adjustable)					
34	Auto Refractometer					
35	Interdental cleaning aids					
36	Irradiance Meter					
37	Sample transport Box					
38	Vaccine Carrier with 4 Nos. of ICE Box					
39	Cusco's Speculum (Disposable)					
40	Quadri-cep Table					
41	Ankle Exerciser					
42	Couch					
43	Foreign Body Scoop					
44	Tripod stick					
45	Foldable Wheel chair					

Sl No.	Name of the Item	Specification	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
46	Water Bed	Detail Specification enclosed as Annexure-A				
47	Cervical Traction (Electrical)					
48	Goniometer					
49	Knee Hammer					
50	Gelly Ball small					
51	Gelly Ball medium					
52	Hydroclator Bags (pelvic/ Back/Shoulder Knee)					
53	Electrode Pad					
54	Electrode Cable					
55	Traction Belt(cervical, lumbar /pelvic, thorasic & ankle)					
56	SWD Pads					
57	Power Cable					
58	Strap					
59	Ice Pack					
60	Ankle Exerciser					
61	Gelly Ball small (Soft & medium soft)					
62	Gelly Ball medium (Soft & medium soft)					
63	Hydroclator Bags (pelvic/ Back/Shoulder Knee)					
64	Electrode Pad					
65	Electrode Cable					
66	Traction Belt(cervical, lumbar /pelvic, thorasic & ankle)					

Sl No.	Name of the Item	Specification	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
67	Power Cable	Detail Specification enclosed as Annexure-A				
68	Strap (Small, Medium & Large)					
69	Goniometer					
70	Knee Hammer					
71	Weight Cuff set, 1/2 kg, 1kg & 2kg					
72	Neoprene Dumbel set 1kg, 2kg & 3kg					
73	Manipulation Couch					
74	Low Height Couch					
75	Cervical Traction (Electrical)					
76	Handpiece lubricant					
77	Cervical/ Lumbar Traction (Electrical)					
78	Manipulation Couch/ Manual therapy Bed					
79	Table Top Centrifuge (Centrifuge Machine) (High Speed)					
80	Sample Transportation Box					
81	Vaccine Carrier					
82	Cusco's Speculum (Disposable)					
83	BD Lithium Heparin Vacutainer specimen Tube					
84	Patient un-weighing System for Gait Training					
85	Infra Red Therapy					
86	Static Cycle					
87	Non tooth forcep	SS, Standard				
88	Dissecting Scissor	SS, Standard				

Sl No.	Name of the Item	Specification	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
89	Biopsy Forcep	SS, Standard				
90	Artery Forcep	SS, Small				
91	Proctoscope	SS, Medium				
92	Proctoscope	SS, Small				
93	Otoscope	Paediatric				
94	Auroscope	Paediatric				
95	Ophthalmoscope	Paediatric				
96	Medicine Tray with cover	SS Medium				
97	Trinocular Microscope	Detail Specification enclosed as Annexure-A				
98	Episiotomy Scissor	SS Curved				
99	Needle Holder	SS Large Size				
100	Speculum	SS Large Size				
101	Speculum	SS Small Size				
102	Kelly's Forceps	SS Standard				

SPECIFICATIONS

NPPCD, NOHP, PHC HWC Lab. & PHC HWC Physiotherapy Programme

1. Head Light :-

Purpose: Coaxial luminaire provides shadow free illumination for improved efficiencies Light weight and comfortable head band options : Yes, Supply of accessory like charger, cable & batteries : Yes, Color of light : Cool day light, Brightness (Lumen): 40, Color Temperature (Degree Kelvin): 4500 degree K, Minimum LED Life (Hours): 20000, Nature of focusing: Spot, Portable compact design with no wires- into shirt pocket: Yes, Charging time (Hours): 2-4Hours, Color rendering index (CRI): 90, Type of battery : Alkaline, Run time (Minutes): 60, ON/OFF control: Yes, MINIMUM Spot diameter (mm): 10, MAXIMUM Spot diameter (mm) : 60, Standards: Product complies with: IEC 60601-1 and IEC60601-2-41 :Yes, Model Should be CE/BIS certified :Yes, Manufacturer should be ISO13485 certified: Yes

2. Ear Specula :-

Shape: Oval cone design, Material: Stainless Steel, antimagnetic, acid-resistant Supply: Set of 4nos.Diameter: 3mm, 4mm, 5mm& 7mm respectively. Sterilization / Disinfection: Completely reusable and fully autoclavable. Each instrument shall be embossed/etched with manufacturer's name, initials or recognized trade-mark and the words 'Stainless Steel' or letters 'ss' Manufacturer should be ISO 13485 certified, Product should be CE/BIS approved

3. Nasal Speculum :-

Type: Thudichum, Product: Nasal Specula, Profile: Set of 3(Adult sizes-4&5 & paediatric sizes-3), Specialty: Rhinology Instruments, Material: Stainless Steel (ASI410/420) Surface Finish: Satin , Sterilization / Disinfection: Completely reusable and fully autoclavable. Each instrument shall be embossed/etched with manufacturer's name, initials or recognized trade-mark and the words 'Stainless Steel' or letters 'ss', Manufacturer should be ISO 13485 certified, Product should be CE/BIS approved

4. Mouth Mirror :-

Type Mirror With Handle, Shape of Mirror: Round, Diameter of Mirror (mm) set: 18 millimetre & 20millimeter, Material of housing of the mirror: Medical Grade Stainless Steel(316/ASi410), Anti Fog Coating Yes, Thick Non-Slip Handle for perfect grip: Yes, Mirror should be With minimum 10 Cm Length of Handle: Yes, Mirror should be detachable from the handle: Yes, Extra light and handy for more fatigue-free working : Yes

GENERAL FEATURES

Product Description: Dental Mouth Mirror or Dentist's Mirror, Clinical Purpose: For allowing indirect vision by the dentist, reflecting light onto desired surfaces and retraction of soft tissues, Disposable or Reusable: Reusable, Sterile :Yes, Autoclavable: Yes, PACKAGING: Individually Packed, CERTIFICATIONS & REPORTS, Submission of Test Report from Central Govt./ NABL/ILAC accredited Lab to prove the conformity to declared specification at the time of supply: YES, Product certification: Manufacturer should be ISO13485 certified, Product should be CE /IS approved, WARRANTY & MAINTENANCE

Warranty (Yrs): Replacement warranty of 1year.

5. Tongue Depressor :-

MAYO TONGUE DEPRESSOR, Types shape Flat with round ends, Stainless Steel(ASI410/420), Surface Finish: Polish, Sterilization / Disinfection: Completely reusable and fully autoclavable. Each instrument shall be embossed/etched with manufacturer's name, initials or recognized trade-mark and the words 'Stainless Steel' or letters 'ss', Manufacturer should be ISO 13485 certified, Product should be CE/BIS approved, Child Size 140mm, Adult Size 200mm

6. Foreign Body Removal Forceps: -

Name: Alligator, Type: Forceps, Size: 5 1/2", Surface Finish: Polish, Curvature: Straight Jaws with angled Shanks, Working Surface style: Horizontally Serrated, Material: Stainless Steel (ASI410/420), Sterilization / Disinfection: Completely reusable and fully autoclavable. Each instrument shall be embossed/etched with manufacturer's name, initials or recognized trade-mark and the words 'Stainless Steel' or letters 'ss', Manufacturer should be ISO 13485 certified, Product should be CE/BIS approved

7. Otoscope: -

Diagnostic Otoscope rechargeable set is to be supplied in Leather / hard case preferably HIP (High Impact Plastic) with internal soft cushion material for easy portability and protection: Yes, Light source: LED bulb, Lamp Hour: 20,000 hours minimum /2years warranty of free replacement, Number of Spare bulbs to be provided along with the otoscope:0, Speculum adapter to be provided : Yes, Number of sets of different sizes of Ear Specula to be provided along with otoscope : 2nos (One for Adult & one for pediatric), Disposable :No, It should be reusable , Removable Otoscope head : Yes, Rotatable lenses : Yes, Rechargeable handle: Yes

Provision for variable light intensity : Yes, CRI: Minimum 90, Color temperature: 4300K minimum, CONSTRUCTION/FUNCTIONAL FEATURES, Material of the device body: Medical Grade Stainless Steel/Medical grade ABS body, Instrument Head Matt-black from inside: NA, Fibre optics for Cool Light Transmission: Yes, Magnification: 3x/3.5x, Wide angle viewing lens allowing instrument under Magnification: Yes, Provision of sealed system for Pneumatic otoscopy with detachable pneumatic bulb : NA, Voltage Rating of the bulb (Volts)(Min) :2.5/3/3.5, Type of rechargeable battery: Li-ion/Ni-Cd/AA, Capacity of the Battery (mAh):NA, Battery Voltage(Volts) : 2.5/3/3.5, Continuous runtime of the battery (Minutes): Minimum 60minutes, Charger to be provided along with the device: Yes, Weight (gms):200-300, STANDARD, Conformity to Standard: EU-CE/USFDA/BIS, Manufacturer should be ISO13485 certified.

8. Jobson Horn Probe: -

Jobson Horne Probe size: 5.5", Features: double end one side screw and other side round loop.Rust free sturdy construction for better grip.A light-weight, flexible and strong. Probes designed as a dual-purpose instrument with Curette loop at one end and a threaded section at the other for holding wrapped cotton wool. Reduced patient trauma due to smooth edges.Sterilization / Disinfection: Completely reusable and fully autoclavable.Each instrument shall be embossed/etched with manufacturer's name, initials or recognized trade-mark and the words 'Stainless Steel' or letters 'ss', Manufacturer should be ISO 13485 certified. Product should be CE/ BIS approved.

9. Tuning Fork: -

Nickel-plated steel, material thickness 8 mm, Frequency: 128 Hz / 512 Hz and 1024 Hz.Sterilization / Disinfection: Completely reusable and fully autoclavable. Each instrument shall be embossed/etched with manufacturer's name, initials or recognized trade-mark and the words 'Stainless Steel' or letters 'ss'. Manufacturer should be ISO 13485 certified. Product should be CE/ BIS approved.

10. Noise Maker: -

Bell made of brass. Minimum length -8.5cm and minimum weight -70gram. Should be child friendly. Manufacturer should be ISO certified.

11. Periodontal probe: -

Double ended periodontal probe. Provides accurate pocket depth measurement – and information on sub gingival calculus and other root surface unevenness, Ball end of ø 0,5 mm - Increases tactile sensitivity - Does not damage tissue or pierce pocket bottom, Sterilization / Disinfection: Completely reusable and fully autoclavable. Each instrument shall be embossed/etched with manufacturer's name, initials or recognized trade-mark and the words 'Stainless Steel' or letters 'ss', Manufacturer should be ISO 13485 certified, Product should be CE/BIS approved

12. Tooth Model: -

Enlarged mouth model with toothbrush to demonstrate correct brushing and dental care. This model is three times life size and has normal anatomy. It's great for teaching proper brushing and flossing techniques. This teeth care demonstration model features a mouth with 32 teeth at three times life-size, for closer observation, European CE Declaration according to 2014/53/EU and European Directive on Medical Devices, Manufacturer's Quality Certification according to ISO 13485 Yes, Packing Each model should be packed individually. Warranty 1 year

13. Torch: -

Should provide even field of light, Bright and natural white light by high performance LED. LED burns at least 20,000 hours. Metal /ABS casing. Easy to use with on/off switch. Includes blade holder, batteries and nylon case. Designed for durability, comes with a 2-year warranty including LED, Adjustable spot size from 2-5CM. Manufacturer should be ISO certified. Product should be CE/BIS approved

14. Tooth Extraction Forceps Set(Adult): -

GENERAL FEATURES

Product description: Dental Forceps for extraction of tooth, Purpose For dental extraction of tooth, Utility Dental surgeries of Adult,

PRODUCT INFORMATION

Items in Extraction forceps set: Upper anterior, Lower anterior, Lower molar (Right), Lower molar (Left), Upper molar (Left), Upper molar (right), upper premolar, lower premolar. Anatomically-designed beaks for a sure, effective grip: Yes, Thick and non-slip handle: Yes

Longevity and corrosion resistant material: Yes stainless steel (ASI 410/420), Cleaning, disinfection and sterility: All instruments autoclavable, DIMENSIONS & MATERIAL

Minimum Handle length (Cm):10, Material of all instruments :Surgical Grade Stainless steel(ASI410/420), Rockwell hardness (HRC): 1, Tensile strength (Mpa) : 1, STANDARD

Product conformity to standard ISO 13485, Product should be CE/BIS approved,

PACKING MODE

All the instruments along with user manual, warranty card, Dehumidifier, Cleaning brush, Cleaning cloth etc packed in a carrying case : Yes, Packing Each carrying case packed Individually

CERTIFICATIONS & REPORTS

Submission of Test Report on form 39 or from Central Government /NABL/ILAC accredited Lab or Manufacture's in-house Test Report to prove the conformity to declared specification at the time of supply Yes

Product conformity certificate is to be provided to the buyer at the time of supply Yes

WARRANTY

Minimum Warranty (yrs) : 5 years replacement

15. Binocular Microscope

Microscope Type: laboratory binocular non-hinged type with built in light and with light intensity regulator. Conformity to Indian Standard: Research IS:5204 latest. ISI MARKED :NA. Eye piece Type :Compensating. Binocular Eye pieces Confirming to the requirements of IS: 8275/1976 (latest) :Yes. Eye Piece with magnification :Set of Two For Binocular 10x. Objective Type : achromatic. Objective Magnification :100X,40X,10X,4X. Numerical Apertures of Objective: 1.25. Type of lamp for Illumination :LED. Plano Concave mirror attachment :Yes. Stage : Rectangular Size of Stage : 76 X 40 MM/Standards Size. Coarse and Fine Movement of stage:Yes. Co-axial focusing :Yes. Micrometer Arrangement :No

ACCESSORIES

Extra eyepieces (inclusive in the scope of supply) : NA. Carrying case (inclusive in the scope of supply):Yes. WARRANTY. Warranty 2 year.

