OFFICE OF THE CHIEF DISTRICT MEDICAL AND PUBLIC HEALTH OFFICER: GANJAM

CENTRAL STORE, BRAHAMAPUR

Letter No. 9483 ***/ CS/ 2023*** ***Brahmapur*** ***Dated.*** 6-07-23

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 07-08-2023 till 05.00PM by CDM&PHO, Ganjam, Brahmapur and the said tender will be opened on 08-08-2023 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 tenderterms 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 paisa 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 pricesand 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 Biders 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 casenot 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 Charted Accountant.(2019-20, 2020-21 & 2021-22)

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.

TRANINING & 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 inedible 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 / We …….having 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.	2019 - 2020	-
2.	2020 - 2021	-
3.	2021 - 2022	-

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.	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

Name :

Date :

Place :

Seal

ANNEXURE

(To be submitted in COVER B - PRICE BID)

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

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 Cost in Rs. (both in words & figures)	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)
					Applicable for selected items only			
(1)	**(2)**	**(3)**	**(4)**	**(5)**	**(6)**	**(7)**	**(8)**	**(9=5+6+7+8)**
					1st year: 2nd year: 3rd 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.

Description of goods:	Offered Price	Total

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

1. Insurance
2. Freight
3. Transportation
4. Customs duty / Excise duty/GST
5. Charges for documents, instructions manual, tools
6. F.O.R. at the destinations mentioned in the consignee list
7. Training to doctors & technicians.
8. Maintenance of the system includes all accessories supplied and their spare parts required during comprehensive warranty period of two year at free of cost from the date of successful installation and satisfactory functioning of the system at the site.

9. Installation and commissioning of the system by the Supplier's engineer at site.

10. Any other charges including loading & unloading, packing & forwarding etc. will be paid by the Supplier(s) till the completion of the installation and turnkey job if any.

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

TERMS AND CONDITIONS:-

PRICE :

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

TERMS FOR PAYMENT :-

A. The payment(s) shall be made by purchaser in Indian currencies No advance payments towards cost of Instruments and Equipment's etc. will be made to the tenderer. No payment will be made to the supplier if he has not deposited the unconditional performance security in shape of Bank draft amounting to 10% of the purchase order value which will be deposited in NPCDCS (SBI A/C No. 33880796933) with the warranty for 2 years agreement to the consignee.

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

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

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

TURNKEY JOB:

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

UP-TIME BALANCE :

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

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

Total working time per annum – 365 days x 24 hrs = 8760 hrs.
Up time guarantee - 0.95 x 8760 hrs. = 8322 hrs. per annum.
For 2 years warranty = 8322 x2 = 16644Hours

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

DOWNTIME PENALTY CLAUSE:

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

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

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

COMPREHENSSIVE MAINTENANCE CONTRACT:

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

INSTALLATION AND DEMONSTRATION :

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

TRAINING :

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

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.HO/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: Signature of the competent authority

Place: 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.

ANNEXURE-I

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 phospate 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 10 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. Amoxycillin 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. Amoxycillin 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 & Salbactum(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/Strip 10 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				

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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		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 Levocetrizine + Montelucast	60Ml	20 Bots / Box				
113		Tab. Levocetrizine + Montelucast	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	10 Tabs/Strip 10 Strips/box				
121	D09109	Amoxcillin 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				

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1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*
123	D09111	Tab. Amoxycillin Trihydrate (Dispersible Tablet) (Aluminium foil/Blister pack)	Equivalent to 125 mg/Tab of Amoxicillin	10 Tabs/Strip 10 Strips/box				
124	D09112	Inj. Amoxycillin + Clavunic Acid(with diluents in plastic container)	Amoxicillin 1gm + Clavunic Acid 200mg / Vial	1.2gm/Vial 20 Vials/Box				
125	D09113	Cap./Tab. Amoxycillin and Clavulanic Acid (Aluminium foil/Blister pack)	Amoxycilin Trihydrate 500mg + Clavulanic Acid 125mg / Cap.	10 Caps/Strip 10Strips/Box				
126		Syp. Amoxycillin + Clavunic Acid	Amoxycillin 125Mg + Clavunic Acid 5ML in powder form	30Ml/ Bot 20 Bot/ Box				
127	D09113	Cap./Tab. Amoxycillin and Clavulanic Acid (Aluminium foil/Blister pack)	Amoxycilin Trihydrate 500mg + Clavulanic Acid 125mg / Cap.	10 Caps/Strip 10Strips/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				

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1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*
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				
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. Metronindazole (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				

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1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*
163	D14010	Susp. Quinine Sulphate (With Measuring Cap&Palatable,plastic container as per I.P)	150 mg/5 ml	60ml/Bottle 20 Bottles/Box				
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 Bi-carbonate 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				

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*
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				
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 contaions 100mg of Ferrous Sulphate and 0.5 mg of Folic Acid	100ml/Bottle 20 Bottles/Box				

