

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

Letter No. 18344 /SS/2025

Brahmapur Dated. 20-11-25

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 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 www.ganjam.nic.in.

The sealed Tender will be received through Speed Post/ Reg. Post only on or before 18.12.2025 till 5.30pm by CDM&PHO, Ganjam, Brahmapur and the said tender will be opened on 19.12.2025 at 11.00 Am 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

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 annual Average turnover of the Bidder should be Rs. 3 Crore or more per Annum during the last Three Financial year certificate duly filled and signed by Chartered Accountant.(2021-22, 2022-23 & 2023-24)
3. Valid ISO & CE/ EC Certificate (if any).
4. An undertaking must be submitted on the items manufactured by the firms quoted by the bidders are not black listed.
5. An undertaking must be submitted on the Bidders/Firm not Blacklisted by any Authority.

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. 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) Valid ISO certificate.
- (vi) Valid ISI / CE / US FDA certificate as per Section V – Technical Specification.
- (vii) IEC Certificate as per as per Section V – Technical Specification.
- (viii) 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.
- (ix) Major deviations from the technical specification of the item(s) as per tender.
- (x) 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	Performance Statement (Item wise) during the last three year (Annexure -VII)	Page No		Yes		No	

12	Copies of Purchase order (Item wise) in support of the performance statement	Page No		Yes		No	
13	Deviation/No deviation Statement (Item wise) & details of technical specification (Annexure –VIII)	Page No		Yes		No	
14	Leaflets/Technical Brochures of the Products offered (Item wise)	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)

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.	2021 - 2022	-
2.	2022 - 2023	-
3.	2023 - 2024	-

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

Date:

Place:

Signature of Auditor/
Chartered Accountant
(Name in Capital)

Seal

Membership No.-

Registration No. of Firm

Note:

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

(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

To be submitted in Cover B – Price Bid

TENDER FORMAT (PRICE SCHEDULE) (For Medical Equipments & Instruments only)

Sl. No.	Name of the Item (Item mentioned in tender document)	Specification (As per Annexure-A)	(With Make & Model)	Unit Price of One Set of Equipment's/ Instruments which includes GST/excise duty / customs duty, packing, insurance, forwarding / transportation (door delivery) with onsite warranty	CMC (excluding GST) for three years after expiry of warranty period (please mention on yearly basis) where as applicable	**Cost of Turnkey if any (all accessories for installation & commissioning including all taxes for turnkey in Rs. (Door delivery & installation) where as applicable	Cost of GST(CMC only) in Rs.	*Total Cost (Unit Price with CMC & Turnkey if any) (Inclusive of GST)
				Cost in Rs. (both in words & figures)				
					Applicable for selected items only			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9=5+6+7+8)
					1 st year: 2 nd year: 3 rd year: Total			

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.

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

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

1. Insurance
2. Freight
3. Transportation
4. Customs duty / Excise duty/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 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.

Financial Bid (cover- B)**List of Medicines, Medical Consumables & BMW Management Articles**

Sl No.	Drug Code	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	5	6	7	8	9
1. Category: Anaesthetics								
1	D02001	Inj. Lignocaine HCl	2% w/v	30 ml/vial 20 Vials/Box				
2	D02003	Inj. Lignocaine HCl and Adrenaline Bitartrate	Lignocaine HCl - 21.3 mg / ml + Adrenaline 0.5 mg / ml	30 ml/Vial 20 Vials/Box				
3	D02005	Inj. Lignocaine HCl and Dextrose (Heavy)	Lignocaine HCl - 53.3 mg / ml + Dextrose 75mg / ml	2 ml/Amp 20 Amps/Box				
4	D02008	Inj. Bupivacaine (Heavy)	0.5% w/v	4 ml/Amp 20 Amps/Box				
1.2 Sub Category: Pre-Operative Medication								
5	D01007	Inj. Midazolam	1 mg/ml	10 ml/Vial 20 Vials/Box				
6	D03002	Inj. Glycopyrrolate	0.2 mg/ml	1 ml/Amp 20 Amps/Box				
2. Category: Analgesics, Anti- Pyretics & Anti-inflammatory Drugs								
2.1 Sub Category: Non-Opioid Analgesics								
7	D04002	Tab. Paracetamol (Aluminium Foil/Blister Pack)	500 mg/Tab	10 Tabs/Strip 10 Strips/Box				
8	D04003	Syp. Paracetamol (With Measuring Cap & Palatable, Plastic container as per IP)	125 mg/5 ml	60 ml/Bottle 20 Bottles/ Box				
9	D04004	Inj. Paracetamol	150 mg/ml	2 ml/Amp 20 Amps/Box				
10	D04033	Inj.Paracitamol I.V	1000 mg/100ml	100 ml/ Vial 20 Vial/Box				
11	D04005	Tab. Ibuprofen (Coated) (Aluminium foil/Blister pack)	200 mg/Tab	10 Tabs/Strip 10 strips/box				
12	D04006	Tab. Ibuprofen (Coated) (Aluminium foil/Blister pack)	400 mg/Tab	10 Tabs/Strip 10 Strips/Box				
13	D04024	Tab. Ibuprofen and Paracetamol	Ibuprofen 200 Mg + Paracetamol 500 Mg/ Tablet	10 Tabs/Strip 10 Strips/Box				
14	D04009	Tab. Diclofenac Sodium (Coated) (Aluminium foil/Blister pack)	50 mg/Tab	10 Tabs/Strip 10 Strips/Box				
15	D04010	Inj. Diclofenac Sodium	25 mg/ml	3 ml/Amp 20 Amps/Box				
16	D04014	Inj. Piroxicam	20 mg/ml	1ml/Amp 20 amps/box				
17	D04023	Tab. Etoricoxib (Coated) (Aluminium foil / Blister pack)	90 mg/Tab	10 Tabs/Strip 10 Strips/Box				
18	D04025	Tab. Aceclofenac (Aluminium foil/Blister pack)	100mg/Tab.	10 Tabs/Strip 10 Strips/Box				
19	D04026	Paracetamol Drop (with dropper and palatable, container as per I.P)	100 mg/ 1 ml	15ml / Bottle 20 Bottles/Box				

Sl No.	Drug Code	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	5	6	7	8	9
20	D04027	Susp. Paracetamol and Ibuprofen (with measuring cap and palatable, plastic container as per I.P)	Paracetamol 125mg and Ibuprofen 100mg / 5ml	60 ml/Bottle 20 Bottles/Box				
21	D04032	Susp. Ibuprofen (Palatable, with measuring cap and plastic container as per I.P)	100mg / 5ml	60 ml/Bottle 20 Bottles/Box				
22	D04034	Inj. Aceclofenac Sodium	150mg/ml	1 ml/Amp. 20 Amps/Box				
23	D04035	Inj. Ketorolac	30mg/ml	1 ml/Amp. 20 Amps/Box				
24	D04043	Tab. Paracetamol Kid (Scored Disp. Tab.) (Aluminium foil/Blister pack)	250 mg/ Tab	10Tabs/Strip 10 Strips/Box				
2.2 Sub Category: Opioid Analgesics								
25	D04008	Inj. Pentazocine Lactate	30 mg/ml (equivalent of 30 mg of pentazocine) /ml	1ml/Amp 20 Amps/Box				
26	D04030	Tab. Tramadol Hydrochloride (Coated) (Aluminium foil/Blister pack)	100 mg/Tab	10Tabs/Strip 10 Strips/Box				
27	D04021	Inj. Tramadol HCl	50 mg/ml	2 ml/Amp 20 Amps/Box				
3. Category: Anti- Allergic Drugs								
28	D05019	Tab. Dexamethasone (Aluminium foil/Blister pack)	8 mg/Tab	10 Tabs/Strip 10 Strips/Box				
29	D05001	Inj. Dexamethasone Sodium Phosphate	4 mg/ml (4.4 mg of Dexamethasone sodium phosphate is equivalent to 4 mg. of Dexamethasone Phosphate)	2 ml/Amp 20 Amps/Box				
30	D05002	Inj. Hydrocortisone Sodium Succinate (with diluents in plastic container)	100 mg/Vial	2 ml/Amp 20 Amps/Box				
31	D05004	Tab. Prednisolone (Aluminium foil/Blister pack)	5 mg/Tab	10 Tabs/Strip 10 Strips/box				
32	D05015	Tab. Prednisolone (Aluminium foil/Blister pack)	10 mg/Tab	10 Tabs/Strip 10 Strips/Box				
33	D33020	Tab. Prednisolone (Aluminium foil/Blister pack)	20 mg/Tab	10 Tabs/Strip 10 Strips/box				
34	D33021	Tab. Prednisolone (Aluminium foil/Blister pack)	40 mg/Tab	10 Tabs/Strip 10 Strips/box				
35	D05023	Inj. Methylprednisolone (with diluents in plastic container)	40mg/Vial	40mg/Vial 20 Vials/Box				
36	D05024	Tab. Methylprednisolone (Aluminium foil/Blister pack)	8mg/Tab	10 Tabs/Strip 10 Strips/Box				
37	D05005	Inj. Adrenaline Bitartrate	1mg/ml (1:1000)	1ml/Amp 20 Amps/Box				
38	D05006	Tab. Chlorpheniramine Maleate (Aluminium foil/Blister pack)	4 mg/Tab	10 Tabs/Strip 10 Strips/box				

Sl No.	Drug Code	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	5	6	7	8	9
39	D05007	Inj. Pheniramine Maleate	22.75 mg/ml	2 ml/amp 20 Amps/Box				
40	D05010	Tab. Cetrizine Dihydrochloride (Scored) (Aluminium foil/Blister pack)	10 mg/Tab	10 Tabs/Strip 10 Strips/box				
41	D05011	Syp. Cetrizine Dihydrochloride (with measuring cap and palatable,plastic container as per I.P)	5 mg/ 5 ml	30 ml/Bottle 20 Bottles/ Box				
42	D05016	Syp. Levocetirizine (Palatable, with measuring cap and plastic container as per I.P)	2.5mg/5ml	30 ml/Bottle 20 Bottles/Box				
43	D05017	Inj. Betamethasone Sod. Phosphate	4mg / ml	1 ml/Amp 20 Amps/Box				
44	D05021	Tab. Levocetirizine Dihydrochloride(Aluminium foil/Blister pack)	5 mg/Tab	10 Tabs/Strip 10 Strips/box				
4. Category: Antidotes Used in Poisoning								
45	D03001	Inj. Atropine Sulphate	0.6 mg/ml	1 ml/Amp 20 Amps/Box				
5. Category: Anti-Epileptics Drugs								
46	D07004	Tab. Phenytoin Sodium(Aluminium foil/Blister pack)	100 mg/Tab	10 Tabs/Strip 10 Strips/box				
47	D07006	Inj. Diazepam	5 mg/ml	2 ml/Amp 20 Amps/Box				
48	D07014	Susp. Phenytoin (Palatable, with measuring cap and plastic container as per I.P)	30mg / ml	200 ml/Bottle 20 Bottles/Box				
49	D07007	Inj. Phenytoin Sodium	50 mg/ml	2 ml/Amp 20 Amps/Box				
6. Category: Anti-Infective / Anthelmintic Drugs								
6.1 Sub Category: Anthelmintic Drugs								
50	D08001	Tab. Mebendazole IP(Aluminium Foil)	100 mg/Tab	6 Tabs/Strip 10 Strips/Box				
51	D08003	Susp. Albendazole(Palatable, with measuring cap and plastic container as per I.P)	200 mg/5ml	10 ml/Bottle 20 Bottles/Box				
52	D08004	Tab. Albendazole (Chewable) (Aluminium foil/Blister pack)	400 MG/TAB	1 TAB/STRIP 10 STRIPS/BOX				
6.2 Sub Category: Anti - Bacterial Drugs								
53	D09002	Tab. Cotrimoxazole (Aluminium Foil/Blister pack)	TMP 80mg + SMZ 400mg / Tab	10 Tabs/Strip 10 Strips/box				
54	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				
55	D09004	Inj. Ampicillin Sodium (with diluents in plastic container)	Equivalent to 500 mg of anhydrous Ampicillin/Vial	500 mg/Vial 20 vials/box				
56	D09007	Inj. Ciprofloxacin I.V.	200mg/100ml (FFS/BFS, Plastic Container)	100 ml/Bottle 20 Bottles/Box				

Sl No.	Drug Code	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	5	6	7	8	9
57	D09009	Inj. Gentamycin Sulphate	Equiv. to Gentamicin 40 mg/ml	2 ml/Vial 20 Vials/Box				
58	D09012	Tab. Amoxicillin Trihydrate(Dispersible) (Aluminium Foil/Blister Pack)	Equivalent to 250 mg/Tab of Amoxicillin (Dispersible Tablet)	10 Tabs/Strip 10 Strips/box				
59	D09015	Cap. Doxycycline HCl (Aluminium Foil/Blister pack)	100 mg/Cap equivalent of 100 mg Doxycycline	10 Tabs/Strip 10 Strips/box				
60	D09016	Tab. Erythromycin Stearate (Equiv.to Erythromycin 250 mg)	250 mg/Tab	10 Tabs/Strip 10 Strips/box				
61	D09017	Tab. Norfloxacin (Aluminium Foil/Blister Pack)	400 mg/Tab	10 Tabs/Strip 10 Strips/box				
62	D09019	Inj. Amikacin Sulphate	500 mg/2ml equivalent of Amikacin	2 ml/Vial 20 Vials/Box				
63	D09020	Tab. Ciprofloxacin HCl (Aluminium Foil/Blister Pack)	500 mg/Tab	10 Tabs/Strip 10 Strips/box				
64	D09021	Tab. Sulphadiazine	500 mg/Tab	10 Tabs/Strip 10 Strips/box				
65	D09022	Cap. Tetracycline (Aluminium Foil/Blister pack)	250 mg/Cap	10 Tabs/Strip 10 Strips/box				
66	D09025	Tab. Cephalexin (Disp. Scored Tab.) (Aluminium foil/Blister pack)	250 mg/Tab	10 Tabs/Strip 10 Strips/box				
67	D09026	Tab. Cefadroxil (Aluminium Foil/Blister Pack)	500 mg/Tab	10 Tabs/Strip 10 Strips/box				
68	D09033	Tab. Ofloxacin (Aluminium Foil/Blister Pack)	200 mg/Tab	10 Tabs/Strip 10 Strips/box				
69	D13010	Tab. Ofloxacin + Ornidazole (with diluents in plastic container)	Ofloxacin 200mg + Ornidazole 500mg / Tab	10 Tabs/Strip 10 Strips/box				
70	LD0022	Tab.Cefuroxime+Clavunic	Cefuroxime 250Mg + Clavunic 125Mg	10 Tabs/Strip 10 Strips/box				
71	D09035	Tab. Roxithromycin (Aluminium Foil/Blister Pack)	150 mg/Tab	10 Tabs/Strip 10 Strips/box				
72	D09059	Tab. Roxithromycin (Disp. Tab.) (Aluminium foil/Blister pack)	50 mg/ Tab	10 Tabs/Strip 10 Strips/box				
73	D09036	Susp. Roxithromycin (With Measuring Cap & Palatable, Plastic container as per IP)	50 mg/5ml	60 ml/Bottle 20 Bottles/Box				
74	D09042	Inj. Cefotaxime Sodium(with diluents in plastic container)	125 mg/Vial	125 mg/Vial 20 Vials/Box				
75	D09046	Inj. Amikacin Sulphate	100 mg/2ml equivalent of Amikacin	2 ml/Vial 20 Vials/Box				
76	D09047	Inj. Ampicillin Sodium (with diluents in plastic container)	Equivalent to 100 mg of anhydrous Ampicillin/Vial	100 mg/Vial 20 Vial / Box				
77	D09049	Tab. Ciprofloxacin HCl (Aluminium Foil/Blister Pack)	250 mg/Tab	10 Tabs/Strip 10 Strips/box				
78	D09050	Cap. Amoxicillin Trihydrate (Aluminium Foil/Blister Pack)	500 mg/Cap	10 Tabs/Strip 10 Strips/box				
79	D09051	Tab. Cefadroxil (Dispersible Tablet)(Aluminium foil/Blister pack)	Equiv. to Anhydrous Cefadroxil 250 mg/Tab. (DT)	10 Tabs/Strip 10 Strips/box				
80	D09053	Inj. Cefotaxime Sodium (with diluents in plastic container)	Equiv. to Cefotaxime 250 mg/Vial	250 mg/Vial 20 Vials/Box				

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1	2	3	4	5	6	7	8	9
81	D09054	Inj. Cefotaxime Sodium(with diluents in plastic container)	1 gm/Vial	1 gm/Vial 20 Vials/Box				
82		Inj. Cefotaxime Sodium (with diluents in plastic container)	Equiv. to Cefotaxime 500 mg/Vial	500 mg/Vial 20 Vials/Box				
83	D09056	Inj. Ampicillin Sodium (with diluents in plastic container)	Equivalent to 250 mg of anhydrous Ampicillin/Vial	250mg/Vial 20 Vials/Box				
84	D09060	Susp. Amoxycillin(Palatable, with measuring cap and plastic container as per I.P)	125 mg / 5ml	60ml/Bottle 20 Bottles/Box				
85	D09121	Inj. Linezolid(with diluents in plastic container)	600mg/vial	600mg/vial 20 Vials/Box				
86	D09065	Tab. Cotrimoxazole (Disp. Tab.) (Aluminium foil/Blister Pack)	TMP 20mg + SMZ 100mg / Tab	10 Tabs/Strip 10 Strips/box				
87	D09066	Tab. Norfloxacin (Disp. Tab.) (Aluminium foil/Blister pack)	100mg / Tab	10 Tabs/Strip 10 Strips/box				
88	D09070	Cap. Tetracycline (Aluminium foil/Blister pack)	500 mg/Cap	10 Tabs/Strip 10 Strips/box				
89	D09072	Tab. Ofloxacin (Dispersible Tablet)(Aluminium foil/Blister pack)	100 mg/Tab	10 Tabs/Strip 10 Strips/box				
90	D09073	Inj. Ofloxacin I.V	2mg/ml (FFS / BFS, PLASTIC CONTAINER)	100 ml/Bottle 20 Bottles/Box				
91	D09074	Tab. Erythromycin Esteolate(Equiv.to Erythromycin 500 mg)	500 mg/Tab	10 Tabs/Strip 10 Strips/box				
92	D09077	Tab. Azithromycin (Aluminium Foil/Blister pack)	500 mg/Tab	3 Tabs/Strip 10 Strips/Box				
93	D09131	Inj. Cefoperazone & Sulbactam(with 10ml diluents in plastic container)	1000mg Cefoperazone + 500mg Sulbactam / vial	20 Vials/ Box				
94	D09078	Inj. Cefoperazone & Salbactam(with diluents in plastic container)	500mg Cefoperazone + 500mg Salbactum/vial	1gm/Vial 20 Vials/Box				
95	D09084	Tab. Ofloxacin (Aluminium foil/Blister pack)	400 mg/Tab	10 Tabs/Strip10 Strips/Box				
96	D09085	Susp. Ofloxacin (with measuring cap and palatable, plastic container as per I.P)	100mg / 5ml	60 ml/Bottle 20 Bottles/Box				
97	D09086	Inj. Cefoperazone & Sulbactam (with diluents in plastic container)	250mg Cefoperazone + 250mg Sulbactam/vial	500mg/Vial 20 Vials/Box				
98	D09087	Inj. Piperacillin + Tazobactam (with diluents in plastic container)	Piperacillin 4gm + Tazobactam 500mg/vial	4.5 gm/Vial 20 Vials/Box				
99	D09088	Inj. Piperacillin + Tazobactam (with diluents in plastic container)	Piperacillin 2gm + Tazobactam 250mg/vial	2.25 gm/Vial 20 Vials/Box				
100	D17029	Inj. Mepheteramine Sulphate	15 mg/ml	1ml/Amp 20Amp/Box				

Sl No.	Drug Code	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	5	6	7	8	9
101	D09089	Susp. Azithromycin (with measuring cap and palatable, plastic container as per I.P)	100mg / 5ml	15 ml/Bottle 20 Bottles/Box				
102	D09090	Tab. Cefixime (Dispersible) (Aluminium Foil/Blister pack)	50mg/Tab	10 Tabs/Strip 10 Strips/box				
103	D09091	Tab. Cefixime (Aluminium Foil/Blister pack)	200mg/Tab	10 Tabs/Strip 10 Strips/box				
104	LD0108	Tab. Cefixime & Ofloxacin	Cefixime 200Mg + Ofloxacin 500Mg	10 Tabs/Strip 10 Strips/box				
105	D09105	Cefixime Syrup	Cefixime 50 Mg/ 5 Ml	Each				
106	D09093	Inj. Ceftriaxone (with diluents in plastic container)	Equiv. to Ceftriaxone 250mg / vial	250 mg/Vial 20 Vials/Box				
107		Inj. Ceftriaxone (with diluents in plastic container)	Equiv. to Ceftriaxone 500mg / vial	500 mg/Vial 20 Vials/Box				
108	D09094	Inj. Ceftriaxone (with diluents in plastic container)	Equiv. to Ceftriaxone 1gm / vial	1gm/Vial 20 Vials/Box				
109	D09193	Syrup Cefpodoxime	30Ml/ 50Mg	20 Bots / Box				
110		Syrup Clarithromycin	125Mg/ 30Ml	20 Bots / Box				
111		Syrup Mefenamic Acid	60Ml	20 Bots / Box				
112		Syrup Levocetirizine + Montelukast	60Ml	20 Bots / Box				
113		Tab. Levocetirizine + Montelukast	5Mg+10Mg	10 Tabs/Strip 10 Strips/box				
114		Haemocogulase drops		20 Bots / Box				
115	D09095	Azithromycin Oral Suspension (Palatable, with measuring cap and plastic container as per I.P)	200mg / 5ml	15 ml/Bottle 20 Bottles/Box				
116	D09096	Tab. Cefixime (Scored and Dispersible) (Aluminium Foil/Blister pack)	100mg/Tab	10 Tabs/Strip 10 Strips/box				
117	D09098	Inj Cefotaxime+Sulbactam (with diluents in plastic container)	Cefotaxime 1gm + Sulbactam 0.5 gm / vial	1.5gm / Vial 20 Vials/Box				
118	D09099	Inj. Piperacillin + Tazobactam (with diluents in plastic container)	Piperacillin 1gm + Tazobactam 125mg/vial	1.125 gm/Vial 20 Vials/Box				
119	D09104	Cefadroxil Drop(Palatable, with dropper and plastic container as per I.P)	100mg/ml	10ml/Bottle 20 Bottle /Box				
120	D09105	Cefixim Drop(Palatable,plastic container as per I.P with Dropper)	25 mg/ml	20 Bot/ Box				
121	D09109	Amoxicillin Dry Syrup(Palatable, plastic container as per I.P with	125 mg x 5 ml	30ml / Bottle 20 Bottles/Box				
122	D09110	Tab. Cotrimoxazole Paediatric (Aluminium foil/Blister pack)	TMP 40mg + SMZ 200mg / Tab	10ml / Bottle 20 Bottles/Box				

Sl No.	Drug Code	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	5	6	7	8	9
123	D09111	Tab. Amoxicillin Trihydrate (Dispersible Tablet) (Aluminium foil/Blister pack)	Equivalent to 125 mg/Tab of Amoxicillin	10 Tabs/Strip 10 Strips/box				
124	D09112	Inj. Amoxicillin + Clavunic Acid(with diluents in plastic container)	Amoxicillin 1gm + Clavunic Acid 200mg / Vial	1.2gm/Vial 20 Vials/Box				
125	D09113	Cap./Tab. Amoxicillin and Clavulanic Acid (Aluminium foil/Blister pack)	Amoxycilin Trihydrate 500mg + Clavulanic Acid 125mg / Cap.	10 Caps/Strip 10Strips/Box				
126		Syp. Amoxicillin + Clavunic Acid	Amoxycillin 125Mg + Clavunic Acid 5ML in powder form	30ML/ Bot 20 Bot/ Box				
128	D09115	Inj. Ceftriaxone + Tazobactam(with diluents in plastic container)	Ceftriaxone 1gm + Tazobactam 125mg / vial	1.125 gm/Vial 20 Vials/Box				
129	D09114	Tab. Ciprofloxacin HCl (Dispersible Tablet) (Aluminium foil/Blister pack)	125 mg/Tab	10 Tabs/Strip 10 Strips/Box				
130	D09119	Inj. Ceftazidime(with diluents in plastic container)	1gm/vial	1gm/Vial 20 Vials/Box				
131	D09100	Tab. Nitrofurantoin (Aluminium foil/Blister pack)	100 mg/Tab	10 Tabs/Strip 10 Strips/Box				
132	D09122	Tab. Linezolid(Aluminium foil/Blister pack)	600mg / Tab.	10 Tabs/Strip 10 Strips/box				
133	D09124	Tab. Levofloxacin(Aluminium foil/Blister pack)	500mg / Tab.	10 Tabs/Strip 10 Strips/box				
134	D09127	Tab. Cefpodoxime Proxetil & Clavulanic Acid(Aluminium foil/Blister pack)	Cefpodoxime Proxetil 200mg + Clavulanic Acid 125mg / Tab.	10 Tabs/Strip 10 Strips/box				
135	D09133	Tab. Clarithromycin (Aluminium foil/Blister pack)	500mg / Tab. Scored	4 Tabs/Strip 10 Strips/Box				
136	D09136	Inj. Meropenem (with 10ml diluents in plastic container)	1gm	1gm/Vial 20Vials/Box				
137	D11001	Inj. Streptomycin	Each vial shall contain Streptomycin Sulphate IP equivalent to Streptomycin 750Mg	0.75Gm/ Vial 20 Vials /Box				
6.5 Sub Category: Anti- Fungal Drugs								
138	D12002	Whitfields Oint.	2:1ratio,6% w/w Benzoic Acid 3% w/w Salicylic Acid	500 gm/jar 20 Jars/Box				
139	D12016	Whitfield's Ointment	2:1 ratio, 6% w/w Benzoic Acid 3% w/w Salicylic Acid	50 gm/Tube 20 Tubes/Box				
140	D12007	Tab Fluconazole (Dispersible Tab.) (Aluminium foil/Blister pack)	50 mg/Tab	10 Tabs/Strip 10 Strips/Box				
141	D12008	Tab. Fluconazole (Aluminium Foil/Blister Pack)	150 mg/Tab	10 Tab/Strip 10 Strips/Box				
142	D12009	Clotrimazole Vaginal Pessaries with applicator	100mg/ Pessary	6 Pessary/Strip 10 Strips/Box				
143	D12011	Clotrimazole Vaginal Gel with applicator	CLOTRIMAZOLE 2% W/W	30gm/Tube 20 Tube/Box				

Sl No.	Drug Code	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	5	6	7	8	9
144	D12012	Clotrimazole Lotion (Plastic Container)	Clotrimazole 1% w/w	10ml/Vial 20 Vials/Box				
145	D12020	Cream Terbinafine	1% w/w	5gm/Tube 20 Tubes/Box				
146	D12015	Tab. Terbinafine (Aluminium foil/Blister pack)	250mg/Tab.	10 Tabs/Strip 10 Strips/box				
6.6 Sub Category: Anti- Protozoal(Anti-Amoebic) Drugs								
147	D13001	Tab. Tinidazole (Coated) (Aluminium Foil/Blister Pack)	300 mg/Tab	10 Tabs/Strip 10 Strips/box				
148	D13002	Susp. Tinidazole (Oral Susp.) (With Measuring Cap & Palatable, Plastic container as per IP)	150 mg/5 ml	60 ml/Bottle 20 Bottles/Box				
149	D13003	Inj. Metronidazole I.V	500 mg/100 ml Bottle (FFS/BFS, Plastic Container)	100 ml/Bottle 20 Bottles/Box				
150	D13004	Tab. Metronidazole IP((Coated)	200 mg/Tab	10 Tabs/Strip 10 Strips/box				
151	D13005	Tab. Metronidazole (Coated) (Aluminium Foil/Blister pack)	400 mg/Tab	10 Tabs/Strip 10 Strips/box				
152	D13007	Susp. Metronidazole (Oral Susp.) (With Measuring Cap & Palatable, plastic container as per I.P)	200 mg/5 ml(100 mg of Metronidazole Benzoate is equivalent of 62.5 mg of Metronidazole)	60 ml/Bottle 20 Bottles/Box				
153	D13008	Tab. Ornidazole (Coated) (Aluminium foil/Blister pack)	500 mg/Tab	10 Tabs/Strip 10 Strips/box				
154	D13009	Tab. MetronidazoleCoated) (Aluminium foil/Blister pack)	200 mg/Tab	10 Tabs/Strip 10 Strips/box				
6.7 Sub Category: Anti- Viral Drugs								
155	D18016	Tab. Acyclovir (Aluminium foil/Blister pack)	400mg/Tab. (Scored)	10 Tab/Strip 10 Strips/Box				
6.7 Sub Category: Anti- Malarial Drugs								
156	D14001	Tab. Chloroquine Phosphate (Coated) (Aluminium Foil/Blister pack)	250 mg/Tab (coated) equivalent to 155 mg Chloroquine	10 Tabs/Strip 10 Strips/box				
157	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				
158	D14004	Tab. Quinine Sulphate (Coated) (Aluminium foil/Blister pack)	300 mg/Tab	10 Tabs/Strip 10 Strips/box				
159	D14005	Inj. Quinine Di-Hydrochloride	300 mg/ml	2 ml/Amp 20 Amps/Box				
160	D14006	Tab. Primaquin Phosphate (Coated) (Aluminium foil/Blister pack)	7.5 mg/Tab,13 mg of primaquin phosphate equivalent to 7.5 mg of primaquin	10 Tabs/Strip 10 Strips/box				
161	D14007	Tab. Artesunate (Aluminium foil/Blister pack)	50 mg/Tab	4 Tabs/Strip 10 Strips/Box				
162	D14008	Inj. Arteether (Alpha : Beta)	150 mg/2 ml	2 ml/Amp 20 Amps/Box				
163	D14010	Susp. Quinine Sulphate (With Measuring Cap&Palatable,plastic container as per I.P)	150 mg/5 ml	60ml/Bottle 20 Bottles/Box				

Sl No.	Drug Code	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	5	6	7	8	9
164	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				
165	D14018	Inj. Artesunate	60 mg/Vial (with Sodium Bicarbonate 1 ml+5ml NaCl)	7 Vials/Box				
166	D14019	Tab. Sulphadoxine + Pyrimethamine (Aluminium Foil/ Blister Pack)	(Sulphadoxine 500 mg + Pyrimethamine 25 mg)/Tab	2 Tabs /Strip 10 Strips /Box				
167	D38011	Tab. Artemether + Lumefantrine (Aluminium Foil/Blister pack)	Each Kit contains: Artemether 40mg + Lumefantrine 240mg / Tab.	1 Kit / Box				
168	D38012	Tab. Artemether + Lumefantrine (Aluminium Foil/Blister pack)	Each Kit contains:Artemether 80mg + Lumefantrine 480mg / Tab	1 Kit / Box				
169	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				
170	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				
171	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				
172	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 / Packsize	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
1	2	3	4	5	6	7	8	9
173	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				
6.8 Category: Anti- Filarial Drugs								
174	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				
175	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				
176	D09092	Tab. Diethylcarbamazine Citrate (Aluminium Foil / Blister Pack)	100 mg / Tab	10 Tabs/Strip 10 Strips/box				
177	D09001	Tab. Diethylcarbamazine Citrate IP (Aluminium Foil)	50 mg / Tab	10 Tabs/Strip 10 Strips/box				
8. Category: Drugs Acting on Blood								
179	D16002	Tab. Folic Acid (Aluminium foil/Blister pack)	5 mg/Tab	10 Tabs/Strip 10 Strips/box				
180	D16005	Inj. Menadione (Vit.K3)	10 mg/ml	1ml/Amp 20 Amps/Box				
181	D30021	Inj. Kenandione (Vit. K)	1mg/0.5ml	0.5 ml/Amp 20 Amps/Box				
182	D16006	Tab. Ferrous Sulphate + Folic Acid + Vit. B12	Ferrous Sulphate Containing 60mg Elemental Iron + 250mcg Folic Acid+B12 15 mcg	10 tabs/strip 10 Strips/Box				
183	D16007	Inj. Ethamsylate	125 mg/ml	2 ml/Amp 20 Amps/Box				
184	D16011	Syp. Ferrous Sulphate + Folic Acid (Palatable with measuring cap, dropper and plastic container as per I.P)	Each 5ml contains 100mg of Ferrous Sulphate and 0.5 mg of Folic Acid	100ml/Bottle 20 Bottles/Box				
185	D16012	Inj. Tranexamic Acid	500mg/5ml	5ml/Amp 20 Amps/Box				
186	D16013	Tab. Tranexamic Acid (Aluminium foil/Blister pack)	500mg/Tab.	10 Tabs/Strip 10 Strips/box				
187	D16017	Tab. Doxylamine Succinate + Pyridoxine (Aluminium foil/Blister pack)	Doxylamine Succinate 10 mg + Pyridoxine 10 mg / Tab.	10 Tabs/Strip 10 Strips/box				
188	D16018	Inj Iron Sucrose	50 mg/ 2.5 ml	5 ml/Amp 20 Amps/Box				

Sl No.	Drug Code	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	5	6	7	8	9
189	D16019	Iron drop(Palatable, with dropper and plastic container as per I.P)	Elemental Iron 50 mg / ml.	15ml / Bottle 20 Bottle /Box				
190	D16028	Tab. Ethamsylate (Aluminium foil/Blister pack)	250mg / Tab.	10 Tabs/Strip 10 Strips/box				
191	D17048	Tab. Clopidogrel (Aluminium foil/Blister pack)	75 mg/Tab	10 Tabs/Strip 10 Strips/Box				
192	D17080	Tab. Atorvastatin (Aluminium foil/Blister pack)	40 mg/Tab	10 Tabs/Strip 10 Strips/Box				
9. Category: Cardio Vascular Drugs								
9.1 Sub Category: Diuretics								
193	D20001	Tab. Frusemide (Aluminium Foil/Blister pack)	40 mg/Tab	10 Tabs/Strip 10 Strips/box				
194	D20002	Inj. Frusemide	10 mg/ 1 ml	2 ml/Amp 20 Amps/Box				
195	D20004	I.V Mannitol	20% w/v (FFS/BFS Plastic container)	100 ml/Bottle 20 Bottles/Box				
196	D20005	Tab. Spiranolactone (Alluminium Foil/ Blister Pack)	25 mg/tab	10 Tabs/Strip 10 Strips/box				
197	D17026	Tab. Hydrochlorothiazide (Aluminium foil/Blister pack)	12.5 mg/Tab	10 Tabs/Strip 10 Strips/Box				
9.2 Sub Category: Anti- Anginal Drugs								
198	D17001	Tab. Isosorbide Dinitrate (Alluminium Foil/ Blister Pack)	5 mg/Tab	10 Tabs/Strip 10 Strips/box				
199	D17018	Inj. Glyceryl Trinitrate	5 mg/ml	5 ml/Amp 20 Amps/Box				
9.3 Sub Category: Anti-Hypertensive Drugs								
200	D17004	Tab. Nifedipine (Aluminium foil/Blister pack)	10 MG/TAB	10 Tabs/Strip 10 Strips/box				
201	D17006	Tab. Atenolol (Alluminium Foil/ Blister Pack)	50 mg/Tab	10 Tabs/Strip 10 Strips/box				
202	D17007	Tab. Metoprolol Tartarate (Alluminium Foil/ Blister Pack)	50 mg/Tab	10 Tabs/Strip 10 Strips/box				
203	D17013	Inj. Dopamine HCl (Intravenous Infusion)	40 mg/ml	5 ml/amp 20 Amps/Box				
204	D17015	Tab. Amlodipine Besylate (Alluminium Foil/ Blister Pack)	5 mg/Tab	10 Tabs/Strip 10 Strips/box				
205	D17032	Tab. Telmisartan (Aluminium foil/Blister pack)	40mg/Tab.	10 Tabs/Strip 10 Strips/box				
206	D17035	Tab. Losartan Potassium (Aluminium foil/Blister pack)	25 mg/Tab	10 Tabs/Strip 10 Strips/box				
207	D17044	Cap. Nifedipine (Soft gelatin capsule) (Aluminium foil/Blister pack)	10 mg/Cap	10 Tabs/Strip 10 Strips/box				
208	D17045	Tab. Nifedipine Sustained Release (SR) (Aluminium foil/Blister pack)	10mg/Tab	10 Tabs/Strip 10 Strips/box				

Sl No.	Drug Code	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	5	6	7	8	9
9.4 Sub Category: Anti-Heart Failure Drugs								
209	D17027	Tab. Digoxin(Alluminium foil/Blister Pack)	0.25 mg/Tab	10 Tabs/Strip 10 Strips/box				
9.5 Sub Category: Anti- Thrombotic Drugs								
10. Category: Dermatological Drugs								
210	D18002	Gamma Benzene Hexa Chloride + Cetrimide (Plastic container as per I.P)	GBH 1% w/v + Cetrimide 0.1% w/v	100 ml/Bottle 20 Bottles/Box				
211	D18009	Oint. Betamethasone Valeate	0.1% w/v	15gm/Tube 20 Tubes/Box				
212	D18011	Lotion Permethrin (Plastic Container as per IP)	5%w/v	60 ml/Bottle 20 Bottles/Box				
213	D18012	Cream Permethrin	5%w/v	30 gm/Tube 20Tubes/Box				
214	D18015	Cream Cotrimazole	1% w/v	15 gm/Tube 20 Tubes/box				
215	D18019	Lotion Fluocinolone Acetonide (Plastic Container as per IP)	Fluocinolone Acetonide 0.01mg/ml	15 ml/Bottle 20 Bottles/Box				
216	D18021	Clotrimazole Mouth Paint (Plastic Container as per IP)	1% w/v	15 ml/Bottle 20Bottles / Box				
217	D18022	Cream Fluocinolone Acetonide	Fluocinolone Acetonide 0.025% w/w (Anhydrous) in cream base	15 gm/Tube 20 Tubes/Box				
218	D18026	Lotion Permethrin (Plastic Container as per IP)	5%w/v	30 ml/Bottle 20 Bottles/Box				
219	D18027	Cream Clotrimazole	1% w/w	5 gm/Tube 20 Tubes/Box				
220	D19004	Solution Cetrimide (Plastic container as per I.P)	1% w/v	100 ml/Bottle 20 Bottles/Box				
11. Category: Disinfectants & Antiseptics								
221	D18006	Povidone Iodine Oint.	5% w/v	50 gm/Tube 20 Tubes/Box				
222	D18007	Povidone Iodine Solution (Plastic container as per I.P)	5% w/v	500 ml/Bottle 20 Bottles/Box				
223	D18023	Povidone Iodine Lotion (Plastic container as per I.P)	5% w/v	100 ml/Bottle 20 Bottles/Box				
224	D18024	Povidone Iodine Oint.	5 % w/v	15gm/Tube 20 Tubes/Box				
225	D18032	Mupirocin Ointment	2 % w/w	5 gm/Tube 20 Tubes/Box				
226	D19003	Oint Nitrofurazone USP (Polyglycol base)	0.2% w/v	500 gm/jar 20 Jars/Box				
227	D18003	Silver Sulphadiazine Cream	1% w/v	15 gm/Tube 20 Tubes/Box				