CERTIFICATION

Availability of Test Report from Central Govt/NABL/ILAC accredited lab to prove conformity to specification No. Test Report No and Date N.A. Name and Address of the

Lab N.A. Manufacturer Should be ISO13485 certified. Model should be CE/USFDA /ISI approved

16. Near Vision Chart: -

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

17. Color Vision Chart: -

- Individuals with color vision defect should see a different figure from individuals with normal color perception.
- Makes use of the peculiarity that in red-green blindness, blue and yellow appear remarkably bright compared with red and green
- Diagnostic plates: intended to determine the type of color vision defect.
- International standard test chart books for color deficiency 38 plates with user manual
- Book should be specially printed to measure incrementally higher color sensitivity and specificityManufacturer should be ISO certified.

18. Snellen's Chart: -

Snellen chart with Red/Green bar to test visual acuity.

Assessment distance 6m.Size: 23 x 35.5 cm

19. Stadiometer

Standards:

- Conformity to Stadiometer as per ICDS standards: Yes
- Stadiometer designed to Measure Height of Adult and Children aged 24 Month and Above inVertical Position: Yes

Performance Parameters

- Smallest Graduation for Stadiometer (cm) : 0.1 cm
- Accuracy for Stadiometer (cm) : (+/-)0.1 cm
- Precision for Stadiometer (cm) : (+/-)0.1 cm

Dimensional and Material Parameters

- Unit of Measurement: In Centimetres
- Measuring Length in vertical position of Stadiometer (should be able to measure up to 200 cm at least) :200 centimetre
- Width of board for stadiometer (cm):Approx. 5.5 cms
- Width of board for stadiometer (cm):Approx. 5.5 cms
- Material of Board: mild steel rust proof

Additional Features

- No part Should be Loose or Shaking During Transportation: Yes
- Double sided graduation Parallel to Board for Easy Measurement: Yes
- Stable connection assuring precise and accurate measurement: Yes
- No need of calibration as all parts have prefixed position: Yes
- Stadiometer should have Firm flat surface: Yes

- Designed for heavy duty use in demanding conditions: Yes
- Simple and fast set up, no tool (screw driver etc) required: Yes
- Orientation of numerals on the measurement scale: parallel to the board: Yes
- Stadiometer should have large foot plate providing extra stable base and smoothly gliding measuring slide/wedge: Yes
- Stadiometer shall have Adjustable feet for stability on uneven or soft ground and also spirit level indicator to check flat surface: Yes
- Fold-up Mechanism and low-weight, making it compact and easy to transport: Yes
- Stadiometer shall be free from sharp edges and corners : Yes
- Stadiometer shall have friction feature between board and measuring slide/wedge for preventing the latter from drooping when released: Yes
- Durable, Resistance to excessive Humidity, High temperature resistant, water resistant and shock Resistant :Yes

Stadiometer supplied with :

- 1 Carry bag or carry case made of long lasting fabric, zipper closer
- (ii) removable, adjustable shoulder/back strap(s) and
- (iii) small side pocket for storage of operating instructions, loose parts and/or stationery material :Yes
- Stadiometer supplied with Instructions for use, training, maintenance and trouble shooting in English, Hindi and any other regional language as per requirement, appropriately illustrated with pictograms : Yes
- Packed in a carton box which should be of sturdy quality and provides adequate protection of the goods while in transportation :Yes
- Reports Model approval from Director (Legal Metrology) : Yes
- Certificate number and date from Director (legal Metrology) Department :IND/--/--/--- DATED:--/--/20--
- Type Test certificate including Environmental conditions from Regional Reference and standard laboratory (RRSL) : Yes
- RRSL Certificate Number, date and address
- Calibration from concerned weight and measurement controller ate to be obtained at the time of supplies : Yes
- Model approval certificate, Type test and calibration certificate to be furnished if asked by buyer at the time of supplies: Yes

20. Digital BP Apparatus: -

Type Of SPHYGMOMANOMETERS or Blood Pressure recording unit: **Digital**
 Conformity to Indian Standard for SPHYGMOMANOMETERS : **NA for digital**
 Measuring device : **Automated**. Type : **Integrated**
 ISI MARKED : **NA for digital**. Measurement Method : **Oscillometric**
 Display for Digital BP instrument: **LCD(Liquid Crystal Digital) Display**
 Range: Pressure measurement (mmHg) : **0 to 300**
 Range: **Pulse measurement for digital with accuracy & plusmn; 5%. (per minute) 40 to 200**. Accuracy: Pressure measurement (mmHg) : **+/- 3**. Pressure Detection : **Capacitive Pressure sensor**. Inflation Automatic Pressure Application by pump. Deflation and rapid Air Release : **Automatic Pressure Release Valve**. Cuff Range : **Medium (22-32)cm**. Cuff: **disinfect able one piece and bladder cuffs, tested according to ISO 105 EO1/ equivalent standard**. Operating Temperature range : **0 to 55 degree Celsius**. Stroage Temperature range : **(-10) to 55 degree Celsius**. Automatic power off if system is idle for 3 minutes :**Yes**. Weight (in gram) :**230**. **Power**
 Power Source: **AA size chargeable battery set**. Type of AA Size chargeable Battery (AA Size) :**Alkaline/ Li-ion**. **WARRANTY, CERTIFICATIONS, TEST REPORTS**
 Availability of Type Test Report covering complete test parameters as per IS3390 latest for Mercurial and IS7652 latest for Aneroid type, from any ILAC/NABL accredited/Central GovLABFor digital type including Environmental test from any ILAC/NABL accredited/Central Gov LAB : **Yes**. CE Marking Certificate for B.P. Apparatus

Model. Yes. For Digital Sphygmomanometer ,Availability of Type test reports consisting of verification of all the features & functional parameters & environmental tests sequences as under: a) Dry heat test (For 16 hours at a temp of 55degree C in accordance with IS: 9000/part-3/section-3/1977)latest : **Yes**. For Digital Sphygmomanometer Cold test(For 4 hrs at a temp of (-10) degree C in accordance with IS: 9000/part-2/section-3/1977latest c) Damp Heat Cyclic Test (For 2 cycles of 24 hrs at a temp 55 degree C & 95% RH in accordance with IS: 9000/part-5/section-1/1981)latest Note:- The BP Instrument shall be checked for all the parameters before conditioning After completion of the above environmental tests sequence, with a recovery period of 1 to 2 hrs, BP Instrument shall be functional " Yes

21. Aneroid BP apparatus: -

CONFIGURATION DETAILS

Type Of Sphygmomanometer: **Aneroid. Design:** Corrosion resistant shock proof body, chrome plated metal/ stainless steel pressure control valve. Conformity to Indian Standard for SPHYGMOMANOMETERS :**IS 7652 latest for Aneroid. Measuring device :Mechanical**

Type :**Portable. Measurement Method:auscultatory. Display for BP instrument:**Gauge's background in white color. Graduated scale for ever/ 2mmhg, every 10 units and every 20 units.

Range: Pressure measurement (mmHg) : **0 to 300. Accuracy:Pressure measurement (mmHg) +/- 3. Pressure Detection: NA. Deflation and rapid Air Release: Manual**setting of deflation possible up-to 2/3mm Hg/sec. From 260mmHg To 15mm Hg in a maximum deflation time of 10 seconds

Cuff Range: **(22-32)cm. Cuff Type:** Nylon straps cuff with pouch, latex bulb with completely chromium plated valve with regulation of vent-hole air by screw valve. Sterilization / Disinfection: **The cuff should be disinfect able one piece and bladder cuffs, tested according to ISO 105 EO1/ equivalent standard.** Tube : Single rubber tubes used should have an internal diameter of 3 ± 0.5mm and the external diameter should not be less than 8mm

Dimensions of the Equipment (mmXmm): NA

Dimensions of the Dial screen (mmXmm) : The dial manometer with diameter of 50 mm-60mm

Operating Temperature range 0 to 55 degree Celsius

Stroage Temperature range (-10) to 55 degree Celsius

Weight (in gram) 150

WARRANTY, CERTIFICATIONS, TEST REPORTS

Availability of Type Test Report covering complete test parameters as per IS7652 latest for Aneroid type, from any ILAC/NABL accredited/Central GovLABFor digital type including Environmental test from any ILAC/NABL accredited/Central Gov LAB: Yes

CE/IS Marking Certificate for B.P. Apparatus Model. Yes

22. Urine Analysis(DIPSTICK): -

Specification of DIPSTICK:Dipsticks for urine test for protein and sugar (1 container of 100 strips).

Product :Urine Test Reagent Strips. Purpose : To determine pathological changes in a patient's urine in standard urinalysis. The entire reagent strips should be disposable: Yes. Each strip should be stable and ready to use upon removal from the bottle Yes. Urine Reagent Strips provide tests for the following parameters:1. Glucose, 2. Bilirubin. 3. Ketone (Acetoacetic acid). 4. Specific Gravity. 5. Blood. 6. pH. 7. Protein. 8. Urobilinogen. 9. Nitrite

10. Leukocytes. 11. Ascorbic Acid in Urine.

The Urine Reagent Strips should be packaged along with a drying agent in a plastic bottle with a cap to provide complete air tight. Each strip should be stable and ready to use upon removal from the bottle. The entire reagent strip should be disposable. Results are obtained by direct comparison of the test strip with the color blocks printed on the bottle label. All the reagent strips should be withstand at a room temperature between 15°-30°C (59°-86°F) and out of direct sunlight. The minimum self-life of the urine strips should be 1year unopened and minimum 3months once it is opened. The required controlled shall be provided along with the strip packet. The strip pack sizes should be of 100 sizes.Quality Standards: Availability of Test Report from Central Govt/NABL/ILAC accredited Lab to prove the conformity to the declared specification (Proof of the same to be submitted to buyer on demand) : YES Availability of Valid Drug License

from the appropriate Drug Authority defined under Drugs and Cosmetics Act, 1940(Proof of the same to be submitted to buyer on demand) For Manufacturing Urinalysis Strips, For Sale or Distribution of Urinalysis Strips

Drug License Number: To provide Drug License date : To provide ISO 13485/ ICMED 13485 Certified Manufacturer (Proof of the same to be submitted to buyer on demand): YES
 CE(IVD) /BIS approved Manufacturer should be ISO 13485 certified.

23. Peak Flow Meter: -

The PeakAir Peak Flow Meter is used to measure your “Peak Expiratory Flow Rate,” which is simply the highest speed you can blow air from your lungs. Type: Mechanical Peak Flow Meter. Instant readings to help track any changes in the air flow. Dual Flow Range: Accurately measures for both adults and children. Compact, lightweight and portable. Built-in flexible three zone management system. Easy- to- read numbers. Measurement Range 40-800 L/min. Accuracy and repeatability assurance. Washable. Standards. EN ISO 23747: 2009 compliance. CE Approved/BIS . Manufacturer should be ISO 13485 certified. WARRANTY: The product is available with 1-year warranty. Peak Flow Meter-1, Reusable Mouthpiece-4 nos(2-Children & 2 Adults), Instruction Manual

24. Lab Autoclave: -

Type of Sterilizer: **VERTICAL CYLINDRICAL Steam Sterilizer Pressure type Sterilizer Chamber size:** 300 mm (Diameter) x 350 mm (Length), with Silicon door gasket (expansion type). Electric load of the unit shall be: **2-3 KW**. Steam supply to Sterilizer : Steam Generation by electrically heated using immersion heaters wired for operation on 1 phase wire 230 Hz AC supply [with immersion heaters having mineral filled sheathed heating elements conforming to IS: 4159/2002 duly BIS marked and complying with safety requirements as per IS : 302-2-201(1992)] it should work with 1 phase 220/230 V 50 Hz AC supply. Material: Sterilizer parts; Chamber, Jacket, Door, Door Ring and shall be made of SS 316/SS316L. Type of control: Manual Provision of Lock on Steriliser Chamber door: Manual Lock. Display facility for Sterilisation Cycle parameters : Manual pressure Gauge Steam & vacuum release valve . Warranty Period: 3 year. Pressure, Steel & Spore Test Certificate from a Govt/NABL/ILAC approved testing laboratory shall be furnished by Seller to Buyer for the offered. Product should be CE/BIS approved Conformity to standard for electrical safety latest amendment : IEC – 60101. Manufacturer should be ISO13485 certified

25. Incubator: -

Conformity to Standards: CE/BIS. Conformity to standard for for electrical safety latest amendment : IEC - 61010

Performance Parameters

Purpose Bacteriological incubator are used for the incubation of biological products under controlled conditions

Type of Incubator : Bacteriological Incubator

Capacity in Litres 20

Material of Inner Chambers: SS 304

Material of Outer Chamber: CRCA (powder coated point) Steel

Ambient Temperature in °C: 5°C above ambient to 60 °C (Bacteriological Incubator)

Temperature Accuracy in °C: ±0.5°C

Temperature Uniformity in °C : ±2°C

Insulation : Glass wool

Controller : Microprocessor based PID control

Digital Display of temperature in °C : Yes

Type of Display : LED

Type of Temperature sensor : PT100

Power supply : 220 V , 50 Hz Single Phase

Door: Insulated door and fitted with heavy hinges and should have Toughened glass window Air circulation fan

Type of Shelves : Removable

Material of Shelves : SS wire mesh

Number of shelves : 2

Size of incubator (L x W x H) in mm x mm x mm: NA

Weight in kgs: NA
Auto power break off: No
Over temperature protection: Yes
Safety alarm system : Yes
Instruction manual to be provided : Yes
Warranty in Years : 1

Standards

Manufacturer should have ISO13485 certification: Yes
Copies of all certifications and reports to be provided to buyer on demand at time of supplies:
Yes. Product should be CE/BIS approved

26. Micro Pipette: -

Clinical purpose: Pipettes are most appropriate tools for drawing & dispensing of samples for users in the field of clinical diagnostics, control analysis and other areas. Technical Specification: Should have ergonomic design with light & smooth plunger action Should have soft feel handle grip having both left & right hand operation. Pipette handle should have thermoplastic elastomeric to prevent transfer of body heat to pipette volume during continuous usage Fully autoclavable: Entire pipette can be steam autoclaved at temp. Of 121 0C Should have larger & clear 3 digit display giving smaller increment for wider selection of volume Volume range should be of 10-100µl with increment of 1 µl Accuracy: 0.8 to 5% Should have locking mechanism to prevent accidental volume change during pipetting Should have one hand eject facility Should have in house clinical, repair and calibration facility The tip cone should have leak free operation, smooth and light loading operation with choice of using variety of tips. Should be compatible to universal tip types. Should be available with different color codes. Warranty: 3years.