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1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*
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				
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 (Intravenus 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				

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1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*
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				
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				

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1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*
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				
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				

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1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*
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				
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				

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1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*
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				
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		Inj. Hepatitis B Vaccine		5ml/Vial 20 Vials/Box				
15. Category: Opthalmological/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				

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1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*
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				
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 Progestrone	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 salabutomol/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 10 Bottles/Box				
290	D28013	Salbutamol Inhaler, 200 metered doses	100 mcg/puff	Each 5 Each				
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 10 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 10 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 10 Bottles/Box				

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1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*
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				
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 0.031gm. (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 (Alluminium 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 Eemental 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				

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1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*
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								
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 than 10 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/Than 10 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 Than 10 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	Each 10 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/Bottle 20 Bottles/Box				
321	D31027	Gentian Violet	Liquid with preservative	10ml / Bottle 20 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				

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1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*
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				
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				

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*
340	S01081	Polyglactin	Size:- 4-0, 1/2 Circle Round Bodied 20mm (Needle) U.S.P, with CE certification	12 Foils/Box				
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				

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1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*
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				
352	S02024	Foleys Urinary Catheter	Size: 16 & 18, Silkolatex (Pre - sterile) 2 way sterile, Non - toxic with CE certification	In Nos (Each)				
353	S02025	Foleys Urinary Catheter	Size: 16 & 19, Silkolatex (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", 61/2", 7", 71/2", 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				

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1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*
361	S02051	Umbilical cord clamp / Vascular clamp (sterilised)	-	Each				
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 no-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 coaded as per ISO Standard)	Each				
375		Oint Methyl Salicylate	Menthol-6%, Methyl Salicylate-14%	500 Gm/ Jar 20 Jar/ Box				

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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"	150 Films/Pkt 1 Pkt				
381		Digital X-Ray Photo Film (CARESTREAM)	10" x 12"	150 Films/Pkt 1 Pkt				
382		Digital X-Ray Photo Film (CARESTREAM)	14" x 17"	150 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 Adhessive 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)	˥ ISO & CE Certified Company. ˥ Single hand operation. ˥ Needle Range- 18G to 26G with length 0.5" to 1.5". ˥ Burning Time – 2 Sec. ˥ Burning Temperature- 800-900 Degree Centigrade. ˥ Functional Efficiency should be above 2000 needles can be burnt into one electrical unit per day. ˥ Dimension – 125mm X 100mm X 150mm. ˥ Weight – 2.8 KG (should be handy). ˥ In put Voltage – 220 V to 230 V. ˥ Ample space inside the needle destroyer for cleaning the electrodes. ˥ For Syringe destruction – Using 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	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		X-Ray Cassette with intensifying Screen	15" 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*
412		X-Ray Cassette with intensifying Screen	12” x 12”	Each				
413		X-Ray Cassette with intensifying Screen	12” x 10”	Each				
414		X-Ray Cassette with intensifying Screen	10” x 8”	Each				
415		Digital X-Ray Cassette (Fuji)	8" x 10"	Each				
416		Digital X-Ray Cassette (Fuji)	10" x 12"	Each				
417		Digital X-Ray Cassette (Fuji)	14" x 17"	Each				
418		Multi Wing Lead Barriers for X-Ray Machine with Stand	6 Feet	Each				
419		Hanger Channel Type	15” x 12”	Each				
420		Hanger Channel Type	12” x 12”	Each				
421		Hanger Channel Type	12” x 10”	Each				
422		Hanger Channel Type	10” x 8”	Each				
423		Clips for X-Ray Films		Each				
424		Stainless Stee Tank		Each				
425		Lead Apron		Each				
426		X-Ray View Box		Each				
427		ECG Paper		Each				
428		Tab. Vildagliptin	50mg	10 Tabs/ Strip				
429		Tab. Gliclazide	40 Mg	10 Tabs/ Strip				
430		Tab. Gliclazide	80 Mg	10 Tabs/ Strip				
431		Tab. Rosuvastatin	5 Mg	10 Tabs/ Strip				
432		Tab. Rosuvastatin	10 Mg	10 Tabs/ Strip				
433		Tab. Rosuvastatin	20 Mg	10 Tabs/ Strip				
434		Tab. Olmesartan	20 Mg	10 Tabs/ Strip				
435		Tab. Olmesartan	40 Mg	10 Tabs/ Strip				
436		Tab. Azilisartan	40 Mg	10 Tabs/ Strip				
437		Tab. Azilisartan	80 Mg	10 Tabs/ Strip				
438		Tab. Ramipril	2.5Mg	10 Tabs/ Strip				
439		Tab. Ramipril	5 Mg	10 Tabs/ Strip				
440		Tab. Ramipril	10 Mg	10 Tabs/ Strip				
441		Tab. Lisinopril	5 Mg	10 Tabs/ Strip				
442		Tab. Prazacin	2.5Mg	10 Tabs/ Strip				
443		Tab. Prazacin	5 Mg	10 Tabs/ Strip				
444		Tab. Torsemide	5 Mg	10 Tabs/ Strip				
445		Tab. Torsemide	10 Mg	10 Tabs/ Strip				
446		Tab. Torsemide	20 Mg	10 Tabs/ Strip				