Sl No.	Drug Code	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	5	6	7	8	9
228	D19005	Lysol (Creosol With Soap) (Plastic Container as per IP)	50%	500 ml/Bottle 20 Bottle/Box				
229	D19007	Soln. Formaldehyde (Plastic Container as per IP)	34% to 38% w/v	500 ml/Bottle 20 Bottles/Box				
230	D19006	Surgical Spirit (Plastic container as per I.P)	-	500 ml/bottle 20 Bottles/Box				
231	D19008	Chloroxylenol Solution (Plastic Container as per IP)	5% w/v	500 ml/ Bottle 20 Bottles/Box				
232	D19009	Soln. Chlorohexidine Gluconate (Plastic Container as per IP)	Chlorohexidine Gluconate 19% to 21% w/v, Cetrimide 15%w/v, Isopropyl Alcohol 7%v/v	500 ml/Bottle 20 bottles/box				
233	D19014	Surgical Spirit (Plastic Container as per IP)	-	100 ml/Bottle 20 Bottles/Box				
12. Category: Gastrointestinal Drugs								
234	D21001	Inj. Ranitidine HCl	50 mg / 2 ml	2 ml/Amp 20 Amps/Box				
235	D21002	Tab. Ranitidine (coated) (Aluminium foil/Blister pack)	150 mg/Tab	10 Tabs/Strip 10 Strips/box				
236	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				
237	D21004	Inj. Metoclopramide	10 mg/2 ml	2 ml/Amp 20 Amps/Box				
238	D21005	Inj. Promethazine HCl	25 mg/ml	2 ml/Amp 20 Amps/Box				
239	D21008	Tab. Famotidine(Aluminium foil/Blister pack)	40 mg/Tab	10 Tabs/Strip 10 Strips/box				
240	D21009	Cap./Tab.Omeprazole (Aluminium foil/Blister pack)	20 mg/Cap./Tab	10 Tabs/Strip 10 Strips/box				
241	D21010	Tab. Domperidone (Aluminium foil/Blister pack)	10 mg/Tab	10 Tabs/Strip 10 Strips/box				
242	D21011	Tab. Dicyclomine HCl(Aluminium foil/Blister pack)	20 mg/Tab	10 Tabs/Strip 10 Strips/box				
243		Tab. Mefenamic Acid With Dicyclomine	Mefenamic Acid 250 Mg+ Dicyclomine HCl 10 Mg	10 Tabs/Strip 10 Strips/box				
244	D21012	ORS Packets (WHO formula)	20.5 gm/Sachet (Sodium Chloride 2.6 gm, Dextrose Anhydrous 13.5gm or Dextrose Monohydrate 14.85gm, Potassium Chloride 1.5gm, Sodium Citrate 2.9gm.) (Triple Laminated Aluminium foil)	Pouch 20 Pouchs/Box				
245	D21013	Inj. Dicyclomine HCl	10 mg/ml	2 ml/Amp 20 Amps/Box				

Sl No.	Drug Code	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	5	6	7	8	9
246	D21014	Syp. Dicyclomine (With Measuring Cap And Dropper,Palatable, Plastic container as per IP)	10 mg/5 ml	30 ml/Bottle 20 Bottles/Box				
247	D21018	Tab. Pantoprazole (Scored) (Aluminium foil/Blister pack)	40 mg/Tab	10 Tabs/Strip 10 Strips/box				
248	D21021	Susp. Sucralfate(Palatable, with measuring cap and plastic container as per I.P)	1gm/10ml	100ml/Bottle 20 Bottles/Box				
249	D21023	Inj. Ondansetran	2 mg/ml	2 ml/Amp 20 Amps/Box				
250	D21024	Tab. Ondansetron (Dispersible Tablet) (Aluminium foil/Blister pack)	4mg / Tab.	10 Tabs/Strip 10 Strips/box				
251	D21025	Inj. Rabeprazole (I.V)	20mg / Vial	20 mg/Vial 20 Vials/Box				
252	D21026	Tab. Rabeprazole (Scored,Entric coated) (Aluminium foil/Blister pack)	20mg / Tab.	10 Tabs/Strip 10 Strips/box				
253	D21027	Susp. / Gel Antacid (with measuring cap and palatable, plastic container as per I.P)	Alu. Hydroxide 250mg + Mag. Hydroxide 250mg+ Methyl Polysiloxane 50mg) / 5ml (Mint Flavour)	100 ml/Bottle 20 Bottles/Box				
254	D21028	Dicyclomine Drop (with dropper and palatable, plastic container as per I.P)	Dicyclomine HCl 10mg + Activated Dimethicone 40mg / ml	10 ml/Bottle 20 Bottles/Box				
255	D21029	ORS Sachet (WHO formula)	4.3gm / Sachet (Anhydrous dextrose IP: 2.7gm Sodium Chloride IP: 0.52gm Sodium Citrate: 0.58gm Potassium Chloride: 0.3gm,Excipients Q.S: 0.2gm To be mixed in 200ml boiled and cooled water	Pouch 20 Pouches / Box				
256	D21030	Inj. Pantoprazole	40 mg/vial	40 mg/vial 20 Vials/Box				
257	D21032	Tab. Drotaverine HCl(Aluminium foil/Blister pack)	40 mg/Tab	10 Tabs/Strip 10 Strips/box				
258	D21033	Tab. Drotaverine HCl(Aluminium foil/Blister pack)	80 mg/Tab	10 Tabs/Strip 10 Strips/box				
259	D21036	Inj. Drotaverine HCl	40 mg/Amp	2ml/Amp 20 Amp/Box				
13. Category: Hormones & Other Endocrine Drugs								
260	D22003	Tab. Metformin HCl (coated)(Aluminium foil/Blister pack)	500 mg/Tab	10 Tabs/Strip 10 Strips/box				
261	D22004	Tab. Glipizide (Aluminium foil/Blister pack)	5 mg/Tab	10 Tabs/Strip 10 Strips/box				
262	D22014	Tab. Glimepride	2 Mg/ Tab	10 Tabs/Strip 10 Strips/box				
14. Category: Immunologicals								
263	D23002	Inj. Snake Venum Antiserum (Polyvalent)	10 ml/Vial (Lyphillised, Powder form)	10 ml/Via 20 Vials/Box				

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1	2	3	4	5	6	7	8	9
264	D23005	Inj. Tetanus Toxoid (Adsorbed)	0.5 ml/Amp	0.5 ml/Amp 20 Amps/Box				
265	D23009	Inj. Anti Rabies Vaccine for Human Use (TCV) for ID use only	> 2.5 IU per vial (TCV of PVRV & / or PCEC only). Primary Cell Culture vaccine for both Intra- Muscular and Intra-Dermal use of 1ml with 1ml diluents. Packing: To be supplied with 1ml diluents and five (5)Nos. of 1ml Insulin Syringe (40units) with prefixed 26G intradermal needles per one vial along with one (1) number of 2ml reconstitution syringe with 24G needle (recent IS specification).	1ml/Vial 20 Vials/Box				
266	D23011	Inj. Human Anti-D Immunoglobuline	300mcg/1.5ml	1.5 ml/Amp 20 Amps/Box				
267	D23020	Inj. Hepatitis B-Vaccine	20mcg/ml	10ml/Vial 20 Vial/ Box				
15. Category: Ophthalmological/Aural Preparation								
268	D25001	Gentamycin Sulphate Eye/Ear Drops	0.3% w/v of Gentamicin (FFS Plastic vials, Automatic continuous single unit)	5 ml/Vial 20 Vials/Box				
269	D25010	Sulphacetamide Eye Drop	10% (Plastic Container, FFS Vials, Single Unit)	10 ml/vial 20 Vials/Box				
270	D25011	Chloramphenicol Eye Ointment (Applicap/Soft Cap)	1% w/v	250 mg/Applicap 50 Apls/Bottle				
271	D25012	Ciprofloxacin Eye /Ear Drop (Preservative Benzalkonium Cl. Soln. 0.01%w/v)	0.3% w/v (FFS Plastic vials, Automatic continuous single unit)	5 ml/Vial 20 Vials/Box				
272	D25022	Clotrimazole & Lignocaine Ear Drop	(Clotrimazole 1% W/V + Lignocaine Hcl 2% W/V) (20mg/ML) (FFS Automatic Continuous Single Unit)	5 ml/Vial 20 Vial/Box				
273	D25023	Ofloxacin Ophthalmic Solution	0.3% w/v (FFS Plastic Vials, Automatic Continuous Single Unit)	5 ml/Vial 20 Vials /Box				
16. Category: Oxytocics & Tocolytics								
274	D26001	Inj. Methylergometrine Maleate	0.2 MG/ML	1 ml/Amp 20 Amps/Box				
275	D26002	Inj. Oxytocin	5 IU/1ml	1ml/Amp 20 Amps/Box				
276	D26003	Tab. Methylergometrine Maleate (Aluminium foil/Blister pack)	0.125 mg/Tab	10 Tabs/Strip 10 Strips/Box				
277	D26004	Tab. Isoxsuprine (Aluminium Foil/Blister pack)	10 mg/Tab	10 Tabs/Strip 10 Strips/Box				
278	D26005	Inj. Carboprost Tromethamine	250 mcg/ml	1 ml/Amp 20 Amps/Box				
279		Inj. Calcium Gluconate 10 %	10% W/V	10 ML/ Amp 20 Amp/ Box				
280	D26006	Inj. Magnesium Sulphate	500 mg/ml	2 ml/Amp 20 Amps/Box				

Sl No.	Drug Code	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	5	6	7	8	9
281	D26007	Tab. Misoprostol (Aluminium foil/Blister pack)	200mcg/ Tab	10 Tabs/Strip 10 Strips/Box				
282	D26008	Tab.Norethisterone Acetate (Aluminium foil/Blister pack)	5mg/ Tab	10 Tabs/Strip 10 Strips/Box				
283	D26009	Inj. Hydroxy Progesterone	250mg/ ml	1 ml/Amp 20 Amps/Box				
17. Category: Psycho Therapeutic Drugs								
284	D27001	Tab. Diazepam (Aluminium Foil /Blister pack)	5 mg/Tab	10 Tabs/Strip 10 Strips/Box				
285	D27074	Tab. Alprazolam(Aluminium foil/Blister pack)	0.5 mg / Tab.	10 Tabs/Strip 10 Strips/Box				
18. Category: Drugs Acting on Respiratory Tract								
286	D28001	Inj. Theophylline & Etophylline	(Theophylline 50.6 mg + Etophylline 169.4 mg)/2ml	2 ml/Amp 20 Amps/Box				
287	D28003	Tab. Theophylline & Etophylline (Aluminium foil/Blister pack)	Theophylline 23 mg & Etophylline 77 mg per Tab	10 Tabs/Strip 10 Strips/box				
288	D28004	Tab. Salbutamol Sulphate (Aluminium foil/Blister pack)	4.82mg Salbutamol Sulphate equivalent to 4mg of salabutamol/Tab.	10 Tabs/Strip 10 Strips/box				
289	D28011	Syp. Salbutamol Sulphate (With Measuring Cap & Palatable, plastic container as per IP)	2.41mg Salbutamol Sulphate equivalent to 2mg of Salbutamol / 5ml	100 ml/Bottle 20 Bottles/Box				
290	D28013	Salbutamol Inhaler, 200 metered doses	100 mcg/puff	EachEach				
20. Category: Correcting Water, Electrolyte & Acid Base Disturbances								
291	D29001	I.V Sodium Chloride (Normal Saline)	0.9% w/v (FFS/BFS, Plastic Container)	500 ml/Bottle 20 Bottles/Box				
292	D29002	I.V Dextrose and Sodium Chloride (DNS)	5% w/v Dextrose, 0.9% w/v Sodium Chloride (FFS/BFS, Plastic Container)	500 ml/Bottle 20 Bottles/Box				
293	D29003	I.V Compound Sodium Lactate (RingerS Lactate) RL	Lactic Acid-0.24w/v equivalent to 0.32% w/v of sodium lactate sodium chloride-0.6% w/v, potassium chloride-0.04% w/v, calcium chloride-0.027% w/v (FFS / BFS Plastic Container)	500 ml/Bottle 20 Bottles/Box				
294	D29004	I.V Dextrose 5% (5D)	5% w/v (FFS/BFS, Plastic Container)	500 ml/Bottle 20 Bottles/Box				
295	D29005	I.V Dextrose 10% (10D)	10% w/v (FFS/BFS, Plastic Container)	500 ml/Bottle 20 Bottles/Box				

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1	2	3	4	5	6	7	8	9
296	D29009	Paediatric Maintenance Fluid	Each 100ml contains Dextrose Anhydrous 5gm, Potassium Chloride 0.130 gm, Sodium Acetate 0.320gm, Diabasic Potassium Phosphate 0.026gm, Magnesium Chloride 0.031 gm. (FFS / BFS Plastic Container)	500 ml / bottle 20 Bottles / Box				
297	D29010	Plasmaexpander Infusion Polygeline	Polymer from degraded gelatin 3.5 gm colloidal (polygeline) (Na 145,K 5.1, Cal 12.5,CI 145, mmol) 100ml (FFS/BFS plastic container)	500 ml/Bottle 20 Bottles/Box				

21. Category: Vitamins & Minerals

298	D30001	Tab. Calcium (Film coated) (Aluminium foil/Blister pack)	500mg Elemental Calcium per Tab	10 Tabs/Strip 10 Strips/box				
299	D30002	Cap. Vit A (Aluminium Foil/Blister Pack)	50,000 IU/Cap (Soft Gelatine Capsules)	10 Tabs/Strip 10 Strips/box				
300	D30003	Cap. Vitamin B Complex (Therapeutic) (Aluminium Foil/Blister Pack)	Vit.B1=5mg,B2=5mg,B6=2mg Niacinamide=50mg Calcium Pantothenate 5mg/Tab	10 Tabs/Strip 10 Strips/box				
301	D30016	Tab. Vitamin C (Ascorbic Acid) IP	500 mg/Tab(Aluminium foil)	10 Tabs/Strip 10 Strips/box				
302	D30007	Cap. Vit A.D (Therapeutic) (Aluminium foil/Blister pack)	Vit. A 5000 IU+Vit. D3 400 IU/Cap	10 Tabs/Strip 10 Strips/box				
303		Multivitamin Drop (Palatable, with dropper and container as per I.P)	15 ml/ Bottle	15ml / Bottle 20 Bottles/Box				
304	D30010	Tab. Riboflavin (Aluminium Foil/Blister Pack)	10 mg/Tab	10 Tabs/Strip 10 Strips/box				
305	D30015	Tab. Zinc Acetate / Sulphate (Dispersible Tablets)	Equivalent to 20mg of Elemental Zinc	10 Tabs/Strip 10 Strips/box				
306	D30020	Syp. Vitamin B-Complex (Palatable, with measuring cap and plastic container as per I.P)	(Thiamine HCl IP- 2mg, Riboflavin Sod. Phosp. IP- 2.54mg, Pyridoxine HCl IP-2mg, Nicotinamide IP-20mg, D-Panthenol IP-6mg, Ascorbic Acid IP 75mg) / 5 ml	60 ml/Bottle 20 Bottles/Box				
307	D30025	Inj. Methylcobalamine	1500 mcg / Amp.	1 - 2 ml/Amp. 20 Amps/Box				
308	D30022	Calcium Suspension (with measuring cap and palatable, plastic container as per I.P)	Elemental Calcium 250 mg / 5 mL.	100ml / Bottle 20 Bottles/Box				
309	D30023	Vit. E Drop (Palatable, with dropper and container as per I.P)	50mg/ml	15ml / Bottle 20 Bottles/Box				

22. Category: Surgical Dressings

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1	2	3	4	5	6	7	8	9
310	D34001	Handloom Cotton Gauze, Bleached Absorbent, Non-Sterilised	Min.Mass: 30±5gm /sq.mtr Confirming to IS:758/1988 Ends(Column)-75, Picks(Row)-55 / 10Sq.cm, Absorbency not more than 10seconds (Each unit in plastic cover)	16.5 mtr x 60 cm per than10 Thans/Packet				
311	D34002	Handloom Cotton Bandage Cloth, Bleached, Non-Sterilised	Min.Mass: 57±5gm / sq.mtr, Confirming to IS:863 / 1988, Ends(Column)-150, Picks(Row)-85 / 10Sq.cm, Ends(Column)-150,Picks(Row)-85/per 10 Sq cm. (Each unit in plastic cover)	16.5m x 90 cm/Than10 Thans/Packet				
312	D34003	Handloom Cotton Cloth for Plaster of Paris Bandages, Variety-1 Bleached	Min.Mass 40gm / Sq.mtr, Confirming to IS:6237 / 71, Ends(Column)-130, Picks(Row)-75 / 10Sq.cm (Each unit in plastic cover)	16.5 mts.x 90cm per Than10 Thans/Packet				
313	D34004	Absorbent Cotton	Net Weight 500gms, Absorbency not more than 10 Seconds (each Roll in Plastic cover)	500 gm/Packet (Net)10 Packets/Box				
314	D34007	Microporus Adhesive Paper Tape	2.5cm. x 10 yds (9.1 mtr) per roll	Each10 Rolls/Packet				
315	D34008	Roller Bandage	4 mt. x 6 cm, IS-863-1988, Ends (column)-150, Picks (Row)-85/10 Sq. c.m.	10 Rolls/Packet.				
23. Category: Miscellaneous Agents								
316	D29015	Saline Nasal Drop	0.65 % w/v	10ml / Bottle 20 Bottles/Box				
317	D31016	Soft Paraffin White IP	-	.1 Kg.in Polyjar Pack				
318	D31018	Black Disinfectant Fluid (Phenyl) ISI (4 Litre)	4 Litre (SCH.O/ CLASS-A, GRADE-III, R.W. C-5 to 7, IS NO.-1061/1997)	4 litres/jar.				
319	D31014	Bleaching Powder	Not Less than 30% w/v Available Chlorine	25kg / Packet				
320	D31026	Borax Glycerin	12% w/v of Borax	50 ml/Bottle20 Bottles/Box				
321	D31027	Gentian Violet	Liquid with preservative	10ml / Bottle20 Bottle / Box				
Surgical , Sutures & Others								
322	S01003	Black Braided Silk	Size:- 1-0, 1 / 2 Circle Round Bodied 30 mm needle (Sterilized) U.S.P, with CE certification	12 Foils/Box.				
323	S01004	Black Braided Silk	Size:- 1, 1 / 2 Circle Round Bodied 30 mm needle (Sterilized) U.S.P, with CE certification	12 Foils/Box.				
324	S01008	Catgut Plain	Size:- 1-0, U.S.P, with CE certification	12 Foils/Box.				

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1	2	3	4	5	6	7	8	9
325	S01009	Catgut Plain	Size:- 2-0, U.S.P, with CE certification	12 Foils/Box.				
326	S01010	Catgut Chromic	Size:- 1, (without needle) U.S.P, with CE certification	12 Foils/Box.				
327	S01011	Catgut Chromic	Size:- 1-0, (without needle) U.S.P, with CE certification	12 Foils/Box.				
328	S01012	Catgut Chromic Atraumatic	Size:- 1-0, 1/2 Circle Round Bodied (45mm needle) U.S.P, with CE certification	12 Foils/Box.				
329	S01013	Catgut Chromic Atraumatic	Size:- 1, 1/2 Circle Round Bodied (40mm needle) (Heavy) U.S.P, with CE certification	12 Foils / Box.				
330	S01014	Catgut Chromic Atraumatic	Size:- 1-0, 1/2 Circle Round Bodied (40mm needle) U.S.P, with CE certification	12 Foils/Box.				
331	S01015	Catgut Chromic Atraumatic	Size:- 1-0, 1/2 Circle Round Bodied (30mm needle) U.S.P, with CE certification	12 Foils/Box.				
332	S01016	Polypropylene	Size:- 1, 1/2 Circle Round Bodied 40mm (Heavy needle) U.S.P, with CE certification	12 Foils/Box.				
333	S01017	Polypropylene	Size:- 1-0, 1/2 Circle Round Bodied 30mm (needle) U.S.P, with CE certification	12 Foils/Box.				
334	S01018	Polyglactin	Size:- 1, 1/2 Circle Round Bodied 40mm (Heavy needle) U.S.P, with CE certification	12 Foils/Box.				
335	S01019	Polyglactin	Size:- 1-0, 1/2 Circle Round Bodied 40mm (needle) U.S.P, with CE certification	12 Foils/Box.				
336	S01042	Poly Propylene Mesh	Size:- 15xSize:- 15cm, with CE certification	1 No. / Box.				
337	S01068	Black Braided Silk	Size:- 2-0, 1 / 2 Circle Round Bodied 20 mm needle (Sterilized) U.S.P, with CE certification	12 Foils/Box.				
338	S01069	Black Braided Silk	Size:- 3-0, 1 / 2 Circle Round Bodied 20 mm needle (Sterilized) U.S.P, with CE certification	12 Foils/Box.				
339	S01080	Polyglactin	Size:- 3-0, 1/2 Circle Round Bodied 20mm (Needle) U.S.P, with CE certification	12 Foils/Box.				
340	S01081	Polyglactin	Size:- 4-0, 1/2 Circle Round Bodied 20mm (Needle) U.S.P, with CE certification	12 Foils/Box.				

Sl No.	Drug Code	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	5	6	7	8	9
341	S02001	Disposable Syringes	2 CC, With colour coded (as per BIS) needle Sterilised, Luer Mount, Non - toxic CGS 2CC as per Drugs & Cosmetics Act 1940, IS No. 12655 with CE certification	50 Pieces in one box.				
342	S02002	Disposable Syringes	5 CC, with colour coded (as per BIS) needle Sterilised, Luer Mount, Non - toxic CGS 5CC as per Drugs & Cosmetics Act 1940, IS No. 12655 with CE certification	50 Pieces In One Box.				
343	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.				
344	S02005	Disposable Insulin Syringes	40 Unit, With Needle, Sterilised Non -Toxic, Unit 40 with CE certification	50 Pieces In One Box.				
345	S02008	Intra Cath	Adult,(two way)with closing Cover Type II Sterilised Size 18, 20,22 (Adult)with CE certification, Requirement Size 18 (40%), 20(40%), 22(20%)	50 Pieces In One Box.				
346	S02009	Intra Cath	Child, (two way) with closing Cover Type II Sterilised Size 24 (Child) with CE certification	50 Pieces In One Box.				
347	S02010	Disposable Scalp Vein Set	ETO Sterilise Pyrogen free short beveled silliconised needle size 20, 22, 24, Length 3/4 with CE certification.	50 Pieces In One Box.				
348	S02011	Intravenous Set	Adult, With built in Airway moulded chamber and Needle, Sterile, Disposable, Non - Toxic, Non Pyrogenic, sterilised by ETO, 2.7 to 3.00 mm tube with fluid filter, non-kinkable tube, Length not less than 150 cms / I.S No. 12655 (part-4 of 2	50 Pieces In One Box.				
349	S02012	Intravenous Set	Child, With built in Airway moulded chamber and Needle, Sterile, Disposable, Non - Toxic, Non Pyrogenic, sterilised by ETO, 2.7 to 3.00 mm tube with fluid filter, non-kinkable tube, Length not less than 150 cms / I.S No. 12655 (part-4 of 2	50 Pieces In One Box.				
350	S02013	Blood Administration Set	Disposable Sterilised by ETO as per Drugs and Cosmetics Act-1940, I.S. No. 9824 (part 3 of 1996) with CE certification	50 Pieces In One Box.				
351	S02017	Microscopic Glass Slide	3" x 1" x 1.1 + 0.1 / - 0.2mm thickness (75mm X 25mm) with ISI mark	50 Pieces in One Box.				

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1	2	3	4	5	6	7	8	9
352	S02024	Foleys Urinary Catheter	Size: 16 & 18, Silkolates (Pre -sterile) 2 way sterile, Non - toxic with CE certification	In Nos (Each).				
353	S02025	Foleys Urinary Catheter	Size: 16 & 19, Silkolates (Pre -sterile) 3 way sterile, Non - toxic with CE certification	In Nos (Each).				
354	S02026	Urinary Drainage Bag	Sterilised with non return valve and Drainage outlet with a capacity of 2000ml , with marking non toxic pyrogen free, double seek , clinical grade PVC with CE certification will be preferred	In Nos (Each).				
355	S02031	Ryles Tube	Polythene (P.V.C) Pre -sterile (Length 105ms) Sterile Non toxic , Pyrogen free , with Radio Opaque Line Assorted Sizes 7, 8,12,14.with CE certification will be preferred	Each.				
356	S02034	Operation Gloves (Sterilised)	BIS specifications gloves, surgical rubber made of Hypoallergic latex.- 100%electronically tested, sterilised by Gamma Radiation /ETO, IS No. 13422-92-with CEcertification-Requirement size 7"(50%),7 1/2"(25%),6 1/2"(25%)	IN DOZEN PAIR.				
357	S02037	Sterile Disposable Blood Lancet (Pricking Needle)	-	Each				
358	S02043	Disposable Syringes	10 CC, with colour coded (as per BIS) needle Sterilised, Luer Mount, Non - toxic CGS 10CC as per Drugs & Cosmetics Act 1940, IS No. 12655 with CE certification	50 pieces in one box				
359	S02044	Disposable Syringes	50 CC, with colour coded (as per BIS) needle Sterilised, Luer Mount, Non - toxic CGS 50CC as per Drugs & Cosmetics Act 1940, IS No. 12655 with CE certification	50 pieces in one box				
360	S02049	Disposable Examination Gloves	6", 6 1/2", 7", 7 1/2", Sterilised, small, medium & large, pre-powdered, with CE certified, surgical rubber made of Hypoallergic latex. 100% electronically tested, sterilised by Gamma Radiation / ETO, White coloured. Min. length-240mm	Dozen Pair				
361	S02051	Umbilical cord clamp / Vascular clamp (sterilised)	-	Each				

Sl No.	Drug Code	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	5	6	7	8	9
362	S02055	Disposable Head Cap	-	Each				
363	S02118	Disposable Delivery Kit (ETO Sterilised)	-	Each				
364	S02063	Infant mucous extractor	PVC, Non-Toxic, Sterilised, Pyrogen free, Disposable with CE certification will be preferred	Each				
365	S02079	Triple (three) layer face mask	(9cm x 17cm approx.), nose clip adaptable.(Tie on mask of non-woven, hypoallergenic 3 ply construction with filter in between offering >99% standard with 4 tie strings.)	Each.				
366	S02027	Makintosh Sheet	Size 90cm wide, length 100cms, ISI Marked, I.S. No.4135-1974, Double colour, water proof. (The mackintosh should be of Grade A (i) as per IS specification 4135:1974. It should have 55% rubber and 35% polymer.)	Each Metre.				
367		Baby Diaper	New Born	Each				
368		Baby sock, Cap, Gloves (Cotton)	-	Each Pkt				
369		Suction Tube						
370		Sanitary Napkin		Each Pkt				
371		Inj. Estradiol benzoate 1mg + Estradiol Phenylpropionate 4 mg + Testosterone propionate 20mg + Testosterone Phenylpropionate 40mg + Testosterone isocaproate 40 mg/1 mL.		Each				
372		Tab. Ethinyl Estradiol 0.004 mg + Methyltestosterone 3.6mg.		10 Tabs/ Strip 10 Strips/ Box				
373		B.P. Blade	Size: 20,22,24	Each				
374		Spinal Needle	Disposable Adult as per BIS23 / 25G (70 - 90mm) with hub (Colour coded as per ISO Standard)	Each				
375		Oint Methyl Salicylate	Menthol-6%, Methyl Salicylate-14%	500 Gm/ Jar 20 Jar/ Box				

Sl No.	Drug Code	Name of the Item	Specification	Unit / Packsizes	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
1	2	3	4	5	6	7	8	9
376	D31008	X-Ray Photo Film	8" x 10"	50 Films/Pkt 1 Pkt				
377	D31009	X-Ray Photo Film	10" x 12"	50 Films/Pkt 1 Pkt				
378	D31010	X-Ray Photo Film	12" x 12"	50 Films/Pkt 1 Pkt				
379	D31011	X-Ray Photo Film	12" x 15"	50 Films/Pkt 1 Pkt				
380		Digital X-Ray Photo Film (CARESTREAM)	8" x 10"	125 Films/Pkt 1 Pkt				
381		Digital X-Ray Photo Film (CARESTREAM)	10" x 12"	125 Films/Pkt 1 Pkt				
382		Digital X-Ray Photo Film (CARESTREAM)	14" x 17"	125 Films/Pkt 1 Pkt				
383	D31025	Dental intra oral X-Ray films	4.1cm x 3.1cm	150 Films/Pkt 1 Pkt				
384		X-Ray Developer	To make 9 Liters	Each Pkt.				
385		X-Ray Fixer	for 9 Liters	Each Pkt.				
386		Ultrasound Jelly	5Kg/ Jar	Each Jar				
387		Plastic Apron	Disposable	Each				
388		Oxygen Mask	Adult	Each				
389		Oxygen Mask	Child	Each				
390		Elastic Adhesive Bandage (I.V. Cannula Fixator)		Each				
391		Hot Water Bag		Each				
Materials For Bio-Medical Waste Management								
392		Waste Bin (Red, Blue, Black & Yellow)(Size: 30 Liters with swing lid)	The Bin should have bio hazard symbol with color waste logo, government of odisha supply. The manufacturer should be an ISO certified company with manufacturing licenses of color biomedical waste management bins.	Each				
393		White Jerri Can 5 Liters	Puncture Proof Container	Each				
394		Disposable Polythene Bags (Red, Blue, Black & Yellow)	Bio degradable, with proper size as per the Bins (30 Liter)	Each Kg				

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1	2	3	4	5	6	7	8	9
395		Needle Syringe Terminator (Electrical)	length 0.5" to 1.5". Degree Centigrade. above 2000 needles can be burnt into one electrical unit per day. 150mm. handy). destroyer for cleaning the electrodes. advanced process cutting technology that cuts nozzle for Syringe.	Each				
396		Sodium Hypochloride Solution (1%)	5 Liter Jar	Each				
397		Sodium Hypochloride Solution (10%)	5 Liter Jar	Each				
398		Hub Cutter 1 Liter	Ultra Durable, High Impact Resistance, Auto-Clavable Hub Cutter, should be made up of pyrogen free non-toxic material, Capacity-1Liter	Each				
399		Rubber Gloves		Pair				
400		Grum Boot		Pair				
Others								
401		Baby Weighing Scale with Sling		Each				
402		Weighing Machine (Adult) Digital		Each				
403		Clinical Digital Thermometer		Each				
404		Digital Stop Watch		Each				
405		Sterile Water for Injection (Plastic container as per IP)	5Ml/ Amp	Each				
406		Syrup Hydroxyzine	10Mg/ 5Ml	5Ml/ Bot 20 Bot/ Box				
407		Tab. Hydroxyzine	25Mg	10 Tab/Strip 10 Strips/Box				
408		Fusidic Acid/ Cream/ Ointment	5Gm Tube	5Gm/ Tube 20 Tube/ Box				
409		Hydrocortisone Cream/ Gel/ Ointment		20 Tube / Box				
410		Vitamin D: Cholecalciferol granules as 1gm sachets		20 Bot/ Box				
411		Digital X-Ray Cassette with IPn (CARESTREAM)	8" x 10"	Each				

Sl No.	Drug Code	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	5	6	7	8	9
412		Digital X-Ray Cassette with IPn (CARESTREAM)	10" x 12"	Each				
413		Digital X-Ray Cassette with IPn (CARESTREAM)	14" x 17"	Each				
414		Digital X-Ray Cassette with IP (KONICA)	8" x 10"	Each				
415		Digital X-Ray Cassette with IP (KONICA)	10" x 12"	Each				
416		Digital X-Ray Cassette with IP (KONICA)	14" x 17"	Each				
417		Digital X-Ray Cassette (Fuji)	8" x 10"	Each				
418		Digital X-Ray Cassette (Fuji)	10" x 12"	Each				
419		Digital X-Ray Cassette (Fuji)	14" x 17"	Each				
420		Digital X-Ray Cassette IP (Fuji)	8" x 10"	Each				
421		Digital X-Ray Cassette IP (Fuji)	10" x 12"	Each				
422		Digital X-Ray Cassette IP (Fuji)	14" x 17"	Each				
423		Lead Blocker	for X-ray	Each				
424		Multi Wing Lead Barriers for X-Ray Machine with Stand (3 fold)	6 Feet	Each				
425		Hanger Channel Type	15" x 12"	Each				
426		Hanger Channel Type	12" x 12"	Each				
427		Hanger Channel Type	12" x 10"	Each				
428		Hanger Channel Type	10" x 8"	Each				
429		Clips for X-Ray Films		Each				
430		Stainless Stee Tank		Each				
431		Lead Apron		Each				
432		X-Ray View Box		Each				
433		ECG Paper		Each				
434		Tab. Vildagliptin	50mg	10 Tabs/ Strip				

Sl No.	Drug Code	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	5	6	7	8	9
435		Tab. Gliclazide	40 Mg	10 Tabs/ Strip				
436		Tab. Gliclazide	80 Mg	10 Tabs/ Strip				
437		Tab. Rosuvastatin	5 Mg	10 Tabs/ Strip				
438		Tab. Rosuvastatin	10 Mg	10 Tabs/ Strip				
439		Tab. Rosuvastatin	20 Mg	10 Tabs/ Strip				
440		Tab. Olmesartan	20 Mg	10 Tabs/ Strip				
441		Tab. Olmesartan	40 Mg	10 Tabs/ Strip				
442		Tab. Azilisartan	40 Mg	10 Tabs/ Strip				
443		Tab. Azilisartan	80 Mg	10 Tabs/ Strip				
444		Tab. Ramipril	2.5Mg	10 Tabs/ Strip				
445	D17053	Tab. Ramipril	5 Mg	10 Tabs/ Strip				
446		Tab. Ramipril	10 Mg	10 Tabs/ Strip				
447		Tab. Lisinopril	5 Mg	10 Tabs/ Strip				
448		Tab. Prazacin	2.5Mg	10 Tabs/ Strip				
449		Tab. Prazacin	5 Mg	10 Tabs/ Strip				
450		Tab. Torsemide	5 Mg	10 Tabs/ Strip				
451		Tab. Torsemide	10 Mg	10 Tabs/ Strip				
452		Tab. Torsemide	20 Mg	10 Tabs/ Strip				
453		Tab. Torsemide	100 Mg	10 Tabs/ Strip				
454		Tab. Donepezil	5 Mg	10 Tabs/ Strip				
455		Tab. Donepezil	10 Mg	10 Tabs/ Strip				
456		Tab. Carmibrazole	5 Mg	10 Tabs/ Strip				
457		Tab. Carmibrazole	10 Mg	10 Tabs/ Strip				
458		Tab. Thyroxine Sodium	25 Mcg	10 Tabs/ Strip				
459		Tab. Thyroxine Sodium	50Mcg	10 Tabs/ Strip				
460		Tab. Thyroxine Sodium	100 Mcg	10 Tabs/ Strip				
461		Tab. Telenigiptin	20 Mg	10 Tabs/ Strip				
462		Tab. Glyceriletrinitrate	2.6Mg	10 Tabs/ Strip				
463		Surgical Blade	Size-11	Each				
464		Surgical Blade	Size-15	Each				
465		Disposable Syringe	20MI	Each				
466		Fusidic Acid skin Ointment	10Gm	Each				
467		Suture Prolone	3.0 for hand circle/curve cutting needle	Each				
468		Suture Prolone	2.0 for hand circle/curve cutting needle	Each				
469		Suture Prolone	4.0 for hand circle/curve cutting needle	Each				
470		POP Roll	10 CM	Each				

Sl No.	Drug Code	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	5	6	7	8	9
471		POP Roll	15 CM	Each				
472		Crape Bandage	7.5CM	Each				
473		Crape Bandage	8CM	Each				
474		Crape Bandage	10CM	Each				
475		Cloramphenicol Eye Applicap	-	Each				
476		Jellonet	-	Each				
477		Inj. Fortwin	-	Each				
478		Inj. Phenargon	-	Each				
479		Inj. Xilocan Adrenaline	-	Each				
480		Hydrochloride Cough Syrup	200 MI/ Bot	Each				
481		Disposable Needle	23 G	Each				
482		Disposable Needle	26 G	Each				
483		Stitch 10-0 (double needle)		Each				
484		Inj. Xylone 4% (Topical)	30 MI/ Vial	Each				
485		Inj. Hyaluronidase	1 MI/Vial	Each				
486		Inj. Bupivacaine 0.5%	20MI/ Vial	Each				
487		Inj. Pilocarpin	1MI/ Vial	Each				
488		VISCO Elastic	5MI/ Vial	Each				
489		VISCO Elastic	3MI/ Vial	Each				
490		Isotmic Balanced salt Solution	250MI/ Bot	Each				
491		Isotmic Balanced salt Solution	500MI/ Bot	Each				
492		Trypan Blue	1MI/ Vial	Each				
493		Tab. Acetazolamide	250Mg	10 Tabs				
494		Tab. Formaloine	-	10 Tabs				