Quality Standards:

- Should be USFDA/CE (IVD) approved product
- Manufacturers should have ISO 13485 certification for quality standards
- Should be applied with individual QC & calibration report according to ISO 8655.

27. Centrifuge-8 Tubes: -

Performance Parameters. Purpose: Separating Serum from blood or for urine sedimentation
Centrifuge Design: Bench Top. Weight including Default Rotor in kg: NA. Auto cut off: Yes
Timer provided: Yes. Maximum RPM 3000-3500. Number of steps for RPM variation :In steps /Continuous. Incremental Steps of Variable RPM :300-400. Type of Motor: Brushless (without carbons). Maximum Noise level when working at 1 meter distance in db 50. Ambient operating Temperature range in Degree centigrade Celsius and humidity range 0 to 50 degree centigrade and Relative humidity 15 to 90%. Rotor imbalance diagnostics and automatic stop if required: Yes. Facility to ensure that In case Machine is running and lid is opened with manual lock by user , machine shall stop: Yes. Maximum Timer Set range 60 minutes. Timer settings Provided :interval of 10 seconds up to 1 minute and over 1 minute up to 60 minutes in interval of 1 minute:NA. Display :LED /LCD. Speed Controller : Microprocessor controlled preprogrammed speed controller. Speed Control: Accuracy in case of set speed (Plus minus RPM). Rotor configuration: Swing Out Rotor. Rotor Feature with reference to Autoclavability: Autoclavable Rotor @ 121 Degree Celsius, Maximum Volume of the tube testable: 15 ml centrifuges tubes Rotor Size: 8X15ml. Power supply :Single phase, 230 V 50 HZ AC Source. Power consumption in watts: 500Max . Length of Power cord in meters 2. The Equipment shall be installed and demonstrated before Acceptance installation and demonstration: Yes. Accessories: Spanner to tight or loose Nut of Rotor on Motor shaft head puller, spare rotor nuts ,fuse-2, Warranty in Years 3. Material Parameters: Assembly Material for manufacture of Medical Centrifuge: Consists of Die cast Aluminum, Aluminum sheet, Stainless Steel, CRC Steel, Plastic and Rubber Lid Material of Medical Centrifuge : mC.R.C Steel Finish with Powder Coating or stove painting / ABS Plastic of injection molding. Body Material of Medical Centrifuge: C.R.C Steel Finish with Powder Coating or stove painting / ABS PLASTIC OF injection molding, Centrifuge Bowl material of Medical Centrifuge: 304 Quality Stainless Steel Molded. Material of Rotor : Aluminium, Standard:

ISO13485 certification for Manufacturer: Yes. Copies of all certifications and reports to be provided to buyer on demand at time of supplies Yes. Product should be CE/USFDA/BIS approved

28. Needle Destroyer: -

GENERAL Purpose : To destroy the used injection needles by instant electro melting process and to cut syringe tips manually using the appliance. **Type :** Portable and electrical. **Principle of operation :** Electro-melting type. **CONSTRUCTION.** Suitable sliding tray shall be provided for collection of residue and destroyed syringe tips : yes. **Material of the Housing /enclosure :** ABS Plastic. **Housing/enclosure shall be moulded type and shock proof:** yes. **Provision to burn the needles and to cut the syringe tips shall be provided in the unit :** yes . **Manual cutter provided in the equipment** Made of hardened blade of anti-corrosive SS material. **Transformer winding :** Copper. **FUNCTIONAL.** Number of needles of 1mm dia and 80mm length that can be destroyed in continuous operation of 5 minutes 50. **Sizes of injection needles of all kinds which can be destroyed** Dia Ranging from 0.4mm to 1.6mm (26 SWG to 14 SWG) with length 12.5mm to 80mm. **ELECTRICAL.** **Power supply :** 207V to 253V,50Hz AC supply. **Power ON/OFF switch with indicator shall be provided :** YES. **Rated power(Watts):** 60 Watt. Shall be provided with fuse and power cord of min 3m length and earthing point : YES. **Manual of usage instructions :** To be supplied by the supplier. **CERTIFICATIONS.** **Manufacturer should be ISO-13485. Comply in general to IS:302Pt-1/1979 to ensure safe and reliable operation in normal use:** YES. **Occupational health and safety certification from approved bodies as per OHSAS 18001-2007 :** YES. **CE /BIS Certification from approved bodies :** Yes.

29. Nebulizer: -

Product Quality Standard:

- Should be USFDA or European CE approved product (CE certificate must be issued by notified body).
- Manufacturer should be ISO 13485 certified
- Should comply with IEC 60601 safety standard.

Description of Function: Nebulizer is a device used to administer medication to people in forms of a liquid mist to the airways commonly used in treating Naked hard or cystic fibrosis, asthma, and other respiratory diseases.

Technical Specifications:

- Should be of Heavy duty compact nebulizer
- Heavy duty, Compact, lightweight, low noise(45dB ±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 to 2.5 bars
- Operating pressure: 1to1.5bars
- Normal Air Flow: 41pm
- Should produce particle of size 1 to 5 micron.
- Mass median Diameter (MMD): 2.5 to 3µm.
- Output rate: 500gm/Min
- Made of Heavy duty ABS body
- Power supply: Power input to be 220 to 240V AC. 50Hz fitted with Indian plug of appropriate rating

30. Shoulder Wheel/ Over Head pully/ Shoulder ladder: -

Clinical use: Used for improving mobility & strength of shoulder girdle & rotator cuff muscles in case of frozen shoulder, paresis & paralysis cases.

Technical Specification:

A.Shoulder Wheel:

It should be a wall mounted one. The wheel for use of adult and pediatric The motion arc can be adjustable from 10 to 38 inches by adjusting the handle. The wheel shall be mounted on a two chrome plated height adjustable (8" to 26") rails. The resistance can be varied by turning the resistance knob. The manufacturer should be ISO certified

B. Over Head Pulley: Heavy duty,

medical grade, shoulders pulley exerciser for physical therapy use. □ Over the door metal bracket allows easy one hand setup. □ Units with a door strap require two hands, which is difficult with an injured shoulder. □ Easily adjustable cord length for any height and for use in both seating and standing position. □ The overhead pulley should have the provision of wall mounting.

C. Shoulder Ladder: □ Wood Finger/Shoulder Ladder
 □ 32 vertical finger steps □ Solid wood with heavy topcoats □ Pre-drilled mounting holes
 □ The manufacturer should be ISO certified.

31. Lumber & Cervical Traction with Bed

. Lumber & Cervical Traction with Bed

1.1: Clinical Requirement: A cervical/lumbar traction device is used to help relieve pain associated with Cervical & Lumbar spine in case of Prolapsed inter vertebral disc, Listhesis of vertebra, Spinal nerve root Compression etc. and nerve root impingement. It also Spine and skeletal system, gently stretching the tight muscles and soft tissues of the spine area. By helping to open the space between the compressed vertebrae, a traction device assists in releasing the tension and pressure of the vertebrae structure.

1.2 Technical Specification:

- Microprocessor/ microcontroller based unit for treatment of cervical & lumbar regions of patient.
- It should be microprocessor controlled for smooth traction effect.
- The therapy time, HOLD and REST times should be easily programmable.
- Should be provided with Adjustable, single size PELVIC and THORACIC belts and the head halter fit for adult patient.
- The unit should have LED indicators for hold and rest time.
- Buzzer indicator for completion of treatment
- Separate selection for cervical and lumber
- The unit should be sensitive to weight for accurate operation.
- Force-4-90 Kg with doubler
- Cervical tension-4, 6, 8, 10, 12, 14 (Kg)
- Lumbar tension-18,21,24,27,30,33,40,45 (Kg)
- All the above increments are must be in steps.
- Mode: static and intermittent - cervical as well as lumbar
- Hold time-10-80 (Sec) adjustable in continuous mode.
- Rest time 1-20 (Sec) adjustable in continuous mode
- Treatment time - 1 to 30 minutes Adjustable.
- Patient control switch option should be there for safety.

1.3. Power Supply: The unit should work on 230volt & 50HZ supply

The unit should have inbuilt over voltage protection.

1.4. Quality Standard:

The model should be USFDA/CE/BIS certified

The manufacturer should be ISO13485 certified

The model should be compliance toelectrical safety standards of IEC60601-1

1.5. TRACTION BED (MANUAL)

- Traction Bed - 3Fold sliding for horizontal cervical and lumbar traction
- Made of complete MS frame with wooden TOP Bed Dimensions:: 6' (L) x 2.5' (W) x 2.5' (H)
- Provided with appropriate dimension of mattress of 2inch thickness made of 40density PUF and cover with heat resistance rexin.
- Fully made on 30mm square tube with 18 gauge thickness.
- The lumbar section should roll freely on rollers for friction-free lumbar pull.
- The Cervical traction angle should controlled by vertical adjustment of the Machine mounting board.

1.6. Flexion stool: Adjustable Height range of 13"-20" which allows the therapist to place the lumbar spine into neutral or flexed position increasing patient comfort during traction treatments.

The manufacturer should be ISO certified.

32. TENS (Standalone Type)

Technical Specification

Type of the system: The model should be standalone table top model (Not Pocket/hand Held type)

Modes: Continuous, burst, linear, trapezoidal and nonlinear.

Treatment Timer: Adjustable Digital timer ranging from 0-30 minutes

Preset Program: The system should have Minimum 10 preset programs for easy operation.

Battery Life: Approx. 50 hours at nominal settings, Approx. 70 hours at nominal settings.

Power Supply: 230V AC, 50Hz line voltage along with internal battery backup.

Pulse Width: Adjustable 30 to 260 microseconds/60 to 250 microseconds/ 60 to 300 microseconds

Number of Channels: 4-Channel

Pulse Rate: Adjustable 2 to 150 Hz/4 to 150 Hz Battery Type: Alkaline/NiCad battery

Rechargeable Battery: Yes, Warranty: 3

Quality Standards

a) The model should be USFDA/ CE notified/BIS of the model specific to be certified. Certificate furnished in the Bid.

b) The Manufacturer should be ISO13485 /ICMED 13485 certified.

c) The model should be compliance to electrical safety standards of IEC 60601 1 Test certificate of the quoted model should be furnished in the Bid

33. Hydro Collator Unit: -

Clinical Use: A moist heat modality use as a superficial to medium penetration thermotherapy modality. Clinically use for chronic pain management & joint stiffness cases.

Technical Specification: Water tank made up of Stain less steel inner & outer Cabin (20-25 Gauge thickness). High grade thermally insulated Static/Movable base Top lid of stainless still, thermally insulated with Fibre handle. Product Type: Table Top. Dimensions: NA Tank capacity: 10- L Temperature range: 50-90 degrees Celsius Thermostatic temperature control (50 - 90 degree C) - Auto cut-off Thermal cut-out temperature Temperature accuracy: +/- 10% Heat-up time to 90 degree Celsius: in 3 hrs.

Cool-down time from 90 degrees Celsius: 2 hrs. Power supply Mains power: 220-230 V, 50/60 Hz. Power consumption: 1000Watt. Safety Standard . Electrical safety class: Class 1, type B. Safety tests: Conforms to IEC 60601-1. Quality Standard: The model should be CE/BIS approved. The manufacturer should be ISO13485 certified. Accessories must include:

Hydro collator Moist Heat Hot Pac : Standard Size-1, Over size-1, Cervical Standard size-1, Hydro collator Knee or Shoulder HotPac-1. Cotton Towel: 4 pieces.

34. Traction Bed: -

i. Traction Bed – 4 Fold

ii. Size : 6 (L) x 2.5 (W) x (H) 3 feet

iii. For horizontal cervical and lumbar traction.

Should have complete with Storage Shelf & a Flexion Stool

Manufacturer should have ISO certified.

Product should be CE/BIS Certified

35. Adjustable Walker

Product type: Frame type, foldable walker

Purpose: Walking training device for improving postural alignment while walking, overcoming musculoskeletal impairments and for improving mobility anterior support with less energy consuming Usage Youth & OLD

PRODUCT INFORMATION

Posture control possible: Yes

Light weight: Yes

Wiped clean with a damp cloth: Yes

Safety mechanism provided to prevent the user from slipping while walking: Yes

Foldable for easy storage and transportation: Yes

Anterior support: Yes

Forearm Supports with latex free flanged hand grips: Yes

DIMENSIONS, MATERIAL & WEIGHT Stainless steel tubular Material frame: frame

Height of walker with standard wheels (cm) NA

Height of walker with activity wheels (cm): NA

Distance between hand grips (cm): 34

Frame width (Cm):58 to 60

Frame length (cm): 52-59

Maximum user weight Frame weight (kg): 100

PACKING MODE: 2.5 to 3.0

All the main parts and accessories are individually bubble wrapped and packed in a strong box to avoid transit damage Yes

Certification Available: ISO13485 for manufacturer Product should be CE/ BIS approved

WARRANTY: 1 year

36. Walking Sticks

Purpose: Strength & Support Adjustable Height

Walking Stick of 3/4Lees

Material: Aluminium

Length:75-95cm

Weight:Max 0.85Kg

Grip handle

Quality Standard: Manufacturer should be ISO certified

37. Cervical Traction (Manual): -

Cervical Traction Kit is a complete apparatus designed to provide traction to the cervical and upper dorsal vertebrae.

Cervical traction Kit includes the following:

- Traction Pulley Bracket
- Cervical Traction Head Halter Cervical
- Traction Spreader Bar VAS
- Traction Cord (Nylon rope) 5meter.
- Traction Weight Bag with weights

Controlled continuous traction

Easy removal and application

Reduced frictional losses

Durable and sturdy for a long life and multiple use. Can be used in sleeping posture. Pulley is ergonomically designed to fit any bed side. Soft padded head halter provides a comfortable interface for the traction, is easy to wear and use. Manufacturer should be ISO13485 certified Product should be CE/BIS certified.

38. LUMBAR TRACTION MANUAL

It strengthens broken bones, immobilization or relieving pressure on the skeletal system.

Composition:

Universal type

Includes pelvic belt, spreader bar & 3 meter long cord

It contains traction water and sand weight bag traction pulley bracket

The pelvic traction belt traction cord and 8 kg weight

Manufacturer should be ISO 13485 certified.