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1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*
447		Tab. Torsemide	100 Mg	10 Tabs/ Strip				
448		Tab. Donepezil	5 Mg	10 Tabs/ Strip				
449		Tab. Donepezil	10 Mg	10 Tabs/ Strip				
450		Tab. Carmibrazole	5 Mg	10 Tabs/ Strip				
451		Tab. Carmibrazole	10 Mg	10 Tabs/ Strip				
452		Tab. Thyroxine Sodium	25 Mcg	10 Tabs/ Strip				
453		Tab. Thyroxine Sodium	50Mcg	10 Tabs/ Strip				
454		Tab. Thyroxine Sodium	100 Mcg	10 Tabs/ Strip				
455		Tab. Teleniglipin	20 Mg	10 Tabs/ Strip				
456		Tab. Glyceriletrinitrate	2.6Mg	10 Tabs/ Strip				
457		Surgical Blade	Size-11	Each				
458		Surgical Blade	Size-15	Each				
459		Disposable Syringee	20Ml	Each				
460		Fusidic Acid skin Ointment	10Gm	Each				
461		Suture Prolone	3.0 for hand circle/curve cutting needle	Each				
462		Suture Prolone	2.0 for hand circle/curve cutting needle	Each				
463		Suture Prolone	4.0 for hand circle/curve cutting needle	Each				
464		POP Roll	10 CM	Each				
465		POP Roll	15 CM	Each				
466		Crape Bandage	7.5CM	Each				
467		Crape Bandage	8CM	Each				
468		Crape Bandage	10CM	Each				
469		Cloramphnicol Eye Applicap	-	Each				
470		Jellonet	-	Each				
471		Inj. Fortwin	-	Each				
472		Inj. Phenargon	-	Each				
473		Inj. Xilocan Addrenaline	-	Each				

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1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*
474		Hydrochloride Cough Syrup	200 Ml/ Bot	Each				
475		Disposable Needle	23 G	Each				
476		Disposable Needle	26 G	Each				
477		Stitch 10-0 (double needle)		Each				
478		Inj. Xylone 4% (Topical)	30 Ml/ Vial	Each				
479		Inj. Hyalurtonidase	1 Ml/Vial	Each				
480		Inj. Bupivacaine 0.5%	20Ml/ Vial	Each				
481		Inj. Pilocarpin	1Ml/ Vial	Each				
482		VISCO Elastic	5Ml/ Vial	Each				
483		VISCO Elastic	3Ml/ Vial	Each				
484		Isotmic Balanced salt Solution	250Ml/ Bot	Each				
485		Isotmic Balanced salt Solution	500Ml/ Bot	Each				
486		Trypan Blue	1Ml/ Vial	Each				
487		Tab. Acetazolamide	250Mg	10 Tabs				
488		Tab. Formaloine	-	10 Tabs				
489		Moxifloxacin Eye Drop	5Ml/ Ph	Each				
490		Ofloxacin + Dexamethasone with steriod Eye Drop	5 Ml/ Ph	Each				
491		Homatropin Eye Drop	5 Ml/ Ph	Each				
492		Cyclopentolate Eye Drop	5 Ml/ Ph	Each				
493		Timololmaliate Eye Drop	5 Ml/ Ph	Each				
494		Chlorohexadine Gluconate cetrimide & isopropyl alcohol solution	250 Ml/ Bot	Each				
495		Chlorohexadine Gluconate cetrimide & isopropyl alcohol solution liquid soap	-	Each				
496		Kerotom-Blade	2.6	Each				
497		Enlarge -Blade	2.8	Each				
498		Cresent-Blade	2.5	Each				

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1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*
499		Side Port-Blade		Each				
500		IOL (Intra Ocular Lens) (EO Sterile)		Each				
501		Dark Spectacle for Cataract Surgery Patients	-	Each				
502		Cotton Swab Stick	-	100 Nos. Packet				
503		Tab. Aceclofenac + Tab. Paracetamol	10Mg + 650Mg	Each				
504		Syp. Nevirapiene	Bottle	Each				
505	D28017	Tab. Doxofylline (Aluminium foil/Blister pack)	400mg/Tab.	10 Tabs/Strip 10 Strips/Box				
506	D21020	Susp. Domperidone (With Measuring Cap & Dropper, Palatable) (plastic container as per I.P)	1 mg/ml	20 Bot/ Box				
507		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				
508		Indelible Marker Pen	Usable for minimum impressions on 250 children under Pulse Polio Programme. The impression put on the finger of children should last at least 7days from the day of marking. 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. The indelible marker pens should be reliable, non-toxic and safe for use on children for finger marking. Colour: Violet, later on with time it should become black. Type of ink should be florescent water based. Line width should be minimum 2mm. It should produce instant impression on the nail as well as on the skin.	Each				