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1	2	3	4	5	6	7	8	9
495	D25034	Moxifloxacin Eye Drop	5MI/ Ph	Each				
496	D25041	Ofloxacin + Dexamethasone with steroid Eye Drop	5 MI/ Ph	Each				
497		Homatropin Eye Drop	5 MI/ Ph	Each				
498		Cyclopentolate Eye Drop	5 MI/ Ph	Each				
499	D25028	Timolol Eye Drop	5 MI/ Ph	Each				
500		Chlorohexadine Gluconate cetrimide & isopropyl alcohol solution	250 MI/ Bot	Each				
501		Chlorohexadine Gluconate cetrimide & isopropyl alcohol solution liquid soap	-	Each				
502		Kerotom-Blade	2.6	Each				
503		Enlarge -Blade	2.8	Each				
504		Crescent-Blade	2.5	Each				
505		Side Port-Blade		Each				
506		IOL (Intra Ocular Lens) (EO Sterile)	All Sizes	Each				
507		Dark Spectacle for Cataract Surgery Patients	-	Each				
508		Cotton Swab Stick	-	100 Nos. Packet				
509		Tab. Aceclofenac + Tab. Paracetamol	10Mg + 650Mg	Each				
510		Syp. Nevirapiene	Bottle	Each				
511	D28017	Tab. Doxofylline (Aluminium foil/Blister pack)	400mg/Tab.	10 Tabs/Strip 10 Strips/Box				
512	D21020	Susp. Domperidone (With Measuring Cap & Dropper, Palatable) (plastic container as per I.P)	1 mg/ml	20 Bot/ Box				
513		Magnifying Glass Lens with LED light	Magnifying glass lens. Unit Type: piece Package Weight: 0.216kg (0.48lbs.) Package Size: 15cm x 17cm x 4cm (5.91in x 6.69in x 1.57in). Model Number: YB360-SZ Size: 190*83*28mm Colour: White Magnification: 45X Material: Other.	Each				

Sl No.	Drug Code	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	5	6	7	8	9
514		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. It should produce instant impression on the nail as well as on the skin.</p>	Each				
515		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: 1MI</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				
516		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 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				
517		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				
518		Vial Opener/ Ampule Cutter	SS Blade, Multiuse glass Ampule cutter with diamond cutting technology	Each				

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1	2	3	4	5	6	7	8	9
519		Puncher Proof Container	Color- Blue Translucent, Capacity- 1.2-1.5Lit. Material- Plastic (Polypropylene) Shape- Rectangular, Disposability- Disposable, Use for – Disposal of broken Vial, ampules etc. More Features:- Solid and Stable Shape. Air tight even If turned upside down. Made in High Density Polypropylene Plastic. No emission of harmful gases during incineration process. Easy to carry with handle. Lightweight and Perfect finish. Rigid, leak-proof, puncture proof, sealed and clearly marked with the bio-hazard symbol	Each				
520		Stainless steel Table	Length- 8ft, Height- 2ft 3Inch, Width- 2ft 3Inch GRADE:- 304, 18Gauge, smooth surface sheet Approximate Weight- 28Kg (Minimum)	Each				
521		Plastic Box	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)	Each				
522		Plastic Tub	30 Liter					
523		Plastic Mug	1 Liter					
524		Needle	24/25G of one inch length	Each				
525		Dose Chart, Symptoms Hand outs, Certification copy	A4 Size 70-80 GSM Paper with both side printing	Each				
526		Tab. Formaline	-	10 Tabs/ Strip				
527		Tab. Ascorbic acid 500mg + Vitamine D3 400IU + zinc 150mg	-	10 Tabs/Strip 10 Strips/Box				
528		Tab. Diclofenac 50mg + Paracetamol 325mg	-	10 Tabs/Strip 10 Strips/Box				
529		Tab. Vitamine D3 60000 I.U.	-	10 Tabs/Strip 10 Strips/Box				
530		Tab. Norfloxacin 500mg + Metronidazole 400mg + LB	-	10 Tabs/Strip 10 Strips/Box				
531	D11004	INH 100Mg	Each Isoniazid Tablet should contain Isoniazid IP 75 mg. Tablets should conform to the requirements of IP.	10 Tabs/ Strip				
532	D11005	INH 300Mg	Each Isoniazid Tablet should contain Isoniazid IP 300 mg. Tablets should conform to the requirements of IP.	10 Tabs/ Strip				

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1	2	3	4	5	6	7	8	9
533		INH 75 Mg	Each Isoniazid Tablet should contain Isoniazid IP 75 mg. Tablets should conform to the requirements of IP.	10 Tabs/ Strip				
534		Polyamide Suture	10-0	12 Foils/Box.				
535		Tab. Clofazimine	100Mg	10 Tabs/ Strip				
536		Tab. Clofazimine	50Mg	10 Tabs/ Strip				
537	D11010	Tab. Pyrazinamid	750Mg	10 Tabs/ Strip				
538		Tab. Ethambutol	400mg/Tab.	10 Tabs/ Strip				
539		Tab. Isoniazid	100 Mg	10 Tabs/ Strip				
540		Tab. Isoniazid	300 Mg	10 Tabs/ Strip				
541		Tab. Isoniazid	75 Mg	10 Tabs/ Strip				
542	D11002	Cap. Rifampcin	150 Mg	10 Tabs/ Strip				
543	D11042	Cap. Rifampcin	300 Mg	10 Tabs/ Strip				
544	D11003	Cap. Rifampcin	450 Mg	10 Tabs/ Strip				
545		Tab. Moxifloxacin	400 mg/Tab	10 Tabs/ Strip				
546		Inj. Enoxaparin	60Mg	Each Amp				
547		Nasal Cannula with Mask	Adult	Each				
548		Nasal Cannula with Mask	Child	Each				
549		Budesonide Nebuliser Solution	-	Each				
550		Nebuliser Mask	-	Each				

Sl No.	Drug Code	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	5	6	7	8	9
551		Tab. Cilostazole	50Mg	10 Tabs/ Strip				
552		Patassium Permanganate	100Gm	Pkt				
553	D16027	Solution Disodium Hydrogen Citrate (Palatable, with measuring cap and plastic container/ Glass Bottel as per I.P)	1.38Gm-1.5Gm/ 5Ml	100 MI/ Bot. 20 Bots/ Box				
554		Clindamycin Ointment	1% w/v	Tube				
555		Solution Salbutamol Sulphate for Nebulizer	5Mg/ MI	Ph.				
556		Plaster of paris Bandage - calcium sulphate content more then 85% (Gypsona)	4"	Each				
557		Plaster of paris Bandage - calcium sulphate content more then 85% (Gypsona)	6"	Each				
558		Blood Collection Bag CPD-A1	350 MI	Each				
559		Haemocogulase drops		20 Bots / Box				
560	D23015	Inj. Hepatitis B Immunoglobulin (HBIG)	100 IU/ 0.5 or 1ml Each unit packet shall contain the following : i) 1 Vial (0.5 / 1 ml./Vial) ii) 1 Eclipse Needle (21G) All blood products should be "Test Negative for HBsAg, HIV I & II, HCV Antibodies" which will be printed on each unit packet.	20 Vials/Box				
561		Inj. Hepatitis B Immunoglobulin (HBIG)	200 IU/ 0.5 or 1ml Each unit packet (200 IU/1ml) shall contain the following: i) 1 Vial or PFS (0.5 / 1 ml./Vial or PFS) ii) 1 Eclipse Needle (21G) All blood products should be "Test Negative for HBsAg, HIV I & II, HCV Antibodies" which will be printed on each unit packet.	20 Vials/Box				
562		Salbutamol Inhaler, 200 metered doses	100 mcg/puff	EachEach				
563		Stainless Stee Tank		Each				
564		Hydrochloride Cough Syrup	200 MI/ Bot	Each				
565		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 / Packsize	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
1	2	3	4	5	6	7	8	9
566		Tab. Norfloxacin 500mg + Metronidazole 400mg + LB	-	10 Tabs/Strip 10 Strips/Box				
567		Disposable Syringe	0.5ML	Each				
568	S02264	Disposable Syringe	1ML	Each				
569		Schiotz Tonometer with 3 Weights and Plunger for IOP	Size-9 x 19 x 4 cm; 200 Grams	Each				
570		Red, Black, Blue, Green & Yellow Biodegradable Bag	Biodegradable, HDPE/LLDPE/PP made with Virgin non-chlorinated material with minimum thickness of 55 micron, should be pre-printed as per Bio Medical waste Management Rules, Logo of biohazard must be printed. Size: H 13" x W 9"	Each Piece				
571		Zipper bag	Transparent with ZIP lock, Size: H 8" x W 6", Minimum thickness of 60 micron	Each				
572		Twin Bucket	Immunization Twin bucket (2 buckets) Inner bucket should suitably fit inside other. Inner bucket should be made up of puncture proof plastic, capacity 15-20 lits. (<24"-28") and should be perforated or sieve like throughout the base. Outer bucket should be made up of puncture proof plastic, capacity 30lits. (24"-28") and closing lid fit with it.	Each				
573	D22012	Inj. Human Premixed Insulin	(30/70) - 40 units/ml (Biphasic, 30/70)	Each				
574	D22009	Inj. Human Premixed Insulin(50/50)	40 units/ml (Biphasic, 50/50)	Each				
575	D22002	Inj. Human Soluble Insulin	40 I.U/ml	Each				
576		Digital X-Ray Photo Film (FUJI)	8" x 10"	150 Films/Pkt 1 Pkt				
577		Digital X-Ray Photo Film (FUJI)	10" x 12"	150 Films/Pkt 1 Pkt				
578		Digital X-Ray Photo Film (FUJI)	14" x 17"	150 Films/Pkt 1 Pkt				
579		Digital X-Ray Cassette (CARESTREAM)	8" x 10"	Each				
580		Digital X-Ray Cassette (CARESTREAM)	10" x 12"	Each				

Sl No.	Drug Code	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	5	6	7	8	9
581		Digital X-Ray Cassette (CARESTREAM)	14" x 17"	Each				
582		Tab. Levofloxacin	250 Mg	10 Tabs/Strip 10 Strips/box				
583		Tab. Levofloxacin	750 Mg	10 Tabs/Strip 10 Strips/box				
584	D11026	Tab. Pyrazinamid	500Mg	10 Tabs/Strip 10 Strips/box				
585	D11045	Tab. Pyrazinamid	150 Mg	10 Tabs/Strip 10 Strips/box				
586	D11048	Tab. Pyridoxin	100 Mg	10 Tabs/Strip 10 Strips/box				
587	D30019	Tab. Pyridoxin	50 Mg	10 Tabs/Strip 10 Strips/box				
588	D09148	Tab. Cefixime + Clavulanic Acid (Aluminium foil or Blister pack) -	Cefixime Trihydrate 200mg Clavulanic Acid 125mg	10 Tabs/Strip 10 Strips/box				
589	D09116	Inj. Ceftriaxone + Salbactum(with diluents in plastic container)	Ceftriaxone 1gm + Salbactum 500mg / vial	20 Vials/Box				
590		Cap./Tab. Amoxicillin and Potassium Clavulnate (Aluminium foil/Blister pack)	1000 Mg	10 Caps/Strip 10Strips/Box				
591	D11023	Tab. Cycloserine	250Mg	10 Caps/Strip 10Strips/Box				
592		Tab. Ethambutol	100 Mg	10 Caps/Strip 10Strips/Box				
593		Tab. Ethambutol	200 Mg	10 Caps/Strip 10Strips/Box				
594		Tab. Ethambutol	400Mg	10 Caps/Strip 10Strips/Box				
595		Tab. Ethambutol	800Mg	10 Caps/Strip 10Strips/Box				
596	D11044	Tab. Ethionamide	125 Mg	10 Caps/Strip 10Strips/Box				
597		Tab. Ethionamide	150 Mg	10 Caps/Strip 10Strips/Box				
598	D11024	Tab. Ethionamide	250Mg	10 Caps/Strip 10Strips/Box				
599		Inj. Kanamycin	1 Gm	20 Vials/Box				
600	D04043	Tab. Paracetamol Kid (Scored Disp. Tab.) (Aluminium foil/Blister pack)	125 mg/ Tab	10Tabs/Strip 10 Strips/Box				
601	D02007	Lignocaine Hydrochloride gel	2 - 30gm/Tube	20 Tube / Box				
602	D04048	Tab. Tramadol Hydrochloride (Coated) (Aluminium foil/Blister pack)	50 Mg	10Tabs/Strip 10 Strips/Box				

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1	2	3	4	5	6	7	8	9
603	D05025	Inj. Noradrenaline	1mg/ml	20 Amp/ Box				
604	D09150	Tab. Cefuroxime Axetil (Aluminium foil/Blister pack)	500 mg/Tab	10Tabs/Strip 10 Strips/Box				
605	D17037	Tab. Metoprolol Tartarate (Alluminium Foil/ Blister Pack)	25 mg/Tab	10Tabs/Strip 10 Strips/Box				
606	D17051	Tab. Losartan Potassium(Aluminium foil/Blister pack)	50 mg/Tab	10Tabs/Strip 10 Strips/Box				
607	D18029	Clobetasol Propionate Ointment/ Cream	0.05 percentage w/w, 0.05 percentage w/w	20 Tube / Box				
608	D18044	Gammabenzene Hexachloride + Benzocaine	Gammabenzene Hexachloride 1 percentage + Benzocaine 2 percentage	20Gm/ Tube 20 Tube/ Box				
609	D21038	Ondansetron Oral Solution	(Palatable, with measuring cap and plastic container/Glass Bottles as per I.P) - 2 mg/5ml	20 Bots / Box				
610	D25045	Xylometazoline Nasal Drop	0.1 percentage w/v (FFS / BFS Plastic Container)	20 Ph/ Box				
611	D25050	Xylometazoline Nasal Drop	0.05 percentage w/v (FFS / BFS Plastic Container)	20 Ph/ Box				
612	D25056	Carboxymethyl Cellulose Eye drop	0.5 percentage w/v	20 Ph/ Box				
613	D25073	Gatifloxacin Eye drop	0.3 percentage w/v; 5ml vial	20 Ph/ Box				
614	D25077	Oxymetazoline Nasal Drop	0.5mg/ml	20 Ph/ Box				
615	D26017	Cap. Micronised Progesteron (Aluminium Foil/Blister pack),	200mg/Cap.	10Tabs/Strip 10 Strips/Box				
616	D26015	Tab. Isoxsuprine SR (Aluminium Foil/Blister Pack), (Sustended Release Tablet)	40 mg/Tab	10Tabs/Strip 10 Strips/Box				
617	D28014	Beclomethasone Inhaler200 metered doses	200mcg / dose	Each				
618	D29014	Dextrose 25 percentage (D25)	25 percentage w/v	20 Bots / Box				
619	D29016	Multi Electrolyte Infusion (FFS Plastic Container)	in 50 Dextrose	20 Bots / Box				
620	D30029	Susp. Zinc Acetate/ Sulphate (Palatable, with measuring cap and plastic container/Glass	Bottle as per I.P), Each 5ml contains 20mg of elemental zinc	20 Bots / Box				
621	D30042	Tab. Methylcobalamin (Aluminium foil/Blister pack)	1500 mcg/Tab.	10Tabs/Strip 10 Strips/Box				
622	D30044	Oral Solution/ Susp. Zinc Acetate/ Zinc Sulphate (Palatable, with measuring cap and plastic container as per I.P),	Each 5ml contains 20mg of elemental zinc	20 Bots / Box				

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1	2	3	4	5	6	7	8	9
623	D30045	Tab. Gabapentin (Aluminium foil/Blister pack)	100mg/Tab.	10Tabs/Strip 10 Strips/Box				
624	D40005	Tab. Rifaximin (Aluminium foil/Blister pack)	200mg/Tab.	10Tabs/Strip 10 Strips/Box				
625	D40008	Tab. Rifaximin (Aluminium foil/Blister pack)	400 mg/Tab.	10Tabs/Strip 10 Strips/Box				
626	D17020	Tab. Methyl Dopa (coated) (Alluminium Foil/ Blister Pack)	250 mg of anhydrous Methyldopa/Tab	10Tabs/Strip 10 Strips/Box				
627	D24011	Inj. Succinyl Choline Chloride	50 mg/ml	20 Amp/ Box				
628	D24006	Inj. Neostigmine Methylsulphate	0.5 mg/ml	20 Amp/ Box				
629	D01001	Inj. Ketamine HCl	57.7 mg of Ketamine HCl Equivalent to 50 mg of Ketamine	20 Amp/ Box				
630	D01002	Inj. Thiopentone Sodium	500 mg/Vial	20 Vials/ Box				
631	D02006	Inj. Bupivacaine	5mg/ml	20 Amp/ Box				
632	D05013	Tab. Fexofenadine HCl (Aluminium foil/Blister pack)	120 mg/Tab.	10 Tabs/ Strip 10 Strips/ Box				
633	D07018	Tab. Phenytoin Sodium (Aluminium foil/Blister pack)	50 mg/Tab	10 Tabs/ Strip 10 Strips/ Box				
634	D05018	Inj. Noradrenaline	2mg/ml	20 Amp/ Box				
635	D09165	Susp./ Syp. Amoxicillin + Clavulanic (Palatable, with measuring cap and plastic container as per I.P)	Amoxycillin 400 mg + ClavunicAcid (57 mg)/ 5 ml	20 Bots/ Box				
636	D09178	Tab. Nalidixic acid (Aluminium foil/Blister pack)	500mg / Tab.	10 Tabs/ Strip 10 Strips/ Box				
637	D12025	Tab. / Cap. Itraconazole (Aluminium foil/Blister pack),	200mg/Tab. / Cap.	10 Tabs/ Strip 10 Strips/ Box				
638	D13011	Ornidazole Infusion, (FFS Plastic Container)	500mg/100ml	20 Ph.				
639	D16016	Tab.Cap. Hydroxyure (aluminium foil/Blister pack)	250mg/Tab./Cap.	10 Tabs/ Strip 10 Strips/ Box				
640	D16047	Inj. Erythropoietin(EPO)	4000 IU/PFS	20 Amp/ Box				

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1	2	3	4	5	6	7	8	9
641	D17016	Cap. Nifedipine (Soft gelatin capsule)(Aluminium foil/Blister pack),	5 mg/Cap	10 Caps/ Strip 10 Strips/ Box				
642	D17041	Inj. Potassium Chloride	7.5 (Potassium Chloride 1.91gm is equiv. to 1gm of Potassium)	20 Amp/ Box				
643	D17047	Inj. Ephedrine HCl	30 mg/ml	20 Amp/ Box				
644	D17052	Tab. Nifedipine Sustained Release (SR)(Aluminium foil/Blister pack)	20mg/SR Tab.	10 Tabs/ Strip 10 Strips/ Box				
645	D17083	Tab. Amlodipine Besylate (Alluminium Foil/ Blister Pack)	2.5 mg/ Tab.	10 Tabs/ Strip 10 Strips/ Box				
646	D21049	Suspension or Syp. Drotaverine (With Measuring Cap and Dropper, Palatable) (plastic container as per I.P)	20 mg / 5ml	20 Bots/ Box				
647	D21050	Tab. Esomeprazole (Aluminium foil/Blister pack), (Enteric Coated)	20mg / Tab.	10 Tabs/ Strip 10 Strips/ Box				
648	D22010	Tab. Levo Thyroxin Sodium(Aluminium foil/Blister pack)	50 mcg/Tab	10 Tabs/ Strip 10 Strips/ Box				
649	D22015	Tab. Levo Thyroxin Sodium(Aluminium foil/Blister pack)	25 mcg/Tab	10 Tabs/ Strip 10 Strips/ Box				
650	D22033	Tab. Glimepiride	1mg/Tab	10 Tabs/ Strip 10 Strips/ Box				
651	D25060	Moxifloxacin Eye Ointment	0.5 percentage w/v	20 Ph./ Box				
652	D26011	Inj. Isoxsuprine HCl	5mg / ml	20 Amp/ Box				
653	D26012	Tab. Mifepristone (Aluminium Foil/Glycine Poly Foil/Blister pack)	200mg/Tab.	10 Tabs/ Strip 10 Strips/ Box				
654	D26017	Tab./ Cap. Micronised Progesteron (Aluminium Foil/Blister pack)	200mg/Cap.	10 Tabs/ Strip 10 Strips/ Box				
655	D26046	MMA Kit	EACH COMBI PACK (MMA KIT) CONTAINS : TAB. MIFEPRISTONE - 200MG (1 TABS) AND TAB. MISOPROSTOL	Kit				
656	D30028	Inj. Vitamin B Complex (Therapeutic)	Each ml contains B1-10 mg, B2-4mg, B6-4mg, B12-8mcg ,Nicotinamide-40mg,D-Panthenol-6mg	20 Amp/ Box				
657	D30035	Tab. Vit. D3 (Aluminium foil/Blister pack)	60,000 IU / Tablet	10 Tabs/ Strip 10 Strips/ Box				

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1	2	3	4	5	6	7	8	9
658	D30041	Vit. D3 Drop (Palatable, with dropper and container as per I.P.)	400 IU/ml	20 Ph./ Box				
659	D33219	Chlorhexidine Gluconate solution (mouth wash)	0.2 percentage w/v, 100ml	20 Bots/ Box				
660	D46004	Tab. Flavoxate Hydrochloride (Aluminium foil/Blister pack)	200mg/Tab.	10 Tabs/ Strip 10 Strips/ Box				
661	D49002	Lactulose Solution (Palatable, with measuring cap and plastic container as per I.P)	10gm/15ml (3.335gm/5ml)	20 Bots/ Box				
662	S01001	Black Braided Silk	Size- 1, (Non Sterile) 25mt. / Reel (without needle) U.S.P , With CE certification.	6 Reels/Box.				
663	S01002	Black Braided Silk	Size: 1-0, (Non Sterile) 25mt./Reel (without needle) U.S.P, with CE Certification.	6 Reels/Box.				
664	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.				
665	S02014	Surgical Needles	Suture Needles, Straight Cutting Needle different sizes 6 to 10	Each				
666	S02015	Surgical Needles	Suture Needles, Curved Cutting Needle different sizes 6 to 10	Each				
667	S02159	Surgicals Blade	Sizes 24, Pre - sterile with Gamma radiation for handle no. 4 sizes 24 ISI : 3319:1995 with CE certification will be preferred	Each				
668	S02414	Leucocyte	removal filter for Red blood transfusion	Each				
669		Poliyamide	1-0	12 Foils/Box.				
670		Poliyamide	2-0	12 Foils/Box.				
671		Poliyamide	3-0	12 Foils/Box.				
672		Poliyamide	4-0	12 Foils/Box.				
673		Inj. 4% Lignocaine	Lignocaine 4%	20 Vials/ Box				
674		Wax softner		Each				

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1	2	3	4	5	6	7	8	9
675	D47018	Tab. Betahistadine	8 Mg	10 Tabs/ Strip 10 Strips/ Box				
676		Tab. Betahistadine	6 Mg	10 Tabs/ Strip 10 Strips/ Box				
677		Tab. Thyroxine	75Mg	10 Tabs/ Strip 10 Strips/ Box				
678		Tab. Tampamsulosine with Dutasteride (0.4 + 0.5Mg)	ampamsulosine 0.4 with Dutasteride 0.5Mg	10 Tabs/ Strip 10 Strips/ Box				
679		Inj. Acyclovir	500Mg	20 Vials/ Box				
680		Chlorohexadine Mouthwash	100 MI	20 Bots/ Box				
681		Inj. Methyldopa		20				
682		Tab. Misoprostal	25Mcg	10 Tabs/ Strip 10 Strips/ Box				
683		TabCarbergoline	0.5Mg	10 Tabs/ Strip 10 Strips/ Box				
684		Chlorohexadine Gel	15 Gm Tube	20 Tube/ Box				
685		Benzocaine Gel	30 Gm Tube	20 Tube/ Box				
686		Povidoine Ioddine Mouth Wash	50 MI	20 Bots/ Box				
687		Metronidazole Oral Gel	20 Gm	20 Tube/ Box				
688		Diclofenac Gel	30 Gm Tube	20 Tube/ Box				
689		Inj. Dubatamine	250Mg	20 Vials/ Box				
690		Ryles Tube	Size -16 & 18	Each				
691		Feeding Tube	Size - 5 & 6	Each				
692		Utility Gloves	Small	Each Pair				

Sl No.	Drug Code	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	5	6	7	8	9
693		Utility Gloves	Medium	Each Pair				
694		Utility Gloves	Large	Each Pair				
695		Long Gloves	Small	Each Pair				
696		Long Gloves	Medium	Each Pair				
697		Long Gloves	Large	Each Pair				
698		Bacilocid	500ml	Each Bot				
699		Pera Safe (Medical Instrument Sterilent)	1 Liter	Each Bot				
700		Endotracheal Tube	Size- 3,3.5, 7, 7.5, 8	Each				
701		Harnia Kit		Each Kit				
702		Nasogastric Tube		Each				
703		Corrugated Rubber		Each				
704		Sterilizer Indicator		Each				
705	S01006	Sterilised Surgical Suture Monofilament Polyamide Black	Size-1 - Size-1 length 2 x 76cm , (Precut AND Pre Sterilized) U.S.P, with CE Certification	12 Foils/Box.				
706	S01007	Sterilised Surgical Suture Monofilament Polyamide Black	Size-1-0 - Size-1-0 length 2 x 76cm , (Precut AND Pre Sterilized) U.S.P, with CE Certification	12 Foils/Box.				
707	S01095	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.				
708	S01083	Polyamide 2-0	Size 2-0, Monofilament Polyamide Black Sterilised Surgical Needled Suture, Non absorbable Surgical Suture , 3/8 circle, Reverse Cutting 45mm needle, 70cm, U.S.P,with CE certification	12 Foils/Box.				

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1	2	3	4	5	6	7	8	9
709		Ulcer Kit	Antiseptic lotion ((Chlorhexidine Gluconate + cetrimid + Isoprophyl Alcohol IP 0.3 w/v 100 ml/Bottle)), Povidine Iodine Ointment (5% w/w, 15Gm Tube), Antimicrobial lotion (10% W/v 100 ml Bot), Roller Bandage (4 mt. x 6 cm) (4 Rolls),	Each Kit				
710		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				
711		Operation Gown for OT (Green Cloth)	Patient Gown (Free Size)	Each				
712		Operation Gown for OT (Green Cloth)	Doctors Gown (Free Size)	Each				
713	D11049	4 FDC (A) - Tab. Isoniazid + Rifampicin + Pyrazinamide + Ethambutol	Tab. Isoniazid 75Mg + Rifampicin 150Mg + Pyrazinamide 400Mg + Ethambutol 275Mg	Each Kit				
714	D11050	3 FDC (A) - Tab. Isoniazid + Rifampicin + Ethambutol	Tab. Isoniazid 75Mg + Rifampicin 150Mg + Ethambutol 275Mg	Each Kit				
715	D11051	Tab. 3 FDC Paediatrics	Isoniazid 50mg + Rifampicin 75mg + Pyrazinamide 150mg	Each Kit				
716	D11052	Tab. 2 FDC Paediatrics	Isoniazid 50mg + Rifampicin 75mg	Each Kit				
717		Tab. FDC	Isoniazid 300mg + Rifampicin 300mg					
718	D27131	Tab. Clidiniun + Chlordiazepoxide	Clidiniun 2.5Mg + Chlordiazepoxide 5Mg	10 Tabs/ Strip 10 Strips/ Box				
719	D40007	Tab. Ursodexychoic Acid	300 Mg	10 Tabs/ Strip 10 Strips/ Box				
720	D46018	Tab. Tamsulosin HCL + Dutasteride	Tamsulosin HCL 0.4 Mg + Dutasteride 0.5Mg	10 Tabs/ Strip 10 Strips/ Box				
721	D47019	Tab. Cinnarizine + Dimen Hydrinate	Cinnarizine 24MG + Dimen Hydrinate 40Mg	10 Tabs/ Strip 10 Strips/ Box				
722	D47010	Tab. Gabapentin + Nortryptiline	Gabapentin 100Mg + Nortryptiline 10Mg	10 Tabs/ Strip 10 Strips/ Box				
723	D47009	Tab. Gabapentin + Nortryptiline	Gabapentin 400Mg + Nortryptiline 10Mg	10 Tabs/ Strip 10 Strips/ Box				

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1	2	3	4	5	6	7	8	9
724	D47011	Tab. Gabapentine	300 Mg	10 Tabs/ Strip 10 Strips/ Box				
725	D47007	Tab. Pregabalin + Methylcobalamin	Pregabalin 75Mg + Methylcobalamin 750Mg	10 Tabs/ Strip 10 Strips/ Box				
726	D47006	Tab. Pregabalin + Nortriptyline	Pregabalin 50Mg + Nortriptyline 10Mg	10 Tabs/ Strip 10 Strips/ Box				
727	D21047	Tab. Sulfasalazine	500Mg	10 Tabs/ Strip 10 Strips/ Box				
728	D33183	Tab. Hydroxy Chloroquine	200 Mg	10 Tabs/ Strip 10 Strips/ Box				
729	D43002	Tab. Febuxostat	40Mg	10 Tabs/ Strip 10 Strips/ Box				
730	D28050	Syp. Dextromethorphan (Palatable, with measuring cap and plastic container as per I.P)	Dextromethorphan 10mg, Phenylephrine 5mg, Chlorpheniramine Maleate 2mg/5ml (SUGAR FREE)	120 ML/ Bots 20 Bots/ Box				
731	D28051	Syp. Levosalbutamol + Ambroxol + Guaiphenesin	Levosalbutamol 1 mg, Ambroxol Hydrochloride 30 mg, Guaiphenesin 50 mg/5 ml (SUGAR FREE)	120 ML/ Bots 20 Bots/ Box				
732	D22031	Tab. Medroxyprogesterone	10 Mg	10 Tabs/ Strip 10 Strips/ Box				
733	D22051	Tab. Tenziglipitin	20 Mg	10 Tabs/ Strip 10 Strips/ Box				
734	D21052	Cap. Racecadopril	100 Mg	10 Caps/ Strip 10 Strips/ Box				
735	D18058	Oint. Mometasone	0.1% w/w	10 Gm/ Tube 20 Tube/ Box				
736	D18059	Calamine Lotion	calamine 8% w/v, diphenhydramine hydrochloride 1% w/v, camphor 0.1% w/v	100ML/ Bottle 20 Bot/ Box				
737	D18053	Calcium Dobesilate Cream	Calcium Dobesilate + Lignocaine + Hydrocortisone + Zinc Cream	30 Gm/ Tube 20 Tube/ Box				
738	D25084	Polymyxin B & Chloramphenicol & Dexamethasone Drops	polymyxin B sulphate 5000 dexamethasone sodium phosphate 1 mg (Eye/Ear)	5ML/ Vial 20 Vial/ Box				
739	D25082	Lignocaine + Neomycin + Clotrimazole + Beclomethasone Ear Drop	Neomycin 0.5% w/v + Clotrimazole IP 1% w/v + Lidocaine 2% w/v + Beclomethasone Dipropionate IP 0.025% w/v	5ML/ Vial 20 Vial/ Box				
740	D25057	Fluticasone Nasal Spray	0.05% w/w	120puffs/ Bot. 20 Bot./ Box				
741	D25068	Betamethasone Eye Drop	0.3% w/v	5ML/ Vial 20 Vial/ Box				
742	D25053	Acyclovir Eye Ointment	3% w/v, 1Gm tube	1Gm Tube 20 Tube/ Box				

Sl No.	Drug Code	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	5	6	7	8	9
743	D25070	Dexamethasone Eye Drop	0.1% w/v	5ml/ Vial 20 Vial/ Box				
744	D17082	Tab. Fenofibrate	160 Mg Micronised	10 Tabs/ Strip 10 Strips/ Box				
745	D17024	Tab. Aspirin (Enteric Coated)	75 Mg	10 Tabs/ Strip 10 Strips/ Box				
746	D17115	Tab. Telmisartan + Hydrochlorothiazide	Telmisartan 40 Mg + Hydrochlorothiazide 12.5	10 Tabs/ Strip 10 Strips/ Box				
747	D17017	Tab. Chlorthalidone	6.25 Mg	10 Tabs/ Strip 10 Strips/ Box				
748	D16015	Cap. Hydroxyurea	500 Mg	10 Caps/ Strip 10 Strips/ Box				
749	D16076	Tab. Phytomenadione	10 Mg	10 Tabs/ Strip 10 Strips/ Box				
750	D12037	Clotrimazole Dusting Powder	1% w/v	60 Gm/ Bot. 20 Bot/ Box				
751	D12038	Luliconazole Cream	1% w/v	20 Gm/ Tube. 20 Tube/ Box				
752	D09129	Inj. Cefepime (with diluent in plastic container)	500Mg/ Vial	500 mg/Vial 20 Vials/Box				
753	D09191	Inj. Cefepime + Tazobactam (with diluent in plastic container)	1.125gm/ Vial	1.125 gm/Vial 20 Vials/Box				
754	D09167	Amoxyxillin + Clavunic acid Oral Suspension (palatable, with dropper and plastic container as per IP)	Amoxyxillin Trihydrate 800Mg + Potasium Clavunate 11.4Mg/ MI, 10 MI Bot with dropper	10 MI/ Bot. 20 Bot/ Box				
755	D09164	Syp. Amoxycillin + Clavulanic Acid (palatable, with measuring cap and plastic container / Glass Bottle as per I.P)	Amoxycillin 200m + Clavulanic 28.5mg/ 5ml	30ml/ Bot 20 Bot/ Box				
756	D08008	Tab. Ivermectin (Aluminium foil/ Blister pack)	6 Mg	10 Tabs/ Strip 10 Strips/ Box				
757	D09166	Cefpodoxime Oral Suspension	25Mg/ MI, 10 MI Bot with diluent with dropper	10 MI/ Bot. 20 Bot/ Box				
758	D07002	Inj. Phenobarbitone	200Mg/ MI	1ml/ Amp 20 Amp/ Box				
759	D07011	Pehenobarbitone Oral Suspension (palatable, with measuring cap & plastic container as per IP)	200Mg/ 5ml	60ml/ Bot 20 Bot/ Box				
760	D07001	Tab. Phenobarbitone (aluminium Foil/ Blister Pack)	30 mg/ml	10 Tabs/ Strip 10 Strips/ Box				

Sl No.	Drug Code	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	5	6	7	8	9
761	D07022	Tab. Sodium Valporate	500 Mg	10 Tabs/ Strip 10 Strips/ Box				
762	D07058	Tab. Sodium Valporate	300Mg	10 Tabs/ Strip 10 Strips/ Box				
763	D07005	Tab. Sodium Valporate	200Mg	10 Tabs/ Strip 10 Strips/ Box				
764	D05033	Tab. Deflazacort	6 Mg	10 Tabs/ Strip 10 Strips/ Box				
765	D21051	Tab. Hydroxyzine	25Mg	10 Tabs/ Strip 10 Strips/ Box				
766	D05042	Hydroxyzine Oral Solution (pa;atable, with measuring cap and plastic container as per IP)	10Mg	100ML/ Bottle 20 Bot/ Box				
767	D02007	Lodocaine Hydrochloride Gel 2%	2% w/v	30Gm/ Tube 20 Tube/ Box				
768	D04063	Syp. Paracetamol (With Measuring Cap & Palatable, Plastic container as per IP)	250Mg/ 5Ml	60 ml/Bottle 20 Bottles/Box				
769	D04060	Tab. Paracetamol (Aluminium Foil/Blister Pack)	650 Mg	10 Tabs/ Strip 10 Strips/ Box				
770		Insuline Syringe (Tuberculin Syringe)	Syringe should contains 40Unit/ 1Ml without fixed needle	Each				
771		Plastic Tray	Size- 42cm x 30cm x 9cm, food grade quality with food grade symbol, one colour	Each				
772		Tab Carbamazepine	200 Mg	10 Tabs/ Strip 10 Strips/ Box				
773		Tab Carbamazepine	400 Mg	10 Tabs/ Strip 10 Strips/ Box				
774		Cap. Promethazine	25 Mg	10 Tabs/ Strip 10 Strips/ Box				
775		Budesonide Inheler	-	Each				
776		Inheler salmeterol + fluticasone	-	Each				
777		Tab. Bedaquiline	100 Mg	10 Tabs/ Strip 10 Strips/ Box				
778		Tab. Pretomanid	200 Mg	10 Tabs/ Strip 10 Strips/ Box				
779		Tab. Rifapentin	150 Mg	10 Tabs/ Strip 10 Strips/ Box				
780		Tab. Rifapentin	300 Mg	10 Tabs/ Strip 10 Strips/ Box				
781	LS0727	Soft Roll	10 CM x 3 Mtr	Each				
782	LD0284	Ambroxyl HCL Drop	-	Each				

Sl No.	Drug Code	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	5	6	7	8	9
783		Syp. Ambroxyl						
784	LD0120	Syp. Terbutaline Sulphate + Bromhexine HCL + Guaiphenesine + Menthol (Dry Cough Syrup)	1.25Mg + 2 Mg + 50Mg+ .5 Mg	20 Bots/ Box				
785	D17114	Tab. Telmisartan + Amlodipine (Aluminium foil/Blister pack)	40mg + 5mg /Tab	10 Tabs/ Strip 10 Strips/ Box				
786	D17115	Tab. Telmisartan + Hydrochlorothiazide (Aluminium foil/Blister pack)	40mg + 12.5mg /Tab.	10 Tabs/ Strip 10 Strips/ Box				
787		Polyamide with cutting Needle	Size -1	12 Foils/Box				
788		Polyamide with cutting Needle	Size -1-0	12 Foils/Box				
789		Polyamide with cutting Needle	Size -2-0	12 Foils/Box				
790		Polyglactin with cutting Needle	Size -1-0	12 Foils/Box				
791	D26049	Inj. Carbetocin	100 mcg/ml	1 ml/Vial 20 Vials/Box				
792	D25066	Azelastine nasal spray	0.1 % w/v x 10ml	10 ml/Vial 20 Vials/Box				
793	D22050	Tab. Sitagliptin (Aluminium foil/Blister pack)	100 Mg	10 Tabs/ Strip 10 Strips/ Box				
794	D22039	Tab. Dapagliflozin (Aluminium foil/Blister pack) (IP/BP/USP/ other NF)	10 Mg	10 Tabs/ Strip 10 Strips/ Box				
795	LD0132	Tab Trypsin +Chymotripsine, 10,000 IU		10 Tabs/Strips 10 Strips/ Box				
796	D18053	Calcium Dobesilate cream	30gm/Tube	20 Tube/ Box				
797	D04056	Tab. Serratiopeptidase (Aluminium foilBlister pack)	10 Mg	10 Tabs/Strips 10 Strips/ Box				
798	LD0445	Sucalfate + Metronidazole + Lignocaine Ointment	20 Gm Tube	20 Tube/ Box				
799		Super Oxidize Solution	-	20 Bots/ Box				
800		Tab. N-Acetylcystine	100Mg	10 Tabs/Strips 10 Strips/ Box				
801	D28049	Cap. Acebrophylline	100 Mg	10 Caps/Strips 10 Strips/ Box				
802	LD0575	Cap.Pre Pro biotic protons		10 Caps/Strips 10 Strips/ Box				
803	LD0496	Diclofenac+Linseed+Methylsali cylate+Menthol Gel	30gm/Tube	20 Tube/ Box				
804		Tab. Glucosamine with Diacerin	750 Mg + 50Mg	10 Tabs/Strips 10 Strips/ Box				