Product should be BIS/CE approved

39. Exercise Bicycle: -

i) Tubular steel frame on properly balanced legs with four rubber tips

ii). Fitted with one hard rubber type wheel, standard chain and a socket

iii). Seat should be adjustable

iv). Should be fitted with a ball bearing resistance roller which permits controlled movement in riding

v. LCD/LED display with speedometer.

vi. Warranty: 3 Years

Manufacturer should be ISO13485 certified

Product should be CE/BIS certified

40. Grip Exerciser

Grip Exerciser: Use for strengthening of hand grip.

- Chrome plated finished, metallic grip exerciser is fitted on a 75mm wide laminated base.
- Suitable for patients with very weak/infirm hand.
- Gives heavy resistance with Six detachable springs.
- The upper bar is calibrated in centimeters and is provided with a needle to mark & record the daily progress.

41. Gait Training Apparatus/ Parallel bar: -

Clinical Use: It use for horizontal surface gait training, Coordination training of lower limb in various neurological conditions like paralysis, GBS, Parkinson etc.

Technical Specification

The parallel bar should be a height adjustable; plat form based one which should be very simple for easy accommodation of multiple patients of age group.

The handrails should be in single piece, circular in design stainless steel ribbed pipe of minimum diameter 1 1/2".

Both the end of the handrails should be fitted with bumpers.

The Uprights should be made of heavy gauge square 1 1/2" steel tubes.

All parts should be powder coated except the handrail. The handrail should single piece stainless steel pipe.

The uprights are to be fitted on a 1 1/2" thick hard plywood base water and termite resistance. Both end of this platform should be curved slope for obstruction free. The platform should be stain finish.

Both the end of the plat form should have two anti-slip threads for none skidding. Safety treads at both ends of platform should be provided for safety of the patient when take turn.

Models make it safer for patient to turn Minimum dimension of the structure:

Length of the bar: 10feet

Width of the bar: 25"-28"

Height adjustment of the Bar: 26"-39"

The manufacturer should be ISO 13485 approved.

42. Thera Bands /Elastic Bands

Thera hands /Elastic bands [Flat type]:

Clinical use: Stretch-It a resistive treatment & exercise system with unlimited options Technical specification:

With each roll of 15cm wide x 5 meter long bands.

Full Set of Five rolls come in following FIVE resistances for adult use.

Material latex-free, powder less professional-grade resistance band.

(a) Light: Yellow. (b) Medium-Light: Red.

(c) Medium-Heavy: Green (d) Heavy: Blue. (e) Extra-Heavy: Black.

43. Peak Flow Meter

The Peak Air Peak Flow Meter is used to measure your "Peak Expiratory Flow Rate," which is simply the highest speed you can blow air from your lungs.

Type: Mechanical Peak Flow Meter

Instant readings to help track any changes in the air flow.

Dual Flow Range: Accurately measures for both adults and children.

Compact, lightweight and portable

Built-in flexible three zone management system

Easy- to- read numbers

Measurement Range 40-800 L/min

Accuracy and repeatability assurance

Washable

Standards

EN ISO 23747: 2009 compliance

CE Approved/BIS

Manufacturer should be ISO 13485 certified

WARRANTY: The product is available with 1- year warranty.

Peak Flow Meter-1, Reusable Mouthpiece-4 nos (2- Children & 2 Adults), Instruction Manual

44. PHYSIOTHERAPY KIT

1. TENS 1 Nos.
2. TENS MST: 1 Nos.
3. Portable Ultrasound 1 Nos.
4. Therabands Set 1 Nos.
5. Hand Gripper 1 Nos.
6. Portable Pulleys 1 Nos.

7. Finger Extensor Band:1 Nos.
8. Ultrasound Gel Bottle 1 Nos.
9. Cotton Roll 1 Nos.
10. Carry bag 1 Nos.

1. TENS

Technical Specifications

- Type of the system: The model should be Hand Held type.
- Therapy Modes: Continuous, burst, linear, trapezoidal and non linear
- Treatment Timer: Adjustable Digital timer ranging from 0-30 minutes:
- Preset Program: The system should have Minimum 10 preset programs for easy operation
- Battery Life Approx 150 hours at nominal settings
- Power Supply 230V AC, 50Hz:
- Pulse Width: Adjustable, 30 to 260 microseconds/Adjustable, 60 to 250 microseconds/
adjustable, 60 to 300 microseconds
- Number of Channel: 4
- Channel Pulse Rate Adjustable: 2 to 150 Hz/4 to 150 Hz
- Battery Type Alkaline, NiCad battery Rechargeable Battery
- Warranty: 3

Quality Standards

- a) The model should be USFDA/ CE-notified/ais certified. Certificate of the model specific to be furnished in the Bid.
- b) The Manufacturer should be 15013485/ICMED 13485 certified
- c) The model should be compliance to electrical safety standards of IEC 60601-1.Test certificate of the quoted model should be furnished in the Bid

2. TENS MST

Rechargeable TENS Unit+Muscle Stimulator

The system should be standalone type/portable with facility of TENS & MST.

Digital technology

Number of Channels: 2 Channels

Maximum Output Current: 0-60mA

Modes Plain Galvanic, Pulsed Galvanic, Plain Faradic, Surged Faradic programs, lonto, Plain TENS, Surged TENS

Should have Inbuilt programs (Minimum 8).

Adjustable treatment timer 0-30min minimum and intensity.

Additional currents: Russian Current

Low battery indicator

Accessories:

- I. Supplied with reusable pads: 4nos
- II. Supplied with battery: 4nos
- III. Clip Holder
- IV. 2 Wires
- V. Storage Bag

Quality Standards

- a) The model should be USFDA/ CE notified/BiS certified. Certificate of the model specific to be
- b) The Manufacturer should be 15013485 /ICMED 13485 certified
- c) The model should be compliance to electrical safety standards of IEC 60601-1,Test certificate of the quoted model should be furnished in the Bid

3. Portable Ultrasound

- Portable Hand held type Ultrasound therapy unit
- Output: 1 Mhz
- Mode: Continuous and Pulse
- Timer: 1 to 30 min
- Battery operated
- Weight: 200-250 Grams
- Display: LCD/LED
- Warranty 3.0

- The unit should have minimum 10 preset program for easy operation
- Supplied with
- Ultrasound gel (250 ml)
- Power supply cord

Quality Standards

- a) The model should be USFDA/ CE notified/BIS certified. Certificate of the model specific furnished in the Bid.
- b) The Manufacturer should be ISO13485 /ICMED 13485 certified
- c) The model should be compliance to electrical safety standards of IEC 60601-1. Test certificate of the quoted model should be furnished in the Bid

4. Therabands Set

Thera bands/Elastic bands (Flat type):

Clinical use: Stretch-It a resistive treatment & exercise system with unlimited options

Technical specification:

With each roll of 15cm wide x 5 meter long bands. Full Set of Five rolls come in following FIVE resistances for adult use.

Material: latex-free, powder less professional-grade resistance band

- (a) Light: Yellow.
- (b) Medium-Light: Red.
- (c) Medium-Heavy: Green.
- (d) Heavy: Blue.
- (e) Extra-Heavy: Black

5. Grip Exerciser: Use for strengthening of hand grip

- Chrome plated finished, metallic grip exerciser is fitted on a 75mm wide laminated base
- Suitable for patients with very weak/infirm hand.
- Gives heavy resistance with Six detachable springs.
- The upper bar is calibrated in centimeters and is provided with a needle to mark & record the daily progress.

6. Finger Extensor Band

Purpose: Grip strengthening, Balance and stabilizing the Wrist

Finger Stretcher Hand Resistance Bands

Color: Multicolor

Material: Silicon

Set: 3 pieces

Size: Standard

Resistance Level

- a) 3kg/6.6lb
- b) 4kg/8.8lb

45. Multi Para meter Moniter (5 Para)

Physical Specifications

- Power requirements: AC 100-240V, 30/60HZ, 60W
- Power : 90VA
- Temperature : 0-40
- Humidity : 0-93% non-condensing
- Safety : Meet the requirements of IEC60601 series
- Patient image: Adult, neonate and pediatric patients

Performance Specification

- Display: 12.1'(800 x 600 pixel) color TFT LED screen
- Display mode: Standard, big front, trend table, full lead ECG, Oxy CRG.
- Interface: Parameter cable interface
 - AC power input socket
 - Network interface

- Battery: 1 internal large capacity rechargeable battery
- Alarm Indicator: Visual on-display and integrated alarm light
Audible alarm
- Data storage: 108hour trend graph
168 tour trend table
2 hour trend wave
1024 alarm events
- Printer: Built-in 50mm thermal printer (option),
3 traces, print speed 12.5mm/s & 25mm/s & 50 m/s
Print width: 50mm
- Net working: Support connection to central monitoring station through LAN (TCP/IP) or wireless connection

ECG

- Leads type: 3/Lead : I, II, III, aVR, aVL, aVF, V
- Sweep Speed: 12.5mm/s, 25 MT/S, 50mm/s
- Gain selection: x0.25x0.5, x1, x2, Auto
- ECG waveform: 2 channels
- Operation mode: Diagnostic monitor surgery
- Heart rate range: 0-35 bpm
- Accuracy: 1bpm or $\pm 1\%$ whichever is great
- Alarm range: Audible and visual alarm, adjustable
- ST/ arrhythmia: Real time ST segment detection, ST segment detection and arrhythmia analysis
- Protection: Against electro-surgical interference and defibrillation

Respiration (RESP)

- Method: Thoracic impedance
- Operation mode: Auto
- Measurement range: Adult: 0-120 BrPM, neonatal/pediatric: 0-150 BrPM
- Apnea alarm: Yes
- Alarm: Yes, audible and visual alarm alarm events recallable

NIBP

- Method: Automatic oscillometric
- Operation mode: Manual/Automatic/STAT
- Auto measure time: Adjustable
- Measurement unit: mmHg/ kPa selectable
- Test interval: 1-480 minutes
- Measurement range: Adult: 0-300 mmHg
Child: 0-240 mmHg
Infant: 0-150 mmHg
- Over-pressure protection: Double safety protection
- Accuracy of blood pressure measurement: The mean error shall be less than +5 mmHg
The standard deviation shall be less than 8mmHG
- Resolution: 1mmhg

SPO₂

- Measurement range: 0%-100%
- Resolutions: 1%
- Accuracy: $\pm 2\%$ (70-100%, adult/pediatric, non-motion)
- $\pm 3\%$ (70-100%, neonate, non-motion)
- $\pm 3\%$ (70-100%, adult/pediatric/neonate, motion)

0-69% unspecified

- Alarm range:1-100%
- Pulse rate: Pulse range:0-350 bpm
Accuracy: ± 3 bpm (non-motion)
 ± 5 bpm (motion)

IBP

- Measurement range:-50-360mmhg
- Channel:2 Channels
- Pressuretransducer:Sensitive:5uv/v mmhg
Impedance range:300-3000
- Pressure names:ART,PA,CVP,RAP,LAP,ICP,p1,P2
- Alarm range:-10-30 mmHg
- PR from IBP: Range and Accuracy-25-200bpm ± 1 bpm or ± 1 bpmwhich is greater
201-350bpm $\pm 2\%$
Resolution-1 bpm
- EEG sensitivity: +/-475 μ v
- Noise:<2uVp-p(1-150 Hz)
- CMRR:>100 dB
- Input impedance:>50.mohm
- Sample rate:1024 samples/s,16 bits
- Index and display update: 0-100, filter 1-47 Hz, 1 sec. display update
- EEG waveform: ± 500 V scaleable, filter 1-30 Hz, 3 sec. window length.
- ESR: 0-100%
- EMG 0-100 arbitrary unit: Curve and bar
- Index trend: 5 min and 60 min
- Digital output: Wireless BT interface (RFCOMM)10 meters range
- Alarms: IoC high and low user selectable limits
- Artifact rejection: Automatic: user can disable,
- Sensor impedance range: 0-14 ohm

EtCO₂ (Main-stream / Side-stream)

- Measurement range: 0-150 mmHg
- Accuracy: ± 2 mmHg(0-40 mmHg)
 $\pm 5\%$ of reading (41-76 mmHg)
 $\pm 10\%$ of reading (77-99 mmHg)
- Resolutions: 1mmhg
- Sampling rate: 70ml/min 100ml/min
- Sampling rate accuracy: 0.15 or 15 ml/min
- Start-up time: 30 Sec. the module enters the warming up status after the start-up
1 minute later, it enters the ready-to-measure status.
- Respiration rate: 3-150 rpm
- Respiration rate accuracy: ± 2 BrPM (0-70BrPM)
5BrPM (>70 BPM)
- Response time: When measured with a neonatal water trap and a 2.5 m-long neonatal line:
<3.5 s@ 100 ml/min
<4 s @ 70 ml/min
When measured with an adult water trap and a 2.5 m-long adult sampling line:
<5.5 s@ 100 ml/min
<7 s @70 ml/min
- Delay time: When measured with a neonatal water trap and a 2.5m-long neonatal sampling line
<3 s@100ml/min
<3.5 s@70ml/min

When measured with a neonatal water trap and a 2.5m-long neonatal sampling line
<5 s@ 100ml/min
<6.5 s@70 ml/min

Configuration

- Feature standard Optional: F5
- 3/5 Lead ECG: Yes
- NIBP: Yes
- SpO₂PR: Yes
- TEMP: Yes
- RESP: Yes

46. ECG machine (12 channel)

- 8" LCD Display with touch screen
- Power Supply: 3 AC: 100-240V, 50/60 Hz
3 DC: 14.8V 3700 mAh rechargeable lithium
Battery
- Input way : Floating and defibrillation protection
- Lead 12 leads
- Patient leak current: <10 μ A
- Input impedance: >50M
- Frequency response : 0.05HZ-150HZ (-3 dB-0.4 dB)
- Time Constant. Time – 3.2s
- CMRR : >60 dB, >100 dB (add filter)
- EMG interference filter: 35 Hz (-3dB)
- Recording Way: Thermal printing system
- Recording papers: 210mm (W) x 20 m (L)
Recording: Auto, Manual and Rhythm
- Paper Speed: Auto record 25mm/s, 50mm/s, error +5%
(Record setup according to auto record format and modem automatically
measuring and analyzing) Manual record : 5mm/s, 6.25mm/s 10mm/s 12,5 mm/x,
25mm/x.50mm/s, error +5% Rhythm record. 25mm/s, 50mm/s, error +5% (Record
setup according to auto record format and modem automatically measuring and
analyzing)
- Sensitivity choice: 5, 10, 20 mm/mV (Error +5%)
- Standard sensitivity is 10mm/mV 0.2%

47. Spiro Meter

- Temperature sensor: semiconductor (0-45 $^{\circ}$ C)
- Flow sensor: bi-directional digital turbine
- Flow range=16L/s Volume
- accuracy=3% or 50 mL Flow
- accuracy=5% or 200mL/s
- Dynamic resistance at 12 L/s :<0.5 cmH₂O/L/s
- Communication Port: USB Power Supply: line powered from USB port
- Dimension : 142x49.7x26 mm
- Weight:65 gram (2.5Oz)
- Flow Mir@ disposable turbine Complies with ATS/ERS standards Plugs directly into the USB port
- Real time Flow /Volume loop and Volume ?time curve with PRE/POST comparison
- Advanced spirometry test interpretation. Pediatric incentive animations .Estimated Lung Age (ELA)
Bronchial provocation test including new Mannitol protocol with FEVI response curve.
- Temperature sensor for BTPS conversion .