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1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*
509		Anaphylaxis Kit (Each Kit contains):	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) 3 Inj Adrenaline 3nos. Strength (1:1000) Quantity: 1Ml 4 Insuline Syringe 3nos. Syringe should contains 40Unit without fixed needle 5 Needle 3nos. 24/25G of one inch length 6 Cotton Swab 3nos. High absorbing ability, Sterilized, available in air tight packing, 100% Pure Cotton, White in colour, Minimum weight 10gm 7 Dose Chart, Symptoms Hand outs, Certification copy 01no each A4 Size 70-80 GSM Paper with both side printing	Each Kit				
510		Sanitizer Sprayer (Empty Bottle)	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%. Note: Isopropyl alcohol 70% should not causing skin irritation or allergies Colour: Transparent white. Puncturing proof. 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)	Each				
511		AEFI Kit	1. Plastic Box 01nos made up of thermoplastic Plastic with lid. Box should be labelled as ″AEFI KIT″ on top in bold letters. 2. Inj. Adrenaline 3 Nos. Strength (1:1000) 3. Insulin Syringe 3 Nos. Syringe should contains 40Unit without fixed needle 4. Cotton 5. Inj. Dexamethasone Sodium Phosphate 2 ml/Amp 6. Tab. Paracetamol 500Mg-1 Strip 7. Intravenous Set (IV Set) (Adult) 8. Intra Cath (IV Cannula) (Adult) 9. Micropore 10. Inj. NS, RL & D5%.	Each Kit				
512		Vial Opener	-	Each				
513		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				
514		Stainless steel Table	Length- 8ft, Height- 2ft 3Inch, Width- 2ft 3Inch GRADE:- 304, 18Gauge, smooth surface sheet Approximate Weight- 28Kg (Minimum)	Each				

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1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*
515		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				
516		Plastic Tub	30 Liter					
517		Plastic Mug	1 Liter					
518		Needle	24/25G of one inch length	Each				
519		Dose Chart, Symptoms Hand outs, Certification copy	A4 Size 70-80 GSM Paper with both side printing	Each				
520		Tab. Formaline	-	10 Tabs/ Strip				
521		Tab. Ascorbic acid 500mg + Vitamine D3 400IU + zinc150mg	-	10 Tabs/Strip 10 Strips/Box				
522		Tab. Diclofenac 50mg + Paracetamol 325mg	-	10 Tabs/Strip 10 Strips/Box				
523		Tab. Vitamine D3 60000 I.U.	-	10 Tabs/Strip 10 Strips/Box				
524		Tab. Norfloxacin 500mg + Metronidazole 400mg + LB	-	10 Tabs/Strip 10 Strips/Box				
525		INH 100Mg	Each Isoniazid Tablet should contain Isoniaz id IP 75 mg. Tablets should conform to the requireme nts of IP.	10 Tabs/ Strip				
526		INH 300Mg	Each Isoniazid Tablet should contain Isoniazed IP 300 mg. Tablets should conform to the requirements of IP.	10 Tabs/ Strip				
527		INH 75 Mg	Each Isoniazid Tablet should contain Isoniazed IP 75 mg. Tablets should conform to the requirements of IP.	10 Tabs/ Strip				
528		Polyamide Surture	10-0	12 Foils/Box				
529								
530		Tab. Clofazimine	100Mg	10 Tabs/ Strip				

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1	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*
531		Tab. Clofazimine	50Mg	10 Tabs/ Strip				
532		Tab. Pyrazinamid	750Mg	10 Tabs/ Strip				
533		Tab. Ethambutol	400mg/Tab.	10 Tabs/ Strip				
534		Tab. Isoniazid	100 Mg	10 Tabs/ Strip				
535		Tab. Isoniazid	300 Mg	10 Tabs/ Strip				
536		Tab. Isoniazid	75 Mg	10 Tabs/ Strip				
537		Cap. Rifampcin	150 Mg	10 Tabs/ Strip				
538		Cap. Rifampcin	300 Mg	10 Tabs/ Strip				
539		Cap. Rifampcin	450 Mg	10 Tabs/ Strip				
540		Tab. Moxifloxacin	400 mg/Tab	10 Tabs/ Strip				
541		Inj. Enoxaparin	60Mg	Each Amp				
542		Nasal Cannula with Mask	Adult	Each				
543		Nasal Cannula with Mask	Child	Each				
544		Budesonide Nebuliser Solution	-	Each				
545		Nebuliser Mask	-	Each				
546		Tab. Cilostazole	50Mg	10 Tabs/ Strip				
547		Patassium Permanganate	100Gm	Pkt				
548		Solution Disodium Hydrogen Citrate	1.38Gm-1.5Gm/ 5Ml	Bot				
549		Clindamycin Ointment	1% w/v	Tube				