Sl No.	Drug Code	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	5	6	7	8	9
805	LD0616	Tab. Glucosamine 750mg + Diacerein 50 mg + Methyl Sulfonyl Methane 250 mg	Glucosamine 750mg + Diacerein 50 mg + Methyl Sulfonyl Methane 250 mg	10 Tabs/Strips 10 Strips/ Box				
806	LD0743	Syrup. Levosalbutamol, Ambroxol HCL Guaiphenesin	100ml/Bottle	20 Bot/ Box				
807	LD0768	Drop Ambroxol+ Levosalbutamol	15 ml	20 Bot/ Box				
808	LD0353	Clobetasol Propionate + Salicylic Acid	3%	20 Bot/ Box				
809	LD0426	Clobetasol Propionate + Salicylic Acid	6%	20 Bot/ Box				
810	LD0307	Clobetasol Propionate + Gntamycine + Miconazole Nitrate	10gm/Tube	20 Tube/ Box				
811	LD0262	Calamine + Alovera Lotion	-	20 Bot/ Box				
812	D22047	Tab. Pioglitazone	15 Mg	10 Tabs/Strips 10 Strips/ Box				
813	D33200	Tab. Methotrexate	10 Mg	10 Tabs/Strips 10 Strips/ Box				
814	D33201	Tab. Methotrexate	15 Mg	10 Tabs/Strips 10 Strips/ Box				
815	D05041	Tab. Flunarizine DiHCl	10Mg	10 Tabs/Strips 10 Strips/ Box				
816	D29017	Inj. Hydroxy Ethyl Starch	500ml/Bottle	20 Bot/ Box				
817	LD0333	Gluteral Dehyde Solution	5 LT	20 Jar/ Box				
818	LS0223	Kelyn hand sanitizer (sterilium)	500ml/Bottle	20 Bot/ Box				
819		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				
820		Plastic Bucket	25 Liter	Each				
821		Plastic Mug	1 Liter	Each				
822		X-Ray Cassette with intensifying Screen (Fuji)	15" x 12"					
823		X-Ray Cassette with intensifying Screen (Fuji)	12" x 12"					
824		X-Ray Cassette with intensifying Screen (Fuji)	12" x 10"					
825		X-Ray Cassette with intensifying Screen (Fuji)	10" x 8"					

Sl No.	Drug Code	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	5	6	7	8	9
826		X-Ray Cassette with intensifying Screen (CARESTREAM)	15" x 12"					
827		X-Ray Cassette with intensifying Screen (CARESTREAM)	12" x 12"					
828		X-Ray Cassette with intensifying Screen (CARESTREAM)	12" x 10"					
829		X-Ray Cassette with intensifying Screen (CARESTREAM)	10" x 8"					
830		X-Ray Cassette with intensifying Screen (KONICA)	15" x 12"					
831		X-Ray Cassette with intensifying Screen (KONICA)	12" x 12"					
832		X-Ray Cassette with intensifying Screen (KONICA)	12" x 10"					
833		X-Ray Cassette with intensifying Screen (KONICA)	10" x 8"					
834		Digital X-Ray Cassette (Fuji)	8" x 10"					
835		Digital X-Ray Cassette (Fuji)	10" x 12"					
836		Digital X-Ray Cassette (Fuji)	14" x 17"					
837		Intensifying Screen for Digital X-Ray Cassette (Fuji)	10" x 12"					
838		Intensifying Screen for Digital X-Ray Cassette (Fuji)	14" x 17"					
839		Roller Bandage	(4 mt. x 6 cm, 15-863/88, 150 threads/d, (min) pack of 85 threads/dm (min) Mass 57*/m3cm))	Each				
840	D17042	Tab. Labetolol	100 Mg	10 Tabs/Strips 10 Strips/ Box				
841	D17043	Inj. Labetolol	4Ml/ Amp	20 Amp/ Box				
842	D21031	Tab. Levosulpride	25Mg	10 Tabs/Strips 10 Strips/ Box				
843	D46003	Cap. Dutasteride	0.4Mg	10 Caps/ Strip 10 Strips/ Box				

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	5	6	7	8
1	Inheler salmeterol + fluticasone	Each	Each				
2	Inj Insuline Aspirate	Each	Each				
3	Inj Insuline Premix 30	Vial	Each				
4	Inj Insuline Premix 30	Catridge	Each				
5	Inj Insuline Premix 50	Vial	Each				
6	Inj Insuline Premix 50	Catridge	Each				
7	Inj. Enoxaparin Sodium	60Mg	Each				
8	Inj. Human Premixed Insulin(30/70)	40 units/ml 10ML/ Vial	Each				
9	Inj. Human Premixed Insulin(50/50)	40 units/ml 10ML/ Vial	Each				
10	Inj.Aminophylline	250Mg 10ML/ Amp	Each				
11	Inj.Insulin Regular	Each	Each				
12	Inj.Lomoh 6000 IU	Each	Each				
13	Inj.Lorazepam	2Mg/ MI 10ML Vial	Each				
14	Inj.Mephentermine	15Mg/ MI 5ML/ Vial	Each				
15	Inj.Mephentine	Each	Each				
16	Insulin intermediate	Each	Each				
17	Promethazine	Tab. 12.5 mg	10 Tabs				
18	Promethazine	Tab. 50 mg	10 Tabs				
19	Promethazine	Syrup 6.25 mg / 5 ml	Each				
20	Salbutamol + ipratropium respule	Each	Each				
21	Syp. Carbamazepine	100Mg/ 5Ml	Each				
22	Syp. Promethazine	5Mg/ 5Ml 60Ml Bot	Each				
23	Tab Amlodipine	10 mg	10 Tabs				
24	Tab Aspirin	75 mg	10 Tabs				
25	Tab Aspirin	150 mg	10 Tabs				
26	Tab Chlorthalidone	12.5 mg	10 Tabs				
27	Tab Digoxin	0.25Mg	10 Tabs				
28	Tab Hydrochlorthiazide	12.5 mg	10 Tabs				
29	Tab Metoprolol	25 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 Metoprolol	50 mg	10 Tabs				
31	Tab. Acebrophylline	300 mg	10 Tabs				
32	Tab. Atorvastatin	10 mg	10 Tabs				
33	Tab. Atorvastatin	20 mg	10 Tabs				
34	Tab. Carbidopa + Levodopa	Carbidopa 25Mg + Levodopa	10 Tabs				
35	Tab. Carbimazole	5 mg	10 Tabs				
36	Tab. Carbimazole	10 mg	10 Tabs				
37	Tab. Carbimazole	15 mg	10 Tabs				
38	Tab. Diazepam	5Mg	10 Tabs				
39	Tab. Empagliflozin	10 mg	10 Tabs				
40	Tab. Empagliflozin	25 mg	10 Tabs				
41	Tab. Gliclazide	80Mg	10 Tabs				
42	Tab. Glucosamine	500Mg	10 Tabs				
43	Tab. Glyclazide	80 mg	10 Tabs				
44	Tab. Hydroxychloroquine Sulfate	200Mg	10 Tabs				
45	Tab. Isosarbide Monotriurate	20 mg	10 Tabs				
46	Tab. Labetolol	100 mg	10 Tabs				
47	Tab. Levetiracatan	250 mg	10 Tabs				
48	Tab. Levetiracatan	500 mg	10 Tabs				
49	Tab. Levo Thyroxin	100	10 Tabs				
50	Tab. Methotrexate	2.5Mg	10 Tabs				
51	Tab. Nifedipine	20 mg	10 Tabs				
52	Tab. Olmesartan	40 mg	10 Tabs				
53	Tab. Orceprenaline 10	10 mg	10 Tabs				
54	Tab. Phenytoin Sodium	100 mg	10 Tabs				
55	Tab. Promethazine	10 Mg	10 Tabs				
56	Tab. Rosuvastatin	5 mg	10 Tabs				
57	Tab. Rosuvastatin	10 mg	10 Tabs				
58	Tab. Silymarin	200 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.)
59	Tab. Silymarin	70 Mg	10 Tabs				
60	Tab. Sulfasalazine	500Mg	10 Tabs				
61	Tab. Tamoxifen	20Mg	10 Tabs				
62	Tab. Telmisartan	20 mg	10 Tabs				
63	Tab. Teneeligiptin	20 mg	10 Tabs				
64	Tab. Verapamil (Isoptin)	80 mg	10 Tabs				
65	Tab. Verapamil (Isoptin)	120 mg	10 Tabs				
66	Tab. Verapamil (Isoptin)	300 mg	10 Tabs				
67	Tab. Verapamil(Isoptin)	80Mg	10 Tabs				
68	Tab. Vildagliptin	50 mg	10 Tabs				
69	Tab. Voglibose	0.2 mg	10 Tabs				
70	Tab. Voglibose	0.3 mg	10 Tabs				
71	Tab.Bisoprolol	5 mg	10 Tabs				
72	Tab.Bisoprolol	10 mg	10 Tabs				
73	Tab.Cilindipine	10 mg	10 Tabs				
74	Tab.Cilindipine	20 mg	10 Tabs				
75	Tab.Clopidogrel	75 mg	10 Tabs				
76	Tab.Clopidogrel	150 mg	10 Tabs				
77	Tab.Deflozacort	12 mg	10 Tabs				
78	Tab.Deflozacort	24 mg	10 Tabs				
79	Tab.Enalapril	2.5 mg	10 Tabs				
80	Tab.Enalapril	5 mg	10 Tabs				
81	Tab.Frusemide	40 mg	10 Tabs				
82	Tab.Isosorbide Dinitrate (Sorbitrate)	5 mg	10 Tabs				
83	Tab.Isosorbide Dinitrate(Sorbitrate)	5Mg	10 Tabs				
84	Tab.Metformin	750 mg	10 Tabs				
85	Tab.Methyldopa	250 mg	10 Tabs				
86	Tab.Methyldopa	500 mg	10 Tabs				
87	Tab.Olmesartan	10Mg	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.)
88	Tab.ROSUVASTATIN	5 mg	10 Tabs				
89	Tab.ROSUVASTATIN	10 mg	10 Tabs				
90	Tab.Syndopa	110 mg	10 Tabs				
91	Tab.Syndopa plus	110 mg	10 Tabs				
92	Tab.Torseamide	10 mg	10 Tabs				
93	Tab.Torseamide	20 mg	10 Tabs				
94	Tab.Ursodeoxy cholic acid	150Mg	10 Tabs				
95	Tab.Valproic acid	200 mg	10 Tabs				
96	Tab.Valproic acid	300 mg	10 Tabs				

Tobacco Control

1	Nicotine Gums	2Mg	Each				
2	Nicotine Gums	4Mg	Each				
3	Nicotine Patch	7 MG	Each				
4	Nicotine Patch	14 MG	Each				
5	Nicotine Patch	21 MG	Each				
6	Bupropion Hydrochloride (1 course 12 weeks)	150Mg	Each				
7	Varenicline Tartrate (1 course 12 weeks)	1Mg	Each				

Mental Health

1	Cap. L-Ornithine	500Mg	10 Caps				
2	Inj L Ornithine		Each				
3	Inj Promethazine	50Mg/ 2 Ml	Each				
4	Inj Thiamine	100Mg/ 1 Ml	Each				
5	Inj. Haloperidol	5Mg/Ml/Amp	Each				
6	Inj. Haloperidol-LA	50Mg/ 1Ml/ Amp	Each				
7	Inj. Lorazepam	4Mg/2Ml/Amp	Each				
8	Inj. Phenytoin Sodium	100 mg	Each				
9	Inj.Adrenaline	1mg/ml (1:1000)	Each				
10	Inj.Atropine Sulphate	0.6 mg/ml	Each				
11	Inj.Dexamethasone	2 mg vial	Each				
12	Inj.Dopamine	40 mg/ml	Each				
13	Inj.Lorazepam	2Mg/ Ml 10Ml Vial	Each				
14	Syp Lactulose		Each				
15	Syp. Piracetam	200Ml/ Bot	Each				
16	Syp. Promethazine	5Mg/ Ml	Each				

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.)
17	Syp. Risperidone	1Mg/ MI	Each				
18	Syp. Sodium Valporate	200Mg/ MI	Each				
19	Tab. Acamprosate	333 Mg	10 Tabs				
20	Tab. Amantadine	100 Mg	10 Tabs				
21	Tab. Amisulpride	100 mg	10 Tabs				
22	Tab. Aripiprazole	5 Mg	10 Tabs				
23	Tab. Atomoxetine	18 Mg	10 Tabs				
24	Tab. Atorvastatin	10 mg	10 Tabs				
25	Tab. Baclofen	10 Mg	10 Tabs				
26	Tab. Buprenorphene	2 Mg	10 Tabs				
27	Tab. Bupropion	150Mg	10 Tabs				
28	Tab. Carbamazine CR	200Mg	10 Tabs				
29	Tab. Chlodiazepoxide	25Mg	10 Tabs				
30	Tab. Chlorpromazine	50 Mg	10 Tabs				
31	Tab. Clobazam	5 Mg	10 Tabs				
32	Tab. Clonazepam	0.5Mg	10 Tabs				
33	Tab. Clonazepam	1 Mg	10 Tabs				
34	Tab. Clonidine	100Mg	10 Tabs				
35	Tab. Clozapine	100Mg	10 Tabs				
36	Tab. Clozapine	25Mg	10 Tabs				
37	Tab. Desvelnafaxine	50Mg	10 Tabs				
38	Tab. Diazepam	5 mg Tab.	10 Tabs				
39	Tab. Diazepam	5Mg	10 Tabs				
40	Tab. Disulfiram	250Mg	10 Tabs				
41	Tab. Divalproex Sodium	250Mg	10 Tabs				
42	Tab. Divalproex Sodium	500Mg	10 Tabs				
43	Tab. Donepezil	5Mg	10 Tabs				
44	Tab. Dothiepin	25Mg	10 Tabs				
45	Tab. Dothiepin	75Mg	10 Tabs				
46	Tab. Duloxetine	30 Mg	10 Tabs				
47	Tab. Escitalpram	10 Mg	10 Tabs				
48	Tab. Fluoxetine	20Mg	10 Tabs				
49	Tab. Flupenthixol + Melitracin	-	10 Tabs				
50	Tab. Fluvoxamine	50Mg	10 Tabs				
51	Tab. Folic acid	5 mg	10 Tabs				
52	Tab. Glycopyrolate	1Mg	10 Tabs				
53	Tab. Haloperidol	0.25Mg	10 Tabs				
54	Tab. Haloperidol	5Mg	10 Tabs				

SI No.	Name of the Item	Specification	Unit / Packsize	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
55	Tab. Imipramine	25Mg	10 Tabs				
56	Tab. Lamotrigine	50Mg	10 Tabs				
57	Tab. Levateracetam	500Mg	10 Tabs				
58	Tab. Levetiracatan	250 mg	10 Tabs				
59	Tab. Levo Thyroxin	25	10 Tabs				
60	Tab. Lithiumcarbonate	300Mg	10 Tabs				
61	Tab. Lorazepam	2Mg	10 Tabs				
62	Tab. L-ORNITHINE		10 Tabs				
63	Tab. Lurasidone	40Mg	10 Tabs				
64	Tab. Mamentine	5Mg	10 Tabs				
65	Tab. Melatonine	3Mg	10 Tabs				
66	Tab. Methyl Phenylate	5Mg	10 Tabs				
67	Tab. Metoprolol	25 mg	10 Tabs				
68	Tab. Mitrazapine	15Mg	10 Tabs				
69	Tab. Modafinil	100Mg	10 Tabs				
70	Tab. Naltrexon	50Mg	10 Tabs				
71	Tab. Nitrazepam	10Mg	10 Tabs				
72	Tab. Olanzapine	5 Mg	10 Tabs				
73	Tab. Oxacarbazapine	300Mg	10 Tabs				
74	Tab. Paroxetine SR	12.5Mg	10 Tabs				
75	Tab. Phenytoin Sodium	100 mg	10 Tabs				
76	Tab. Pregabaline	75Mg	10 Tabs				
77	Tab. Prochlorperazine	5Mg	10 Tabs				
78	Tab. Promethazine	25Mg	10 Tabs				
79	Tab. Propranolol ER	40Mg	10 Tabs				
80	Tab. Quatiapine Fumarate	100Mg	10 Tabs				
81	Tab. Quatiapine Fumarate	25Mg	10 Tabs				
82	Tab. Risperidone	2Mg	10 Tabs				
83	Tab. Risperidone	0.5Mg	10 Tabs				
84	Tab. Sertraline	50Mg	10 Tabs				
85	Tab. Silymarin	200 mg	10 Tabs				
86	Tab. Sodium Valproate	500Mg	10 Tabs				
87	Tab. Tetrabenazine	25Mg	10 Tabs				
88	Tab. Thiamine	100 Mg	10 Tabs				
89	Tab. Thioridazine	50Mg	10 Tabs				
90	Tab. Thyroxine	50Mg	10 Tabs				
91	Tab. Topiramate	50Mg	10 Tabs				
92	Tab. Trifluoperazine + Trihexyphenid	5 Mg + 2Mg	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.)
93	Tab. Trihexyphenidyl	2Mg	10 Tabs				
94	Tab. Urso Deoxy Cholic Acid	300 mg	10 Tabs				
95	Tab. Velfaxine	75Mg	10 Tabs				
96	Tab. Zolpidem	10Mg	10 Tabs				
97	Tab.Amitriptyline	25 Mg	10 Tabs				
98	Tab.Bupropion	150Mg	10 Tabs				
99	Tab.Cilindipine	10 mg	10 Tabs				
100	Tab.Metformin	500 mg	10 Tabs				
101	Tab.Promethazine	25 Mg	10 Tabs				
102	Tab.Rifaximine	550 Mg	10 Tabs				
103	Tab.Syndopa	110 mg	10 Tabs				
104	Tab.Tardalafil	10Mg	10 Tabs				
105	Tab.Torseamide	10 mg	10 Tabs				
106	Tab.Varenicline Tartrate (1 course 12 weeks)	1Mg	10 Tabs				
107	Tab. N-Acetylcystine	600Mg	10 Tabs				
108	Tab. Clomipramine	75 mg	10 Tabs				
109	Tab. Syndopa	110 Mg	10 Tabs				
110	Tab. Venlafaxine	75Mg	10 Tabs				
111	Inj. Sodium Valporate		Each				
112	Tab. Flunarizine	5Mg	10 Tabs				
113	Tab. Prazocin	2.5Mg	10 Tabs				
114	Tab. Prazocin	5 Mg	10 Tabs				
115	Tab. Buspirone	10 Mg	10 Tabs				
116	Tab. Gabapentine + Nortryptilline		10 Tabs				
117	Tab. Riluzole	50Mg	10 Tabs				
118	Tab. Rivastigmine	1.5M g	10 Tabs				
119	Tab. Prucalpride	10 Mg	10 Tabs				
120	Tab. Ropinirole	1 Mg	10 Tabs				
121	Tab. Perampanel	2 Mg	10 Tabs				
122	Tab. Perampanel	6 Mg	10 Tabs				
123	Tab. Brivaracetam	50 Mg	10 Tabs				
124	Tab. Pramipexole	0.25Mg	10 Tabs				
125	Tab. Sildenafil	10Mg	10 Tabs				
126	Tab. Sildenafil	50 Mg	10 Tabs				
127	Tab. Cildinium + Chlordizepoxide	2.5Mg + 5 Mg	10 Tabs				

LIST OF LAB. CHEMICALS & LAB. CONSUMABLES

Sl. No.	Name of the Item with specification	Name of the Manufacturing Firm	Pack Size	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
1	2	3	4	5	6	7
1	Benedic Solution (500ml Bott)					
2	N/10 Hydrochloride Acid (500ml / Bott)					
3	Acetic Acid Glacial (500 ml/ Bott)					
4	Methyline Blue (125ml/ Bott)					
5	V.D.R.L. Test Kit (50 test Strips)					
6	Haemotoxylin Solution (125ml/ Bott)					
7	Cover Glass (Square)					
8	Cover Glass (Circular)					
9	Glucose Kit (1000ml Kit) (GOD/POD Method)					
10	Hydrogen Peroxide (500 ml)					
11	Centry Fuse Tube					
12	Haemoglobin Tube					
13	Haemoglobin Pipet					
14	Haemocyto Metre					
15	Haemocyto Pipet					
16	Sulfer Powder 500Gm					
17	G Pipette 5 ml.					
18	G Pipette 1 ml.					
19	G Pipette 0.1 ml.					
20	G Pipette 10 ml.					
21	G Pipette 2 ml.					
22	Foucher's Regant 100Ml					
23	Carbolic Acid					
24	Liquid Paraffin (Thick)					
25	Sodium Floride Powder (500 gm)					
26	E.D.T.A. Powder (500 gm)					

Sl. No.	Name of the Item with specification	Name of the Manufacturing Firm	Pack Size	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
1	2	3	4	5	6	7
27	Barium Chloride (500gm)					
28	Blood Collecting Container (5 MI)					
29	Eosin Powder (25gm/Bott)					
30	Mantoux Test (10 T.U.)					
31	Sulfuric Acid (500 ml)					
32	Benzidine Powder					
33	Glass Rod (24")					
34	Dropping Bottle 100MI					
35	Cedar Wood Oil					
36	Disposable Spirit Swab					
37	Glass Marking Pencil (Red)					
38	Glass Marking Pencil (White)					
39	Rubber Teat					
40	Timer (0-60 Min)					
41	Antigen Rack					
42	Torniquit					
43	Lens Cleaning Tissue (100 Books/ Pkt)					
44	Glass Beaker (500MI)					
45	Binocular Microscope Bulb (6 Volt, 20 Watt, G4, Type : 7388, Projection Halogen Lamp)					
46	C-Reactive Protin (CRP)Test Kit					
47	Anisol Oil 500MI					
48	Filter Paper (Round shaped pockets) (Filter paper No. 1, diameter:- 12.5 cms for filtering carbol fuchsin using a small funnel of 10cm maximum diameter, Smooth on one side and rough on the other side, water permeable)					
49	Napkin (2'x1')					
50	Sodium Hypochloride Solution (2%)					

Sl. No.	Name of the Item with specification	Name of the Manufacturing Firm	Pack Size	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
1	2	3	4	5	6	7
51	Talquisi Paper					
52	Clot activator Test Tube					
53	Hypodermic Needle (Size-23)					
54	Mask					
55	Test Tube washing Brush					
56	High grade glass distilled water (15 Liters)					
57	Glass tubes or Deep well plate for dilution of samples/ graduated cylinder					
58	70% Alcohol Solution					
59	Enzymatic Cleaner					
60	Diluent 20000MI for CBC Test					
61	Lyser 10000MI for CBC Test					
62	NS 1 Reagents					
63	Basic Fushin Powder 25Gm					
64	Conical Flask (500MI)					
65	Graduated Measuring Cylinder (100MI)					
66	Phenol 50ML					
67	Ethanol 500ML					
68	Methanol 500MI					
69	Para Film					
70	Oxalic Acid 500MI					
71	Auramin O (CI-410000 for Die Microscope)					
72	Acetone Alcohol					
73	Saffranine					
74	Formaldehyde Free surface, Instrument, environment disinfectant Fogging)					
75	Highly concentrated cleansing agent for medical instruments, endoscopes, surfaces					

Sl. No.	Name of the Item with specification	Name of the Manufacturing Firm	Pack Size	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
1	2	3	4	5	6	7
76	Antimicrobial Hand & Skin Cleansing Lotion					
77	Surgical Scrub for Hand & Body wash					
78	Ethanol based Hand, skin Rub (disinfectant)					
79	Rapid Spray Disinfectant for Medical devices (Electronic) small surfaces					
80	Plastic Jar 500ml					
81	Diamond Marker Pencil					
82	Foot Operated Bucket (Size 5 Liter)					
83	Falcon Tube / Universal Tube with Gradation Mark					
84	Plastic Bottle (Bio Hazard) 1.5Liter of Food Grade, Narrow Mouth					
85	Sputum Container (Cups made of Special Medical Grade Polypropylene, thin plastic, translucent, Diameter - 4cm, Capacity - 30 ml, Srewable Cap should also be made of Special Medical Grade Polypropylene and should be air tight. Leak proof.)					
86	Ultra Sound Jelly 5Liter Jar					
87	H ₂ S Test Kit					
88	Autoclave water sample Bottle 250ml Bottle					
89	O.T. Reagent 500ml Bottle					
90	Sterile Water for Injection 5ml/ Amp (Plastic container as per IP)					
91	Cotton Tipped Swabs					
92	Rubber / Plastic Sheet 1 Meter					
93	Eosin Yellow (25Gm Bottle)					
94	Hydrochloroc Acid (500ml Bottle)					
95	Hematology Test Reagents for Automated Hematology Analyser (5 Part)					
96	Sulpholyser 5000ml					
97	Stomatolyser 5000ml					

Sl. No.	Name of the Item with specification	Name of the Manufacturing Firm	Pack Size	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
1	2	3	4	5	6	7
98	Coombs Reagent (Direct & Indirect) (AHG Anti C3d monoclonal)5Ml					
99	Occult Blood					
100	PT Reagents (Prothombin Time)					
101	Test Tube Rack					
102	Test Tube (Plastic)					
103	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%)					
104	SULPHURIC ACID (i. Chemical Structure: H ₂ SO ₄ ii. Molecular Weight: 98.08 iii. Assay: 98% iv. .Colour : Clear)					
105	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%					
106	ETHANOL (C ₂ H ₅ OH 1 Litre = 0.790 Kg. M=46.07 g/mol) (500Ml/ Bot)					
107	BASIC FUCHSIN (MERCK) 25Gm/ Bot i. The chemical name: Pararosaniline 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%.					
108	IMMERSSION OIL (MERCK) 30Ml/ Bot (Refractive index -1.515/ closer to that of Glass.)					

Sl. No.	Name of the Item with specification	Name of the Manufacturing Firm	Pack Size	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
1	2	3	4	5	6	7
109	PARA FILM (2" Width, Flexible, Mouldable, Self Sealing, Odour less, Moisture resistant, Thermo Plstic, Semi Transperant, Practically Colour Less)					
110	Hydrochloric acid (About 35% pure. M = 36.46 gm/mol. 1 L = 1.18 kg. Assay (Hcl) >= 35%, Sulfate (So4)<=0.0005%, Sulfite(So3)<=0.001%. Free chloride(Cl2)<=0.0001%, Heavy metal (as Pb)<=0.0005%, iron(Fe)<=0.0002%, Arsenic (As)<=0.0001%)					
111	Oxalic acid 5% (500MI/ Bot)					
112	GLASS SLIDE (Brand Name - Blue Star, Pic- 2) (Glass slides plain, Size = 76mm x 26mm x 1.3mm, clean, scratch free with smooth edges, uniform refractive index, pack of 50.)					
113	SLIDE BOX (25 Capacity) (Unbreakable Fibre box with 25 nos. Slide holding Capacity. Slide Size : 76 mm X 26 mm X 1.3)					
114	SLIDE BOX (100 Capacity) (Unbreakable Fibre box with 100 nos. Slide holding Capacity. Slide Size : 76 mm X 26 mm X 1.3)					
115	GLASS ROD (I.½ meter long, II. Diameter : 6 mm)					
116	E.I. TRAY (Size: 15" length, 10" Width, 3" Depth.Height ≈ 30 cm Diameter ≈ 26 cm.)					
117	SLIDE RACK (Aluminium Body with perforation of 6 mm diameter Size: 8" X 12")					
118	GEL PACK (50(10 X 450GM))					
119	Thissel funnel (Glass)					

Sl. No.	Name of the Item with specification	Name of the Manufacturing Firm	Pack Size	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
1	2	3	4	5	6	7
120	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.)					
121	Methylated spirit (Chemical Name : Ethanol Denatured +5%Isopropyl Alcohol + 5% Methanol Structure :C2H5OH, Molecular Weight :46.07 g/mol, Purity- 90 %)					
122	Hematology Test Reagents for Automated Hematology Analyser (5 Part)					
	Cell Pack 20 Ltr					
	Cell Clean 50MI					
	Stromatolyser (WH)					
123	Sulpholyser 5000MI					
124	Stomatolyser 5000MI					
125	Sample Cup (For Fully Automatic Analyser((MERIL)					
126	Floride Powder					
127	QC Normal (for CBC 5 Part (SIMENS))					
128	QC Low (for CBC 5 Part (SIMENS))					
129	QC High (for CBC 5 Part (SIMENS))					
130	DL (diluent) 20 Liters (for CBC 5 Part (SIMENS))					
131	Lyse 5 Liter (for CBC 5 Part (SIMENS))					

Sl. No.	Name of the Item with specification	Name of the Manufacturing Firm	Pack Size	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
1	2	3	4	5	6	7
132	5P-Diff. 1 Liters (for CBC 5 Part (SIMENS))					
133	Hypo Clean 1 Liters (for CBC 5 Part (SIMENS))					
134	Salt Testing Kit					
for AGD Fully Auto Analyser						
135	ALBUMIN (R1: 3X30 ML)					
136	ALKALINE PHOSPHATASE (R1: 2X30ML, R2: 2X8 ML)					
137	BILIRUBIN DIRECT (R1: 2X30 ML)					
138	BILIRUBIN TOTAL (R1: 2X30 ML)					
139	BILIRUBIN TOTAL AND DIRECT (B TOTAL: 1X30 ML B DIRECT: 1X30 ML)					
140	CALCIUM (R1: 3X30 ML)					
141	CHOLESTEROL (R1: 3X30 ML)					
142	CK – MB (R1: 1X12 ML R2: 1X3 ML)					
143	CK – NAC (R1: 1X12 ML R2: 1X3 ML)					
144	CREAT AUTO (R1: 2X30 ML R2: 2X30 ML)					
145	CRP (R1: 1X7.5 ML R2: 1X7.5 ML)					
146	CRP ULTRA CALIBRATOR (CAL1-0.5ML/ CAL2 - 0.5ML/ CAL3-0.5ML/ CAL4- 0.5ML/ CAL5-0.5ML)					
147	GAMMA GT (R1: 2X30 ML R2:2X8 ML)					
148	GLUCOSE (R1: 7X30 ML)					
149	HBA1C (R1: 1X12.5 ML R2: 1X5.5 ML R3: 1X30 ML)					

Sl. No.	Name of the Item with specification	Name of the Manufacturing Firm	Pack Size	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
1	2	3	4	5	6	7
150	HAEMOGLOBIN A1C CALIBRATOR (L:1-1 ML/ L:2-1 ML/ L:3-1, ML/ L:4-1 ML)					
151	PHOSPHORUS (R1: 2X30 ML)					
152	SGOT (R1: 2X30 ML R2: 2X8 ML)					
153	SGPT (R1: 2X30 ML R2: 2X8 ML)					
154	TOTAL PROTEIN (R1: 3X30 ML)					
155	TRIGLYCERIDE (R1: 3X30 ML)					
156	UREA UV (R1: 2X30 ML R2: 2X8 ML)					
157	URIC ACID (R1: 3X30 ML)					
158	CALIBRATOR					
159	CONTROL 5ML					
160	AUTO WASH SOL. (4 X 250ML)					
161	Ultrasound Paper Roll (UPP110S) (SONY)					
162	Disposable Swab Stick (Sterile)					
183	Blue MPA Micro Pipette for CBC					
184	NAF Vial					
185	CBC Machine (BHATBIOTECH) Diluent 20Ltr					
186	CBC Machine (BHATBIOTECH) Detergent 5Ltr					
187	CBC Machine (BHATBIOTECH) Lise 1 Ltr.					
188	CBC Machine (BHATBIOTECH) Thermal Printer Paper Roll (10 Roll Packet)					
189	CBC Machine (BHATBIOTECH) K2/ K3 EDTA Non-vac Vial(100 Nos./ Packet)					

Sl. No.	Name of the Item with specification	Name of the Manufacturing Firm	Pack Size	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
1	2	3	4	5	6	7
190	Enzymatic Cleaner (PM Kit) (BHATBIOTECH) Probe Cleaner 2 x 40ml EZ Cleaner 2 x 100ml					
191	Glass Tube (75mm x 12mm)					
192	CBC Capillary Tube for CBC					
193	Ultrasound Paper Roll (UPP110S) (SONY)					
194	ECG 12 Channel Paper (CONTEC Model ECG 1200G)					
195	ECG Paper (Edan 1201)					
196	ESR Pipette (Glass)					
197	Dropper Bottle (Plastic) 200ml					
198	Stainless Steel Rod for Staining (set of Two Rods) (Two 5mm diameter stainless steel Rod of Length 2ft each welded at both ends with small stainless steel rods of 5cms length and 5mm diameter, to obtain a rectangular rack for placing on wash basin during staining of microscope slides)					
199	Glass Pot 2 Liter					
200	Spirit Lamp (Stainless Steel)					
201	Round Bottom Flask 3 Liter					
202	Disposable ESR Tube with Pipette with solution					
203	Haemoglobino Meter (Sahil's Method)					
204	Micro Pipette Stand					
205	ECG Jelly (100Mg)					
206	ESR Tube (Disposable)					
207	ESR Stand with Tube					
208	EST Tube for Stand					
209	Haemoglobin Meter Strips (A1CHEK)					

Sl. No.	Name of the Item with specification	Name of the Manufacturing Firm	Pack Size	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
1	2	3	4	5	6	7
210	Haemoglobin Meter Strips (Hemo Spark) (SENSACORE)					
211	Glucometer (SENSACORE)					
212	Mortuary Polythene Bags					
213	Capillary Tube 20µl (for CBC Machine Medonic) (Plastic)					
214	CBC Machine Paper Roll					
215	Bacillocid 500Ml					
216	Gram's Stain 100Ml					
217	Quavet for Fully Auto Analyser (Meril)					
218	ISE Pack (Na + K +CL) (AGD)					
219	ISE Solution					
220	Test Tube stand for 5Ml Tube (100 Holes)					
221	Test Tube stand for 5Ml Tube (50 Holes)					
222	HEPATITIS B VIRUS blood base screening RDT test kits					
223	HEPATITIS C VIRUS blood base screening RDT test kits					
224	HEPATITIS B VIRUS serum base screening RDT test kits					
225	HEPATITIS C VIRUS serum base screening RDT test kits					
226	HEPATITIS A VIRUS blood base screening RDT test kits					
227	HEPATITIS E VIRUS blood base screening RDT test kits					
228	True NAAT HBV realtimemicroPCR chip, DNA isolation kit					
229	True NAAT HCV realtimemicroPCR chip, DNA isolation kit					
230	True NAAT real time COVID microPCR chip, DNA isolation kit					

Sl. No.	Name of the Item with specification	Name of the Manufacturing Firm	Pack Size	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
1	2	3	4	5	6	7
231	ELICAL-2 (ELITCH (Selectra-M))					
232	ELITROL- 1 (ELITCH (Selectra-M))					
233	Sample Cup (ELITCH (Selectra-M))					
234	Padiatric Stand (ELITCH (Selectra-M))					
235	Reaction Rotar (ELITCH (Selectra-M))					
236	System Solution (ELITCH (Selectra-M))					
237	ESR stand with 6 Nos. tube (Glass)					
238	Micropipette 0.1-2 μ l					
239	Micropipette 1-10 μ l					
240	Micropipette 200-1000 μ l					
241	Micropipette 5-50 μ l					
242	Micropipette 50-200 μ l					
243	Falcon Tube Stand (plastic stand to hold 12 falcon tubes with a diameter of approxmately 3.3cm)					
244	Sputum Sample Carrier (ABS Material box-approx. size - 25 x 20 x 20)					
245	Hygro Thermometer (Digital)					
246	Phenyl (5% phenolic compound) 500ML plastic Bottle					

LIST OF BCL Items

Sl. No.	Name of the Item	Specification	Name of the Manufacturing Firm	Pack Size	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
1	2	3	4	5	6	7	8
1	TOWEL (BIG)	Length 150,breadth=70 cm,wt minimum 500gm (Cotton Turkish white double side stich)					
2	TOWEL (SMALL)	Length 60cm,breadth=40cm,wt.minimum 150gm (Cotton Turkish white double side stich)					
3	PILLOW (FOAM)	Length=65cm,breadth=40cm, foam quality should confirm to IS7933:1975 (Reaffirmed 2003)					
4	PILLOW COVER (COTTON) WHITE BLEACHED	Length=70cm breadth=45cm)excluding border (White Bleached, All side zig zag stiching with border of 2.5cm in each side)					
5	BLANKET COTTON FOR CHILD	Length=115cm breadth=80cm (Bottle green colour,all side zig zag stiching with 4cm in each side,velvate border)					
6	BLANKET COTTON FOR ADULT	Length=230cm breadth=150cm (Bottle green colour,all side zig zag stiching with 4cm in each side,velvate border)					
7	BED SHEET (COTTON) WHITE BLEACHED BOTH SIDE STITCHING	Length=230cm breadth=150cm (cotton, White Bleached,both side stiching)					
8	LONG CLOTH (GREEN)	Breadth=89 cm (Cotton for making O.T. gown,apron,towel etc.)					
9	DURRY	Size :Width 90cm x Length:2 meters					
10	O.T.TOWEL	Length=100cm, Breadth=89cm (cotton green, both side stitch)					
11	MATTRESS (ADULT)	(Rubbeerized Coir) (Size-75" x 36" x 3") with rexine cover					
12	MATTRESS (CHILD)	(Rubbeerized Coir) (Size-68.58cm x132.08cm x 3") with rexine cover					
13	Disposable Draw Sheet (White)	fabric with 40 Gsm capacity. packing. strong, durable, anti-microbial, anti-static flame resistant, stain, odor and fluid resistant. grade, soft texture, top quality and skin friendly.					
14	Abdominal Sheet	Length=100cm, Breadth=89cm (cotton green, both side stitch)					
15	MOSQUITO NET						

Instruments, Equipment's & Furnitures

Sl. No.	Name of the Item with specification	Specification	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
1	2	3	4	5	6	7

Equipments for NPCDCS

1	VIA Kit	Detail Specification enclosed as Annexure-A				
2	OVE Kit					
3	Disposable Tongue Depressor (Wooden Spatula) (100 Nos.)					
4	Examination Lamp					
5	Autoclave for OT					
6	Equipment for Hypertension					
I	Sphygmomanometer (Digital)					
II	Sphygmomanometer (Aneroid)					
7	Measuring Tape (Nylon)					
8	Stadio Meter (Height Scale)					
9	Stetho Scope					
10	Examination Table					
11	Adult Weighing Scale					