- Option available :Oximeter module (it can be purchased separately) Measured Parameters:-
- FVC, FEV1, FEV1%, FEV3, FEV3%, FEV6, FEV1 /FEV6%,
- PEF,FEF25%, FEF25%, FEF50%, FEF75%,FEF25-75%, FET, Vext, Lung Age, FIVC,FIVI, FIVI%,PIF, VC,IVC,IC,ERV,FEVI/VC%, VT,VE,Rf, ti/t-tot, MVV

56. Neuber Chamber

Inside cell of Chamber: An area of 9 Sq. mm (3x3 sq.mm) divided into 9 squares of one mm side by means of triple lines. The central small square is further divided by triple lines into 5x5 = 25 smaller squares each with side 1/5 of a mm. Each of the square is further divided into 4 x 4 = 16 smallest squares with side equal to one twentieth of a mm. Thus Dimension of individual cellof 0.05 x 0.05 = 0.0025 mm², Gap between cover: 0.1 mm. Slip and grid area, Pipettes: RBC and WBC pipettes, Accessories: Rubber suckers for RBC & WBC pipettes, Cover slips: 22 x 25 mm one box, Wooden Box: Inside dimensions approx 100 x 175 x 30 mm

67. SEMI AUTO ANALYZER

- Assay Type/Modes: 8 Modes (Absorbance, End Point, Fixed Time, Rate, Sample Blank, Multi Standard, Two Point Non Liner, and sample Blank Non Liner).
- Sample Type: Serum / Urine / Plasma / Body Fluids / Hemolysate.
- Light Source: 6 V, 10W Quartz Halogen Lamp (Life Span approx. 2000 hours)
- Measurement Method: Monochromatic and Bichromatic.
- Photodiodes: Silicon photodiode.
- Wave Length (in filter wheel): 6 filters (340, 405, 505, 546, 578, 620 nm) and 2 free position.
- Absorbance Range: 0-2.5 Abs.
- Resolution: 0.0001
- Type of Test Ware: Quartz Flow cell, 6 mm polystyrene cuvette.
- Flow Cell Volume: 32μL
- Display: 240 x 128 pixel blue color graphical LCD with LED backlight.
- Storage: 25600 Test data storage, 3 months QC data.
- Quality Control: Daily and monthly for 3 levels with LJ graph.
- Air Aspiration Volume: Variable 0 to 50μL (To reduce carry over & cross contamination)
- Cross contamination: < 1%.
- PC Communication: 9 pin D type serial connector.
- PC software: Optional.
- Memory: Flash
- Temperature Control: 25° C, 30° C Accuracy ± 0.1° C, Peltier control.
- Storage Temperature: -10 to 40° C.
- Operating Voltage: 230V, 50Hz, 45 watt max.

68. MULTIPARA MOINTOR (7 PARA)

- 12.1” TFT color LCD Display.
- ECG, RESP, SpO₂, PR, NIBP, Dual Channel Temp.
- Fan less design, quiet, energy saving and clean, which reduces the possibility of cross infection.
- All round monitor for adult, pediatric and neonate.
- With standard interface, oxygen graph, trend graph, big character interface and view bed, convenient to observe.
- Finish all operation by key and knobs.
- Maximum 8 channel waveform synchronous display.
- Display 7 lead ECG waveform on one screen, cascade ECG waveform display.
- Adopt digital SpO₂ technology, anti motion and anti ambient light interference and measurement can be performed under the circumstance of weak filling.
- Heart Rate Variability (HRV) analysis function.
- NIBP Measurement Mode: Manual /Auto/ Stat, storage for 4800 – group NIBP data.
- Review for 71 alarm events of all parameters and 60 arrhythmia alarm event.
- Drug concentration calculation and titration table function.

- One touch printing of trend graph.
- Connect to central monitoring system by 3G, Wi-Fi or wired mode.
- AC/DC, built in rechargeable lithium battery achieve uninterrupted monitoring.
- Anti high frequency surgical unit, defibrillation proof (Special leads are necessary).

69.HDU BED

Frame Made of strong rectangular CRCA pipe.

- Uniformly perforated four sectional CRCA sheet top.
- Back rest, Knee rest, trendelenburg/Reverse trendelenburg hi - low position obtained by crank mechanism.
- ABS molded head and foot panels.
- Aluminium collapsible side safety railing.
- Bed mounted on 5 inch. special casters, two with brakes .
- One S.S.I.V rod.
- Over all Size - 220 L * 100 W * 60-80 H cm.
- Pretreated and Epoxy powder coated.

70.ECLAMPSIA BED

- Frame Made of strong rectangular CRCA pipe.
- Uniformly perforated four sectional CRCA sheet top.
- Back rest, Knee rest obtained by crank mechanism.
- ABS molded head and foot panels.
- Overall size - 220 L * 100 W * 60-80 H cm.
- Pretreated and Epoxy powder coated.
- Be mounted on 5 inch. special casters, two with brakes.

71.CRASH CART TROLLEY

- Size - 95 L * 50 W * 155 H cm.
- No. of Wheels - 4 nos.
- No. of Drawers - 6 drawers.
- Material - Mild Steel & Pre treated epoxy Powder coated.
- Frame is made of round tube.
- It comprises of six removable bins.
- There are two polystyrene storage unit with three drawers each side.

72. RESUSCITATION KIT

- The resuscitation Kit should comprise of Adult manual resuscitator, pressure manometer and Adult Extrication Collar.
- The items should be supplied in a Kit bag.

Adult manual resuscitator

- The resuscitator should be ergonomically designed to reduce fatigue
- The bag should have single-shutter valve system for reliable functionality
- It should have integrated handle for uniform compression
- The bag should have non-slip surface design for secure handling
- It should have Port for side-stream capnography measuring or medication delivery without disconnecting the resuscitator from the ET tube
- It should have port for easy attachment of pressure manometer
- It should have 30 mm male (ISO) expiratory connector for PEEP valve attachment
- It should have 22/15 mm (ISO) Patient connector
- It should have 360-degree Swivel patient connector enabling free positioning of the bag
- The bag should be made of PVC free SEBS material
- The resuscitator should be single patient use to eliminate chances of cross contamination
- Each bag should be supplied with Adult face mask and Oxygen tubing

- The resuscitator bag volume should be more than 1400 ml
- The oxygen reservoir volume should be approx. 2600ml
- It should be MR conditional up to 3.0 Tesla or less and 4,000 gauss/c

Pressure Manometer

- It can be used with manual resuscitators, hyperinflation bags, CPAP masks, circuits etc
- It should have a colour coded scale for monitoring the patient's airway pressure
- It should have pressure measuring limit between 0-60 cm H₂O
- It should be disposable to eliminate chances of cross contaminate
- It should be PVC and latex free

Adult Extrication Collar

- It should be an adjustable collar with minimum 16 adjustments
- The collar should be suitable for Neckless, Short, Regular and Tall neck patients
- It should have safety lock button to hold the collar in place when adjusted
- The collar should be flat in design, saving valuable storage space
- It should have Chin flip feature to facilitate airway management
- It should have Trach hole to facilitate Tracheostomy
- It should have ventilated posterior shell, for fluid drainage
- It should have Nasal cannula tubing holder support
- It should be radio translucent
- It should be made of 100% latex-free medical graded material
- It should be disposable, eliminating chances of cross contamination

SNCU

RESUSCITATION SET (MANNUAL) 250ML

- Silicone Infant resuscitation set with capacity 250ml (Manual).
- Oxygen Reservoir Bag: 600ml.
- Resuscitation Set with 40 cm H₂O Pop – OFF Valve.
- Disposable O₂ Tubing 2 meter.
- Reusable & Latex Free.
- Silicone Mask – 0 no.
- 40 Times Autoclavable.
- Color : White

RESUSCITATION SET (MANNUAL) 500ML

- Silicone Infant resuscitation set with capacity 500ml (Manual).
- Oxygen Reservoir Bag: 2600ml.
- Resuscitation Set with 40 cm H₂O Pop – OFF Valve.
- Disposable O₂ Tubing 2 meter.
- Reusable & Latex Free.
- Silicone Mask – 1 no.
- 40 Times Autoclavable.
- Color : White

LARYNGOSCOPE (ADULT)

- Laryngoscope - Adult
- Blades – 1, 2, 3, 4
- Material: Stainless Steel
- Power Supply: 220 x 230 V AC, 50/60 Hz.

SPOT LAMP

- 70000 lux from 1 meter.
- Cool white and warm white Led combination.
- 100% heat sink dome.
- Flexible arm for desirable position.
- It should be focus light.
- It should be intensity controlled features (Brightness control).
- It should be with height adjusting features.
- S.S. pipe and heavy S.S. base with casters.

EXAMINATION LIGHT (MOBILE)

- LED Light
- Illumination (Ix) should be LED.
- Minimum 25000 LUX at 0.5 meter.
- Height Adjustable (mm): ≤ 440 .
- Radial and Axial movement of the lamp.
- CRI > 90 .
- Color Temperature minimum: 4300K.
- Heat Dissipation: Should maintain nominal Temp. And the heat should be disbursed through a cooling mechanism.
- It should be Mobility, Portability.
- Energy Source: Electrical.
- Power Requirements: Recharging Unit: Input voltage – 220V -240 V AC, 50Hz.
- It should be battery operated.
- It should have over charging cut off with visual symbol.
- Operating Condition: Capable of operating continuously in ambient temperature of 10 to 40 deg. C and relative humidity of 15 to 90% in ideal circumstance.
- Storage condition: capable of being stored continuously in ambient temperature of 0 to 50 deg. C and relative humidity of 15 to 90%.

BABY WEIGHING SCALE (ELECTRONIC)

- Baby Weighing Scale (Electronic) Capacity: 20kg.
- Display Type: Electrical
- Mode of Operation: Digital.
- Hold function for recording weight with struggling babies.

STETHOSCOPE (NEONATE)

- Soft Sealing ear tips.
- PVC “U” shaped tube.
- High acoustic sensitivity.
- Brass Chrome plated metal ring.
- Solid Stainless Steel Chest Piece.
- Comfortably angled stainless steel hand set.

BP APPARATUS (CHILD)

- BP Machine should be Mercury free.
- It should be Manual Device with LCD Display.
- It should be used to measure blood pressure, composed of an inflatable cuff to collapse and then release the artery under the cuff in a controlled manner.
- It should be mechanical manometer to measure the pressure.

DRESSING TRAY

- Size: 12 x 8” (Light)
- Material: Stainless Steel.

STERILIZATION DRUM

- Size: 9 x 9 “ (Small, Light)
- Material: Stainless Steel.

OXYGEN HOOD

- Oxygen Hood is cylinder types that enclosed an infant’s or small child’s head and adult patients head also.
- Oxygen enters through a gas inlet port and exhaled gas leaves primarily through the opening for the neck.
- Hoods provide up to 80% to 90% oxygen, good humidification and controlled temperature.
- It should be Autoclavable Round Shape for easily cleaning.
- It should be unbreakable, Transparent, Extremely Light Weight, Single moulded.
- It should be Trauma free silicone neck with adjustable flap as per Neonatal, Infant, and pediatric patients.
- Size: 8” (Small)

BILLIRUBINOMETER

- Billirubinometer Should have with advance electronic and optics adopting fiber optics, spectrum splitter, controlled spectrum filter, NFM switching and information processing techniques.
- It should have instant, safe and accurate result.
- It should have LCD display for convenient observation.
- It should have streamline design, delicate appearance and comfortable to hold.
- It should have long service life with low energy consumption.
- It should have battery indicator clews battery power information and prompts timely.
- It should have instant test result reading provide serum bilirubin concentration.
- It should have storage and memory function.
- It should be easy to operate and maintain.

MEDICINE TROLLEY

- Medicine Trolley: 2 Drawers.
- Frame work of Medicine Trolley 2 drawer is made of square tube.
- The body section is mounted on 10cm castors.
- Material: Mild Steel
- Pre treated Epoxy Powder Coated.

AMPULE CUTTER

- Size: 7” (L) x 2” (W) x 2” (W).