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*
550		Solution Salbutamol Sulphate for Nebulizer	5Mg/ Ml	Ph.				
551		Plaster of paris Bandage - calcium sulphate content more then 85% (Gypsona)	4"	Each				
552		Plaster of paris Bandage - calcium sulphate content more then 85% (Gypsona)	6"	Each				
553		Blood Collection Bag CPD-A1	350 Ml	Each				
554		Haemocogulase drops		20 Bots / Box				
555		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				
556		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				
557		Salbutamol Inhaler, 200 metered doses	100 mcg/puff	Each				
558		Stainless Stee Tank		Each				
559		Hydrochloride Cough Syrup	200 Ml/ Bot	Each				
560		Dose Chart, Symptoms Hand outs, Certification copy	A4 Size 70-80 GSM Paper with both side printing	Each				
561		Tab. Norfloxacin 500mg + Metronidazole 400mg + LB	-	10 Tabs/Strip 10 Strips/Box				
562		Disposable Syringe	0.5Ml	Each				
563	S02264	Disposable Syringe	1ML	Each				
564		Schiotz Tonometer with 3 Weights and Plunger for IOP	Size-9 x 19 x 4 cm; 200 Grams	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*
565		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″ × W 9″	Each Piece				
566		Zipper bag	Transparent with ZIP lock, Size: H 8″ × W 6″, Minimum thickness of 60 micron	Each				
567		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				
568	D22012	Inj. Human Premixed Insulin	(30/70) - 40 units/ml (Biphasic, 30/70)	Each				
569	D22009	Inj. Human Premixed Insulin(50/50)	40 units/ml (Biphasic, 50/50)	Each				
570	D22002	Inj. Human Soluble Insulin	40 I.U/ml	Each				
571		Digital X-Ray Photo Film (FUJI)	8" x 10"	150 Films/Pkt 1 Pkt				
572		Digital X-Ray Photo Film (FUJI)	10" x 12"	150 Films/Pkt 1 Pkt				
573		Digital X-Ray Photo Film (FUJI)	14" x 17"	150 Films/Pkt 1 Pkt				
574		Digital X-Ray Cassette (CARESTREAM)	8" x 10"	Each				
575		Digital X-Ray Cassette (CARESTREAM)	10" x 12"	Each				
576		Digital X-Ray Cassette (CARESTREAM)	14" x 17"	Each				
577		Tab. Levofloxacin	250 Mg	10 Tabs/Strip 10 Strips/box				
578		Tab. Levofloxacin	750 Mg	10 Tabs/Strip 10 Strips/box				
579		Tab. Pyrazinamid	500Mg	10 Tabs/Strip 10 Strips/box				
580		Tab. Pyrazinamid	150 Mg	10 Tabs/Strip 10 Strips/box				
581		Tab. Pyridoxin	100 Mg	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*
582		Tab. Pyridoxin	50 Mg	10 Tabs/Strip 10 Strips/box				
583	D09148	Tab. Cefixime + Clavulanic Acid (Aluminium foil or Blister pack) -	Cefixime Trihydrate 200mg Clavulanic Acid 125mg	10 Tabs/Strip 10 Strips/box				
584	D09116	Inj. Ceftriaxone + Salbactum(with diluents in plastic container)	Ceftriaxone 1gm + Salbactum 500mg / vial	20 Vials/Box				
585		Cap./Tab. Amoxycillin and Potassium Clavulnate (Aluminium foil/Blister pack)	1000 Mg	10 Caps/Strip 10Strips/Box				
586		Tab. Cycloserine	250Mg	10 Caps/Strip 10Strips/Box				
587		Tab. Ethambutol	100 Mg	10 Caps/Strip 10Strips/Box				
588		Tab. Ethambutol	200 Mg	10 Caps/Strip 10Strips/Box				
589		Tab. Ethambutol	400Mg	10 Caps/Strip 10Strips/Box				
590		Tab. Ethambutol	800Mg	10 Caps/Strip 10Strips/Box				
591		Tab. Ethionamide	150 Mg	10 Caps/Strip 10Strips/Box				
592		Tab. Ethionamide	250Mg	10 Caps/Strip 10Strips/Box				
593		Inj. Kanamycin	1 Gm	20 Vials/Box				
594	D04043	Tab. Paracetamol Kid (Scored Disp. Tab.) (Aluminium foil/Blister pack)	125 mg/ Tab	10Tabs/Strip 10 Strips/Box				
595	D02007	Lignocaine Hydrochloride gel	2 - 30gm/Tube	20 Tube / Box				
596	D04048	Tab. Tramadol Hydrochloride (Coated) (Aluminium foil/Blister pack)	50 Mg	10Tabs/Strip 10 Strips/Box				
597	D05025	Inj. Noradrenaline	1mg/ml	20 Amp/ Box				
598	D09150	Tab. Cefuroxime Axetil (Aluminium foil/Blister pack)	500 mg/Tab	10Tabs/Strip 10 Strips/Box				
599	D17037	Tab. Metoprolol Tartarate (Alluminium Foil/ Blister Pack)	25 mg/Tab	10Tabs/Strip 10 Strips/Box				