Instruments & Equipments for NBCC

1	Ambu Bag	Detail Specification enclosed as Annexure-A				
2	Stetho Scope (Paediatric)					
3	Suction Machine (Foot Operated)					
4	Haemoglobin Meter (Digital) (with 1000 Nos of Strips)					
	Auto disable Lancet (Safety Lancet)					
5	Shoulder Roll					
6	Laryngoscope Paediatric					

Sl. No.	Name of the Item with specification	Specification	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
1	2	3	4	5	6	7
7	Nasogastric Tube	Detail Specification enclosed as Annexure-A				
8	Shoe Rack					
9	Disposable Gown					
10	Disposable Draw Sheet					
Instruments & Equipments for Kangaroo Mother Care (KMC)						
1	Hospital Bed	Detail Specification enclosed as Annexure-A				
2	Recline Chair					
3	Digital Room Thermometer					
4	Training Manikins					
5	Semi Recliner Bed					
Instruments & Equipments for Family Planning						
1	IUCD Kit	Detail Specification enclosed as Annexure-A				
2	PPIUCD Kit					
3	Minilap Kit					
4	NSV Kit					
Instruments & Equipments under NIDAN						
1	Hot Air Oven	Detail Specification enclosed as Annexure-A				
2	Lab. Incubator					
3	Distilled Water Plant					
4	Electric Centrifuse table top					
5	Cell Counter Mannual (NC)					
6	Hot Plates					
7	Rotor/ Shaker					
8	Counting Chamber (TCDC count Apparatus)					
9	PH Meter					
10	One free Glucometer with procurement of 500 Glucometer Test Strips					
	Auto disable Lancet (Safety Lancet)					

Sl. No.	Name of the Item with specification	Specification	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
1	2	3	4	5	6	7
11	PFT Machine	Detail Specification enclosed as Annexure-A				
12	Electrolyte Analyser					
13	Fine Needle Aspiration Cytology					
14	Measuring Cylinder					
15	Stirrer with stainless steel stirring road					
16	Digital electronic tempetarture controller					
17	Stool Transport Carrier					
18	Table Top Centrifuge					
19	Smear Transporting Box					

Dental Instruments & Equipments

1	Extraction forceps(Adult and pediateric)	Detail Specification enclosed as Annexure-A				
2	Dental alevators (periosteal,coupland,barbick james,cryer)					
3	Chisel and mallet					
4	Diagnostic Instruments(mouth mirror,probe,explorer)					
5	Restacative Kit					
6	Scolar Kit					
7	Sterilizing unit					
8	BP blade with handle,Suturing Needle and thread					
9	LA soln with 2ml Syringe LA Spray. Gel					

Equipment/Instrument for NPHCE (Geriatric Clinic) AT Ganjam

1	Lumbar & Cervical Traction with Bed	Detail Specification enclosed as Annexure-A				
2	Interferential Current Therapy Unit (Combo)					
3	Tran electric Nerve Stimulator(TENS)					
4	Muscle stimulator unit (FC/GC)					

Sl. No.	Name of the Item with specification	Specification	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
1	2	3	4	5	6	7
5	Therapeutic Ultrasound Unit(Dual Frequency)					
6	Shock wave Therapy unit					
7	Therapeutic Laser Unit (Physiotherapy)					
8	Infra Red Therapy unit with stand					
9	Physio Hydrocollator unit					
10	Paraffin Wax Bath Unit:					
11	Short wave diathermy unit (500W) for Physiotherapy					
12	Vacuum Therapy Unit					
13	Knee and Hip Auto Passive mobilise					
14	Shoulder, Elbow and Wrist auto passive mobiliser					
15	Parallel Bar					
16	Stair climbing training unit					
17	Adult Trampoline					
18	Tilt Table (Electrical)					
19	Manual therapy Bed unit					
20	Wage board:					
21	Adult Roller & Balance board (wobbles' Board)					
22	Therapeutic Mat					
23	Exercise Bicycle					
24	Foot Bath Unit					
25	Quadriceps training unit including weight cuffs & dumbbells					
26	Treatment wooden beds with Mattress					
27	Hand rehabilitation Therapy unit					
28	Thera bands /Elastic bands (Flat type)					
29	Grip Exerciser					
30	Diagnostic equipments					

Detail Specification enclosed as Annexure-A

Sl. No.	Name of the Item with specification	Specification	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
1	2	3	4	5	6	7
31	Height Adjustment Walker:-Used as assistive device for walking					
32	Defibrillator					
33	Multi-Channel MOnitor					
34	Non Invasive Ventilator					
35	Cervical Traction(intermittent)					
36	Pelvic Traction(intermittent)					
37	Quadricep Table					
38	Ankle Exerciser					
39	Couch					
40	Foreign Body Scoop					
41	Water Bed					
42	Cervical Traction (Electrical)					
43	Goniometer					
44	Knee Hammer					
45	Gelly Ball small					
46	Gelly Ball medium					
47	Hydroclator Bags (pelvic/ Back/Shoulder Knee)					
48	Electrode Pad					
49	Electrode Cable					
50	Traction Belt(cervical, lumbar /pelvic, thorasic & ankle)					
51	SWD Pads					
52	Power Cable					
53	Strap					
54	Ice Pack					
55	Ankle Exerciser					
56	Gelly Ball small (Soft & medium soft)					
57	Gelly Ball medium (Soft & medium soft)					
58	Hydroclator Bags (pelvic/ Back/Shoulder Knee)					

Detail Specification enclosed as Annexure-A

Sl. No.	Name of the Item with specification	Specification	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
1	2	3	4	5	6	7
59	Electrode Pad	Detail Specification enclosed as Annexure-A				
60	Electrode Cable					
61	Traction Belt(cervical, lumbar /pelvic, thorasic & ankle)					
62	Power Cable					
63	Strap (Small, Medium & Large)					
64	Goniometer					
65	Knee Hammer					
66	Weight Cuff set, 1/2 kg, 1kg & 2kg					
67	Neoprene Dumbel set 1kg, 2kg & 3kg					
68	Manipulation Couch					
69	Office Table					
70	Revolving chair					
71	Low Height Couch					
72	Cervical Traction (Electrical)					
73	Water Purifier					
74	Handpiece lubricant					
1	<u>HBNC Kit</u>	Detail Specification enclosed as Annexure-A				
2	Baby Weighing Scale					
3	Digital Thermometer					
4	Digital Stop Watch					
5	HBNC Kit Bag					
Dental EIF						
For Minor Oral Surgery						
1	Mosquito Forcep SS	Detail Specification enclosed as Annexure-A				
2	Artey Forcep					
3	Fissure bur for straight Handpiece (#701/702)					
4	Mucoperiosteal Elevator					

Sl. No.	Name of the Item with specification	Specification	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
1	2	3	4	5	6	7
5	Chisel	Detail Specification enclosed as Annexure-A				
6	Osteotome					
7	Mallet					
8	Curette					
9	Bone File					
10	Rongeur					
11	Apexo Elavator					
12	Mouth Prop					
13	Non Toth Forcep					
14	Needle Holder 4"					
15	Tooth Forcep					
16	Stitch Cutting Scissor					
17	Dissecting Forcep					
18	Biopsy Forcep					
19	Complete Extraxtion Forceps with elavatore					
For Restoration/ Filling						
1	Composite Materials	Detail Specification enclosed as Annexure-A				
2	Teflon coated Instruments					
3	Fissure sealant					
4	GIC Fuji (Type- II, IX)					
5	Zinc oxide eugenol paste					
6	Cement Carrier					
7	Plugger					
8	Carver					
9	Ball Burisher					
10	Spatula					
11	Glass Slab					
12	Calcium Hydroxide					
For Root Canal Treatment (RCT)						
1	Endometer	Detail Specification enclosed as Annexure-A				
2	Round/ Fissure/ Safety Burs					
3	Reamer					
4	Broach					

Sl. No.	Name of the Item with specification	Specification	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
1	2	3	4	5	6	7
For Scaling						
1	Prophy Paste					
For Prosthesis						
1	Preforated Tray (Short)	Detail Specification enclosed as Annexure-A				
2	Preforated Tray (Medium)					
3	Preforated Tray (Large)					
4	Alginate					
5	Impression Compound					
6	Green Stick					
7	Acrylic Monomer, Polymer					
8	Vulcanite Bur					
9	Round end tapered bur					
10	Flame shaped bur					
11	Needle diamond tapered bur					
12	Impression Paste					
For Oral and Maxillofacial Surgery						
1	Maxillary disimpaction forcep	Detail Specification enclosed as Annexure-A				
2	Hayton Williams forceps					
3	Rowe's Zyomatic Elevator					
4	Arch Bars					
5	Wire Twister					
6	Wire Cutter					
7	Bone Awls					
8	Bone Hook					
9	26/24 gauze stainless steel wire					
10	Tongue Depressor					
11	Coronid retractor					
12	Plating system with screw drivers (Size-1.5mm)					
13	Plating system with screw drivers (Size-2mm)					
14	Plating system with screw drivers (Size-2.5mm)					

Sl. No.	Name of the Item with specification	Specification	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
1	2	3	4	5	6	7
General Equipments						
1	Bed Head Ticket Holder					
2	Suction Machine (Eelctrical)					
3	Needle Holder (with Tungsten Carbide inserts, gold-plated rings, Sizes : 6", 7", 8")					
4	Scissor Tissue Cutting (Stainless Steels, Curved, Size4-1/2")					
5	Stitch Cutting Scissor (Stainless steels, 4.5")					
6	Tailoring Scissor (Size: 9", 10", 11")					
7	Devoirs Retractor (Bladder/Abdominal)					
8	Doyens Retractor (Bladder/Abdominal)					
9	Allie 's Forceps (Size 6 ")					
10	Ventus Suction for NBB Suction during Ceaserean Surgeries					
11	Clips for X-Ray Films					
12	Lead Apron					
13	Hanger (Channel Type) Size 15"x12"					
14	Hanger (Channel Type) Size 12"x12"					
15	Hanger (Channel Type) Size 10"x12"					
16	Hanger (Channel Type) Size 8"x10"					
17	Foot Steps					
18	Scissor for Saline Bottle Cutting					
19	Saline Stand					
20	X-Ray View Box					
21	Instrument Steriliser Electrical (Size: Medium)					
22	Infantometer					
23	Nebuliser					
24	Infant laryngoscope					

Detail Specification enclosed as Annexure-A

Sl. No.	Name of the Item with specification	Specification	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)	
1	2	3	4	5	6	7	
25	Endotracheal Tube Size: 2.5, 3.0,3.5	Detail Specification enclosed as Annexure-A					
26	Pulse Oxymeter						
27	Radiant Warmer						
28	Phototherapy (double Surface)						
29	Trolley for Carring Cold Box						
30	Slide Transport Box						
31	Sample transport Box						
32	Stool Transport Carrier						
33	Smear Transporting Box						
34	Trial Lense Frame (Adult)						
35	Trial Lense Frame (Child)						
36	Oxygen Key						
37	Oxygen Trolley 40Liter Cylinder						
38	Oxygen Hood						
39	Steel Basin SS (Medium Size)						
40	Measuring Mug						
41	Cidex Tray						
42	Plaster Cutting Machine (Electrical)						
43	Sterilisation Indicator Tape for Autoclave						
44	Weinstens Monofilament						
45	Stapler/ Remover (Orthopaedic)						
46	K. Wire Cutter						
47	K. Wire Bender						
48	Plyer (Orthopaedic)						
49	Schiotz Tonometer						
50	Identifying Tag (Mother & Baby)						
51	Kelly's Pad						
52	Steam Indicator Tape						
53	Medicine Rack						
54	Rack/Cabinet for storage of lab Consumables						
55	Cataract Set for ophthalmic cataract surgery instrument		Titanium CoatingMaterial, 21 Pieces				

Sl. No.	Name of the Item with specification	Specification	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
1	2	3	4	5	6	7
56	Glaucoma Trabeculectomy Punch Instrument	Detail Specification enclosed as Annexure A				
57	Iris holding forceps (Titanium Coated)	Standard				
58	Green's Hook for cataract Surgery	Titanium Coating Material				
59	Intraocular Pressure Measurement Rebound Tonometer	Detail Specification enclosed as Annexure-A				
60	Phaco Emulsification (PHACO) Machine					
61	Fogging Machine					
62	Infra Red Therapy					
63	Static Cycle					
64	Tread Mil					
65	Suspension Therapy					
66	Auto Passive Mobilise of Upper Arm					
67	Identity Tie (for Mother)					
68	Identity Tie (for Baby)					
69	Colour coded Bins (5 Liter) (set of 2) small size (foot operated two bucket ((Red & Yellow) & two puncture proof container (white & Blue), Foot Operated Black in each set)					
70	Plastic Tub with lid (10" base) for chlorine solutions preparation					
71	Percussion Hammer					
72	Tunning Fork 128 HZ					
73	Steel Bassin (Medium)					
74	Steel Bassin (Small)					
75	Chittle's Forcep with stand					
76	Feeding Tube (baby) (5,6 Size)					
77	N.G. Tube (reading Tube)					
78	Fumigator Machine					
79	NASG kit					

Sl. No.	Name of the Item with specification	Specification	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
1	2	3	4	5	6	7
80	Refrigerator (180 Liter, Single Door)	Detail Specification enclosed as Annexure-A				
81	Refrigerator (200 Liter, Double Door)					
82	Refrigerator (250 Liter, Double Door)					
83	Refrigerator (265 Liter, Double Door)					
84	General Waste Bin with wheel for dray waste (Blue) (120 Liter)					
85	General Waste Bin with wheel for wet waste (Green) (120 Liter)					
86	General Waste Transportation Trolley (Iron hand carts materials handling capacity 120-280 Liter with 3ft standard size)					
87	Steel Tray with cover (Big)					
88	Steel Tray with cover (Small)					
89	Episiotomy Scissor (Curved)					
90	Gally Pot					
91	Sponge Holder					
92	Speculum (Big)					
93	Speculum (Small)					
94	Kelly's Forceps					
95	RT angle Forceps					
96	Proctoscope (Medium)					
97	Proctoscope (Small)					
98	Fine Scissor (Small)					
99	Fine dissecting Scissor(Large)					
100	Fistula Probe (large)					
101	Sinus Forceps					
102	Hysterectomy Set					
103	Fistula Probe					
104	Laryngoscope (Adult)					
105	Fumigator (Large)					
106	Hanging Weighing Scale (Toddler)					

Sl. No.	Name of the Item with specification	Specification	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
1	2	3	4	5	6	7
107	SS Instrument Tray with cover 310 x 195x63mm					
108	Spatula (for PAP smear)					
109	Angled Mouth Mirror					
110	Ophthalmoscope					
111	Epilation forceps					
112	Ear syringe					
113	Plain Forceps (6", 8", 10")					
114	ESR Analyser					
115	Coagulation Analyser					
116	Elisa Reader and Washer					
117	5 Part automated Hematology Analyser					
118	3 Part automated Hematology Analyser					
119	Fully Automatic Biochemistry Analyser					
120	Electrolyte Analyser					
121	HBA1C/ Hemoglobinopathy Analyser					
122	Semi Automated Urine Analyser					
123	Autoclave					
124	Biosafet Cabinat					
125	Microscope					
126	Deep Freezer (-20 Degree)					

SPECIFICATIONSEquipment's for NPCDCSVIA KIT (Visual Inspection with Acetic Acid Kit)

(The kit contains the following items)

I. Cotton Swab	8" Sterile in Single Pack
II. Distilled Water	1 ltr./Bottle
III. Acetic Acid 5%	Glacial Acetic Acid 100ml/Bottle
IV. LED Focusing Torch	LED Focusing Torch Chrome/Steel Ribbed Body (Medium Size) With battery
V. Cusco's Speculum	Vaginal Speculum – Cusco Medium and Small Each (Stainless Steel 410 grade)
VI. Glass Slide	1 packet of 100 Slides
VII. Hand Gloves	Latex Rubber Gloves (Sterile)
VIII. Bag	Good Quality Bag for Storing the above mentioned items.

OVE KIT (Oral Visual Examination Kit)

(the kit contains the following items)

I. Angular Mirror	2 pieces to provide indirect vision to retract lips, cheeks and tongue to reflect light onto the mouth. Accurate image from flat surface mirror, image magnifying with concave mirror. Size 14mm – 22mm of plane size, stainless steel, fog free with flat/round ribbed handle. The mirror shall be made of fiber glass and the handle shall be made of stainless steel 410/420 grade.
II. Hand Gloves	Latex Rubber Gloves (Sterile)
III. LED Focusing Torch	LED Focusing Torch Chrome/Steel Ribbed Body (Medium Size) With battery
IV. Disposable Tongue Depressor (Wooden Spatula)	6 inch in length and flat, thin wooden blades smoothed and rounded at both end. In single sterile pack.
V. Bag	Good Quality Bag for Storing the above mentioned items.

Examination Lamp

Technical characteristics

1.1. Technical characteristics (specific to this type of device)

- 1) LED light
- 2) Illumination (lx) should be LED
- 3) Minimum 25,000 Lux at 0.5 meter
- 4) Height Adjustment (mm): ≤440
- 5) Radial and axial movement of the lamp
- 6) CRI>90
- 7) Colour temperature
minimum 4300K

1.2. User's

interface: Manual

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

2 physical characteristics

2.1. Dimensions (metric): NA

2.2. Weight (lbs, kg): NA

2.3. Configuration: NA

2.4. Noise (in dBA) : NA

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

2.6. Mobility, portability:

3 Energy Source (electricity)

3.1. Power Requirements: Recharging unit: Input voltage- 220V-240V AC, 50Hz

3.2. Battery operated: Yes

3.3. Tolerance (to variations, shutdowns): NA

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

3.5. Power consumption: NA

4. Accessories, Spare parts, consumables

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

5 environmental and Departmental considerations

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

- 1) Operating condition: Capable of operating continuously in ambient temperature of 10 to 40 deg C and relative humidity of 15 to 90% in ideal circumstances.
- 2) Storage condition: Capable of being stored continuously in ambient temperature of 0 to 50 deg C and relative humidity of 15 to 90%.

5.2 .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

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

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

2. Electrical safety conforms to the standards for electrical safety IEC 60601-1 General requirements (or equivalent BIS Standard)
 3. Shall meet internationally recognised for Electromagnetic Compatibility (EMC) and Electromagnetic Interference (EMI) for electro medical equipment: IEC 60601-1-2
 4. Certified to be compliant with IEC 60601-2-4 for usability.
- 6.2. Local and/or international:** Manufacturer / supplier should have ISO certificate for quality standard.

7 Training and installation

7.1. Pre-installation requirements: nature, values, quality, tolerance

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

7.2. Requirements for sign-off: Certificate of calibration and inspection from the manufacturer

7.3. 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

8.1. Warranty: 3 years

8.2. Maintenance tasks:

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

8.3. 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;

AUTOCLAVE FOR O.T

Technical Specification:

- Vertical Cylindrical steam sterilizers pressure type
- Shall be in SS-304 Grade material for all items.
- The Sterilizer shall be of the size 550(H) x 350(D) mm (approx) with corresponding electric loads.
- Pressure type steam sterilizers of vertical cylindrical type with built in steam generator. The steam generator shall be electrically heated using BIS marked immersion heater having mineral filled sheathed heating elements conforming to IS:4159/2002 and complying with safety requirement as per IS:302-2-201 (1992).
- The control will be of independent switch.
- The steam sterilizer shall conform to IS: 3829 Part3)/1985, reaffirmed 2001, with amendment 1 & 2 and shall be fitted with only **silicon rubber** door gasket (expansion type).
- All the steel materials shall be made out of **SS-304** Quality steel only.
- The working pressure should be 1.1 to 1.2 Kg/cmsqr (15-18PSI).
- This should be equipped with dial pressure gauge 0.30 / 60 PSI, spring loaded safety valve, dead weight type safety valve & steam release valve made of Brass or SS.
- Should be supplied with Two Nos. Dressing Drums(300mm dia), Stainless Steel, and Joint less type.
- Supplied unit must have a pressure test certificate from Govt. Labs/NABL labs.
- Unit must conform to IEC 60601 - 1, IS 3829 (Pressure withstanding).

Power Supply

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

Sphygmomanometer

1. Should be Portable mercurial type.
2. Should have ISI mark.
3. Should have ON and OFF provision for mercury reservoir.
4. Should have a measuring range from 0 to 300 mmHg.
5. Should be provided with adult arm cuffs of size medium & large and paediatric cuff.
6. The control valve should have a knurled thumb control device. The leak rate should not exceed 10 mm of mercury per minute.
7. The manometer scale markings and graduations should be permanent and clearly visible and filled with pigments.
8. The internal diameter of the manometer glass tube should be 4.1 ± 0.1 mm and the thickness not less than 2 mm.
9. All plastic parts, if any used should not crack, flake, peel or disintegrate in normal use.
10. The inflating rubber bag should be capable of withstanding an internal pressure of 450 mmHg without leaking.
11. The inflating bulb should be soft and should not have any joints or ridges.
12. The mercury used should be clean, double distilled and of 99.9% purity.
13. The fastening arrangements of the cuff should be of hook and loop type (Velcro).
14. The threading and fastening arrangement of the cuff should show no sign of slip or failure when subjected to the maximum test conditions.
15. The rubber tubes used should have an internal diameter of 3 ± 0.5 mm and the external diameter should not be less than 8mm.
16. The tubes should be fitted with male and female leur connectors.
17. The housing case should be of robust design. It should have press to release lock. It should have metal hinges. The tube should be secured with metal screws and clamps. It should have mechanism to hold the lid in right angles and should prevent accidental dropping. All parts should be replaceable in case of breakage.
18. A cleaning brush to clean the manometer tube and a set of spare washers may be provided with each unit.

A. Digital Type:

- Should be inflating, upper arm measurement digital BP apparatus for adult and child.
- The apparatus should measure the Systolic, Diastolic and Pulse rate and same should be displayed on an inbuilt LCD screen.
- Should have auto inflation mechanism for easy measurement.
- Measurement Range: Pressure 10 to 280 mmHg.
- Pulse should be 40 to 180 beats /min
- Measurement Method: Oscillometric Method
- Memory of Last 3 Last measurement
- Should be provided with reusable adult and child arm cuff.
- Accuracy: Pressure of ± 3 mmHg of $\pm 5\%$.
- Should have battery backup for more than 1000 measurements with new alkaline battery (AA Type).
- The instruments should be CE marked (certified to be submitted in technical bid)

B. Aneroid:

1. Should be aneroid type
2. Should be shock proof
3. Should be latex free arm cuff
4. Light weight: easy to carry
5. Range of BP monitoring: up to 300 M.M. Hg with an accuracy of +/- 3mm Hg.
6. The housing of meter should be made of good quality thermoplastic/corrosion insufflations.
7. The pressure release valve should permit precise release of pressure and also allow last deflation.
8. Micro filter must be provided to protect air release valve and measuring system.
9. Should have spoon shaped grip made of stainless steel.
10. The device should be shock resistant
11. Should be supplied with following reusable cuffs: *Child & Adult*.

Stethoscope

1. For listening the lung and heart sounds with two ear tips with diaphragms.
2. Extra-Soft, replaceable and pivot able ear tips for perfect sealing at the ear canal.
3. Designed with precision flat chest piece made of stainless steel of 40mm-45mm.
4. High quality membrane for precise acoustics with non-chill rims for improved adaption on the skin and for excellent sound transmission.
5. Length should be 27" to 29"
6. Bell: 23 mm -25 mm
7. Weight: 100-120 gm
8. The tube should be made of latex-free rubber.
9. It should conform to IS 3391 standards.

Accessories, spares & Consumable

- Diaphragms
- Ear Tips
- Binurals rims

The product should be CE certified (certificate to be submitted in technical bid).

Examination Table

Overall approx size: 1820 mm L x 570mm W x 820mm H (L x W x H) ±20mm • Two section 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 130 kgs minimum.

Instruments & Equipment's for NBCC

Ambu Bag: GMDN name:-Manual pulmonary resuscitator, reusable GENERAL USE 1. 1.1 Clinical purpose: - To provide or assist ventilation in a patient who is apnoeic or exhibits inadequate respiration through manual pulmonary-driven pressure cycle functions. 1.2 Used by clinical department/ward It is used in ambulances, intensive care units (ICU), during internal patient transfer, accident and emergency (A&E), and mass casualty incidents (MCI). TECHNICAL 2. TECHNICAL CHARACTERISTICS 2.1 Technical characteristics:- 1. Manual resuscitator with transparent face-mask 2. Child models (250ml bag capacity); 3. Standard 15/22 mm Swivel connector allows connections to all common masks Endotracheal Tubes; 4. Provision to give supplemented oxygen-by-oxygen reservoir providing 100% oxygen; 5. Non-re breathing valve enabling the patient to inspire oxygen from the reservoir bag. 6. Should be single hand opera table 7. Should be easy to disassemble for cleaning and disinfection 8. Should have pressure release

valve at 40cm H₂O 9. Should have silicone oxygen tube 2m length. 10. It should be upto 40 times autoclavable including bag and washers. 11. The bag should be made of soft silicone material. 12. Self Inflating Resuscitator bag should be of medical grade silicone rubber. 13. The reservoir should be a PVC bag of 600ml capacity for 250ml 2.2 Settings: NA 2.3 User's interface-manual 2.4 Software and/or standard of communication (where ever required)-NA 3 PHYSICAL CHARACTERISTICS 3.1 Dimensions (metric)-Handheld 3.2 Weight (lbs, kg)-light enough to be operated by hand/palm for long duration 3.3 Configuration-NA 3.4 Noise (in dBA), heat dissipation-NA 3.5 Mobility, portability-Handheld 3.6 Others- NA 4. ENERGY SOURCE (electricity, UPS, solar, gas, water, CO₂) 4.1 Power Requirements-NA 4.2 Battery operated-NA 4.3 Tolerance (to variations, shutdowns)-NA 4.4 Protection-NA 4.5 Power consumption-NA 4.6 Other energy supplies-NA 38 | P a g e 5. ACCESSORIES SPARE PARTS, CONSUMABLES 5.1 Accessories (mandatory):- Silicon bellows, Non Rebreathing Valve, 2 meter oxygen tube, Guedel Airway sizes viz 0 and 1, 5.2 Spare parts (main ones)-Oxygen Reservoir bag 5.3 Consumables / reagents (open, closed system)-Neonatal Mask of 3 sizes viz 00, 0 and 1 6. ENVIRONMENTAL AND DEPARTMENTAL CONSIDERATIONS 6.1 Atmosphere / Ambiance (air conditioning, humidity, dust ...)- Operating condition: –Capable of operating continuously in ambient temperature of 0 to 50 deg C and relative humidity of 15 to 90% in ideal circumstances. An ambient air velocity is less than 0.3 m/s. 6.2 User's care, Cleaning, Disinfection & Sterility issues:-Complete unit to be easily washable and 7. STANDARDS AND SAFETY 7.1 Certificates (pre-market, sanitary, ..);Performance and safety standards (specific to the device type); Local and/or international ISO 13485; Manufacturer / supplier should have ISO certificate for quality standard. Should be USFDA / CE (From notified body) approved product or BIS certified should meet ISO 10651-4 standard requirement 8. TRAINING AND INSTALLATION 8.1 Pre-installation requirements: nature, values, quality, tolerance-Supplier to perform installation, safety and operation checks before handover. 8.2 Requirements for sign-off-Certificate of Calibration and inspection from the factory. 8.3 Training of staff (medical, paramedical, technicians)-Training of users in operation and basic maintenance shall be provided 9. WARRANTY AND MAINTENANCE 9.1 Warranty-1 year. 9.2 Maintenance tasks -Maintenance manual detailing complete maintaining schedule 9.3 Service contract clauses, including prices 9.4 Others 10. DOCUMENTATION 10.1 Operating manuals, service manuals, other manuals-Required 10.2 Other accompanying documents-Demonstration CDs 10.3 Recommendations for maintenance-NA 11. NOTES 11.1 Service Support Contact details (Hierarchy Wise; including a toll free/landline number)-NA 11.2 Recommendations or warnings-NA.

Suction Machine (Foot Operated)

1. The suction machine should be manually operated with a capacity of producing a vacuum of - 100mm hg /130cm water pressure
2. It should have one autoclavable polycarbonate bottle of 01 liters capacity with synthetic rubber lids. The bottle shall be fitted with the arrangement to prevent overflow of fluid.
3. Body material should be of metallic base with powder coated or of ABS body.
4. The top & panel made of rust proof and corrosion resistant moulded ABS.
5. The Following spares per machine are also required: -
 - (i) Bottles 2 Nos.
 - (ii) Lids 2 Nos.
 - (iii) Rubber Seals 2 Nos.
- (IV) Medical grade silicon Suction Tubing of 2mtrs - set 2Nos

Stetho Scope (Paediatric)

- High acoustics, sensitivity, comfortable angled headset with sealing ear tips.
- Two sided tunable, heavy weight, chrome plated brass chest piece with brass stem and chrome plated brass screw on Paediatric chest piece.
- Standard length and thick single lumen moulded tube.
- Accessories: Name tag, Diaphragm and pair of soft ear tips.

Haemoglobin Meter (Digital)

S. No.	Technical specification	Comments	
1	Name	Digital Hemoglobinometer	
2	Clinical purpose	Direct hand held battery operated device used for hemoglobin testing in clinical setting/population-based screening. The device is intended to be used for quantitative measurement of haemoglobin in capillary, venous or arterial whole blood samples taken from forearm, upper arm, hand thigh, calf, or fingers.	
3	Should be used by	Medical officer/ Laboratory Technician/Staff Nurse/ ANMs/, Mid-level health providers at HWCs.	
Technical Characteristics			
1.	Working principle	Reflectance Photometry/ Absorbance Photometry	
2.	Parameter	Blood Haemoglobin level	
3.	Range of Hb estimation	0-20gm/dl	
4.	On-screen patients result display	Yes (LCD Display)	
5.	Maximum volume of sample required	Not more than 50µl (One full blood drop)	
6.	Sample material	Capillary, venous or arterial whole blood.	
7.	Measuring time	Less than one minute	
8.	Auto-calibration	Auto/Self calibration	
9.	Sensitivity	More than 80%	Findings should be published in two peer reviewed indexed journals. The studies should be done in two different Indian settings by two independent teams of investigators.
10.	Specificity	More than 80%	
11.	Bias (Limits of agreement)	0.5 gm/dl (± 1 gm/dl)	
Users Interface			
1.	Memory to store data	Desirable – up to 500 tests with date and time	

2.	Bluetooth connectivity	Desirable
3.	Data transfer	Desirable - provision for data transfer to printer and PC
Physical Characteristics		
1.	Dimensions (metric)	Not more than 15 cm X 10 cm X 20 cm
2.	Weight (grams)	Should not be more than 500 grams
3.	Mobility/ Portability	Should be mobile and portable
Energy Source		
1.	Power requirements	Preferably battery operated. Should also be able to work on direct connection with electricity source (AC). The manufacturer must provide the charger and the cable for electricity power connection, wherever required by the equipment
2.	Battery	3.7 volt Lithium-polymer rechargeable battery/ 1.5 volt 4 AA batteries/ etc. Should be able to perform up to 500 tests when full charged.
3.	Automatic shut down	On battery power the device should turn off after approximately of 5 minutes of no use.
Environmental Consideration		
1.	Working temperature	Should be able to perform in the temperature range of 10-40°C
2.	Working Humidity	5-95%
3.	User's care/ Cleaning	The part of the equipment which comes in contact with blood should be easily cleanable. The factors which affect the hemoglobin estimation (ex. Haziness of lens) after repeated use should be clearly mentioned in the manual. The cleaning material for the lens and cuvette /strip should be easily available.
Accessories		
1.	Cuvette/ Strip (Working environment)	Disposable and stable at specified environmental (Working temperature- 10-40°C, Working humidity - 5-95%) condition.
2.	Cuvette/ Strip (Storage environment)	Should be stable at temperature of 25-30°C and humidity of 5-95%. Shelf life for storage should be at least one year.

Quality Control		
1.	Intra-sample variation (Accuracy)	Should be less than 5%
2.	Control solution to check quality	Should be available for low, normal and high haemoglobin values. Calibration facility should be available.
3.	Certification	USA FDA/ European CE/Any other equivalent certification Preferable; ISO 9001:2008 certification
Service Support		
1.	Service support contact details	Contact details of manufacturer, supplier and local service agent to be provided
2.	Training	Free onsite training should be provided for the doctors, ANM and ASHA. At least, two trainings (one training at the time of installation and another training after six months, i.e., refresher training)
3.	Warranty and on-site AMC	Should be 3 years each

Disposable Gown:

Colour : Blue, White, Green
 Size : Universal size of 130 x 150cm
 Material : Mix of polyester & cotton
 Type : Unstitched
 Application : 43/50 gsm SMMMS highest grade trilaminate nonwoven from Ahlstrom/
 SAAF. Knitted soft wrist cuffs

- Patient Gown: 25 Gsm PPSB
- Surgeon's Gown: 40 Gsm PPSB
-

Technical Specification for Surgeon's Gown:

- Disposable gown should be made up of non-woven cloth.
- Should be approx. 1 mtr. 30 cm.
- Should be provided with double packing.
- Should be provided in sterilized form.

Technical Specification for Patient Gown:

- Opening in front or in back.
- Gowns have attached ties.
- Tissue-Poly-Tissue 3-Ply material.
- Gowns are 30 x 40"

Disposable Draw Sheet:

- Disposable
- It should be made up of SMS cloth
- It should be good quality interlining fabric with 40 Gsm capacity.
- Should be Water proof.
- Should be provided in double packing.
- Size: 120cm x 100cm
- The fabric composite should be strong, durable, anti-microbial, anti-static flame resistant, stain, odor and fluid resistant.
- The material should be of high grade, soft texture, top quality and skin friendly.

Instruments & Equipments for Kangaroo Mother Care (KMC)

Hospital Bed :

ISO14001/ ISO9001/ ISO 18001 certified. Semi flower's bed made of rectangular M.S. Tube with two sections top. S.S. laminated head & foot boards. Bed mounted on 100mm dia caster. Apprx. Diamention- 200L x 900W x 60H

Recline Chair :

Folding gravity recliner chair. Easy to fold & unfold. Unique, strong capsule tube cross frame enables to take load up to 130Kgs.

Frame : power coated round tubular mild steel.
Frame : fabrics high quality taxtylene/ equivalent.
Gross weight :8Kgs.
Dimensions : Seat : 160x 50cms
Seat height :40 cms

Digital Room thermometer:

For indoor storage condition – 20~60C, 20~80% RH
All measurement should display in a clear LCD screen
The unit should supply with battery.

Training Manikins :

Polyvinyl or silicon rubber, free from any hazardous material.
The texture of the mannequin should be as close to the feel of the baby/ adults skin as relevant.
Should have moving head, flexible upper & lower limbs
Should be closed to normal skin color, texture & bonny feel.

Semi Recliner Bed :

Quality standards:

- Manufacturer should be ISO 9001 certified.
 - Should have ISO14001- for Environment friendly features.
 - Should have ISO18001for occupational health safety management.
 - Product must be CE/BIS/BIFMA certified.
 - Should furnish stainless steel grade certificate from Govt/Govt. approved testing laboratory.
 - Manufacture should produce test certificate from Govt/Govt. approved laboratory for test procedure like impact test, bend test, salt spray chamber test, epoxy powder coating & phosphate coating for quoted item
 - Semi fowlers' bed made of Rectangular M.S.Tube with two sections Top.
 - The top should be made of CRCA perforated sheet.
 - Back rest section has to be manoeuvred by screw handle at foot end up to an Angle of 60degree
 - S.S laminated Head and Foot boards.
 - Bed Mounted On 100mm Dia caster.
 - Approximate Diamention:200Lx90wx 60H
 - Finish should be Pre treated & Epoxy powder coated
-

Instruments & Equipments for Family Planning

Sl. No.	Name of the item in each Kit with Specification	
1) IUCD Kit		
1	Sponge Holder 10 inch	1 No.
2	Sims speculum small size	1 No.
3	Sims Speculum medium size	1 No.
4	Allis Forceps 6 inch	2 Nos.
5	Uterine Sound	1 No.
6	Kellys Forceps 12 inch	1 No.
7	Straight Scissor 6 inch	1 No.
2) PPIUCD Forceps		
3 Minilap Kit		
1	Sponge Holder 10"	2 Nos.
2	Artery Forceps Straight 6"	4 Nos.
3	Artery Forceps Curved 6"	2 Nos.
4	Allis Forceps 6"	4 Nos.

5	Allis Forceps 6"	2 Nos.
6	Right Angled Retractor 6"	1 No.
7	Right Angled Retractor 8"	1 No.
8	Tubal Hook 8"	1 No.
9	Needle Holder 8"	1 No.
10	Plain Forceps 6"	1 No.
11	Tooth Forceps 6"	1 No.
12	Curved Scissor 8"	1 No.
13	Straight Scissor 8"	1 No.
14	Nel Cath 14 fr	1 No.
15	BP Handle No. 4	1 No.
16	BP Handle Blade No. 22	1 No.

4) NSV KIT (Set) (1 Set consists of the following items)

A. Vas Dissecting Forceps: 1 No. - Made of stainless steel, sharp tip, light weight.

Approximate Dimension and weight are:

Tip angle curvature	: 40 Degree on plane
Inside Surface of blades	: Smooth
Length of blades (Jt.To tip)	: 25 mm
Length (Ratchet to tip)	: 110 mm
Ratchests	: 2/3 Ratchets
Weight	: 25-30 Gms

B. Ringed Clamp: 1 No. - Made of stainless steel, and light weight.

Approximate Dimension and weight are:

Total Length: (Ratchet to tip)	: 25 mm
Inside diameter of clamp ring	: 4 mm
Outside diameter of rings	: 6.5 mm
Clamp ring slit distance	: 0.5 mm
Ratchets	: 2/3 ratchets

C. Sponge Forceps 10 inch : 2 Nos.

D. Straight Scissor 6 inch : 1 No

E. Artery forceps 6 inch : 1 No

Instruments & Equipments for NIDAN

Hot Air Oven

1. Should be operated on 230V, 50Hz single phase AC supply and having temperature ranging between 50-200°C
2. Should be made of double walled chamber -Inner made of stainless steel SS 304 grade and powder coated outer surface.
3. Should provide with three heating elements on three sides of the equipment for uniform temperature on all shelves.