TAILORS SCISSORS SS

- Size: 10”
- Material: Stainless Steel

STRAIGHT SCISSORS (SMALL) SS

- Size: 6” (Small)
- Material: Stainless Steel

DMHP

CROSS TRAINER

- Dimension: - 80” (L) x 28” (W) x 70” (H)
- Resistance: 16 level electromagnetic resistance (Motorized)
- Meter: Adaptor operated
- Fly wheel: 8kg precession balanced
- Display Feedback: Display shows time, speed, distance, calories, pulse, Body fat & RPM
- Mode/ Set Option: Time, Distance and calorie can be manually set as per user requirement
- Max. user weight: 150Kg

TREADMILL

- Dimension: 71” x 31” x 50”
- Motor: 2HP (cont.)/ 4HP peak DC motor
- Running belt: 48” x 17”
- Speed: 0.8 – 14.8 Km/ H

- Incline: 0-15%
- Display: 5" LCD Display shows speed, distance, time, calories, pulse, program
- Program: 12 pre set program (P1-P12) + 1 user program
- Lubrication: fully automatic lubrication treadmill
- Max. user weight: 120Kg

HOME GYM

- Dimension: 53" (L) x 30" (W) x 78" (H)
- Structure: heavy- gauge welded steel with textured proprietary two coat electro statically powder process finish to ensure maximum corrosion and chip resistance
- Weight plate: Fiber plastic plate
- Weight stack: 100Lbs
- Seat: Ergonomically designed for comfortable of any user with density cushion and rexine
- Work outs : 21

STANDING TWISTER

We are a remarkable entity in this domain, engaged in offering a qualitative assortment of Body steel standing twister

Features: Optimum quality and easy to use

ABDOMINAL EXERCISERS

Adjustable resistance level, perfectly suited to any fitness level

Heavy duty and High quality material used

The above exerciser will keep you comfortable during your workout

Ready to use, can be easily stored anywhere

Thick padding allows you to exercise in comfort

DUMBELLS

Pair: 1 Kg, 2Kg, 3Kg, 4Kg, 5 Kg, 7 ½ Kg & 10 Kg

LEG PRESS

- Size: 2080 x 1645 x 1340mm
- Machine weight: 224Kg
- Excellent surface double coat point finish
- Top quality steel tube 60 x 12 x 30mm

SQUAT RACK

- Power Rack Attachments, Power Rack Frames, Weight Stack Plates
- Weight: 200Kg
- Material Type: Steel
- Features: Double Bolt Technology and Recommended For Professional Workout
- Muscles Targeted: Core Muscles, Glutes, Quadriceps and Calves
- Structure: High Strength Steel Tube with Precision Welds and internally lubricated cables
- Tube Type: 100 X 50 X 2.5 m.m.High Strength Steel Tube

INTERLOCKABLE GYM FLOORING

- Interlocking Mat Tiles are Durable, Flexible and Shock Absorbing, and Protect floors while providing support and cushion. Lightweight puzzle pieces are easy to assemble or disassemble for storage.
- Water resistant, non-skid and non-slip, light weight, noise reducing, and easy to clean.
- Material: Vinyl, Rubber
- Size: 4' (L) x 4' (W) x 8 cm

HEALTH WELLNESS CENTER

BED SIGHT SCREEN (SCREEN SEPARATORS WITH STAND)

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

CUPBOARD/STORAGE CHESTS

- (Approximate 20mm +/-)
- Construction & Material: Minimum 0.8 mm thick CRCA for Shelf & 0.9 mm thick CRCA for all other components.
- Locking: 2 way locking mechanism with shooting bolt provided chrome plated with Handle
- Shelving: Minimum 4 nos with uniformly distributed load capacity per full shelf is 40-50 Kg maximum Finished with Epoxy Polyester Powder coated.

EXAMINATION TABLE

- Overall approx size: 1800 mm L x 600mm W x 700mm H (L x W x H) ± 20 mm.
- Two sections with two-fold Cushion top of 3"mm thickness made of 40 density PU foam.
- Tubular construction, machine pressed double bend mild steel sheet.
- Headrest adjusted on ratchet.
- Legs fixed with rubber feet.
- Should be provided with foot step
- Pre-treated and epoxy powder coated.
- Patient load bearing capacity of 120 kgs minimum.

Foot Step

- The step stools shall have a maximum load capacity of 150 kg.
- Stainless steel frame shall be made of square /round steel tubing 20 x 20 mm.
- Should be double-step type with step heights of are 200 and 400 mm (+/-10mm) respectively.
- It should be provided with slip-resistant steps are made of black moulded polyurethane (PU) coated foam plates of minimum 15mm thickness.
- Overall dimension: 590x410x200/400 mm.

I V STAND (SALINE STAND)

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

TRAY INSTRUMENT / DRESSING WITH COVER (310 X 195 X 63 mm) SS

- Instrument Tray with Cover
- Made of 304 grade Stainless Steel
- Size: 310 x 195x63mm

- Manufacturer should be ISO13485 approved
- Product should be BIS/CE approved
-

DRESSING DRUM WITH COVER 0.945 LITRES STAINLESS STEEL

- Should be made of joint-less stainless steel of 304 grade steel of 0.5mm thickness.
- Should have perforated body.
- Should have chain locking with clamp to open or close the perforated body.
- Size : 0.945 litres
- Manufacturer should be ISO13485 approved
- Product should be BIS/CE approved

WEIGHING SCALE, ADULT 125 KG/280 LB

Sturdy **dial type mechanical** platform weighing machine for adult and children. Zero adjustment facility should be there. Sensitivity: **500 gm**. Range of weighing: 0-125kg. The manufacturer shall have the valid manufacturing license and should have model approval by the legal metrological Deptt. and the weighing scale must be stamped by the legal metrological Deptt. In case of distributor, the bidder should have valid distributor and repair license from legal metrological Deptt., Govt. of Odisha. **ISO. Certified manufacturer** (certificate to be submitted). Warranty: 1 Year

INSTRUMENT STERILIZER

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

SPHYGMOMANOMETER ANEROID 300 MM WITH CUFF

Technical Specification of BP Apparatus(Aneroid)

- Corrosion resistant shock proof body, chrome plated metal/ stainless steel pressure control valve, scale 0-300 mm hg with accuracy of +/- 3mmHg
- Air release at closed lap with maximum 4mmHg/Minute.
- Manual setting of deflation possible upto 2/3mm Hg/sec. From 260mmHg To 15mm Hg in a maximum deflation time of 10 seconds.
- Gauge's background in white colour.
- Graduated scale for ever/ 2mmhg, every 10 units and every 20units.

Nylon straps cuff with pouch, latex bulb with completely chromium plated valve with regulation of vent-hole air by screw valve.

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.

- The rubber tubes used should have an internal diameter of $3 \pm 0.5\text{mm}$ and the external diameter should not be less than 8mm; The dial manometer with diameter of 50 mm-60mm
- Accessories (mandatory, standard, optional)**-adult arm cuffs of size medium & large and paediatric size, inflation bulb, tubing

STANDARDS AND SAFETY

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

STETHOSCOPE

- Stethoscope of standard size, chromium plated metal binaural, V rubber tube in one piece. Rotating piper fitting for both flip functions.
- Double head Gynaecology and Cardiology stethoscope.
- Extra-soft, replaceable and pivot able ear-tips for perfect sealing at the ear canal.
- Designed with Precision chest-piece made of stainless-steel chromed brass.
- Good quality diaphragm of minimum $\text{-}\varnothing\text{-}45\text{mm}$
- High quality membrane for precise acoustics with non-chill rims for improved adaptation on the skin and for excellent sound transmission.
- Length should be 27" to 29 with preferable colour - black.
- The Y-tube should be made of Latex-free treated rubber. Easy to dismantle, and therefore to clean and disinfect.

HUB CUTTER AND NEEDLE DESTROYER

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

Power Supply:

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

Manufacturer should be ISO13485 approved

Product should be BIS/CE approved

DIGITAL THERMOMETER

Range of temperature measurement 32°C- 42 (89.60F-109.40F).

Can be calibrated in both centigrade and Fahrenheit, but if only one option is available, then Fahrenheit is preferable.

Buzzer signal function.

Takes 10-15 seconds to measure temperature.

Can be used in the armpit/axilla, orally and rectally.

Accuracy of temperature $\pm 0.1\text{degC}$ and $\pm 0.2\text{ F}$.

User's interface :LCD display

Manufacturer should be ISO13485 approved

Product should be BIS/CE approved

EXAMINATION LAMP

- Source of Light: LED light
- Illumination(lx) should be LED
- Minimum 25,000 Lux at a working distance of .5m
- Radial and axial movement of the lamp
- Colour temperature: minimum 4000K
- Minimum Diameter of the spot 5cm
- Flexible Light pipe for easy positioning of minimum length of 1meter.
- Lamp Life of minimum 30000 hrs
- CRI>90
- Power Requirements-Recharging unit: Input voltage- 220V-240V AC, 50Hz
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)

STADIOMETER

- The measuring rod can be dismantled into several pieces and can be set easily.
- The scale must be printed along the side of the measuring rod.
- Measuring range (Both in cm & inch): 20-205 cm and 8 - 81".
- Graduation of measuring rod: 1mm / 8inch.
- The structure should be made of ABS plastic. The product
- should be CE certified (certificate to be submitted in technical bid)
- Warranty : 1 Year

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. 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)

INSTRUMENT CABINET

- Instrument Cabinet One Door.
- Instrument cabinet is made of MS Sheet. It has 4 glass shelves.
- The door is made of mild steel frame with glass.
- It is fitted with lock key and handle.

FOOT STEP

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

Medicine Rack

- Shelves Materials: - Mild Steel
- MS sheet thickness of shelves: - 20 Gauge MS Sheet
- Angel post Material Size- Mild Steel 1.5" x 1.5" x3mm
- Close Type of shelves
- Without pigeon hole
- 20 Numbers of shelves/ compartment
- 100 Kg each boxes capacity
- Fully finished powder coated
- Ground clearance 45MM
- Height x Length x width – 6' x 4' x 16"
- Box Size- 1' x 1' x 16"
- Colour- Will be placed in the purchase order
- Warranty: - 1 Year

HANGING WEIGHING SCALE (TODDLER)

- Should have tough Nylon Plastic Body.
- Load capacity 0-5 Kgs.
- Should have colour coded reading scale
- Should have zero adjustment.
- Should have inbuilt overload protection.
- Graduation should not be more than 100gms.
- Scale should be fitted with approx. 3□ rod handle with non-corrosive metallic ring on top and S shaped hook-on bottom for suspending the sling bag.
- Spring used in scale should be made of heavy-duty steel spring, non-Corrosive grade II.
- Sling bag should be made of double stitched tough and tear resistant 100% polyester weight the baby.

MUCA TAPE

- MUCA Tape is known as Mid Upper Arm Circumference Tape.
- Type: For Adult

STEAM STERILIZER (LARGE)

STEAM STERILIZER (LARGE):

- Installation with internal electrical steam generator or using central steam plant or double purposed
- Pneumatically operated single or double horizontal sliding door
- Complete sterilization cycles: pulse-matic, pre-vacuum, sterilization & post- vacuum
- Trolley/ Carriage for safe handling of material
- Touch screen LCD display for monitoring sterilizer's operation
- PLC based control panel and all electrical components supplied from standard companies
- Micro-Filter for air refinement
- Pressure gauges for chamber, steam in-take & compressed air
- Steam traps for steam condensate outlet
- Water seal ring vacuum pump
- Chamber material: Rustproof stainless steel; AISI SS 304/316 L
- Steam jacket material: Rustproof stainless steel; AISI SS 304
- Panel material: Rustproof stainless steel; AISI SST 304
- Real time clock with process parameters printout.
- Capacity: 20ltr.
- Electric Load: 25 KW

STEAM STERILIZER (MEDIUM):

- Installation with internal electrical steam generator or using central steam plant or double purposed
- Pneumatically operated single or double horizontal sliding door
- Complete sterilization cycles: pulse-matic, pre-vacuum, sterilization & post- vacuum
- Trolley/ Carriage for safe handling of material
- Touch screen LCD display for monitoring sterilizer's operation
- PLC based control panel and all electrical components supplied from standard companies
- Micro-Filter for air refinement
- Pressure gauges for chamber, steam in-take & compressed air
- Steam traps for steam condensate outlet
- Water seal ring vacuum pump
- Chamber material: Rustproof stainless steel; AISI SS 304/316 L
- Steam jacket material: Rustproof stainless steel; AISI SS 304
- Panel material: Rustproof stainless steel; AISI SST 304
- Real time clock with process parameters printout.
- Capacity: 540ltr.
- Electric Load: 21 KW

AUTOCLAVE BOX (DRUM)

- Material: Stainless Steel.
- Size: 9"x9", 11" x 9", 12" x 10".

ALLIE'S FORCEPS (MEDIUM) (SIZE – 6")

- Size: 6", Medium.
- Material: Stainless Steel.

SPOON EXCAVATOR

- Size: Standard Size
- Material: Stainless Steel

SNELLEN CHART (ILLUMINATED) (EYE DEPARTMENT)

- Model is strong sturdy and durable with internal printing.
- Square in shape with the automatics Micro switch.
- Direct from 220 volts.
- Distance vision test type for illiterates and children.
- Dots, Rings, Animals, Numerical.
- Dou chrome test with red and green filters.
- Apparatus has been scientifically designed to eliminate stress on the eyes and makes reading easier through illuminated panels.
- A bracket is also provided which can be fixed on the wall. It's automatically gets illuminated when lifted from the bracket and switches off when placed on it.

NASAL SPECULUM

- Type: Thudichum
- Product: Nasal Speculum
- Profile: Set of 3 (Adult size – 4 & 5, Pediatric size – 3)
- Specialty: Rhino logy Instrument
- Material: Stainless steel
- Surface Finish: Satin

NASAL FORCEPS FOR FOREIGN BODY REMOVAL

- Name: Alligator
- Type: Forceps
- Size: 5 ½"
- Surface Finish: Polish
- Curvature: Straight Jaws with angled Shanks
- Working Surface Style: Horizontally Serrated
- Material: Stainless Steel

DENTAL EXPLORER

- Size: Standard Size
- Material: Stainless Steel

SHOULDER WHEEL

- It should be a wall mounted done.
- The wheel for use of adult and pediatric
- The motion arcane beadjustablefrom10to 38 inches by adjusting the handle.
- The wheel shall be mounted on a two-chrome plated height adjustable (8" to 26") rails.
- The resistance cans be varied by turning the resistance knob.

INFRARED LAMP

- Power: 150W
- Voltage: 220/230V or 240/250V
- Frequency: 50Hz
- Code Length: 180cm
- Insulation class II (Double isolation)
- Types of lamps: PAR 38E, 150W + Prismatic rings for more focus.
- Lifetime of lamp: 750 sessions of 10 minutes.
-

BED PAN

- Size: Standard Size
- Material: Stainless Steel

BED SIDE URINAL

- Urinal also known as urine collection bottle which is used by patient who find it difficult to get out of bed during sleep.
- Urinal made of plastic which is autoclave.
- It is easy to carry and ideal for male patient.
- Size: 1000ml.

DRESSING CUM OBSERVATION TABLE

- Overall approx size: 1800 mm L x 600mm W x 700mm H (L x W x H) ±20mm.
- Two sections with two-fold Cushion top of 3"mm thickness made of 40density PU foam.
- Tubular construction, machine pressed double bend mild steel sheet.
- Headrest adjusted on ratchet.
- Legs fixed with rubber feet.
- Pre-treated and epoxy powder coated.
- Patient load bearing capacity of 135 kgs minimum.