600	D17051	Tab. Losartan Potassium(Aluminium foil/Blister pack)	50 mg/Tab	10Tabs/Strip 10 Strips/Box				
601	D18029	Clobetasol Propionate Ointment/ Cream	0.05 percentage w/w, 0.05 percentage w/w	20 Tube / Box				
602	D18044	Gammabenzene Hexachloride + Benzocaine	Gammabenzene Hexachloride 1 percentage + Benzocaine 2 percentage	20 Bots / 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*
603	D21038	Ondansetron Oral Solution	(Palatable, with measuring cap and plastic container/Glass Bottles as per I.P) - 2 mg/5ml	20 Bots / Box				
604	D25045	Xylometazoline Nasal Drop	0.1 percentage w/v (FFS / BFS Plastic Container)	20 Ph/ Box				
605	D25050	Xylometazoline Nasal Drop	0.05 percentage w/v (FFS / BFS Plastic Container)	20 Ph/ Box				
606	D25056	Carboxymethyl Cellulose Eye drop	0.5 percentage w/v	20 Ph/ Box				
607	D25073	Gatifloxacin Eye drop	0.3 percentage w/v; 5ml vial	20 Ph/ Box				
608	D25077	Oxymetazoline Nasal Drop	0.5mg/ml	20 Ph/ Box				
609	D26017	Cap. Micronised Progesteron (Aluminium Foil/Blister pack),	200mg/Cap.	10Tabs/Strip 10 Strips/Box				
610	D26015	Tab. Isoxsuprine SR (Aluminium Foil/Blister Pack), (Sustended Release Tablet)	40 mg/Tab	10Tabs/Strip 10 Strips/Box				
611	D28014	Beclomethasone Inhaler200 metered doses	200mcg / dose	Each				
612	D29014	Dextrose 25 percentage (D25)	25 percentage w/v	20 Bots / Box				
613	D29016	Multi Electrolyte Infusion (FFS Plastic Container)	in 50 Dextrose	20 Bots / Box				
614	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				
615	D30042	Tab. Methylcobalamin (Aluminium foil/Blister pack)	1500 mcg/Tab.	10Tabs/Strip 10 Strips/Box				
616	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				
617	D30045	Tab. Gabapentin (Aluminium foil/Blister pack)	100mg/Tab.	10Tabs/Strip 10 Strips/Box				
618	D40005	Tab. Rifaximin (Aluminium foil/Blister pack)	200mg/Tab.	10Tabs/Strip 10 Strips/Box				
619	D40008	Tab. Rifaximin (Aluminium foil/Blister pack)	400 mg/Tab.	10Tabs/Strip 10 Strips/Box				
620	D17020	Tab. Methyl Dopa (coated) (Alluminium Foil/ Blister Pack)	250 mg of anhydrous Methyldopa/Tab	10Tabs/Strip 10 Strips/Box				
621	D24011	Inj. Succinyl Choline Chloride	50 mg/ml	20 Amp/ Box				
622	D24006	Inj. Neostigmine Methylsulphate	0.5 mg/ml	20 Amp/ 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	Cap. Nifedipine	10 mg	10 Caps				
2	Cap. Nifedipine	20 mg	10 Caps				
3	Tab Carbamazepine	200 mg	10 Tabs				
4	Tab Carbamazepine	400 mg	10 Tabs				
5	Biphasic insulin aspart 30/70 (BIAsp 30)	Each	Each				
6	Budesonide respules	Each	Each				
7	Cap. L-Ornithine	500Mg	10 Caps				
8	Cap. Promethazine	25 Mg	10 Caps				
9	Diazepam	Inj	Each				
10	Diazepam	5 mg Tab.	Each				
11	Inheler budesonide	100	Each				
12	Inheler budesonide	200	Each				
13	Inheler salmeterol + fluticasone	Each	Each				
14	Inj Insuline Aspirate	Each	Each				
15	Inj Insuline Premix 30	Vial	Each				
16	Inj Insuline Premix 30	Catridge	Each				
17	Inj Insuline Premix 50	Vial	Each				
18	Inj Insuline Premix 50	Catridge	Each				
19	Inj. Enoxaparin Sodium	60Mg	Each				
20	Inj. Human Premixed Insulin(30/70)	40 units/ml 10Ml/ Vial	Each				
21	Inj. Human Premixed Insulin(50/50)	40 units/ml 10Ml/ Vial	Each				
22	Inj. Phenytoin Sodium	100 mg	Each				
23	Inj.Adrenaline	1mg/ml (1:1000)	Each				
24	Inj.Aminophylline	250Mg 10Ml/ Amp	Each				
25	Inj.Atropine Sulphate	0.6 mg/ml	Each				
26	Inj.Dexamethasone	2 mg vial	Each				
27	Inj.Dopamine	40 mg/ml	Each				
28	Inj.Insulin Regular	Each	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.)
29	Inj.Lomoh 6000 IU	Each	Each				
30	Inj.Lorazepam	2Mg/ Ml 10Ml Vial	Each				
31	Inj.Mephentermine	15Mg/ Ml 5Ml/ Vial	Each				
32	Inj.Mephentine	Each	Each				
33	Insulin intermediate	Each	Each				
34	Promethazine	Tab. 12.5 mg	10 Tabs				
35	Promethazine	Tab. 50 mg	10 Tabs				