4. Should be provided with air circulating fan.
5. Should provide with a variable microprocessor based digital temperature controller with digital display and thermometer should be provided separate.
6. Should have a minimum chamber size of (L*B*H) 450*450*450 with 2 stainless steel trays with holes.
7. Should provide with air ventilations.

Lab. Incubator

1. Should be operated on 230V,50Hz single phase AC supply, and having temperature ranging from ambient to 60°C
2. Should be double walled with stainless steel inner chamber having a minimum of two inner stainless steel shelves with holes and powder coated outer surface.
3. Inner chamber should be fabricated with ribs for adjusting shelves to convenient height.
4. Should have a minimum of chamber size of (L*B*H) of 450*450*450mm.
5. Should be provided with three side heating elements.
6. Should have air circulating fan (Which can be turn ON/OFF on demand) for uniform temperature on all shelves.
7. Should have double door with acrylic transparent door.
8. Should provide with a microprocessor based digital temperature controller with digital display.
9. Should have synthetic rubber gasket at the door.

Distilled Water Plant

Quartz distiller, Demountable boiler

Panel box and stand to accommodate regulator and electrical supply, clamps etc

Quality of distillate – pyrogen free, PH- 6.9- 7.0.High purity, low conductivity.

Distilled water should be heavy metal, salts, pyrogon and iron free.

Specific Conductivity at 25 deg C less than 0.4×10^{-6} S/cm

Glass material (or chemical inert material)

Equipment should be thermal shock proof.

Gas vent should be there to remove volatile impurities leaving the condensate free from gaseous impurities

Automatic low water cut off.

Tubing should be made up of good quality rubber (heat resistant).

Wiring of the equipment should be enclosed in Case.

It should have deconcentrator a bleeder device on the evaporation that constantly removes a part of the boiling water from it so that the cumulative concentration of non volatile impurities in the water is prevented

Electric Centrifuse table top

Must have wide temperature range (3°C to + 40°C) of operation. • It Should supplied with at least three rotors 1) fixed angle rotor accommodating at least 24x 1.5/2ml tubes (Can go up to a speed of approximately 14500 rpm or 23,000g), 2) fixed angle rotor accommodating at least 6x 15/50ml (can go at a speed of approximately 7000 x g) and 3) a cell culture plate/plate rotor (can go at a speed of approximately 2000 x g). • It should have an option to accelerate and decelerate the speed at various rates. • Noise level should be less than 60 dB. • Must be supplied with compatible wall mountable stabilizer. • Three years warranty and on-site repair services as and when required. • Year-wise Installation details for last 10 years • Technical features described above should be supported by original illustrated catalog, with list of users (with all contact detail), and authentication of vendor's business record in the form of Income Tax return for, at least, of last 3 years.

Cell Counter Manual (NC)

It should be a differential cell counter 2. Should provide Blood cell counting and simple calculations including percentage. 3. Each unit counts up to 999 and last unit totalize the different cells. 4. The bell automatically sounds at very 100 5. It should be 6unit-8keys and totaliser 6. It has a dual knob on both ends to facilitate easy resetting.

Hot Plates

- a) Maximum stirring speed-1200 rpm with stepless speed control and good speed stability
- b) Heating Capacity - 600W
- c) Hotplate Size -175mm dia.
- d) Supply – 220/240V,50Hz, A.C
- e) Hotplate-Should be chemically resistant to acid and alkali
- f) Top Plate Material – Stainless steel
- g) Stirring Unit – Should be enclosed so that corrosive fumes do not enter it.
- h) Controls for both hotplate and stirrer should be provided with suitable indicators.
- i) Necessary electrical cables should be provided.

Trolley with upper & lower shelves

- • Overall approximate dimension: 700 mm L x 450 mm W x 800 mm H.
- • Complete Stainless steel (304 grades) tubular frame mounted on four 100 mm diameter castors with synthetic body two with breaks.
- • Two Stainless steel (304 grade) minimum 20 gauge shelves with protective railing on three sides.

Digital Room Thermometer:

For indoor storage condition – 20-60C, 20-80% RH. All measurement should display in a clear LCD screen. The unit should supply with battery.

Back Rest:

Used to keep patient sitting upright on the bed or on the floor level.

Easy to adjust to various angles

Light weight and can be folded

Portable for carrying around.

Special nylon netting provided for comfort

Metal epoxy powder coated

Glucometer Meter Machine with Test Strips:-

1. Minimum Measurement Range: 30 to 600 mg/dl
2. Accuracy:±15% of glucose concentrations greater than equal to 100mg/dL.
3. Test/Reading Time: less than equal to 10 sec.
4. Reproducibility/Precision: Acceptance criteria related to accuracy criteria of ISO 15197:2013. Criterion A (CV less than equal to 5% at glucose concentrations greater than equal to 100mg/dL)
5. Blood Sample Volume: less than equal to 0.6 µL.
5. Display should be LCD display.
6. Should have Data transfer facility with the help of Blue Tooth for real time transfer of data.
7. Free from any Manual Coding
8. Battery life is of 500/1000 test.
9. Memory of the device to store the patient data should be 50/100 tests.

HBNC Kit

Sl.no.	Name of Items
1	Baby Weighing Scale with sling- <u>Eligibility Criteria:</u> Manufacture should be ISO certified. <u>Technical Specification:</u> 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 100 gms and stamped by the Weights and Measures Department. 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.
2	Digital Thermometer- <u>Eligibility Criteria:</u> Manufacture should be ISO certified. <u>Technical Specification:</u> Digital Thermometer with Fahrenheit and Celsius scale. Safe to use, automatic, no glass, no mercury. Measurement range: 90.0° F to 109.0° F and 32° C to 42° C. Measurement Accuracy: +/- 0.2° F between 98.0° F to 102.0° and 0.1°C between 35°C to 42°C. +/- 0.3°F between 96.4°F to 98.0°F, +/- 0.3° F between 102.0° F to 106.0°F. Should have auto shut off facility. Display should be LCD type. Beeper alarm of approx 10 seconds sounds signal when peak temperature. Should be more than 200 hrs of battery supply. Average measurement time: Oral: 30 sec. Rectal: 30 sec, Auxiliary: 60 Sec. Battery should be LR41 of SR41.
3	Digital Watch- <u>Eligibility Criteria:</u> Manufacturer should be ISO certified. <u>Technical Specification:</u> Should have plastic body. Should battery operated. Should have minutes and second timer with stop watch facility. Should be water resistant. Should have illuminator for clear visibility in dark.
4	HBNC kit Bag(Only Bag)

Equipment/Instrument for National Programme for Health Care for Elderly (NPHCE) (Geriatric Clinic) AT Ganjam

1. Lumbar & 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 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 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.

2. Interferential Current Therapy Unit (Combo)

2.1: Clinical Requirement: is an effective therapy option used for relieve of pain and accelerate the self-healing process, getting your body back to a healthy, pain Free State. The high frequency signals of an IFC penetrate through the skin into deeper lying muscle tissues. It also improves circulation to muscles and reduces inflammation, stimulate muscles to contract.

2.2: Technical Specification:

- Digital four channel with LED display interferential therapy device.
- Rotating Multi vector scale facility
- Pre-programmed memory with treatment applications
- Carrier frequency 2000 Hz and 4000 Hz
- Base frequency 0-150 Hz (1Hz step) Continuously adjustable
- Sweep frequency 0-150 Hz (1Hz step), Continuously adjustable
- Sweep modulation: 1/1 sec, 1/5/1/5 sec, 6/6/ sec.
- Therapy modes – two pole linear, four pole linear, four poles trapezoidal and four poles non-linear, four pole vector ,Russian current and tens mode, faradic and galvanic ,plane galvanic ,Plane DC mode.
- Output current 0 -100 mA
- Timer 0-60min
- Indication for improper placement of electrodes for channel 1 and channel 2 separately.
- With attached trolley

2.3: Power Supply:

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

2.4: Quality Standard:

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

3. Transcutaneous electrical nerve stimulation (TENS)

3.1: Clinical Requirement: Used for Pain Relief and Treatment. TENS stands for (Transcutaneous Electrical Nerve Stimulation). Which are predominately used for nerve related pain conditions (acute and chronic conditions), muscle spasm. TENS machines works by sending stimulating pulses across the surface of the skin and along the nerves to close pain gates to reduce pain & spasm.

3.2: Technical Specification:

- A micro controller based multi programmable transcutaneous electric nerve stimulator
- The unit should be a table top model.
- The unit should have dual Independent Channels
- The unit should have Adjustable Timer ranging from 0-90sec
- Adjustable Frequency and Pulse Duration parameters
- Therapy mode: Continuous, burst, linear, trapezoidal ,triangular and non- linear
- Tens Frequency: 2 Hz to 150 Hz Adjustable
- Pulse Amplitude:0-80 mA
- Pulse width 50 msec – 300 msec, variable
- Therapy mode: Continuous, burst, linear, trapezoidal and no- linear
- Parameter selection: Manual and programmed.

- Treatment timer: Digital timer
- Output display: Display for CH1 & CH2.
- With attached trolley

3.3: Power Supply:

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

3.4: 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

4. Muscle stimulator unit (FC/GC)

4.1: Clinical Requirement: An electric muscle stimulator (often referred to as an EMS machine or unit) is an electronic device used to deliver electrical impulses to the body, in order to make the muscles contract and use in case of treatment of paresis and paralyse muscles. It also use as a primary diagnostic tool to know the innervated & de-nervated state of muscle.

4.2: Technical Specification:

- The device should produce Faradic and Galvanic types of current with variable Pulse width
- Should have provision for Galvanic & Faradic Curve
- The unit should have LCD display for therapy type and time along with all user settings infaces.
- Facility to plot SD Curve and Ionotophoresis
- Pulse duration, rest period, timer, intensity control Buzzer
- The unit should have treatment modes: Galvanic, Int.Galvanic, Faradic, & Surged Faradic,

4.3: Galvanic Mode:

- Therapeutic time adjustable from 30 – 300 mSec in (1 mSec step)
- Diagnostic time adjustable from -0.1, 0.3, 1, 3, 10, 30, 100, 300 mSec
- Frequency : 18 PPM to 3000 PPM
- Repetition Time : 300 mS to 1 mS

4.4: Faradic Frequency - 100 PPM

- Contraction time: 1 Sec to 9 Sec.
- Relaxation time: 1 Sec to 9 Sec.
- Digital display for diagnostic model
- Patient safety should be available with no output while intensity is high by switching on the machine.

4.5: Accessories:

- Velcro strap of 2" wide and 3 meter long
- Standard accessories: different electrodes small and large sizes and shapes (two of each size), active electrode of small and large size (two of each size) Both Carbon & steel electrode, 2 different size pen electrode.
- With attached trolley

4.6: Power Supply:

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

4.7: Quality Standard:

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

5. Therapeutic Ultrasound Unit(Dual Frequency)

5.1: Clinical purpose: For treatment of painful conditions involving the musculoskeletal and neuromuscular structures, reduce inflammation of muscles, tendons, repair muscle, tendon, ligaments etc. It is also very use full for sports injury management, diabetic & leprosy foot ulcer healing etc.

5.2: Technical Specification:

- It should be double frequency ultrasound machine.
- Modes of operation should be in continuous and pulsed
- It should have at least in 4 different settings for Pulse ratio.
- Maximum output 2.5-3 watts/Sq.cm.
- Output frequency 1 MHz and 3MHz
- Treatment time should be adjustable from 0-30 minutes
- Automatic alarm should be their on completion of the treatment.
- Digital LCD display to indicate the output in w/cm² and other required services.
- All settings should be provided using touch panel.
- Both the transducer should be high quality water and impact resistant.
- The beam type :Divergent/Collimated
- Transducer: The Effective radiating area should be of 0.5 to 0.8mm for 1MHz and 0.4 to 0.6mm for 3MHz.
- The Beam Non uniformity Ratio (BNR) for both the transducer should be 4-6.
- With attached trolley

5.3: Power Supply:

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

5.4: Quality Standard:

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

6. Shock wave Therapy unit:

6.1: Clinical Use: shock wave therapy primarily used in musculoskeletal disorders for the treatment of tendon pathies (proximal plantar fasciopathy, lateral elbow tendinopathy, calcific tendinopathy of the shoulder, and patellar tendinopathy, etc.) and bone defects (delayed- and non-union of bone fractures, avascular necrosis of femoral head, etc.)

6.1: Technical Specification:

It should be a table top model:

6.2: Console:

- The unit should be a ballistic radial shockwave therapy-system with electromagnetic generator as projectile accelerator
- User interface with facility for adjustment of parameter
- The unit should have LCD display for display of parameter during the therapy.
- The unit should have inbuilt preset programme of at least 7nos with minimum of
- The Unit should have facility for Adjustment of the parameters during the course of the therapy.
- The unit should provide non-invasive treatment for pain associated with musculoskeletal system
- Energy levels from 60 to 185 mJ (equivalent 1-5 bar)
- The energy should be adjustable in steps of 10 mJ
- Pulse frequencies from 1 to 20 Hz
- Burst mode for Trigger Point Treatment
- Positive shockwave counter
- The unit should not produce any negative shock.
- The unit should indicate the preset treatment protocols in the programme menu.

6.3: Shockwave Applicator Hand Piece

- The hand piece should be light in weight and ergonomic in design for user friendly operation.
- The hand piece should be made of anodized aluminium casing.
- It should have inbuilt fan for cooling.
- Minimum length of the hand piece should be 23-25 cm and a 5-6cm diameter (max.)
- Weight ca. 0.85 -0.90 kg (with cable)
- The Life of the shock generation should be minimum of 2,000,000 shocks

6.4: ACCESSORIES:

1. Hand-piece, complete with a 15 mm applicator
2. Holder for hand-piece
3. 25 mm a applicator
4. Silicon covers, 10 pcs
5. Endopuls lotion, bottle 250 ml
6. Foot switch

- 7. Carrier case
- 8. With attached trolley

6.5: Power Supply:

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

6.7: Quality Standard:

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

7. Therapeutic Laser Unit (Physiotherapy)

Clinical Use: Laser Therapy Equipments use for treatment of the pain, trigger point, wound healing, Soft Tissue Injury Treatment etc effectively.

7.1: Technical Specification:

- Table top model consists of laser console, delivery system with accessories.
- Operating Frequency range 2Hz - 20kHz
- The unit should have facility to show the power in joules once the therapy time is set and Vis-a-vis.
- Timing range between 0-99 Minutes
- The unit should provide with two probes as single point and cluster type along with scanner.
Probe -1:
 - Power output range: 100mW at 905nmProbe-2:
 - Power output of 10mW at 640nmScanner:
 - Should have inbuilt predefined programme for easy/ default operation
 - The unit should have LCD display for parameter set & delivered etc
 - Should have inbuilt memory for patient database.
 - The unit should have two separate channel for connecting two probes for simultaneous operation.
 - The unit should be operated in continuous and pulse modes of operation.
 - Laser Dosage: 0.1-100 J/cm²
 - Therapy area 0.1-100 cm²
 - Laser class 3B

7.2: ACCESSORIES:

- 1) Hand-piece
- 2) Foot switch
- 3) Carrier case
- 4) With attached trolley

7.3: Power Supply:

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

7.4: Quality Standard:

- The model should be USFDA /CE (Notified) approved.
- The manufacturer should be ISO13485 certified
- The model should be compliance to electrical safety standards of IEC60601-1

8. Infra Red Therapy unit with stand

8.1: Clinical Use: An infrared lamp is the means to give superficial thermotherapy. Superficial thermo therapy is effective in pain and stiffness relieving, fasciitis in number of cases like back pain, cervical pain, frozen shoulder. It also use in facilitating healing of chronic ulcers.

8.2: Technical Specification:

- Out put Power: 150 Watt
- Cord length: 3meter.
- Insulation: Class II (double isolation)
- Type of lamps: PAR 38 E, 150 W + prismatic rings for more focus.
- Make of lamp: Philips / Osram

8.3: Power Supply:

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

8.4: Quality Standard:

- The model should be USFDA /CE(Notified)/BIS approved .
- The manufacturer should be ISO13485 certified
- The model should be compliance to electrical safety standards of IEC60601-1, Complies to IEC 60335

9. Physio Hydrocollator unit

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

9.2: 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.
- Dimensions: : L (33 cm) x W (42cm) x H(69cm)
- Tank thickness: 20-22 Gauge

- Tank capacity: Should be such so as to accommodate 8 Packs
- 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 8 hrs.
- Cool-down time from 90 degrees Celsius: 3 hrs.

9.3: Power supply

- Mains power: 220/230 V, 50/60 Hz
- Power consumption: 1000-1500 W

9.4: Quality Standard:

- The model should be CE/BIS approved.
- The manufacturer should be ISO13485 certified
- Safety tests: Conforms to IEC 60601-1

Accessories must include:

- Hydrocollator Moist Heat Hot Pac : Standard Size-2, Over size-2, Cervical Standard size-2, Hydrocollator Knee or Shoulder Hot Pac-2
- Cotton Terry towel (Adult size): 8 Nos. to be supplied.

10. Paraffin Wax Bath Unit:

10.1: Clinical use: Paraffin wax treatments are used for the Symptomatic relief of pain and stiffness due to Arthritis, Bursitis, and Tendonitis, Muscle strains or Sports-Injuries. It is basically use as a superficially thermotherapy modality in physiotherapy.

10.2: Technical Specification:

- Double walled Construction with adequate insulation made of SS body.
- Wax tank made of 18-20 gauge Stainless steel & anodized Aluminium cover Mounted on 5cm dia. Four casters.
- Capacity – 25 Kg (Min.) to hold 20 Kg Wax
- Heater - 2000 watts
- Thermostatic temperature control (30 - 90 degree C) - Auto cut-off
- Thermostat - 30 to 110o C
- Perforated steel plate to cover heating element for safety of patient
- The scope of supply includes 20 Kg of Wax.

10.3: Power Supply:

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

10.4: Quality Standard:

- The model should be CE/BIS approved.
- The manufacturer should be ISO13485 certified

11. Short wave diathermy unit (500W) for Physiotherapy

11.1: Clinical Use: It is a deep heating thermotherapy modality used for pain relief, joint stiffness reduction in number of cases like post fracture rehabilitation, Back & neck pain, Frozen Shoulder, Arthritis etc.

11.2: Technical Specification:

- High power medical diathermy transmitting oscillator valve and solid state rectifier
- RF power source Vacuum generating valve
- Power output: 500 watts
- Operation Frequency: 27.12 MHz
- Wave length: 10 to 12 meters
- Automatic timer, (timer 0 – 30min)
- Intensity control: 5 step smooth control with gradual increase
- The unit should have digital display.
- Cooling fan should be provided
- Two sets of cable and treatment Pads for Adult and Paediatric should be provided. (Pad Type Electrode)
- Disc electrode of two different sizes to be provided.

11.3: Power Supply:

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

11.4: Quality Standard:

- The model should be CE/BIS approved.
- The manufacturer should be ISO13485 certified

12. Vacuum Therapy Unit

12.1: Clinical Use:

- Decrease or relieve pain and inflammation from injury or chronic conditions.
- Relieve deep muscular issues and reduces muscle spasms.
- Release and soften scar tissue and loosen post-surgery adhesions.
- Lift and stretch soft tissue to separate fascia and restrictions.
- Increase range of movement and flexibility in joints.
- Promote healthy circulation and open the energy flow of the body.
- Move stagnation and enable normal lymphatic flow.
- Enhance any athletic training program to improve performance.

12.2: Technical Specification:

- It should be a table top model of dual channel.
- The unit should generate continuous and pulsed outputs with variable pulse speed
- The vacuum pressure should be adjustable as per requirement.
- Vacuum: 100 – 500 mbar continuously adjustable

- Therapy forms: continuous or pulsed
 - Pulsed vacuum: 2 – 6 secs. Adjustable
 - No. of vacuum electrodes: Four of 60-70mm
 - The unit should have digital display.
 - All required accessories should be provided with the unit for smooth functioning. Glass or plastic cups and a vacuum pistol, bulb or machine to create suction on the body surface.
 - With attached trolley
- 12.3: Power Supply:
- The unit should work on 230volt & 50HZ supply
 - The unit should have inbuilt over voltage protection.

12.4: Quality Standard:

- The model should be USFDA /CE(notified) approved.
- The manufacturer should be ISO13485 certified

13. Knee and Hip Auto Passive mobilise

13.1: Clinical Use: The mobiliser used during the first phase of rehabilitation following a soft tissue surgical procedure or trauma, Post fracture management of Femur, Tibia-Fibula, Knee & hip replacement etc. . This rehabilitation procedure follow-up for control post-operative pain reduces inflammation, provide passive motion in a specific plane of movement, and protect the healing repair or tissue.

13.2: Technical Specification:

- The device should provide anatomical motion of the knee & hip for the adult and paediatric patient.
- Gear mechanism for continuous operation.
- Can be used for both left and right portion of the patient.
- Must be well cushioned for comfortable feel.
- Should have adjustable flexion angle up to 120 degree
- Provided with patients safety switch.
- Treatment timer : 0 to 60 min
- Features for Up & Down control limit button to control reverse direction movement
- Flexion delay : 5,10,15 sec
- Extension Delay : 5,10,15 sec

13.4: Power Supply:

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

13.5: Quality Standard:

- The model should be USFDA /CE approved.

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

14. Shoulder, Elbow and Wrist auto passive mobiliser

14.1: Clinical Use: The mobilise used during the first phase of rehabilitation following a soft tissue surgical procedure or trauma, Post fracture management of Humerus, Radius-Ulna, frozen shoulder etc. This rehabilitation procedure follow-up for control post-operative pain reduces inflammation, provide passive motion in a specific plane of movement, and protect the healing repair or tissue.

14.2: Technical Specification:

- The device should provide anatomical motion of the shoulder (Flexion-extension, Abduction-Adduction (vertical & Horizontal plane), Circumduction& Elbow (Flexion-extension),wrist combination of ulnar deviation, flexion (range - 0-80 deg) and Dorsey flexion plus radial deviation(range : 0-80 deg for the adult and paediatric patient).
- Gear mechanism for continuous operation.
- Can be used for both left and right portion of the patient.
- Must be well cushioned for comfortable feel.
- Should have adjustable for range of motion
- Provided with patients safety switch.
- Treatment timer : 0 to 60 min
- Features for Up & Down control limit button to control reverse direction movement
- Range of motion delay (For each movement pattern) : 5,10,15,30,45 sec
- Range of motion delay (For each movement pattern: 5,10,15,30,45 sec

14.4: Power Supply:

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

14.5: Quality Standard:

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

15. Parallel Bar

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

15.2: Technical Specification

- The parallel bar should be a height adjustable; platform 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 be single piece stainless steel pipe
- The uprights are to be fitted on a 1 1/2" thick hard plywood base with water and termite resistance. Both ends of this platform should be curved slope for obstruction free. The platform should be stain finish. Both the ends of the platform should have two anti-slip threads for non-skidding.
- Safety treads at both ends of platform should be provided for safety of the patient when taking a turn.
- Models make it safer for patient to turn

15.3: Minimum dimension of the structure:

- Length of the bar: 10 feet
- Width of the bar: 25" – 28"
- Height adjustment of the Bar: 26" – 39"
- The manufacturer should be ISO approved.

16. Stair climbing training unit

16.1: Clinical Use: It is used for vertical gait training, coordination training of lower limb in various neurological conditions like paralysis, GBS, Parkinson etc.

16.2: Technical Specification

- The stair case shall be a Small Up and Down type with 6 steps UP and 4 steps down.
- The patient can ascend and descend without turning.
- The stairs are to be 10" of minimum depth.
- The total length of the stair case should be fitted with two full width rails
- It should bear a load capacity under normal for all categories of patient.
- Can be easily fitted to any space.
- Dimension:
 - For down four steps: 10"L x 30" W x 6" H
 - For UP four steps : 10"L x 30" W x 4" H
 - The base platform: 24"L x 30"W x 24" H
- Complete unit shall be made of good quality Poly Wood with water and termite resistance
- The supplier should be ISO certified.

17. Adult Trampoline

17.1: Clinical use: Use for coordination training of Parkinson, tabes dorsalis and vestibular rehabilitation.

17.2: Technical Specification:

- Compact round trampoline, shape- round.
- Dimensions: diameter of the mat minimum 350cm
- The mat made of polypropylene.
- The perimeter should be padding to cover the springs and protect jumpers from a fall or finger pinching. The padding should be made of
- Anti-UV treatment on the safety pad, bed and net for optimal outdoor use
- Minimum lateral installation clearance
- Minimum 40mm galvanised steel frame.
- Maximum user weight 200kg
- Height of the mat above ground minimum 1 feet
- 5-6 legs U shaped legs.
- 65-70 springs

17.3: Quality specification

- The product should be CE approved.
- The manufacturer should be ISO certified.

18. Tilt Table (Electrical)

18.1: Clinical use:

- Tilt Table is primarily use to transitionally bring a patient into a progressively upright standing position. They are used with bedridden, wheelchair bound patients or with people who are unable to support their own weight due to neurological impairment or injury.

18.2: Technical specification:

- It should function like an electric operated table with vertical to horizontal tilt is achieved with an easy-to-turn.
- Crank is angled to provide leverage for maximum lifting efficiency.
- The table should have three positioning (0-90 degree) straps for security on raising the patient.
- Should have minimum 28" wide surface with an extra-wide footboard (20"W x 18"D),
- Minimum 2"-thick high-density (40) foam/Moulded foam padding.
- Made of heavy-duty steel frame with vinyl upholstery.
- Surface area: 28"W x 78"LL x 33"H (approx.). approximate
- The table should be operate on 230Volt, 50Hz AC electricity supply

Standard Quality

- The manufacturer should be ISO 13485 certified
- The model should be CE/BIS approved.

19. Manual therapy Bed unit

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 Motorised
- The frame and the base shall be made of MS with powder coating.

20. Wage board:

20.1: Clinical use:

- For gross-motor activities as rolling tumbling, walking up or downhill or just lying down to read or study. Excellent for positioning severely disabled children.

20.2: Technical specification:

- Size : 10" X 24" X 26" & 12" X 24" X 26"
- Made up of plywood of 19mm Thickness.
- It should be covered with a polyvinyl coating cover.
- Should not collect sweat, odour or dirt and should be easily wiped & cleaned with a damp cloth.
- Should have non sticky & non skidding surface.
- Should provide cover bag for safe keeping & handling.
- The manufacture should be ISO certified.

21. Adult Roller & Balance board (wobbles' Board)

21.1: Clinical use

- It should be useful for adult & paediatric.
- It should be used for rocking from side to side, spinning around and balancing where a patient can stand or sit.

21.2: Technical Specification:

- The board made up off 19mm thick ply wood.
- The board should be provided with anti skid profile and four integrated handlebars.
- It should be covered with a polyvinyl coating cover.

- Should not collect sweat, odour or dirt and should be easily wiped & cleaned with a damp cloth.
- Dimension:
 - Adult roller: length – 30”, Radius -8” approx.
 - Balance board: approximate 4’ (L) x 2’(W) across and approximately 7 inches height.
- The manufacturer should be ISO certified.

22. Therapeutic Mat:

22.1: Clinical use:

- Used for various mat exercises like stretching, active exercises to geriatric patients, paralysis and other neurologically impaired patients.

22.2: Technical Specification

- Made of good quality foam of minimum density of 40kg/cm³
- The thickness of the mattress should be 4”
- Dimension:6.5ft (L) and3 ft(W)
- It should be covered with a polyvinyl coating cover.
- Should not collect sweat, odour or dirt and should be easily wiped & cleaned with a damp cloth.
- Should have non sticky & non skidding surface.
- Should provide cover bag for safe keeping & handling.
- The manufacturer should be ISO certified.

24. Foot Bath Unit

24.1: Clinical Use: Use for diabetic foot .leprosy foot for debridement of dead skins and softening the skins in case of neuropathy.

24.2: Technical specification:

- Foot bath tub of size-L-12 X B-14 x D-6 1/2
- With top lid to cover when not in use.
- 3 function vibration massage bubble massage water tempering
- Attached infrared light spots
- Attached massage naps
- Removable splash protection
- Non Slip rubber feet
- Cord length -6 meter with auto winder
- Power : 220 Volt, 50 Amp & 60-100W

25. Quadriceps training unit including weight cuffs & dumbbells:

25.1: Clinical Use:

- Use for strengthening of lower limb and abdominal muscles in cases of paresis, paralysis, post surgical rehabilitation etc.

25.2: Product Eligibility Criteria:

- Should be CE /ISI approved product.
- Manufacturer should be ISO 9001 certified for quality standards.

- Manufacturer should have ISO 18001 certification for Occupational Health & Safety Assessment Series (OHSAS)

25.3: Technical Specifications:

- 2 folded top.
- Should be made up of rectangular CRC frame with epoxy powder coating.
- Should have facility of arm rest with height adjustment.
- Should have 2 inch cushion top seat with high quality rexin cover.
- Should have back rest adjustment with angle range of 5 to 90 degree with locking facility.
- The torque unit should have two lever arms with one adjustable weight and other one providing fixed contact with patient.
- Should have facility of changing the angle between two arms for providing maximum resistance at any point in the range.
- Should have height adjustment facility for torque unit with locking facility.
- Load range should be with maximum 100kg.
- Weight cuffs (6 Nos.) : ½ Kg - 3 Kg (1 each)
- Dumbbell (6 nos.) : ½ Kg - 5 Kg (1 each)

26. Treatment wooden beds with Mattress

Technical Specification:

- Foam rubber padded top,
- Size 72" x 24",
- upholstered with rexine & had adjustable back rest of 18" length which can be adjusted in height for desired position
- Two drawers is provided underneath the top.
- Top is mounted on sturdily built well polished hardwood legs & frames. Total height 31"
- 2 step wooden stairs should be provided with the bed.

27. Hand rehabilitation Therapy unit

27.1: Clinical use : Used for exercise of fingers, intrinsic muscles, wrist flexor & extensor etc. In cases of paresis & paralysis of upper extremity.

27.2: Technical specification:

- Hard-wood table with laminated top, size 25" x 35" x 30" high.
- Fitted with 6 pulleys in a steel frame. Leather loops and nylon cord passing through the pulleys with adjustable hanging weight underneath for Fingers Hand, Wrist and Forearm exercises.
- Especially for Metacarpo-phalangeal & Inter-phalangeal joints.
- Provided with Supinator/Pronator and Wrist-Circum-duction wheel for Wrist exercises.
- Comes with Five sets of weights, each set consists of 5 weights of One each of 100, 200, 300, 400 and 500 grms.
- Attached hand gym kit board on table top. Which have following features
 - Laminated exercise board with storage drawer,
 - Have several holes to fix Pegs and Springs.

- Comes with One finger Disc, One Roller, Three Spring loaded Knobs, 3 Aluminium pegs and 3 Sets of Springs of different tensions.
 - The unit permits active flexion and extension exercises of the finger and grip.
- Therapy Putty: FIVE packs of 450gm each in five different resistances.
- Medicine Ball Set: FIVE balls, 1, 2, 3, 4 & 5kg.

28. Thera bands /Elastic bands (Flat type) :

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

28.1.2: 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.
- (a) Light: Yellow.
 - (b) Medium-Light: Red.
 - (c) Medium-Heavy: Green.
 - (d) Heavy: Blue.
 - (e) Extra-Heavy: Black.

29: 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.

30. Diagnostic equipments

30. 1. BP apparatus:

- Technique: Aneroid
- Shock proof
- Latex free, Light weight ; easy to carry
- Range of BP monitoring : upto 300mm Hg with a accuracy of +3Hg
- The housing of the meter should be made of good quality thermoplastic/ corrosion proof aluminium alloy.
- The insufflations bulb should be made of good quality material and should allow rapid insufflations.
- The pressure release valve should permit precise release of pressure and also allow fast deflation.
- Micro filter must provide to protect air release valve and measuring system.
- Spoon-shaped grip made of stainless steel.
- The device should be shock resistant
- Should be supplied with a good quality carrying case
- Should be supplied with following reusable cuffs: Child, and Adult.

- The cuff should be latex free. The cuff surface should be easily cleanable by wash.
- The equipment should have comprehensive warranty for 3 years. The calibration should be for 3 years free.
- The instruments should be CE marked (certificate to be submitted in technical bid)
- Manufacturer should be ISO 13485 approved

30.2. X-ray-reader/X-ray view Box: use for X-ray viewing.

- Single plate X-ray viewing screen
- LED lamps controlled by dimming ballasts
- Control luminance without flicker
- Uniform level of illumination across the entire front panel
- Sealed flush with the inside face of the operating theatre wall
- Spring loaded clips to secure the X-ray
- Minimum lamp hour: 30000hr
- Colour temperature should be of minimum: 4500K

30.3. Gonio-meter: Use for measurement of joint range of motion.

- 3 different size Goniometer to accurately measure the axis and range of motion in a particular joint.
- Manufactured from clear toughened plastic for unrivalled durability.
- 12 Inch Goniometer featuring three different scales. 360 degrees. Metric and Imperial.
- Calibrated with the ISOM System.
- Manufacturer should be ISO certified.

30.4. Hand grip & pinch Dynamometers: Use for hand grip test and muscle strength measurement.

- Maximum reading remains until the unit is reset
- Five position handle and body
- Strength reading can be viewed as pounds or kilograms
- CE Certified
- Supplied in a protective carrying case
- The manufacturer should be ISO certified.

30.5 Knee hammer:

- Used to test joint reflexes or bone fractures in the joints
- The Taylor hammer features a 7.5 inch chrome handle
- Has a colored triangular rubber head
- The manufacturer should be ISO13485 approved

30.6 Plumb unit: Metallic plum with nylon thread

30.7 Stadio meter:

- 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)
- The manufacturer should be ISO certified
- Warranty : 1 Year

30.8 Weighing scale:

- Sturdy dial type mechanical platform weighing machine for adult and children.
- Zero adjustment facility should be there.
- Resolution : 50 gm
- Range of weighing: 0-120kg
- 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 by legal metrological Deptt. In case of distributor, the bidder should have valid distributor and repair license from legal metrological Dept., Govt. of Odisha.
- ISO 9001 certified manufacturer (certificate to be submitted). Warranty: 1 Year

30.9 Inch tape:

- Spring controlled.
- The measuring tape should be
- The measuring tape made of woven fabric.
- It should be cleanable .Measurment range - 5 foot
- The tape should have both inche and centimeter scale.
- The calibration certificate should be provided.

30.10 Skin fold measurement Calliper: Use to measure skin fold thickness for body fat analysis.

Technical specification:

- Measurement Range: 0 to 70mm
- Material: ABS
- 1 Body Fat Calliper
- Measure Tape
- Measurement Chart

31.Height Adjustment Walker:-Used as assistive device for walking.

Technical specification:-

- 1.Made up of light weight aluminium alloy frame.
- 2.Loading capacity-Upto 120 kg body weight.
- 3.Receprocal walking facility.
- 4.Hand grip should be sweat resistant .
- 5.Anti frictionless ferrule made up of rubber.
- 6.Facility for height adjustment.
- 7.Manufacturer should be ISO certified.

32.Height adjustment Walking stick:-Used as assistive device for walking.

Technical specification:-

- 1.Made up of light weight aluminium alloy frame.
- 2.Loading capacity-Upto 120 kg body weight.

3. Hand grip should be sweat resistant .
4. Anti frictionless ferrule made up of rubber.
5. Facility for height adjustment.
6. Manufacturer should be ISO certified.

33. Peg board:-Used for hand activities and co-ordination of eye and hands.

Technical specification:-

1. Made up of wooden board .
2. dimension:-1 feet x1 feet(1xb)
3. multicoloured and multi shaped wooden pegs(triangular,square,cylindrical,rectangular)
4. ISO certification of manufacturer.

DENTAL EIF

- **MOSQUITO FORCEPS (STRAIGHT):**
 - Size: 5 inch.
 - Material: Stainless Steel
 - Type: Straight
- **ARTERY FORCEPS (STRAIGHT):**
 - Size: 6 Inch.
 - Material: Stainless Steel
 - Type: Straight
- **FISSURE BUR FOR STRAIGHT HAND PIECE:**
Material : Stainless Steel
Length: 44.5mm
- **CHISEL:**
 - Material: Stainless Steel
 - Size: Standard Size
- **OSTEOTOME:**
 - Material: Stainless Steel
 - Size: Standard Size
 - Type: Straight
- **MALLET:**
 - Material: Stainless Steel
 - Size: Standard Size
- **CURETTE:**
 - Material: Stainless Steel
 - Size: Standard Size
- **BONE FILE:**
 - Material: Stainless Steel
 - Size: Standard Size
- **RONGEUR:**
 - Material: Stainless Steel
 - Size: Standard Size
- **APEXO ELEVATOR:**
 - Material: Stainless Steel
 - Size: Standard Size

- **NEEDLE HOLDER(STRAIGHT):**
 - Size: 6 Inch
 - Material: Stainless Steel
- **NON TOOTH FORCEPS:**
 - Size: 6 Inch
 - Material: Stainless Steel
- **TOOTH FORCEPS:**
 - Size: 6 Inch
 - Material: Stainless Steel
- **MOUTH PROP:**
 - Material: Stainless Steel
 - Size: Standard Size
- **STITCH CUTTING SCISSOR:**
 - Material: Stainless Steel
 - Size: Standard Size
- **DISSECTING SCISSOR:**
 - Size: 6 Inch
 - Material: Stainless Steel
- **BIOPSY FORCEPS:**
 - Size: 10 Inch
 - Material: Stainless Steel
- **COMPOSITE FILLING MATERIALS:**
 - Brand : API
 - Set: 6pc
- **ENDOMOTOR:**
 - Material: Plastic
 - Weight : 48 kg
- **PERFORATED TRAY (SHORT, MEDIUM, LARGE):**
 - Material: Stainless Steel
 - Size: Short, Medium & Large Size
- **MAXILLARY DISIMPACTION FORCEPS:**
 - Material: Stainless Steel
 - Type: Right
- **HAYTON WILLIAMS FORCEPS:**
 - Material: Stainless Steel
 - Type: Forward
- **ROWE'S ZYOMATIC ELEVATOR:**
 - Size: 8mm
 - Material: Stainless Steel
- **ARCH BARS:**
 - Size: Length – 1 feet
 - Material: Stainless Steel
- **WIRE TWISTER:**
 - Size: 8 Inch
 - Material: Stainless Steel
- **WIRE CUTTER:**
 - Size: 9 Inch
 - Material: Stainless Steel

- **BONE AWLS:**
 - Type: Straight
 - Material Stainless Steel
- **BONE HOOK:**
 - Size: 8 Inch
 - Material: Stainless Steel
- **26/24 GAUGE STAINLESS STEEL WIRE:**
 - Type: 26/24 Gauge wire
 - Material: Stainless Steel

General Equipment's

Suction Machine (Electrical)

Eligibility Criteria:

Should be FDA / CE / ISI approved product

Manufacturer should be ISO certified for quality standards.