SCALPEL WITH BLADE

- Size: Scalpel – 12" & Blade – 3".
- Material: Stainless Steel

NEEDLE HOLDER FOR STITCHING

- Size: 6"
- Material – Stainless Steel.

TOOTH FORCEPS

- Toothed Forceps: Size – 6", Stainless Steel material.

PLAIN FORCEPS

- Size: 6"
- Material Stainless Steel

SINUS FORCEPS

- Size: 6"
- Material: Stainless Steel

TORNIQUET (ADULT & PEDIATRIC)

- Tourniquet is used to control venous & arterial circulation to an extremity for a period of time when patient is in a life-threatening state as a result of continuous bleeding.
- Tourniquet is made from high quality polyamide hook & loop tape with strong rust free buckle.
- Common for left & right wrist.
- Material: Rubber

LAB -DIAGNOSTIC MATERIALS

SLIDE DRYING RACK

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

MICROPIPETTE

- Should have ergonomic design with light & smooth plunger action
- Should have soft feel handle grip having both left & right hand operation
- Pipette handle should have thermoplastic elastomeric to prevent transfer of body heat to pipette volume during continuous usage
- Fully autoclavable: Entire pipette can be steam autoclaved at temp. Of 121 0C
- Should have larger & clear 3 digit display giving smaller increment for wider selection of volume
- Volume range should be of 1-10ml with increment of 20 μ l
- Accuracy: 1 to 2%
- Should have locking mechanism to prevent accidental volume change during pipetting
- Should have one hand eject facility
- Should have in house clinical, repair and calibration facility
- The tip cone should have leak free operation, smooth and light loading operation with choice of using variety of tips.
- Should be compatibles to universal tip types
- Should be available with different color codes.
- Warranty: 3years.

Quality Standards:

- Should be USFDA/CE (IVD) approved product
 - Manufacturers should have ISO 13485 certification for quality standards
- Should be applied with individual QC & calibration report according to ISO 8655

NEUBER CHAMBER

The counting grid is of 3mmx 3mm in size.

- The grid should have 9 square subdivisions of width 1mm.
- The central square should be spilt into 25 squares of width 0.2mm (200 μ m)
- The haemocytometer should have two cover slips
- The glass cover should be of squared shaped of width 22mm
- Material: Thermal and shock resistant glass
- The chamber should have two special clamps to avoid the cover glass to avoid edge-lift.

Pipette

The pipette should be made of glass of maximum capacity of 20,200 and 2000 μ l.

Dimensions (metric):length-300mm +/-10mm, 2mm thickness.

Autoclaving at 121degree centigrade

Should be resistance to mechanical, chemical and over heating.

STANDARDS AND SAFETY:

1. should be ISO 648/IS 117 approved product.
2. Manufacturer and Supplier should have ISO13485/ ISO 9001 certification for quality standards.
3. Certificate of calibration from the manufacturer
4. The product should be USFDA/ CE marked

ESR STAND WITH TUBE

ESR Stand with Tubes

- Screw type stand with cast iron base and highly nickel plated
- The base shall have minimum 5 tube holder
- 2 nos spare tubes should be provided with the ESR stand.
- The vitros tubes should be made of **Soda-lime Glass/borosilicate glass material.**
- **Dimension:**
 - 110 to 120mm mm Length
 - 2.9mm to 3 mm inside Diameter
 - 7.0mm to 8.0mm outer diameter.
- The uniformity of the bore shall be ± 0.1 mm throughout the tube.
- The tube shall be graduated from 0 to 105mm ± 0.25 mm in 1-mm divisions and numbered every 1 cm from the inside bottom of the tube.
- The tube shall be legibly marked with the manufacturer's or vendor's name or mark and possess a frosted area for marking purposes.
- Open at both ends; cotton plugged
- Calibration in yellow/white for easy reading.
- It should have good chemical resistance towards acids, salt solutions and organic solutions.
- Can be easily cleaned with distilled water.
- It should be autoclavable.

Quality Standards:

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

TC-DC COUNT APPARATUS

All metal case housing ,durable ,Chemical resistant easy to clean and disinfect.
Stable and wide base with rubber 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

COLORIMETER

Digital colorimeter for clinical biochemical test.

Digital Colorimeter with auto zero facility displaying test result.

Easy operation with auto storage facility of concentration.

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 ± 0.01 Abs

Sample volume:1ml

Light source: Halogen/LED

Sample Holder :75 x 12 mm ± 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

Centrifuge Table Top- 4tube

GMDN name : **Centrifuge**

1 USE

1.1 Clinical purpose: Used in Biochemical and Analytical labs for Hematocrit, blood Corpusule percentage, Serum Analysis, Precipitate Seperation and Blood Group matching.

1.2 Used by clinical department/ward: Analytical Laboratories

TECHNICAL

2 TECHNICAL CHARACTERISTICS

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

- Speed: Maximum Range 3000 to 3500 RPM
- Receptating Centrifugal force (RCF): 1500 to 1600
- Minimum Capacity: 60ml
- Digital Timer range: 0 to 30 minutes with Hold Function
- Auto Lid interlock to prevent opening while running centrifuge with emergency lidlock release.
- The lid will be only opened once the motor is completely stop.
- Digital display of RPM
- Stainless steel Chamber easy to clean
- Hinges to prevent door falling
- Rotor Head Sizes: 4x 15ml. Rotor Head: Angle rotor
- Rotors should be autoclavable
- The unit should be vibration free."
- Noise level <60dB.

2.2 User's interface Manual

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

3 PHYSICAL CHARACTERISTICS

3.1 Dimensions (metric) NA

3.2 Weight (lbs, kg) NA

3.3 Capacity 120 ml or above

3.4 Noise (in dBA) NA

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

3.6 Mobility, portability Portable

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

4.1 Power Requirements "220-240 V/50Hz

4.2 Battery operated No

4.3 Protection NA

4.4 Power consumption 100 to 200 Watts

5 ACCESSORIES, SPARE PARTS, CONSUMABLES

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

6 ENVIRONMENTAL AND DEPARTMENTAL CONSIDERATONS

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

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.

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

6.2 User's care, Cleaning, Disinfection & Sterility issues "1)Disinfection: Parts of the Device that are designed to come into contact with the patient or the operator should either be capable of easy disinfection or be protected by a single use/disposable cover.

2) Sterilization not required."

7 STANDARDS AND SAFETY

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

1. Should be FDA/CE(From a notified body) as per IVD /BIS approved product.

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

3. Certified to be compliant with IEC 61010-1,IEC 61010-2-20 for safety. General requirements”

IEC 61010-2-020 “Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-020: Particular requirements for laboratory centrifuges” "

8 TRAINING AND INSTALLATION

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

1) Availability of 5 amp socket;

2) Safety and operation check before handover;

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

8.3 Training of staff (medical, paramedical, technicians)

1) Training of users on operation and basic maintenance;

2) Advanced maintenance tasks required shall be documented

9 WARRANTY AND MAINTENANCE

9.1 Warranty 3 years

9.2 Maintenance tasks "CMC 5 years 2 PM Visits Annually. All Breakdown calls to be attended within 24 hrs of registration."

9.3 Service contract clauses, including prices The spare price list of all spares and accessories (including minor) required for maintenance and repairs in future after guarantee / warranty period should be attached;

10 DOCUMENTATION

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

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

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

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

4) Advanced maintenance tasks documentation;

5) Certificate of calibration and inspection"

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

11 NOTES

11.1 Service Support Contact details (Hierarchy Wise; including a toll free/landline number) "Contact details of manufacturer, supplier and local service agent to be provided;

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

11.2 Recommendations or warnings any warning signs would be adequately displayed

ITEMS REQUIRED FOR PROVIDING RMNCHA SERVICES

WEIGHING SCALE, INFANT (10 KG)

- Table top, light and portable,
- Built in rechargeable battery,
- Easy to clean baby tray (acrylic),
- Zero weight adjustment facility,
- Quick, clear digital read outs with LCD display
- Measurement does not change with position of baby on the pan;
- Provision to measure the height of the baby in its laying position.
- Accuracy: 10g, resolution: 1g, limit: 10gm ~ 10kg
- Settings-Auto setting to 0.00 once a the machine is switched on or when no external weight has been put on

Dimension :Base: 300mm x 265mm x 85mm, Pan: 510mm x 300mm x 85mm/As per IS standard

Power Requirements-230 V AC & Battery operated-6V, one hour backup

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.

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 legal metrological Deptt. In case of distributor, the bidder should have valid distributor and repair license from legal metrological Deptt., Govt. of Odisha.

FOETAL DOPPLER

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.

- Water proof probes of 2MHz & 3MHz frequency.
- Ultra sound Intensity <10mw/ cm²,
- Auto Shut Of Facility to save Battery Power
- Built –in Speaker, Volume Control Facility and Audio Output for Ear Phone
- Heart Rate Range should be from 50 to 200 bpm with accuracy of +/-2%,
- Should be Water Proof Body, Should have Facility for FHR Data transfer to PC.
- LCD display

Power Requirements AA batteries

Battery operated AA battery type; Minimum Battery Time of 300 minutes.

Accessories:

- AA battery(rechargeable)-2nos
- 2MHz probe-1no

STANDARDS AND SAFETY:

- USFDA or CE(Notified) or UL approved product.
- Type B or BF, Performance and safety standards (specific to the device type)
- Shall meet IEC-60601-1-2:2007 Medical electrical equipment -- Part 1-2: General requirements for basic safety and essential performance
- Local and/or international Manufacturer should be ISO 13485 certified

SUCTION MACHINE

Technical Specification

0-760 mm Hg ± 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) **50 dB A ± 3**

Accessories & Spares Collection container & its cap, suction tube tips, a vacuum gauge and control knob.

- Tubing: 8 mm ID x 2 mtr (PVC)
- 1 lt polycarbonate jar of 1nos

Quality Standard:

Quoted model should be USFDA /CE certified, ISO 13485:2003; ISO 10079-1- 1999

EIF for Pediatric HDU Management

THERMOMETER (INFRARED)

- Working Environment: Ambient Temperature 16° C - 40° C.
- Relative Humidity: ≤ 85%.
- Power Supply Voltage: 3.0V DC (2 x AAA Alkaline Battery).
- Product Weight: 90g.
- Measuring Range: Body Mode: 95°F - 109°F and in Object Mode: 32°F - 210°F.
- Measuring Distance: 3cm – 15cm from the center of forehead.
- Measuring Time: ≤ 2 seconds.
- Automatic Shutdown: ≤ 18 seconds.
- Storage and Transportation: -20°C - 55°C, Relative Humidity: ≤93%.

ALGORITHM / FLOW CHART

T – PIECE

- Attach the oxygen supply tubing to the gas source and set the oxygen to the prescribed flow.
- Insert the nasal tips into nostris with the two plastic tubes over the ears and under the chin
- Gently adjust the plastic slide until the cannula is Secure.
- Check for gas flow throughout the device.
-

CAUTION : Oxygen Concentration is Affected by the patients tidal volume.

		SIZE
Oxygen Litr/min.	% Of Oxygen	ADULT
2	28	PEDIATRICS
4	36	INFANT

PATIENT STRECHER

Description:

- Diagonal Locking Removable Stretcher top on CRCA ERW tubular Steel trolley mounted on 150mm (6) Diagonal Locking Castors.
- Framework made of 1.25" x 16G vertical and 1x 18C horizontal CRC tubes .
- Suitable Mattress for samm 21, with Safety Belts.
- Finish: Pretreated and Epoxy powder coated .

- Stretcher Top Size Handle to handle 2050L x 365W mm
- Trolley Size 1113L x 580 W x 800 H mm

Optional Accessories

- S.S Telescopic I.V Rcd with 4 Hook's
- Safety Side-Ralls,Sw ng Away

WHEEL CHAIR

- 1) Dimension should be 670mm W x 1120mm D x 920mm H. (Approx.)
- 2) Two solid rubber or PVC covered tyred bicycle wheels with break and self-propelling stainless steel hoops 3)
- Two swivel castors, 200mm dia in front.
- 4) Seat and back easily removable and replaceable
- 5) Fine and durable upholstery for seat and back
- 6) Nylon Handgrips and Padded armi rest
- 7) Should have safety belt.
- 8) Should have polished stainless steel construct
- 9) Weight bearing capacity of minimum 100Kg.
- 10) Aluminium leg rest-swing away type
- 11) All the Stainless Steel should be 304 grade Manufacturer should be ISO 13485 certified.

NPPC

Commode Wheelchair

Commode Wheelchair in which the wheelchair's base is easily convertible to a commode by simply sliding out the cut seat. It must have a cushion cover on top and a removable pan underneath. Dimension should be LxWxH: 79 x 43 x 90 Centimeters (Approx +/-2cm) Seat and back easily removable and replaceable Fine and durable upholstery for seat and back Seat Width: 17-18 inches. Nylon Handgrips and Padded arm rest. Should have safety belt. Weight bearing capacity of minimum 100Kg. Aluminium leg rest - swing away type. All the frames and tube should be made out of M.S. Chrome Plated /SS304 grade. The wheelchair comprises superior quality rust-free 24 inch mag wheels for self manoeuvring and two 8 inch solid PVC front casters swivel at 360° to improve the wheel chairs movements. The wheelchair should be equipped with a solid fiber seat while using the chair as a commode and detachable commode bucket need to be provided that can be affixed to use the chair as a bedside commode. Density of Cushoin material on armrest, sea and Backrest [Kg/m3): 20. Manufacturer should have valid CE, ISO 9001:2008, ISO 14001:2004, and OHSAS 18001:2007 certificate.