36	Promethazine	Syrup 6.25 mg / 5 ml	Each				
37	Promethazine	Inj	Each				
38	Salbutamol + ipratropium respule	Each	Each				
39	Syp. Carbamazepine	100Mg/ 5Ml	Each				
40	Syp. Promethazine	5Mg/ 5Ml 60Ml Bot	Each				
41	Tab Amlodipine	5 mg	10 Tabs				
42	Tab Amlodipine	10 mg	10 Tabs				
43	Tab Asprin	75 mg	10 Tabs				
44	Tab Asprin	150 mg	10 Tabs				
45	Tab Chlorthalidone	12.5 mg	10 Tabs				
46	Tab Digoxin	0.25Mg	10 Tabs				
47	Tab Hydrochlorthiazide	12.5 mg	10 Tabs				
48	Tab Metoprolol	25 mg	10 Tabs				
49	Tab Metoprolol	50 mg	10 Tabs				
50	Tab. Acebrophylline	300 mg	10 Tabs				
51	Tab. Atorvastatin	10 mg	10 Tabs				
52	Tab. Atorvastatin	20 mg	10 Tabs				
53	Tab. Atorvastatin	40 mg	10 Tabs				
54	Tab. Carbamazepine	400Mg	10 Tabs				
55	Tab. Carbidopa + Levodopa	Carbidopa 25Mg + Levodopa	10 Tabs				
56	Tab. Carbimazole	5 mg	10 Tabs				
57	Tab. Carbimazole	10 mg	10 Tabs				
58	Tab. Carbimazole	15 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. Diazepam	5Mg	10 Tabs				
60	Tab. Empagliflozin	10 mg	10 Tabs				
61	Tab. Empagliflozin	25 mg	10 Tabs				
62	Tab. Folic acid	1 mg	10 Tabs				
63	Tab. Folic acid	5 mg	10 Tabs				
64	Tab. Gliclazide	80Mg	10 Tabs				
65	Tab. Glucosamine	500Mg	10 Tabs				
66	Tab. Glyclazide	80 mg	10 Tabs				
67	Tab. Hydroxychloroquine Sulfate	200Mg	10 Tabs				
68	Tab. Isosarbide Monotritrate	20 mg	10 Tabs				
69	Tab. Labetolol	100 mg	10 Tabs				
70	Tab. Levetiracatan	250 mg	10 Tabs				
71	Tab. Levetiracatan	500 mg	10 Tabs				
72	Tab. Levo Thyroxin	25	10 Tabs				
73	Tab. Levo Thyroxin	50	10 Tabs				
74	Tab. Levo Thyroxin	100	10 Tabs				
75	Tab. Methotrexate	2.5Mg	10 Tabs				
76	Tab. Nifedipine	10 mg	10 Tabs				
77	Tab. Nifedipine	20 mg	10 Tabs				
78	Tab. Olmesartan	40 mg	10 Tabs				
79	Tab. Orceprenaline 10	10 mg	10 Tabs				
80	Tab. Phenytoin Sodium	100 mg	10 Tabs				
81	Tab. Promethazine	10 Mg	10 Tabs				
82	Tab. Rosuvastatin	5 mg	10 Tabs				
83	Tab. Rosuvastatin	10 mg	10 Tabs				
84	Tab. Silymarin	200 mg	10 Tabs				
85	Tab. Silymarin	70 Mg	10 Tabs				
86	Tab. Sulfasalazine	500Mg	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.)
87	Tab. Tamoxifen	20Mg	10 Tabs				
88	Tab. Telmisartan	20 mg	10 Tabs				
89	Tab. Telmisartan	40 mg	10 Tabs				
90	Tab. Teneligliptin	20 mg	10 Tabs				
91	Tab. Ursodeoxy cholic acid		10 Tabs				
92	Tab. Verapamil (Isoptin)	80 mg	10 Tabs				
93	Tab. Verapamil (Isoptin)	120 mg	10 Tabs				
94	Tab. Verapamil (Isoptin)	300 mg	10 Tabs				
95	Tab. Verapamil(Isoptin)	80Mg	10 Tabs				
96	Tab. Vildagliptin	50 mg	10 Tabs				
97	Tab. Voglibose	0.2 mg	10 Tabs				
98	Tab. Voglibose	0.3 mg	10 Tabs				
99	Tab.Bisoprolol	5 mg	10 Tabs				
100	Tab.Bisoprolol	10 mg	10 Tabs				
101	Tab.Cilindipine	10 mg	10 Tabs				
102	Tab.Cilindipine	20 mg	10 Tabs				
103	Tab.Clopidogrel	75 mg	10 Tabs				
104	Tab.Clopidogrel	150 mg	10 Tabs				
105	Tab.Deflozacort	6 mg	10 Tabs				
106	Tab.Deflozacort	12 mg	10 Tabs				
107	Tab.Deflozacort	24 mg	10 Tabs				
108	Tab.Enalapril	2.5 mg	10 Tabs				
109	Tab.Enalapril	5 mg	10 Tabs				
110	Tab.Frusemide	40 mg	10 Tabs				
111	Tab.Glimepride	1 mg	10 Tabs				
112	Tab.Glimepride	2 mg	10 Tabs				
113	Tab.Isosorbide Dinitrate (Sorbitrate)	5 mg	10 Tabs				
114	Tab.Isosorbide Dinitrate(Sorbitrate)	5Mg	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.)
115	Tab.Metformin	500 mg	10 Tabs				
116	Tab.Metformin	750 mg	10 Tabs				
117	Tab.Methyldopa	250 mg	10 Tabs				
118	Tab.Methyldopa	500 mg	10 Tabs				
119	Tab.Olmesartan	10Mg	10 Tabs				
120	Tab.ROSUVASTATIN	5 mg	10 Tabs				
121	Tab.ROSUVASTATIN	10 mg	10 Tabs				
122	Tab.Syndopa	110 mg	10 Tabs				
123	Tab.Syndopa plus	110 mg	10 Tabs				
124	Tab.Torsemide	10 mg	10 Tabs				
125	Tab.Torsemide	20 mg	10 Tabs				
126	Tab.Ursodeoxy cholic acid	150Mg	10 Tabs				
127	Tab.Valproic acid	200 mg	10 Tabs				
128	Tab.Valproic acid	300 mg	10 Tabs				