Shall meet IEC -60601-1-2:2001 (Or Equivalent BIS General Requirement of Safety for Electromagnetic Compatibility or should comply with S9/366/EECEMC- directive

Operational Requirements

Shall have Motor (CE/ISI marked) of minimum 1/4 H.P. capacity.

The machine should be portable on three/four wheels and handle for transportation

Technical Specifications

The Suction pump should be oil immersed fitted on Motor shaft.

Suction pump should have line grinding internally. To facilitate maintenance the cover of machine should be easily to open from the top & sides. The suction machine should be capable of producing 0- 600 approx. mm Hg. which should be ± 10 regulable, flutter free vacuum control knob monitored by vacuum gauge. The suction capacity should be 15-20 liters per minute and can be regulated. Noise level should be less than 48dB.

It should have two bottles of 2 liters with synthetic rubber lids. The bottle shall be fitted with the arrangement to prevent overflow of fluid.

ON/OFF Switch and Power indicator should be available

Body material: Base, top & panel made of rust proof and corrosion resistant moulded ABS.

Jar/Bottle material: Autoclavable polycarbonate.

Supplied with:

3 Core lead of 2 meter long with one 3 pins 15 amp. Plug -01 The Following spares per machine are also required:-

- i) Bottles 2 Nos.
- ii) Lids 2 Nos.
- iii) Rubber Seals 2 Nos.
- iv) Blades 2 Nos.
- v) Suction Tubing set 1 No

Power Supply

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

Lead Apron

- 0.5mm Pb equivalency front protection
- 96.8% Attenuation over 80, 100, 120 KVP
- Lightweight Lead is lighter than the Regular Lead and is recyclable
- Protection Materials: Lead-Tin
- Hook & Loop closure

- Color: Sapphire Diamond Ripstop
- Flex back design allows for a comfortable fit with a snug closure around the waist and hips
- Concealed padding provides added comfort to the shoulders
- Included double pocket is conveniently located

Available in 4 standard unisex sizes, to select your size please consider the following:

- Width: Choose a width that guards at least half your circumference
- Length: Choose a length that properly protects you from your sternal notch to just above or below the knee, depending on your preference

Item weights:

- Small: 6.25 lbs.
- Medium: 7.8 lbs.
- Large: 8.55 lbs.
- X-Large: 9.55 lbs.

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.

Saline Stand

Quality Standard

- Should be CE/BIFMA/BIS approved model.
- Manufacturer should have ISO 9001 certification for quality management standards.
- Manufacturer should have ISO 14001 certification for environmental management systems.
- Manufacturer should have BS OHSAS 18001 certification for occupational health & safety management.
- Should furnish stainless steel grade certificate from Govt/Govt. approved testing laboratory.
- Manufacture should produce test certificate from Govt/Govt. approved laboratory for test procedure like impact test, bend test, salt spray chamber test, epoxy powder coating & phosphate coating for quoted item
- Overall approx. size: height – 150cm-230 cm (with telescopic adjustable height)

Specification

- Main Frame: Strong & Sturdy stainless steel tubular construction mounted on four pronged tubular/rectangular base fitted with four swivel rust proof castors 50mm diameter .
- Stainless steel rod with double hooks
- All the Stainless Steel should be 304 grade

Instrument Steriliser Electrical

- Electrically Operated
- Size Ideally: 24” x 8” x 6”
- Should be electrically operated on 230volt, 50Hz with appropriate load
- Should have replaceable immersion type heater conforming to IS-4159/2000 dully BIS mark and conforming to safety requirements as per IS-0320-2-2001-1992

- Body should be made of IS-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.

Pulse Oxymeter

1. Should have plethysmographic wave form with numeric display for SPO2 and Heart rate on LCD/TFT display.
2. Should have a SPO2 range of 0 to 100%.
3. Should have SPO2 accuracy of $\pm 2\%$.
4. Should provide bar graph for pulse strength.
5. Audio and visual alarm for both upper and lower SPO2, Heart rate.
6. Should provide with adult reusable finger probe with technology from standard reputed companies.
7. Beep sound and alarm sound should have separate volume control
8. Should have a minimum of 2 hours back-up time.
9. Should be a portable, light weight and desktop model.
10. Should work with input 200 to 240Vac 50 Hz supply.
11. Should have safety certificate from a competent authority CE / FDA (US) / STQC CB certificate / STQC S certificate or valid detailed electrical and functional safety test report from ERTL. Copy of the certificate / test report shall be produced along with the technical bid

RADIANT WARMER

Description of Function:

A radiant warmer is used to keep the patient's core temperature stable at 37°C.

Operational Requirements:

It should be microprocessor controlled radiant warmer with manual and servo options

Technical Specifications:

1. Mobile newborn **Servo Control as well as Manual Mode** radiant warmer with detachable **Basinet** with fixed- height.
2. Antistatic castors(10cm dia,3.5cm width), 2 with breaks
3. Hood suspended above the table integrates heating element and overhead light
4. Overhead light: 1 x **a t l e a s t** 50W halogen spot, with **separate On –Off Switch**
5. Should have **facility** to support 10 L oxygen cylinder.
6. Ceramic/ Calrod heating element **at least 600 Watt** : emitter with parabolic reflector and protected by metal grid Control unit allows skin (**No Air**) temperature preset (LED indicator) and drives radiant heater output (Servo and Manual)
7. Integrated timer: 30sec to 59 min, with count-up and count-down feature
8. Temperature range, skin: 30 to 39°C (user pre- settable)
9. Monitoring of skin temperature by means of sensor, range: 30 to 39°C
10. Heater output: 0 to 100 % **with display of Heat output.**

Temperature stabilization ability should be with an accuracy of + 0.5°C.

Control unit: audiovisual alarms according to timer and temperature presets avoiding overheating.

Digital Display systems errors, Alarms including Probe Failure, skin temperature High

and Low, Power Failure and Heater Failure. Alarms should be audio as well as Visual

Basinet

- 1.The Basinet should have tilting facility with + 15deg -30deg with locking.
- 2.Basinet surface made up of **Polycarbonate (Transparent)** with mattress
- 3.Mattress-padding: foam density approx. 21 - 25 kg /m³
4. Mat tress cover: removable with zipper, waterproof, washable, resistant to cleaning with chlorine based solution and flame retardant (**Certificate of Flame Retardant**

Property must be submitted from the manufacturer of Mattress)

- 1.Side boards transparent **Polycarbonate**, drop down and lockable
2. Under basinet 2 storage drawers of roller sliding type.
- 3.Side rails **with platform** allow for mounting of accessories and attachment for at least 2nos syringe pump

Supplied with:

1. 1 x mattress
- 2.2x skin temperature probe (1year replacement warranty)
- 3.1 x spare heating element
4. 1 x spare set of fuses
- 5.2x Observation lamps

Power Supply:

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

Phototherapy Unit

- It should be LED phototherapy with high irradiance 35-45 microwatt per sq. cm per nm
- Optimal 450-460 nm wavelength ensures breakdown of bilirubin powder
- It should be of optical design helps ensure uniform light distribution and increased surface area to cover the baby from head to toe.
- It should have timers form lamp hour (non settable) and therapy time
- It should have led lamp life at least 20000 hour
- The noise level should be less than 40db
- It should multi directional base for ease in positioning
- It should be provided with wheel base system (antistatic castors of 10cm dia, 3.5cm width) 2 with breaks for easy transportation.
- Supplied with 10 Nos. of gonad shields and eye shields
- Power supply input to be 220-240VAC, 50Hz fitted with Indian plug

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

SAMPLE TRANSPORT BOX

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

STOOL TRANSPORT CARRIER

- Material : PP / HDPE

- Dimension: 45 x 42 MM
- Draw Volume: up to 30 ml
- Transparent, Clear and Unbreakable

SMEAR TRANSPORTING BOX

- Box of 50 slides with index
- Made of high grade plastic material

TRIAL LENSE FRAME (ADULT)

- PD Range: 54mm – 74mm
- Weight: 72 grams
- Temple Length/Angle
- Nose Bridge Height/Angle
- 360° Lens Rotation

TRIAL LENSE FRAME (CHILD)

- PD Range: 43mm – 58mm
- Weight: 72 grams
- Temple Length/Angle
- Nose Bridge Height/Angle
- 360° Lens Rotation

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



RACK/CABINET FOR STORAGE OF LAB CONSUMABLES

- Shelves Materials: - Mild Steel
- MS sheet thickness of shelves: - 18 Gauge MS Sheet
- Angel post Material Size- Mild Steel 1.5” x 1.5” x4mm
- Open Type of shelves
- With pigeon hole
- 3 Numbers of shelves/ compartment



- Stainless steel hand rails with proper grip with adjustable and removable frame fitted with lockable wheels.
- Control panel – Digital with weight display, motor function can be controlled by remote or control panel manually.
- Weight capacity up to 200Kg
- Power supply-220 volt AC

INFRARED THERAPY

- CRC round pipe constructed with powder coating stand.
- 360 Degree freedom and upper and lower free fixed bracket.
- Temperature regulation
- Faster and safer heating & UV proof.
- Infrared power- 150 watt

STATIC CYCLE

- Tubular steel frame on properly balanced legs with four rubber tips
- Fitted with one hard rubber type wheel, standard chain and a socket
- Seat should be adjustable
- Should be fitted with a ball bearing resistance roller which permits controlled movement in riding
- LCD/LED display with speedometer.

TREAD MIL

- Power 2.5HP DC High insulation motor
- Speed-1-15 Km/ Hour with control panel
- Power incline- 0-15%
- Pre-set programming
- Ergonomically designed handle bar with durable frame structure.
- Control Panel- LED display with speaker
- Shock absorber system
- Display- Time, Distance, Calories, Heat rate, incline etc.
- Foldable with soft drop lowering system. Inbuilt mobile wheels for easy transport.

SUSPENSION THERAPY

- Made up of heavy duty mild steel square pipe with powder coated finish with welded steel rod mesh at the top for suspension with sling and ropes.
- Tubular steel frame with 6MM thick rod mesh in which hooks for the sling will be suspended and adjusted.
- Size base- 2.1 Meter length, 1.1 Meter breadth, 50CM wide at the top and 1.9 meter height
- Sling canvas (thigh, leg, trunk, arm, forearm with 7 canvas slings)
- Hook ropes, Pulley ropes, double pulley ropes, cleats, S hooks, Ankle straps.
- Couch for suspension (made up of wood with accessories) – 1.94 meter, 90cm width, 50cm height, 2” foam pad.

AUTO Passive Mobilise of Upper Arm

- Digital control of motion angle, speed and time with display panel.
- Degree of ROM- 0 Degree to 15 Degree(shoulder and elbow)
- Height of the stand should be adjustable
- Motion angle bars made up of stainless steel with adjustable and removable frame with lockable wheel.
- Straps should be durable (heavy duty) and Velcro adjustable
- Safety switch and movement bar automatically for overload protection.
- Parameters can be set at any time according to the need.

REFRIGERATOR (Single Door)

- Capacity of 180 Liter, Minimum 10 Years Compressor warranty
- Single door with 3 Star
- Built-in Stabilizer
- Glass Door

REFRIGERATOR (Double Door)

- Capacity of 200Liter Minimum 10 Years Compressor warranty
- Double door with 3 Star
- Built-in Stabilizer
- Glass Door

REFRIGERATOR (Double Door)

- Capacity of 250Liter Minimum 10 Years Compressor warranty
- Double door with 3 Star
- Built-in Stabilizer
- Glass Door

REFRIGERATOR (Double Door)

- Capacity of 265Liter Minimum 10 Years Compressor warranty
- Double door with 3 Star
- Built-in Stabilizer
- Glass Door

ANNEXURE-II

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ESR Analyzer	
Standards	
Conformity to Certifications	
Certification number and date	
Conformity to Manufacturing Standards	
Performance Parameters	
Purpose	It is used to test erythrocyte sedimentation rate (ESR)
Operation Mode	Semi Automatic
Working principle	Westergren Method
Type of samples	CITRATE
Sample volume in ml	1ml to 2ml
Throughput (Number of Sample) per hour	60 or more
On board Quality control	Yes
Printer provided	Inbuilt
Type of printer	Thermal / Laser
Bar code Reader	Inbuilt / External
Mixer	Inbuilt/NA
Mixer compliace with ICSH & CLSI guidelines	Yes
Operating temperature and humidity	15-35 with relative humidity from 15 % to 90 %
Porvision of internal temperature correction	At 18 degree
Weather OEM is manufacturing control & calibrators	Any Value
Types of consumables	Disposable Tubes
Number of consumable supplied with machine	200
Control supplied with machines (low, medium , high is in 1 pks)	1 pks
Display	LCD
Touch screen	Yes
Avalliability of Completely Dry automation for safety and biohazards and saving on waste management	Yes
HCT correction option available	Any Value
LIS connectivity	Yes
USB port available	Yes
RS -232 Serial connection port	
Loading type	Random
Data Storage	upto 1000
Graphical representation of Sedimentation	Yes

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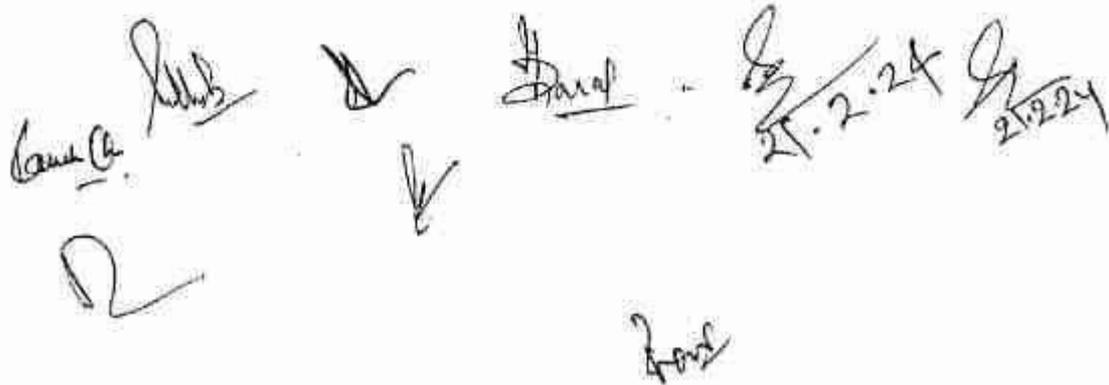
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Real time view of actual plasma sedimentation fall	Any Value
No of samples which can be load at time	30 or more
Time for Analyser gives results	Upto 30 min
Automatic ESR samples sorting facility is available	Any Value
Measuring range in mm	2-120
Sensor type	Optical sensor
Introduce CBC racks for ESR detection	No / Yes
Dimension L x W X H	Any value
Weight of instrument in kg	NA
Miscellaneous Parameters	
Comprehensive Warranty in Years	3
Original User / Technical manuals to be supplied in English in hard and soft copy	Yes
Original copy of operating and service manuals to be supplied in English in hard and soft copy	No/ Yes
Installation, Demonstration and training to be provided at consignee end at any part of country	Yes
The Principal Manufacturer Must Have Direct Presence/approved service center In India	Yes
Avallibility of toll free facility for technical support maintained by OEM or authorized agencies	Any Value
Copies of all certifications and reports to be provided to buyer on demand at time of supplies	Yes
1)Product Quality Standard certification 2)Product safety standard certification	1)The quoted model of the product should be "USFDA approved (having 510K/ having CFG)" OR "EU-CE approved as per Annex-III of IVD 98/79/EC Directive or latest)
3)Manufacturer Standard	The manufacturer should be ISO 13485 /ICMED 13485 certified certificate issued from certification bodies accredited by NABCB OR Nationally Recognized Accreditation Board under IAF MLA.
Saftey standards	The quoted model should confirm to IEC 61010-1:covering safety requirements for electrical equipment for measurement control and laboratory use.
CDSCO Details	The quoted model of the medical device must be registered under CDSCO and submit the license to manufacture for sale or for distribution of the medical device.



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 - A signature on the left, possibly "Gandhi".

 - A signature in the middle, possibly "Harap".

 - A date "25.2.24" written twice.

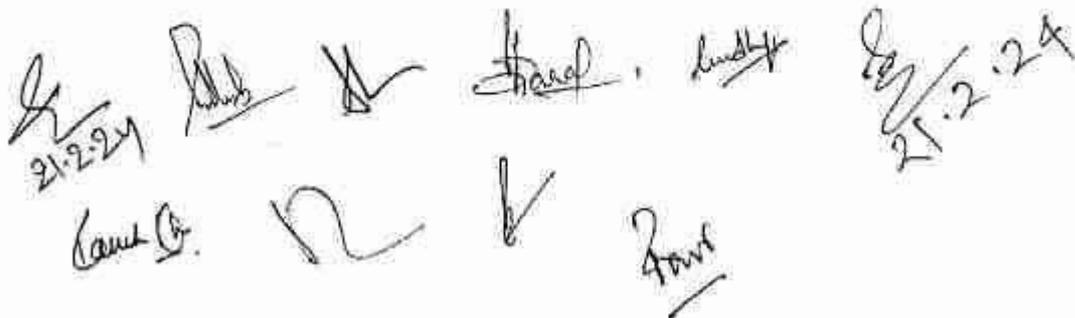
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Coagulation Analyzer	
Conformity to Performance and safety standards specific to the device	IEC 61010-1 & IEC 61010-2-081 & IEC 61010-2-101 or equivalent BIS
Analyser	Semi automated coagulation analyser
Scope of supply	Coagulation analyzers perform a variety of tests to detect abnormalities in coagulation mechanism
System Parameters	
Configuration Model	Benchtop
Throughput (Prothrombin time /hour)	30
Method Used	Optical Light scatter
Sample Type	Plasma
Minimal usage volume for clotting assay	up to 100 microlitre
Number of Channels	4
Test Menu Programmable	PT,APTT,FIB,
TT Test menu	No installation
Di dimer	Yes
LA1 and LA 2 included	No installation
Vwf activity included	No installation
Factor Assay included	Yes
Protein S and C menu	No installation
Plasminogen Menu	No installation
Plasmin Inhibitor	No installation
Other test menu	No
Machine Linearity limit PT, Sec	120-180 sec
Machine Linearity limit APTT, Sec	up to 180 sec
Flagging when values exceed upper linearity limits	Yes/No
Incubation Heating block	Yes
Incubation no of Wells	4
Incubation Temperature, °C	37(±1)
System Features	
Computer Interface	RS232 Unidirectional
LIS Interface	Yes
Bar code Sample Reader	Yes
Bar Code Regents Reader	Yes
Printer	Built-in thermal
Calibration	Both Automatic and Manual
Maintenance Time Daily in Min	<=5
Display	Built in LCD
Type of Display	Touch Screen
Operating Temperature, °C and humidity	15-35 degree centigrad and humidity 20 to 80%
Power requirements	
Power input, VAC	220-240VAC, 50Hz fitted with Indian plug
Online UPS provided	Yes
UPS Back up Time	30 mins
Type of battery	Lithium ion
Miscellaneous Parameters	
Warranty (Option of comprehensive warranty is available through bidding only, which if opted will supersede normal warranty in the catalogue)	3

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Number of installations of the semi automatic coagulation analyzer machines in Central /State/PSU Govt Hospitals(Note: Seller should supply a performace certificate of the device to the buyer if demanded after placement of order)	No Installation
User/Technical/Maintenance manuals to be supplied in English in hard and soft copy	Yes
Demonstration of equipment and training to be provided after completing supplies & Installation before acceptance	Yes
The Principal Manufacturer must have direct Presence/approved service center in India	Yes
Copies of reports and certifications to be furnished to buyer on demand at time of supplies	Yes
Attach certificate from the principal that spare parts will be available for next 10 years.	Yes
QA, QC Or other Calibration tests(6 months/ 1 year as per NABH/JCI)	Yes
Additional Technical parameter	
1)Product Quality Standard certification 2)Product safety standard certification	The quoted model should have USFDA (510K/CFG) approved and EU-CE certified as per Annexure-III of IVD Directives 98/79 EC or latest
3)Manufacturer Standard	The manufacturer should have EN ISO 13485 certificate issued from a notified body OR ICMED 13485 (with or without plus) certificate issued from certification bodies accredited by NABCB OR ISO 13485 certificate issued from certification bodies accredited by NABCB / Nationally Recognized Accreditation Board under IAF MLA.
Safety standards	The quoted model should conform to "IEC 60601" OR "IEC 61010" OR "IS/ ISO / IEC 80601 (Part 2)" OR "IS 13450 (Part 1)".
CDSCO Details	The quoted medical device must be registered under CDSCO and submit the license for manufacture to sale or distribute the medical device.



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Elisa Reader and Washer

Standards	
Compliance to certification (US FDA/CE - IVD certification will be accepted only when the Indian standards/certification like BIS/CDSO/AERB are not available)	CE - IVD/ usfda /BIS (Details mentioned below to be added under additional specification)
Certification number and date	As applicable
Manufacturer ISO 13485 certification for quality standards	Yes (Details mentioned below to be added under additional specification)
Performance parameters	
Application	ELISA reader and washer - Semi automated platform for ELISA which detects/ measures the presence / concentration of an Antibody or Antigen in Sample
Type of Reading	Plate
Type of model	Bench Top
Self check at startup	Yes
Computer System	The system supplied with compatible OS and analysis software
Programmable washing time, volume and soaking time	Yes
Elisa Reader and Washer shall be adjustable for different micro plate geometric	Yes
Design of Elisa Reader and Washer should eliminate overfilling and contamination	Yes
Design of Elisa Reader and Washer should facilitate easy cleaning	Yes
Weight in kg	NA
Power supply	230 +10% Volt AC , 50 Hz supply
Availability of external printer	Yes
Type of monitor	LCD
Keyboard	Key Board Inbuilt/ External
RS 232 Port	Yes
USB Port	Yes
Power consumption in watt	Any value
Memory Storage capacity for test results with patient ID	More than 1000
Methods of assay	Qualitative, Semi Quantitative and Quantitative
Processing Temperature settings in degree Celsius	37 & Room Temperature
Graphical display of plate/strip lay out for specifying controls ,samples and blanks etc	Yes
8-12 channel manifold, all tubing sets, wash, rinse and waste bottles, maintenance kit to be provided	Yes
2 sets Use Manual and Technical Maintenance manuals in original to be supplied	Yes
Plate reading and data analysis software provided	Yes
Online pure sinewave UPS supplied with dust cover	Yes
Minimum back up time of online pure sinewave UPS in minutes	30
Warranty (Option of comprehensive warranty is available through bidding only, which if opted will supersede normal warranty in the catalogue)	3years
Additional Parameters	N/A
Reader Specifications	
Detection Method	Absorbance
Wavelength range in nm	400 - 750
Light Source provided	LED
Standard Filter (provided)	405,450,492,630 nm with provision to add three more filters
Automatic filter selection	Yes

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Reading Speed	96 wells/ 30 seconds
Precision <1% CV	Yes
Dynamic range in OD	0 to 4.0
Resolution	0.001
OD Accuracy	<1. % at 2 OD
Photometric accuracy	+ 3% or better
OD repeatability	< 0.5 % at 2.0 OD typical
Number of samples at a time (minimum)	96
Capability of reading maximum number of assay / Test per batch	
Read Method/Mode	End point, Kinetic and area scanning under computer control
Curve fit Modes	LOG
Variable speed and plate/strip shaking capability	Yes
Easy access to 8 position filter wheel	Yes
Blanking Facility provided	Air wise, Well wise
Wells Reading Capability	U, V and Flat type wells
Additional Parameter	N/A
Washer Specifications	
Wash cycle	0-6
Residual volume in ul/well for solid bottom plate washing	Value should be >=2
Washer buffer capacity in litres	2
Availability of low buffer alarm	Yes
Soak time in hours	Value should be <=24
Dispense pressure preset	Yes
Availability of rinse function	Yes
Capability to wash plates	Flat, U or V bottomed micro plates
Memory storage capability of Wash Program	>= 25
Fluid delivery Method	Internal positive displacement syringe pump
Continuous operating cycle	Yes
Removable and autoclavable plate carrier	Yes
Use of non-pressurized bottles to minimize the risk of spillage	Yes
User could substitute bottles of different sizes	Yes
Availability of aerosol cover to prevent aerosols of infectious diseases from spreading	Yes
Washer Manifold	8 way manifold
Operating modes	L-J Chart, CV evolution, OD evolution, west guards
Waste bottle with full bottle alarm or sufficient mechanism to avoid spillage and damage to equipment	Yes
Additional Technical Parameter	N/A
Process Security	
Interfacing with Computer include desktop PC running windows based OS	Yes
Data processing	Quantitative and Qualitative
Additional Technical Specification	
Technical specification apart from the GeM defined specificat	A) Reader: user programmable open system with selectable plate formatting.
Standard Filter (provided)	Should have standard installed filter of 405, 450, 490, 540, 620/630 and 650nm.
Calculation Modes	Should have the calculation modes (a) Absorbance, b) Single point calibration (Factor), c) Point-to-point curve fit, d) Polynomial regression, e) Linear and sigmoidal regressions (log & linear), f) Cutoff absorbance, g) Multipoint % absorbance.

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1)Product Quality Standard certification 2)Product safety standard certification	1)The quoted model of the product should be "USFDA approved (having 510K/ having CFG)" OR "EU-CE approved as per Annex-III of IVD 98/79/EC Directive or latest)" OR "BIS certified conforming to the standard specifically for ELISA reader with Plate washer."
3)Manufacturer Standard	The manufacturer should be ISO 13485 /ICMED 13485 certified certificate issued from certification bodies accredited by NA BCB OR Nationally Recognized Accreditation Board under IAF MLA.
Safety standards	The quoted model should confirm to "IEC 61010" OR "IS/ ISO / IEC 80601 (Part 2)" OR "IS 13450 (Part 1)". Additionally, should also conform to IEC 61010-2-81 (Particular requirements for automatic and semi-automatic laboratory equipment for analysis and other purposes).
CDSCO Details	The quoted model of the medical device must be registered under CDSCO and submit the license to manufacture for sale or for distribution of the medical device.

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5 Part Automated Hematology Analyser (V2), (Q2 Category)

Product Description	5 Part Automated Hematology Analyser
Purpose	Hematology Analyzers are used to analyze blood samples and provide a comprehensive evaluation of various blood components.
PRODUCT INFORMATION	
Type of Configuration	Benchtop
Type of system offered	Closed system
Type of automation	Fully Automatic
Equipment should have automatic start up, shut down and sample analysis	Yes
Analysis principle	Based on principle of counting and sizing
Type of cell counting	5 part WBC differential without Retic and NRBC enumeration capability
Should have multi channel analysis for better resolution and reproductability	Yes
Analysis available	WBC, Lympho#, Lympho%, Neutrophil#, Neutrophil %, Basophil#, Basophil%, Easinoophil #, Easinoophil%, Monocyte#, Monocyte%, RBC, HGB, MCV, PCV, MCH, MCHC, RDW-SD, RDW CV, PLT, MPV, PDW, PLT, PLCR, PLCC, HCT, PCT, RET#, RET%,
NRBC%	Yes
Availability of body fluid (CSF, synovial, serous) parameters like WBC-BF, RBC-BF, MN#, MN%, PMN%, PMN#, TC-BF#	Yes
IPF analysis	Yes
PLT-O Analysis	No
PLT-F Analysis	No
IG % analysis	No
IG# analysis	No
RET-HE analysis	No
HFR analysis	No
LFR analysis	No
MFR analysis	No
IRF analysis	No
Discrete analysis modes available	CBC, CBC+DIFF, CBC+RETIC, CBC+RETIC+DIFF, CBC+Diff+NRBC
Analysis method for WBC	Tri angle Laser flow cytometry
Method for platelet measurement	dual angle light scatter/fluorescent dye based
RBC Measurement method	light scatter measuring technique
Hb measurement	cyanide free colorimetry
Retic measurement	on board light scatter (fluorescent dye/retic stain based) for reticulocytes
Number of sample racks to cater to different tube sizes	1 or 4 or 6
Maximum sample Aspiration volume needed in all modes	300µl or less
Minimum sample volume required in all modes	20µl or less
Throughput capacity in CBC/Differential	100+ more
Throughput capacity in Retic mode	45 or more
Type of modes of sample running	Closed vial
Linearity of Platelet	0 to 3000 * 10 ³ cells/ micro litres
RBC Linearity	0 to 8 x 10 ⁶ per micro litre or more
Hemoglobin linearity	0 to 25 gm per litre
Retic linearity	0 to 24.5.
WBC linearity	0 to 300 * 1000 cells/ micro litres

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Availability of Sufficient Number of Quality control files which store 100 or more XB Analysis	Yes
ACCESSORIES, SPARE PARTS AND CONSUMABLES	
Offered equipment unit to be supplied with sufficient consumables (with at least 2/3rd of total shelf life) required for, sufficient to carry out haematological testing of samples?	1000
Should have on board reagent facility and automatic reagent inventory management	Yes
Net work integration with lab information system feature	Yes
Operating temperature and humidity	Capable of operating continuously in ambient temperature of 10 to 35 deg C and relative humidity of 15 to 85% in ideal circumstances
CERTIFICATION AND REPORTS	
Compliance to Medical Device Rules (MDR) 2017 as amended till date	Yes
Availability of valid drug license for the product issued from the competent authority defined under Drugs and Cosmetic Act 1940 and Rules made there under as amended till date	Yes
Valid Drug License Number	NA
Manufacturing unit certification	ISO:13485 (Latest)
Additional voluntary certification available	NA
Availability of Test Report for product as per Medical Device Rules (MDR) 2017 as amended till date	Yes
Electrical Safety Standards	Mentioned under Additional Specification
Submission of all necessary certifications, licenses and test reports to the buyer at the time of bid submission and/or along with supplies as per buyer requirement	Yes
WARRANTY	
Warranty in years (Option of comprehensive warranty is available through bidding only, which if opted will supersede normal warranty in the catalogue)	3 year
MISCELLANEOUS REQUIREMENTS	
OEM/Reseller shall ensure uninterrupted availability of all spares for 10 years	Yes
Availability of toll free facility for technical support maintained by OEM or authorized agencies	Yes
User/Technical/Maintenance manuals to be supplied in English in hard and soft copy	Yes
Details of equipments and procedures required for local calibration and routine maintenance to be supplied and advanced maintenance task documentation also to be furnished	Yes
List of important spares and accessories, with their part numbers to be supplied to the buyer at the time of supplying the equipment	Yes
Installation and Demonstration of equipment and training to be provided after completing supplies before acceptance	Yes
The Principal Manufacturer must have direct Presence/approved service center in India	Yes
Calibration certificates as per NABH requirement	Yes
Time to attend breakdown calls	within 48 hrs
ADDITIONAL REQUIREMENTS	

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Additional Requirements	NA
Additional Technical Specification	
1) Product Quality Standard certification 2) Product safety standard certification	The quoted model should have USFDA (510K/CFG) approved and EU-CE certified as per Annexure-III of IVD Directives 98/79 EC or latest.
3) Manufacturer Standard	The manufacturer should have EN ISO 13485 certificate issued from a notified body OR ICMED 13485 (with or without plus) certificate issued from certification bodies accredited by NABCB OR ISO 13485 certificate issued from certification bodies accredited by NABCB / Nationally Recognized Accreditation Board under IAF MLA.
Safety standards	The quoted model should be certified to the safety standard IEC 61010.
CDSCO Details	The quoted medical device must be registered under CDSCO and submit the license for manufacture to sale or distribute the medical device.

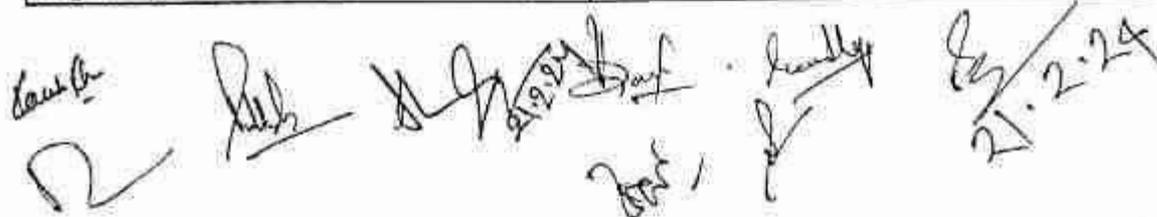
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Product Description	3 Part Automated Hematology Analyzer
Purpose	Hematology Analyzers are used to analyze blood samples and provide a comprehensive evaluation of various blood components.
PRODUCT INFORMATION	
Type of Configuration	Bench top
Type of system offered	Closed system
Type of Automation	Fully Automatic
Automatic Start Up, shut down and sample analysis	Yes
Analysis principle	Based on principle of counting and sizing
Multi channel analysis for better resolution	Yes
Type of cell counting	3 Part WBC Differential
Testing mode selection available	CBC Mode
Analysis available	WBC, Lymph#, Lymph%, Granulocytes #, Granulocytes%, Mixed #, Mixed%, RBC, HGB, HCT, MCVMCH, MCHC, RDW-SD/RDW-CV, PLT, MPV
Should have three histograms of WBC, RBC, PLT	Yes
MID% analysis	Yes
MTD# analysis	Yes
Gran% analysis	Yes
Gran# analysis	Yes
Analysis method for WBC	Electrical Impedance
Method for platelet measurement	Electrical Impedance
RBC Measurement method	Electrical Impedance
Hb measurement	Cyanide free Colorimetry
Types of modes of running sample	Open vial
Maximum sample aspiration volume needed in any of modes	Less than 50 µl
Minimum sample volume required	20 µl or less
Throughput capacity of analyser in (samples/ hour)	50-60
Linearity of Platelet	0 to 300×10^3 cells/ micro litres
RBC Linearity	0 to 8×10^6 per micro litre or more
Hemoglobin linearity	0 to 25 gm per litre
WBC linearity	0 to 3000×10^3 cells/ micro litres
Analyses time for cytopenic samples	Yes
Directly measures MCV	Yes
Time taken by the analyser to produce the test results (Analysis time) in seconds	40-60
Availability of Auto dilution	Yes
Types of reagents	1 Hemolyzing Reagent, 1 Diluent, 1 Cleansing Solution
Quality assurance system with calibration and controls	Yes

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Quality control programs	Atleast 3
Type of Calibration	Both (automatic and manual)
Direct aspiration for capillary blood from finger prick	Yes
Floating discriminator for platelets and RBC counting for reliable RBC and PLT data	Yes
Automatic probe wipe	Yes
Separate diluting nozzles for RBC and WBC	Yes
Double bathing mechanism	Yes
Automatic electric clog removal	Yes
DATA MANAGEMENT AND DISPLAY	
Type of data management	Inbuilt system
Display	LCD
Inbuilt monitor size in inches	More than 5
PC Monitor size (When PC provided externally)	NA (if Inbuilt system)
PC hard disk	NA
RAM capacity of PC System	NA (if no PC provided)
Processor	NA
HIS/LIS Interface	Yes
Type of external storage	USB
Number of USB Port	2
Data management systems	Provide histograms in display and print
Facility for user defined flagging	Yes
Type of user interface or data entry	All three (touchscreen/ handheld barcode reader facility)
Database capability of storing sets of results and graphics	≥ 2000 to 5000
Facility for workload recording	Yes
Auto stop function in event of unacceptable control data	Yes
Ability to transmit results to host computer	Yes
Have auto cleaning function in the analyser's software	Yes
Type of printer unit	Inbuilt
Printer type	Thermal Printer
POWER REQUIREMENTS	
Type of power supply	230-240 VAC, 50-60 Hz
Power Backup facility	Yes
Type of UPS	Online
Rating of UPS in KVA	1
Back up time in minutes	30 minute
Accessories, spare parts and consumables	
Offered equipment unit to be supplied with sufficient consumables (with at least 2/3rd of total shelf life) required for, sufficient to carry out haematological testing of samples	1000
Two set of all tubings	Yes
Reagent expiry time should be minimum of 1 year	Yes



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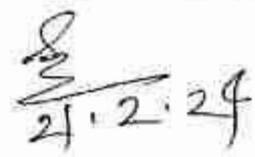
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Alerts for operator for level of reagents and to empty waste when indicated	Yes
Availability of micro capillary adapter	Yes
Operating temperature and humidity	Capable of operating continuously in ambient temperature of 15 to 35 deg C and relative humidity of 15 to 85% in ideal circumstances
CERTIFICATION AND REPORTS	
Compliance to Medical Device Rules (MDR) 2017 as amended till date	Yes
Availability of valid drug license for the product issued from the competent authority defined under Drugs and Cosmetic Act 1940 and Rules made there under as amended till date	Yes
Valid Drug License Number	As Applicable
Manufacturing unit certification	ISO:13485 (Latest)
Additional voluntary certification available	IMP/IVD/2020/000996 ISSUED BY CDSCO
Availability of Test Report for each supplied batch/product as per Medical Device Rules (MDR) 2017 as amended till date	Yes
Electrical Safety Standards	IEC/EN 60601-1 or equivalent BIS Standard
Submission of all necessary certifications, licenses and test reports to the buyer at the time of bid submission and/or along with supplies as per buyer requirement	Yes
WARRANTY	
Warranty in years (Option of comprehensive warranty is available through bidding only, which if opted will supersede normal warranty in the catalogue)	3years
Miscellaneous Parameters	
User/Technical/Maintenance manuals to be supplied in English in hard and soft copy	Yes
Details of equipments and procedures required for local calibration and routine maintenance to be supplied and advanced maintenance task documentation also to be furnished	Yes
List of important spares and accessories, with their part numbers to be supplied to the buyer at the time of supplying the equipment	Yes
The Principal Manufacturer must have direct Presence/approved service center in India	Yes
OEM/Reseller shall ensure uninterrupted availability of all spares for 10 years	Yes
Availability of toll free facility for technical support maintained by OEM or authorized agencies	Yes

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Installation and demonstration of equipment and training to be provided after completing supplies before acceptance	Yes
Calibration certificates as per NABH requirement	Yes
Time to attend breakdown calls	within 48 hrs
ADDITIONAL REQUIREMENTS	
Additional Requirements	NA
Additional Technical Specification	
1)Product Quality Standard certification 2)Product safety standard certification	The quoted model should have USFDA (510K/CFG) approved and EU-CE certified as per Annexure-III of IVD Directives 98/79 EC or latest.
3)Manufacturer Standard	The manufacturer should have EN ISO 13485 certificate issued from a notified body OR ICMED 13485 (with or without plus) certificate issued from certification bodies accredited by NABCB OR ISO 13485 certificate issued from certification bodies accredited by NABCB / Nationally Recognized Accreditation Board under IAF MLA.
Safety standards	The quoted model should be certified to the safety standard IEC 61010.
CDSCO Details	The quoted medical device must be registered under CDSCO and submit the license for manufacture to sale or distribute the medical device.