CLUTCHES (ELBOW)

Anatomically design of elbow piece provides perfect support while walking. Soft handle top. Anti slip and enhanced grip. Adjustable height of the elbow plice from 4'2" to 6" Matrial: Made of Aluminium, the cane weighs under 0.5 -0.8kg but supports up to 130 kgs, Certification Available: ISO for manufacturer Product should be CE, BIS approved WARRANTY: 1year

Clutches Auxiliary

The Under arm crutch comes with a layer of rubber pad to allow comfort and improved range of motion. With a push-button the height can be adjusted. The rubber shoe to

be provided for skid-resistant. The stick weighs less than 2.7 kg & supports a person's weight up to 130 kgs. Made of oxidized aluminum surface for long life. Certification Available: 150 for manufacturer Product should be CE/ BIS approved. WARRANTY 1year

Weight Cuff (1Kg)

The weight cuff is to be used for physical therapy, rehabilitation and gym exercises, Aerodynamic shape ensures good grip and better aesthetics Made from skin-friendly fabric for a soft and comfortable feel. Reverse buckle locking with hook and loop closure for easy adjustment. It is used for hand and wrist braces Filled with low friction smooth steel balls High density of steel balls ensures small volume of the product and convenience of use Reverse buckle mechanism ensure secure tightening.Easy application and removal of the cuff and flexible sizing Warranty: 1year. Certification Available: ISO for manufacturer. Product should be CEBIS approved. WARRANTY:1 year

Air-Bed

Made of MEDICAL GRADE/ polymerized PVC material (non-toxic which can hold up to 130 kgs. Design: Alternating pressure mattress with minimum 120 to 130 individual air bubbles, for even support and weight displacement. Variable pressure dials for precise air flow. Size: Adult. Certification Available: 150 for manufacturer. Product should be CE/ BIS approved. WARRANTY: 1year

Pneumatic Ring for Bed Sore Management

Size: 40X40X5Cm

Shape: Round

Material: Medical PVC (Washable)

The manufacturer should be ISO Certified

BMW ARTICLES

1. BMW Transportation Trolley with 4 Color Bin: -

- Capacity- 120 Litres, 80 Litres
- Close container Trolley
- Made of Stainless Steel divided into four equal sections
- Four Compartment waste segregation system
- Bins can be interchanged as and when required
- Color of Bin: Red, Yellow, Blue, White
- Color waste Bio-hazard printed logo, Government of odisha supply
- Water drainage SS tap during cleaning
- Nylon Wheel for movement and handle for pull and push



2. Puncture Proof Container: -

- Square Size Capacity- 1 Litres, 2 Litres & 5 Litres
- Blue Color
- Plastic Material
- Easy to carry with handle
- Display Bio Hazard Signage
- made for BMW management purpose only



3. Puncture Proof Container: -

- Square Size Capacity- 1 Litres, 3 Litres & 5 Litres
- White Color
- Plastic Material
- Easy to carry with handle
- Display Bio Hazard Signage
- made for BMW management purpose only



4. BMW Bin: -

- Capacity- 30 Litres, 20 Litres, 10 Litres & 5 Litres with square Model
- Material – HDPE Material
- Foot operating system for opening lid
- Color of Bin: Red, Yellow, Black
- Color waste Bio-hazard printed logo, government of Odisha supply



5. BMW Polythene Bag: -

- Bio degradable, with proper size as per the Bins
- Thickness-minimum 50Micron
- Colour- Red, Yellow, Black
- Capacity- 5Ltrs, 10 Litres, 20 Litres, 30 Litres & 50 Litres
- Recycle Eco friendly printed logo, government of Odisha supply

6. General Waste Bin (50 Liter): -

- Capacity- 50 Liter square size
- Material – HDPE Material
- Foot operating system for opening lid with Nylon Wheel and handle for move
- Color of Bin: Black
- Green color Eco friendly recycle printed logo, government of Odisha supply

7. General Waste Bin (50 Liter): -

- Capacity- 50 Liter square size
- Material – HDPE Material
- Foot operating system for opening lid
- Color of Bin: Blue & Green with stand
- degradable and non-degradable ecofriendly logo, government of Odisha supply

8. Hub Cutter (Manual): -

- Destroys Syringe Hub & Needle in Single Action
- Reusable and auto cleavable container
- Capacity 1000 ml with stainless steel stand



OTHERS

SLIDE TRANSPORT BOX

- Slide Box (100 Capacity) Unbreakable Fiber box with 100 nos. Slide holding Capacity.
- Slide Size : 76 mm X 26 mm X 1.3

Heavy Duty Rack for Storage of Drugs

- Shelves Materials: - Mild Steel
- MS sheet thickness of shelves: - 18 Gauge MS Sheet
- Angel post Material Size- Mild Steel 1.5" x 1.5" x 4mm
- Open Type of shelves
- With pigeon hole
- 5 Numbers of shelves/ compartment
- 300 Kg of each shelves capacity
- Adjustable shelves
- Fully finished powder coated
- Ground clearance 45MM
- Height x Length x width – 6' x 6' x 2'
- Colour- Will be placed in the purchase order
- Warranty: - 1 Year

LASA BOX FOR PHC DDC

- Shelves Materials: - Stainless Steel
- MS sheet thickness of shelves: - 18 Gauge MS Sheet
- Height x Length x width – 6" x 24" x 18" (Square Size)
- Box Hole: - 6" x 6" (Square Size)
- 12 Numbers Boxes
- Fully finished
- Warranty: - 1 Year

AUTO REFRACTOMETER

- ✓ Sphere (SPH) : -25D to +22D (when VD=12mm) increments 0.12D and 0.25D
- ✓ Cylinder (CYL) : 0D to ± 10D (increments 0.12D and 0.25D)
- ✓ Axis (AX) : 1^o to 180^o (increments 1^o)
- ✓ Cylinder Form : - + MIX
- ✓ Minimum Pupil Diameter : 02.0mm
- ✓ Vertex Distance (VD) : 0 0.12_0.13.5mm
- ✓ Pupil Distance (PD) : 10 to 85mm (increment 1mm) KEROTOMERY
- ✓ Radius of curvature : 5.00 to 10.2mm (increments 0.01mm)
- ✓ Refraction Index : 1.3375, 1.332, 1.336
- ✓ Cornel Power : 33.00 to 67.5D (increments 0.05/ 0.12/ 0.25D)

✓ Corneal Astigmatism	:	0D to -15D (increment 0.05/0.12/0, 25D)
✓ Axis	:	1° to 180° (increments 1°) others
✓ Corneal Diameter	:	2.0 to 12mm (increments 0.1mm)
✓ Memory	:	10 measurement for each eye
✓ Printer	:	Thermal Printer
✓ Monitor	:	LCD colour monitor
✓ Movable distance of chinrest	:	65mm
✓ Data output	:	USB, video terminal and Bluetooth
✓ Power Supply	:	AC 100-240 V, 50/60Hz

CERVICAL/ LUMBAR TRACTION (ELECTRICAL)

1.1: Clinical Requirement: A cervical/lumbar traction device is used to help relieve pain associated with Cervical & Lumbar spine in case of Prolapsed inter vertebral disc, listhesis of vertebra, Spinal nerve root Compression etc. and nerve root impingement. It also Spine and skeletal system, gently stretching the tight muscles and soft tissues of the spine area. By helping to open the space between the compressed vertebrae, a traction device assists in releasing the tension and pressure of the vertebrae structure.

1.2 Technical Specification:

- Microprocessor/ microcontroller based unit for treatment of cervical & lumbar regions of patient.
- It should be microprocessor controlled for smooth traction effect.
- The therapy time, HOLD and REST times should be easily programmable.
- Should be provided with Adjustable, single size PELVIC and THORACIC belts and the head halter fit for adult patient.
- The unit should have LED indicators for hold and rest time.
- Buzzer indicator for completion of treatment
- Separate selection for cervical and lumbar
- The unit should be sensitive to weight for accurate operation.
- Force – 4-90 Kg with doubler
- Cervical tension – 4, 6, 8, 10, 12, 14 (Kg)
- Lumbar tension – 18,21,24,27,30,33,40,45 (Kg)
- All the above increments are must be in steps.
- Mode: static and intermittent – cervical as well as lumbar.
- Hold time – 10-80 (Sec) adjustable in continuous mode.
- Rest time – 1-20 (Sec) adjustable in continuous mode
- Treatment time - 1 to 30 minutes –Adjustable.
- Patient control switch option should be there for safety.

1.3. Power Supply:

- The unit should work on 230volt & 50HZ supply
- The unit should have inbuilt over voltage protection.

1.4. Quality Standard:

- The model should be USFDA/CE/BIS certified
- The manufacturer should be ISO13485 certified
- The model should be compliance to electrical safety standards of IEC60601-1

1.5. TRACTION BED (MANUAL)

- Traction Bed – 3Fold sliding for horizontal cervical and lumbar traction
- Made of complete MS frame with wooden TOP
- Bed Dimensions: : 6' (L) x 2.5' (W) x 2.5' (H)
- Provided with appropriate dimension of mattress of 2inch thickness made of 40density PUF and cover with heat resistance rexin.

- Fully made on 30mm square tube with 18 gauge thickness.
- The lumbar section should roll freely on rollers for friction-free lumbar pull.
- The Cervical traction angle should be controlled by vertical adjustment of the Machine mounting board.

1.6. Flexion stool: Adjustable Height range of 13"-20" which allows the therapist to place the lumbar spine into neutral or flexed position increasing patient comfort during traction treatments

The manufacturer should be ISO certified.

MANIPULATION COUCH/ MANUAL THERAPY BED

19.1: Clinical Use: Use for examination bed, Manual therapy bed for providing mobilisation, stretching, passive movement etc.

19.2: Technical Specification:

- A 3 section, variable height plinth.
- With breathing slot at head end
- This plinth is built for sustained heavy use.
- Length : 74" Approx
- Width : 28 " (Approx.)
- Height Adjustment: 21 inches to 37 inches approx..
- Head rest up and down Gas Spring
- Couch up and down Motorized
- The frame and the base shall be made of MS with powder coating.

TABLE TOP CENTRIFUGE (CENTRIFUGE MACHINE) (HIGH SPEED)

- ✓ Maintenance-free induction drive
- ✓ Microprocessor with large LCD display
- ✓ Motor driven lid lock
- ✓ Automatic radio-frequency rotor identification system (RFID) with over speed protection, immediately upon rotor insertion
- ✓ Active imbalance-identification and -cut off (rotor specific)
- ✓ CFC-free refrigeration system
- ✓ A large variety of rotors and accessories
- ✓ Audible signal at the end of each run with several melody options
- ✓ Noise level under 65 dBA at max. speed
- ✓ Manufactured according to international safety regulations, i.e. IEC 61010
- ✓ Imbalance tolerant drive pin
- ✓ Standstill cooling
- ✓ Stainless steel chamber

Distinct Control Panel

- ✓ Simple one handed operation
- ✓ Easy to program with gloves on
- ✓ Splash proof digital display
- ✓ Permanent indication of Preset and Actual Values
- ✓ Selection of speed in both rpm and g-force, with increments of 10
- ✓ 10 acceleration and 10 deceleration rates with storage of up to 99 runs
- ✓ Preelection of the temperature from -20°C to 40°C with 1°C increments
- ✓ Temperature selection available in both °C or °F
- ✓ Pre-cooling program option
- ✓ Standstill cooling
- ✓ Pre-selection of running time from 10 s to 99 h 59 min or continuous
- ✓ Storage of up to 99 runs incl. rotor type
- ✓ Quick-key for short runs
- ✓ Diagnostic program
- ✓ Timer: the centrifuge starts at the preselected time)

SAMPLE TRANSPORT BOX

- ✓ Volume: 5 Ltr.
- ✓ Portable with either Swing handle or side hooks.
- ✓ Material: HDPE with PUF insulation

VACCINE CARRIER

- ✓ HDPE Material
- ✓ 1.35 Liter capacity with 4 Nos. of ice packs
- ✓ Volume of ICE Packs 0.3 Litres (min.)
- ✓ Internal Lining Material- HIPS
- ✓ Insulation Material- CFC-free Polyurethane
- ✓ Insulation Thickness- 35 - 45 mm (min.)
- ✓ Removable Lid & ICE Packs

TRINOCULAR STEREOZOOM MICROSCOPE

- **STAND:** Pole Dual light stable stand with focusing knob and built in slip dutch.
- **OBSERVATION HEAD :** Trinocular head, inclined at 45°, 360° rotatable, interpupillary distance adjustable between 54-75mm, Diopter adjustment ring on ocular provides correction for eye acuity.
- **EYE PIECES:** Wide Field Eyepiece 10x FOV 22mm (PAIRED) with eye-guards.
- **OBJECTIVES :**Zoom 0.7X to 4.5X with magnification ratio of 1:6.4.
- **MAGNIFICATION RANGE :**7X-45X. Total magnification 1.5x to 180x depending upon the eyepiece & auxiliary lenses used.
- **AUXILIARY OBJECTIVES :**0.5x, 1.5x and 2.0x(optional)
- **WORKING DISTANCE :**30mm-150mm
- **ILLUMINATION :**Built in LED illumination both for incident light with variable intensity control and reflected light. Both lights can be used individually or simultaneously.

SPECIFICATIONS

Laboratory Consumables for DPHL (under Rapid Test Kit)

➤ Sl. No. 27. - Snake Venom Detection Kits

Snake Venom Rapid Detection Test Kit		
Sl. No.	Parameter	Specification
1	Product Name	Snake Venom Rapid Detection Test Kit
2	Intended Use	Qualitative detection of snake venom in human samples to aid in timely and appropriate administration of Anti-Snake Venom (ASV)
3	Type of Test	Lateral Flow Immunochromatographic Assay
4	Detection Capability	Capable of detecting Hemotoxic and Neurotoxic mixed snake venom
5	Sample Type	Serum / Plasma / Whole Blood
6	Sample Volume Required	Approximately 50 µL of serum/plasma/whole blood
7	Principle of Test	Immunochromatographic assay based on antigen-antibody reaction
8	Test Zones	Three distinct zones: Mobile zone, Immobilized test zone, and Control zone
9	Control Feature	Built-in control line to validate test performance
10	Result Interpretation	• Negative: Only control (C) line appears • Positive: Test (T) line and control (C) line appear • Invalid: Control line does not appear
11	Time to Result	Results available within 20 minutes
12	Reading Limitation	Results should not be interpreted beyond 20 minutes
13	Storage Condition	Stable at Room Temperature
14	Sample Storage (if not tested immediately)	Serum/Plasma: Store at 2–8°C; for longer storage freeze at –20°C or below
15	Whole Blood Storage	Can be stored at 2–8°C and used within 3 days
16	Shelf Life	Minimum 24 months from date of manufacture
17	Test Kit Components	Test device, Test Diluent, Disposable dropper, Instructions for Use (IFU)
18	Ease of Use	Single-step procedure, no requirement of specialized equipment
19	Safety	Single-use, disposable test device
20	Application Level	Suitable for use at PHC / CHC / District Hospital / Emergency Settings
21	Compliance	Product should comply with applicable national regulatory standards
22	Packaging	Individually packed test devices with clear labeling