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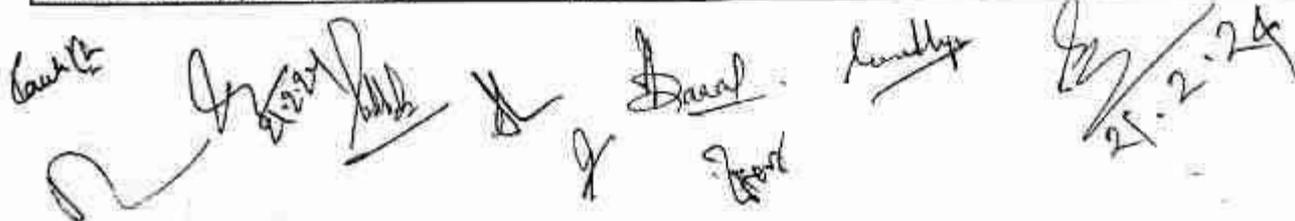
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GENERAL	
Product Description	Fully Automatic Biochemistry Analyzer
Purpose	Fully automatic biochemistry analyzer is used in clinical laboratories and healthcare settings to perform a wide range of biochemical tests on biological samples such as blood, serum, plasma, urine, and cerebrospinal fluid
PRODUCT INFORMATION	
System Type	Fully Automated Random Access System
Type of Biochemistry Analyzer	Bench Top Type
Sample Type	Serum, Plasma, Urine, CSF, Any body fluid samples
Assay Type	End point, Rate, Kinetic Turbidometric and Bi chromatic Assay, End point, Rate, Kinetic Turbidometric, Bi chromatic Assay, Fixed point, Ion Selective Electrode.
Throughput tests / hour Photometric Tests with ISE module	350 or more
Throughput tests/hour Photometric Tests without ISE Module	200 or more
Calibration Facility	Factor, Linear (one, two and multi-point), Exponential, Exponential, Logit-Log, Spline, Non-Linear
Equipment must have self diagnostic tests with error message and online display	Yes
Equipment must be programmable for all test menus and state of the art work station should be up-gradable by addition of ISE module	Yes
Sample loading type	Continuous
Equipment should have both internal and external probe cleaning/washing capacity	Yes
Repeat facility to be available for calibrator and control	Yes
Reagent refill message and monitoring facility	Yes
Minimum number of test parameters on board at a time	≥ 30
Minimum sample capacity at a time	35 to 49
Minimum number of STAT samples at a time	≥ 10
Should have pre post and auto dilution of samples and return capability for out of range samples	Yes
Probe dispensers	Probe dispensers must have level detectors and must typically use between 2-25 µl of sample
Spectral range in nm	340 to 800 nm
Wave length selection method	Interference Filter :Defraction Grating
Light source	Halogen lamp low cost with long life/ Tungsten lamp low cost with long life/ Light Emiting Diode
Life of lamp in hrs	≥ 10000
Power consumption of lamp in VA	Any Avlue
Type of sample cups	Reusable

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Number of sample cups provided with machine	200
QC program	QC Programme with L-J graphs, Print out of reports
Reaction Cuvette	Reusable
System should have on board cooling system	Refrigerated
DI water plant for the washing of the cuvettes/ to avoid carry over and contamination	Yes
Compatible on line UPS	Yes
Back up time	2 hour
Data management software	Equipment to be provided with compatible programmable windows based comprehensive data processing and management system graphical user interface software, LM Capability complete back up of data base for calibration control and patient sample results, capability for Bi-directional interfacing with LIS
Patient result storage capacity	50000 or more
Onboard cuvette washing & drying facility	Yes
Photometric Checking of cuvettes before next reaction - Create Another field	Yes
System should have facility for reading results on monitor and print out facility	Yes
Reagents to be provided with machine	Creatinine,Urea, Uric Acid, Triglycerides, Glucose, Cholesterol,HDL,LDL, Total Protein, Calcium, Albumin, SGOT, SGPT, Alkaline Phosphatase, Bilirubin (Total & Direct), CRP Quantitative, Rheumatoid Factor(RF), (ASO), Amylase, Lipase, C.P.K., Sodium(Na+), Potassium(K+), Chloride(Cl+) etc and Calibrator Control (Normal)Control (Abnormal)
Quantity of Reagents provided (Number of Tests)	5000 Tests
Reports	Printout of reports and full patient demographics to be available
System to be provided with necessary pre requisites and start up kits normal and abnormal QC and calibrators	Yes
Availability of RS 232 port/USB for data transfer	Yes
Power supply	200-240V AC, 50Hz Single phase
Reagents position	30 or more
Bar code reader for reagents	Yes
Bar code reader for samples	Yes
Refrigerator provided with Analyzer	No
Capacity of Refrigerator (Litres)	NA
Type of Micro pipette provided	10 to 100 microlitres variable micropipettes and 100 to 1000 microlitres variable micro pipette one each
Variable Micro pipette provided	yes



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Seller must provide original documentary proof of the date and place of manufacturing of provided equipment	Yes
Service manual and operating manual to be provided	Yes
System shall be provided with a compatible desktop PC	Yes
Speed of processor in GHZ	Greater than 3 GHZ
RAM in MB	≥ 512 MB
Hard disk drive capacity in GB	≥ 80 GB
Monitor	LCD/LED color monitor
Monitor size (inches)	17 inches or more
Compatible operating system provided in PC	Yes
Printer provided	Yes
Type of printer	Laser Printer
The unit shall be capable of operating continuously in ambient temperature and relative humidity	Temp of 10° to 25° C at ambient room temperature / Temp of 10° to 40° C at ambient room temperature
Startup kit, Calibrators, consumables required in training the staff/Technician/Doctors should be provided at the time of installation & Training	Yes
The reaction cuvettes should be replaced at free of cost when ever required during the warranty period	Yes
CERTIFICATION AND REPORTS	
Compliance to Medical Device Rules (MDR) 2017 as amended till date	Yes
Availability of valid Drug/medical device license for the product issued from the competent authority defined under Drugs and Cosmetic Act 1940 and Rules made there under as amended till date	Yes
Valid Drug/Medical Device License Number	As applicable
Manufacturing unit certification	ISO:13485 (Latest)
Additional voluntary certification available	CE & ICMED
Availability of Test Report for product as per Medical Device Rules (MDR) 2017 as amended till date	Yes
Electrical Safety Standards	IEC/EN 60601-1 or equivalent BIS Standard
Submission of all necessary certifications, licenses and test reports to the buyer at the time of bid submission and/or along with supplies as per buyer requirement	Yes
MISCELLANEOUS REQUIREMENTS	

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OEM/Reseller shall ensure uninterrupted availability of all spares for 10 years	Yes
Availability of toll free facility for technical support maintained by OEM or authorized agencies	Yes
User/Technical/Maintenance manuals to be provided in English in hard and soft copy	Yes
Details of equipments and procedures required for local calibration and routine maintenance to be provided and advanced maintenance task documentation also to be furnished	Yes
List of important spares and accessories, with their part numbers to be provided to the buyer at the time of supplying the equipment	Yes
Installation and Demonstration of equipment and training to be provided after completing supplies before acceptance	Yes
The Principal Manufacturer must have direct Presence/approved service center In India	Yes
Calibration certificates as per NABH requirement	Yes
WARRANTY	
Warranty in years (including machine, DI Water Plant if provided , UPS, computer and printer)	3 year
ADDITIONAL REQUIREMENTS	
Additional Requirements	NA

The quoted model must be able to perform all the tests as mentioned.

Glucose (Fasting & PP), Urea, Creatinine, AST/SGOT, ALT/SGPT, Alkaline Phosphatase, Total Bilirubin, Direct Bilirubin, Total Protein, Serum Albumin, Total Cholesterol, Triglycerides, HDL, LDL, Uric Acid
 24hrs urine for(Proteins, Sodium & Creatinine), Serum Calcium-Total, Amylase, Lipase,, Lipase, C.P.K., L.D.H., CKMB, Phosphorus (P+), ASO Quantitative, CRP Quantitative, RF Quantitative, Gamma GT, Ferritin, Transferrin, Ceruloplasmin, Cholinesterase/Dibucain, Micro albumin, CSF Sugar, CSF Protein, Sodium(Na+), Potassium(K+), Chloride(Cl+)

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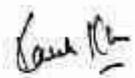
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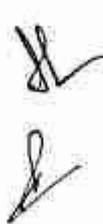
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Other Features

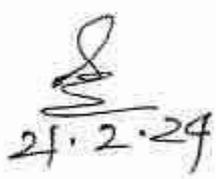
Instrument should have facility for continuous loading of Samples. The system should have separate probes for reagent aspiration and sample aspiration. The probes should have liquid level detection, Should have probe crash detection facility. Instrument should have Reagent Refill Message and Monitor facility.

1)Product Quality Standard certification 2)Product safety standard certification	The quoted model of the product should be "USFDA approved (having 510k/CFG)" AND "EU-CE approved as per Annex-III of IVD 98/79/EC Directive or latest.
3)Manufacturer Standard	The manufacturer of the quoted product should have EN ISO 13485 certificate issued from a notified body OR ICMED 13485 (with or without plus) certificate issued from certification bodies accredited by NABCB OR ISO 13485 certificate issued from certification bodies accredited by NABCB / Nationally Recognized accreditation Board under IAF MLA.
Safety standards	. The quoted model should confirm to "IEC 61010" OR "IS/ ISO / IEC 80601 (Part 2)" OR "IS 13450 (Part 1)".Should mandatory conform to IEC 61010- 2-40 for the Safety requirements for electrical equipment for measurement, control, and laboratory use.
CDSCO Details	The quoted model of the medical device must be registered under CDSCO and submit the license to manufacture for sale or for distribution of the medical device.







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Electrolyte Analyzers (V2) (Q2 Category)

Electrolyte Analyzers (V2)	
Generic	
Measuring Parameter	Potassium (K), Sodium (Na), Chloride (Cl) & Total Calcium (Tca)
Sample Type	Serum, Whole Blood, Urine, Plasma
Measuring Method	Ion selective electrode (ISE)
Minimum Sample Volume	50 Micro Litre
Rapid Test Speed Capability	More than 40 tests per hour
Sample Analysis Time	<= 30/45 sec
Description/Application	
Description	The electrolyte analyzer is a device for measuring electrolytes and is primarily used in the quantitative measurement of sodium, potassium, and chloride in serum and others
Intended Application	The instrument's intended use is in hospitals, Clinical Laboratories, to measure K+, Na+, Cl-, Ca2+, in samples of serum
Measurement of Sodium	
Measuring Range of Na (Blood Sample)	20-200 mmol/L
Measuring Range of Na (Urine Sample)	NA
Resolution of Na (in mmol/L)	0.1
Measuring Accuracy of Na (+/-) (In %)	0.10%
Measurement of Potassium	
Measuring Range of K (Blood Sample)	0.4 - 40 mmol/L
Measuring Range of K (Urine Sample)	1-500 mmol/L / 5-120mmol /L NA (Potassium Measurement Not Offered)
Resolution of K (in mmol/L)	0.1
Measuring Accuracy of K (+/-) (In %)	1%
Measurement of Chlorine	
Measuring Range of Cl (Blood Sample)	20-200 mmol/L
Measuring Range of Cl (Urine Sample)	25- 500 mmol/ L
Resolution of Cl (in mmol/L)	0.1
Measuring Accuracy of Cl (+/-) (In %)	1%
Measurement of Lithium	
Measuring Range Li (Blood Sample)	NA
Resolution of Li (in mmol/L)	NA
Measuring Accuracy of Li (+/-) (In %)	NA
Measurement of Calcium	
Measuring Range Ca (Blood Sample)	0.1-6 mmol/L
Resolution of Ca (in mmol/L)	0.01
Measuring Accuracy of Ca (+/-) (In %)	2%
Measurement of pH	
Measuring Range of pH (Blood Sample)	NA
Resolution of pH	NA
Measuring Accuracy of pH (+/-) (In %)	NA
Measurement of Total Carbon Di-Oxide	
Measuring Range of TCO2 (Blood Sample)	NA
Resolution of Carbon Di-Oxide (in mmol/L)	NA
Measuring Accuracy of TCO2 (+/-) (In %)	NA
Display	
Display Type	Touch LCD
Display Size (In Inches)	5
Connectivity Interface/Port	RS232
Features of Display	Alphanumeric keypad
Auto Sampler	
Auto Sampler Provided?	No
Number of Positions provided in Auto sampler	NA
Other Auto sampler Features	NA

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Software	
Suitable Application Software Provided	Yes
Feature for Software	Option to feed Patient Name and Patient ID
Data storage Capacity	5000 Test Results or more
Software supplied through	Media / URL link / Media & URL Link /NA
Type of License	NA
Free Upgradation to Higher Version within Warranty Period	Yes
Maximum user handling capability	NA
UPS Specifications:	
Suitable Online UPS Provided	Yes
Rating of UPS in KVA	1
Minimum Power Backup time (In Minutes)	60
Warranty on UPS and Battery	1
Make and Model of UPS and Battery	NA
Printer Specifications:	
Suitable inbuilt Printer Provided	Yes
Print type	Mono (Black & White Prints only)
Printing Technology	Thermal Printer
Compatible Paper Size (Width)	2"/2.5"/3"/3.5"/4"
Make and Model of Printer	NA
Dimensions:	
Type	Table Top
Main Unit (Length x width x height) (in mm)	NA
Auto sampler (Length x width x height) (in mm)	NA
Gross Weight	8 kilogram/NA
Buyer Specific Requirement & Features	
Features:	Real time reagent level monitoring and alarming systems, Separate electrode for sodium, potassium, calcium, Maintenance free electrodes, Automatic one and two points calibration, User controlled manual calibration option
Accessories:	Sample tray , Reagent pack for 500 tests
Barcode Scanner Provided (To scan the data of reagents/electrodes etc)	Yes (Attachable through Rs 232 / USB Interface)
Any Other Requirement	NA
Environmental Condition	
Minimum Operating Temperature (°C)	15-degree Celsius
Maximum Operating Temperature (°C)	50 degree Celsius
Operating Humidity (%)	80 percent
Ingress Protection	NA
Power Supply / Power Source	
Power Source	Mains (230 +/- 10 Volts / 50 Hz AC)
Power Supply Features	NA
Training	
Training Methods	Onsite at the time of installation
Number of Days for Training	1
Warranty & Service	
Warranty on Complete Unit	3 Years
Service/Repair request response time	72 Hours
Calibration Certificate	
Calibration Certificate issuing authority	OEM Certificate
Calibration Certificate provided	Yes
Test Report	
Type of lab which carried out Test of Complete Product to prove the conformity of product as per specification	NABL Accredited / OEM/ Govt Lab/ILAC Accredited Lab

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Agree to provide all relevant documents Test Report/supporting document /reports etc to the buyer at the time of bidding or on demand	Yes
1)Product Quality Standard certification 2)Product safety standard certification	The quoted model should be "USFDA approved (510k/CFG)"And "EU-CE approved as per Annex-III of IVD 98/79/EC Directive or latest" OR "BIS certified conforming to the standard BIS specification / guideline specifically for 'Electrolyte Analyzer
3)Manufacturer Standard	The manufacturer of the quoted product should have EN ISO 13485 certificate issued from a notified body OR ICMED 13485 (with or without plus) certificate issued from certification bodies accredited by NABCB OR ISO 13485 certificate issued from certification bodies accredited by NABCB/Nationally Recognized Accreditation Board under IAF MLA.
Safety standards	The quoted model should confirm to "IEC 61010" OR "IS/ ISO / IEC 80601 (Part 2)" OR "IS 13450 (Part 1)".
CDSO Details	The quoted model of the medical device must be registered under CDSO and submit the license to manufacture for sale or for distribution of the medical device.

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HbA1c/Hemoglobinopathy Analyzer (Q2 Category)	
Standards	
Certification for product	EU CE,USFDA
Certification number and date	ENI-AFR-07-2020-047 AND 24/07/2020
Conformity to Manufacturing Standards	ISO 9001 & ISO 13485
Confirming Standards for Electrical Safety	IEC- 60601 with latest amendments or BIS equivalent
Performance Parameters	
Type of technology	CAPILLARY TECHNOLOGY / HPLC
Configuration and usage of the system	Automated & Integrated system for testing and screening of HbA1c, Thalassaemia and Hemoglobinopathy as specified in the category parameters
Hemoglobins which can be screens and quantitated	HbA, HbA2, HbF
System has ability to detect the most commonly occurring abnormal hemoglobins like Hb S, Hb D, Hb E, Hb C, Hb Q-India	Yes
Detection of rare abnormal hemoglobin	Yes
System shall be supplied with complete ready to use kit with all the buffers to run the system	Yes
Sample volume required in ml	Should be <=2ml
Sample Throughput time in minutes	As applicable
Number of samples the Analyser is capable to analyse (minimum), concurrently	Minimum 28
Equipment shall be supplied with an offline digital library database with more than 200 chromatograms of fully classified abnormal hemoglobins and thalassaemia	Yes
System have standards for instruments calibrations ensuring accurate quantitation of results	In - kit/external
Type of pump with programmable solvent delivery system	Pneumatic pump/ Pneumatic Pump/ Dual Syringe Pump
Availability of a bi-directional Laboratory Interface System (LIS)	Yes
Alarm Facility	Have a visible alarm system for low buffer in the mobile phase reservoirs, low level value for cartridge injections and overflow for the waste tank, as well as built in alarms for calibration failure
System is capable of positive sample identification using a Barcode reader after processing is completed	Yes
System have an inbuilt system check facility which checks that all the system parameters (eg, cartridge, buffer, reagent, waste etc) are ready before the sample analysis	Yes
System the facility of primary tube sampling and direct dilution of the samples without manual intervention	Yes
System have a dual program mode to perform either HbA1c or HbA2/Hb F/HbA (applicable if both HbA1c and HbA2/HbF/HbA is available)	Yes/ NA (applicable if both HbA1c and HbA2/HbF/HbA is available)
Changing of reagents in dual mode	System require changing of reagents while switching from HbA1c to HbA/HbA2/Hb F/ testing mode /
System should be able to detect correct A1c values in presence of abnormal Hemoglobin variants like HbD, HbE, HbS & HbC	Yes
System offers both NGSP & IFCC value reporting on the same patient report	Yes



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Has facility to print a hard copy report giving identification and information on the subtype and quantity of hemoglobins detected, to view current and stored chromatograms/Electrophorogram & should enable storage of chromatograms / Electrophorogram	Yes
Printer	External / Inbuilt
Type of printer	Laser / Thermal
System to supplied with Seller's commitment to provide normal & abnormal controls for Hb A2, Hb F, Hb S & HbA1C as applicable for supplied model & provide quality control program to help compare results	Yes
Availability of external quality assurance service (EQAS) for Hemoglobin variants and offline library of chromatograms for result interpretation	Yes
Availability of Software and capability for real time viewing of the analysis of the sample	Yes
Data Management System Parameters	
Data management system	PC Based/ Inbuilt
Hard disk provided	80 GB or more
Screen size in inches	Value should be <=5
Display	LED /LCD
USB port	should be available
Connectivity to internet	Yes / No
Miscellaneous Parameters	
Warranty (Option of comprehensive warranty is available through bidding only, which if opted will supersede normal warranty in the catalogue)	3
System is NGSP (National Glycohemoglobin Standardisation Program) Certified and traceable to IFCC reference method	Yes
Number of installations in Central /State/PSU Govt Hospitals (Hint: Seller should supply a performance certificate of the device to the buyer incase demanded after placement of order)	No installation / Upto 3 / More than 3
Availability of toll free facility for technical support maintained by OEM or authorized agencies	Yes
User/Technical/Maintenance manuals to be supplied in English in hard and soft copy	Yes
Installation and demonstration of equipment and training to be provided after completing supplies before acceptance	Yes
The Principal Manufacturer must have direct Presence/approved service center in India	Yes
Copies of reports and certifications to be furnished to buyer on demand at time of supplies	Yes
System has ability to detect the most commonly occurring abnormal hemoglobins like Hb S, Hb D, Hb E, Hb C, Hb Q-India	yes and other rare abnormal
	3. The system should have the provision of presumptive identification and quantification of Hb Barts and HbH for the easy detection of Alpha Thalassemia and various alpha chain variants like Hb J Meerut, etc.
1)Product Quality Standard certification 2)Product safety standard certification	1.The quoted model of the product should be "USFDA approved (having 510k/CFG)" AND "EU-CE approved as per Annex-III of IVD 98/79/EC Directive or latest".

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3)Manufacturer Standard	The manufacturer of the quoted product should have EN ISO 13485 certificate issued from a notified body OR ICMED 13485 (with or without plus) certificate issued from certification bodies accredited by NABCB OR ISO 13485 certificate issued from certification bodies accredited by NABCB/Nationally Recognized Accreditation Board under IAF MLA.
Safety standards	The quoted model should confirm to "IEC 61010" OR "IS/ ISO / IEC 60601 (Part 2)" OR "IS 13450 (Part 1)". Should mandatory conform to IEC 61010- 2-40 for the Safety requirements for electrical equipment for measurement, control, and laboratory use.
CDSCO Details	The quoted model of the medical device must be registered under CDSCO and submit the license to manufacture for sale or for distribution of the medical device.

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Semi Automated Urine Analyser (Q3 Category)	
Standards	
Certifications for the product	European CE
Certification number and date	GB95/4313 ; 02/06/2016
Conformity to quality management standards	ISO 9001 & ISO 13485
Conformity to electrical safety standards	IEC 61010-1, IEC 61010-2-081, IEC 61010-2-101 or BIS equivalent
Performance Parameters	
UMDNS Name and Code	SemiAutomated - 16-887
Clinical Purpose	Urine analyzers perform semiquantitative chemical analysis that determines parameters such as bilirubin, glucose, ketones, pH, protein, urobilinogen, nitrites, leukocyte esterase etc
Type of configuration	Benchtop
Type of loading	Single Strip
Working principle	Reflectance Photometry
Type of sample	Urine
Chemical Testing Parameters Available in the OEM Strips	Glucose, protein, pH, Specific gravity, Urobilinogen, Bilirubin, Ketones, Nitrites, Blood & Leucocytes, Microalbumin & Creatinine with ACR ratio
Throughput (Number of Sample) per hour	100
System Type	Open
Reagent type	Strip
Dry strip detection	Yes
Attached waste bin container	Yes
Availability of Quality control program in system	Yes
Calibration	Both Calibration strips and Automatic
Data Management and Display	
Type of user interface	Both manual and barcode reader
Type of barcode reader	External
Type of patient data entry	Alpha-numerical
Data memory (No of patients)	Should be >100
HIS/LIS Interface	RS232
Result and worklist transmission through LIS	Yes
Printer facility	Yes
Printer unit	Inbuilt
Printer type	thermal printer
Type of data management	Inbuilt system
Inbuilt Display	LCD
No of USB port	2
OEM is manufacturing liquid controls	Yes
Power Requirements	
Power supply	220 - 240 volts, single phase, 50 Hz
Online UPS provided	No
UPS Back up Time	30min
Type of battery	Any value
Operating temperature and humidity	Capable of operating continuously in ambient temperature of 25 to 25 deg C and relative humidity of 20 to 80% in ideal circumstances
Accessories , spare and consumables	
Number of Reagent Strips supplied with the analyser	500
OEM or Reseller should ensure the availability of the Consumables in the market for at least 5 years and a certificate to this effect from OEM to be given to buyer/consignee at time of supply of analyser	Yes
Miscellaneous Parameters	
Number of installations in Central /State/PSU Govt Hospitals (Hint: Seller should supply a performance certificate of the device to the buyer incase demanded after placement of order)	
OEM/Reseller (if supplied by reseller shall ensure uninterrupted availability of all spares for 10 years)	Yes
Availability of toll free facility for technical support maintained by OEM or authorized agencies	Yes

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During the warranty period it shall be ensured that all the break down calls are attended with in 24 hrs and the complete details of service agents / contact details should be furnished to buyer and consignee at time of supplies	Yes
User/Technical/Maintenance manuals to be supplied in English in hard and soft copy	Yes
Details of equipments and procedures required for local calibration and routine maintenance to be supplied and advanced maintenance task documentation also to be furnished	Yes
List of important spares and accessories, with their part numbers to be supplied to the buyer at the time of supplying the equipment	Yes
Installation and demonstration of equipment and training to be provided after completing supplies before acceptance	Yes
The Principal Manufacturer must have direct Presence/approved service center in India	Yes
Copies of reports and certifications to be furnished to buyer on demand at time of supplies	Yes
Calibration certificates as per NABH requirement to be provided	Yes
Warranty (Option of comprehensive warranty is available through bidding only, which if opted will supersede normal warranty in the catalogue)	3
Additional	Should be colored touch screen with standard size of 4.3" or more Touch screen TFT LCD.Should have CCD color image sensor (image capture) & three LED light source.
1)Product Quality Standard certification 2)Product safety standard certification	The quoted model should be "USFDA approved (Device listed with registration under valid FEI number /510k/CFG)" OR "EU-CE approved as per Annex-III of IVD 98/79/EC Directive or latest" OR "BIS certified conforming to the standard BIS specification/ guideline specifically for 'Urine Analyzer(Semi Automated)' and ISI marked with valid CML number."
3)Manufacturer Standard	The manufacturer of the quoted product should have EN ISO 13485 certificate issued from a notified body OR ICMED 13485 (with or without plus) certificate issued from certification bodies accredited by NABCB OR ISO 13485 certificate issued from certification bodies accredited by NABCB / Nationally Recognized Accreditation Board under IAF MLA.
Safety standards	The quoted model should conform to "IEC 61010" OR "IS/ ISO / IEC 80601 (Part 2)" OR "IS 13450 (Part 1)".Should mandatory conform to IEC 61010- 2-40 for the Safety requirements for electrical equipment for measurement, control, and laboratory use.
COSCO Details	The quoted model of the medical device must be registered under COSCO and submit the license to manufacture for sale or for distribution of the medical device.

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Autoclave	
Configuration	
Type	Vertical, Top loading cylindrical Autoclave machine for steam and pressure sterilization
Sterilizer chamber capacity in L (usable volume)	40 - 60 liter
Sterilizer Chamber Type	Circular
Steriliser chamber material	Outer wall made of mild steel, inside & lid with SS 304
Working Pressure of Chamber	15 pound per square inch
Type of Sterilizer Chamber Door	Heavy duty SS 304, Hinged door
Steriliser Chamber door Locking facility	Foot operated locking and unlocking radial system
Sterilizer Chamber door Operation:	Manual
Door sealing:	By elastomeric rubber gasket suitable to withstand temperature upto 140 degree C & pressure upto 20-30 psi
Type of control system available for Steriliser cycle operation:	Microprocessor based temperature controller with control accuracy $\pm 1.0^{\circ}\text{C}$
Power supply:	230 \pm 10 volt, 50 Hz
Audio- visual Alarm facility available for notifying:	Temperature sensor with range 100 $^{\circ}\text{C}$ to 300 $^{\circ}\text{C}$, unit should be provided with a low water alarm system as well as steam release valves and safety valves, Cut off automatically when the autoclave is dry
Working Temperature	121 degree Celsius
Resolution	0.1 $^{\circ}\text{C}$
Range of Pressure Gauge	21 pound per square inch
Controller:	Auto set to 15psi & 121 $^{\circ}\text{C}$
Overall Size	
Overall Height:	550 millimeter
Overall Diameter	350 millimeter
Accessories, Consumables & Warranty	
Accessories	Water level indicator, Water inlet & outlet valves, Automatic pressure control switch, Mechanical timer, Manual Water Filling & Removal, The unit having a wet heater fitted at the bottom and with capacity more than 4500 W with water capacity in litres more than 120 LT
Warranty (Option of comprehensive warranty is available through bidding only, which if opted will supersede normal warranty in the catalogue)	3 year
Quality and Certifications	
Compliance of Chamber	Chamber Pressure Equipment Directives (PED), EN 13445 norms
Quality Compliance available for quality systems	ISO 9001:2000, EN ISO 13485:2003, ISO 14001:2004
Compliance to certification (US FDA/CE certification will be accepted only when the Indian standards/certification like BIS/CDSO/AERB are not available)	CE

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Additional Technical Specification	
Safety warnings and alarms	A cycle should not start if the door is open or not properly locked. Low Temperature Warning: If the temperature stays below 121°C for more than 5 seconds. Over-Temperature automatic Cut-Off with audio visual alarm. Over-Pressure & Over Current automatic Cut Off with audio visual alarm.
	Outer and inner chamber made of stainless steel of SS 304 grade rust-free and corrosion resistance to water and steam Inner chamber made of at least 18 SWG SS Sheet Should have joint-less gasket. Triple walled cylindrical construction. Hydrostatically tested to withstand 2.5 times the working
Quality Standard	The quoted model should be "USFDA approved or "European CE certified (where EU-CE certificate should be in accordance to Pressure Equipment Directive (PED))"
Safety standards	Pressure test certificate confirming to IS 3829-3 (Pressure withstanding) from Government Labs / NABL accredited Labs which are accredited as per ISO17025 standard shall have to furnished in the technical bid.
Manufacturer Standard	The manufacturer should be ISO 13485 / ICMED 13485 certificate issued from certification bodies accredited by NABCB / Nationally Recognized Accreditation Board under IAF MLA.
Electrical Safety	The quoted model should confirm to "IEC 60601-1" or "IEC 61010" or "IS/ ISO / IEC 80601 (Part 2)" or "IS 13450 (Part 1)".
CDSCO	The quoted model of the medical device must be registered under CDSCO and submit the licence to manufacture for sale or for distribution of the medical device.

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Biosafety Cabinet

Standards	
Conformity to Certifications	CE
Certification number and date	C-GI-1001-1124
Conformity to Manufacturing Standards	ISO 9001 & ISO 13485
Conformity to Safety Standards	IEC 60601- or BIS equivalent
Performance Parameters:	
Purpose	Biological safety cabinets are used to precisely control ventilation to sweep airborne particles produced during routine microbiological procedures away from the user while maintaining a controlled environment for the specimen
Type of Configuration	Benchtop
Class of biosafety cabinet	CLASS II(A2 TYPE)
Type of air cleanliness class limits(air quality) in the working area	ISO 14644 - 1 and 2 (Class 100)
Noise level in dB	65
Nominal inflow velocity in feet per min with air volume @450 cube feet/min	1
Nominal down flow velocity in feet per min	1
Direction of air flow	Vertical
Type of air flow pattern	70% air recirculated through filter 30% air exhausted
Pressure Monitoring System with pressure drop	13-14 mm Hg pre fiber
Material used for working area	Stainless steel 316 grade
Material used for the cabinet area	Stainless steel 304 grade
Type of Sterilization used in the cabinet	UV Germicidal tube
Type of illumination used for working surface	The work surface should be illuminated with a fluorescent light which should be positioned at the front side.
Intensity of light in lux	≥ 900
Type of filter used for air supply and exhaust	HEPA (High efficiency particulate air)
Pre filter provided:	Yes
Filtration efficiency of HEPA filter	99.99% for 0.3 micron particles
Filtration efficiency of ULPA filter	≥99.9995%, @0.12micron particles
Maximum opening height of the sash (door) in mm (Put 0 if not applicable)	0
Width of the working area in feet	4ft and more
Depth of the working area in feet	2ft and more
Height of the working area in feet	2ft and more
Type of Display	LCD
Front door	clear, toughened sliding door of 5mm thickness
Type of power supply in VAC,Hz	230V ± 10V, 50Hz
Automatic airflow adjustment provided	Yes
Microprocessor control of air velocities in real time with display provided	Yes
UV Lamp provided	With separate switch
Control system for the choice of timed UV exposure provided	Yes
The exposure time of UV light to be controlled through timer (in mins)	5

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Casing	Epoxy coated CRCA frame	
Castors provided	Yes	
Leveling jacks provided	Yes	
Locking facility provided	Yes	
Corrosion proof interior design and easy clean	Yes	
Drain outlet with flexible hose	Yes	
Inside space to provide full length hanging with removable shelves for storage or smaller items	No	
Auto speed increase on the opening door for maintaining velocity	Yes	
The time range to be controlled by the control system for the choice of timed UV exposure (in mins)	NA	
Biosafety cabinet should have smooth interior and exterior	Yes	
Audio and visual alarms for HEPA filter failure	Yes	
Bio safety cabinet should have Provision for fitting taps	Taps for vacuum, water and non combustible gas	
Additional Accessories		
Magnehelic Gauge provided		1
Hepafilter		1
Number of UV Lamp	NA	
Gas burner		1
Miscellaneous Parameters		
User/Technical/Maintenance manuals to be supplied in English in hard and soft copy	Yes	
Installation, Demonstration and training to be provided at consignee end	Yes	
The Principal Manufacturer Must Have Direct Presence/approved service center In India	Yes	
Warranty (Option of comprehensive warranty is available through bidding only, which if opted will supersede normal warranty in the catalogue)		1
Calibration Certificates	As per NABH requirement	
Copies of all certifications and reports to be provided to buyer on demand at time of supplies	Yes	

Should be CE/USFDA/UL approved model.
Should comply with EN 61010/IEC 61010 towards Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use with particular requirement of Biosafety Cabinets.
Should comply with EN 12469:2000 or NSF ANSI 49 standards towards basic requirement for Microbiological safety cabinets.
Manufacturer should confirm to ISO 13485:2012 for Medical devices- Quality management systems.

Quality standard

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Microscopes - Pathological And Research As Per IS 4381, IS 5204, IS 4381, IS 5204 (Q3 Category)

CONFORMITY / TYPE / EYE PIECE - OBJECTIVE DETAILS	
Microscope Type	pathological binocular non hinged type with built in light and with light intensity regulator
Conformity to Indian Standard	Pathological IS:4381 latest
ISI MARKED	No
C/ML No (BIS License No)	12 100 55886/01 TMS
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	Plan Achromatic
Objective Magnification	10x,40 x,100X(Oil immersion)
Numerical Aperture of Objective	1.25
Type of lamp for illumination	LED
GENERIC	
Plano Concave mirror attachment	yes
Stage	Ractangular
Size of Stage	262mmX212mm
Coarse and Fine Movement of stage	yes
Co-axial focussing	Yes
Micrometer Arrangement	Yes
ACCESSORIES	
Extra eyepieces (inclusive in the scope of supply)	NA
Carrying case (inclusive in the scope of supply)	No
WARRANTY	
Warranty	2 year
CERTIFICATION	
Availability of Test Report from Central Govt/NABL/ILAC accredited lab to prove conformity to specification	Yes
Test Report No and Date	NA
Name and Address of the Lab	NA

Quality Standards

- 1) Should be CE/USFDA/BIS approved model.
- 2) Manufacturer should be ISO 13485 certified.



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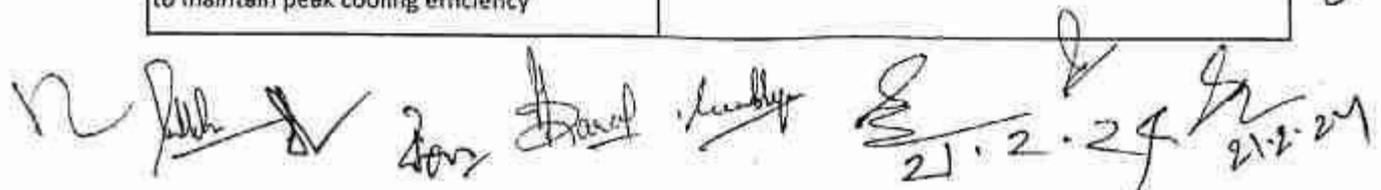
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Deep Freezer (-20 Degree)	
Standards	
Conformity to Standards	CE (with 4 digit notified number)
Certification date and number	CE-5078 08/02/2021
Conformity to electrical safety	IEC 61010-1, IEC 61010-2-40 or IS 13450
Performance Parameters	
Purpose	For storage of various biological products including ATCC cultures, enzymes, vaccines, chemicals or material testing components for a longer period of time
Capacity in liters	250-300
Type of cabinet	Vertical
Ground Clearance in mm	100 mm
Cooling type	Direct cooling / Forced Air Cooling
Freezer body	Galvanised steel body with tough powder coated exterior finish
Castors	Heavy duty lockable
Lockable outer doors and lids	Yes
Material of internal cabinet	SS
Freezer should use CFC-free, HCFC-free non flammable refrigerants	Yes
Refrigeration system must be energy efficient	Yes
Pull down time in hrs	5.2 hrs
Operating Temperature in degree celcius	minus 20 degree to minus 40 degree
Increment variation setting	1° C
Number of corrosion resistant racks	4
Control	Microprocessor Digital Electronic Controller Cum Indicator, PID Controller
Number of inner storage compartments with insulated doors and	4
Digital temperature display	Yes
Should have battery back up for the display and security lock for the display	Yes
Alarms	Audible and visible alarm system for unwanted temperature rise, sudden power failure, system failure and battery low
Noise level in dB	60
Energy consumption rate (@KWh/day)	As Applicable
Stabilizer should be capable to run any voltage between 190V - 270 V	Yes
Warranty of Stabilizer in Years	5 years
Warranty of Freezer in Years (from the date of installation)	3
Additional Parameters	
Freezer must have washable condenser filter indicator which should keep fins free of dust to maintain peak cooling efficiency	Yes

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One SKVA servo stabilizer to be supplied with freezer	Yes
CO ₂ cylinder should be supplied with freezer for backup	No
Temperature Chart recorder to be provided	Yes
Reports	
Manufacturer should have ISO certification	Yes
ISO certification date and number	ISO 9001:2015 and 29/10/2019
Copies of all certifications and reports to be provided to buyer on demand at time of supplies	Yes
Quality Standards	1) Should be CE/USFDA/BIS approved model. 2) Manufacturer should be ISO 13485 certified.
Conformity to electrical safety	IEC 61010-1, IEC 61010-2-40 or IS 13450

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