Tobaco Control

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

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				

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.)
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				
17	Syp. Risperidone	1Mg/ Ml	Each				
18	Syp. Sodium Valporate	200Mg/ Ml	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. Fluphenthixol + 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				
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				

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.)
63	Tab. Lurasidone	40Mg	10 Tabs				
64	Tab. Mamentine	5Mg	10 Tabs				
65	Tab. Melatonine	3Mg	10 Tabs				
66	Tab. Methyl Phenydate	5Mg	10 Tabs				
67	Tab. Metoprolol	25 mg	10 Tabs				
68	Tab. Mitrazapine	15Mg	10 Tabs				
69	Tab. Modafinil	100Mg	10 Tabs				
70	Tab. Naltreaxon	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. Resperidone	2Mg	10 Tabs				
83	Tab. Resperidone	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. Trifluperazine + Trihexyphenid	5 Mg + 2Mg	10 Tabs				
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.Torsemide	10 mg	10 Tabs				
106	Tab.Varenicline Tartrate (1 course 12 weeks)	1Mg	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)					

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*
26	E.D.T.A. Powder (500 gm)					
27	Barium Chloride (500gm)					
28	Blood Collecting Container (5 Ml)					
29	Eosin Powder (25gm/Bott)					
30	Mantoux Test (10 T.U.)					
31	Sulfuric Acid (500 ml)					
32	Benzedine Powder					
33	Glass Rod (24”)					
34	Dropping Bottle 100Ml					
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 (500Ml)					
45	Binocular Microscope Bulb (6 Volt, 20 Watt, G4, Type : 7388, Projection Halogen Lamp)					
46	C-Reactive Protin (CRP)Test Kit					
47	Anisol Oil 500Ml					
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')					

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*
50	Sodium Hypochloride Solution (2%)					
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 20000Ml for CBC Test					
61	Lyser 10000Ml for CBC Test					
62	NS 1 Reagents					
63	Basic Fushin Powder 25Gm					
64	Conical Flask (500Ml)					
65	Graduated Measuring Cylinder (100Ml)					
66	Phenol 50ML					
67	Ethanol 500ML					
68	Methanol 500Ml					
69	Para Film					
70	Oxalic Acid 500Ml					
71	Auramin O (Cl-410000 for Die Microscope)					
72	Acetone Alcohol					
73	Saffranine					
74	Formaldehyde Free surface, Instrument, environment disinfectant Fogging)					

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*
75	Highly concentrated cleansing agent for medical instruments, endoscopes, surfaces					
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_2S 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)					

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*
96	Sulpholyser 5000Ml					
97	Stomatolyser 5000Ml					
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: C6H5OH ii. Molecular Weight: 94.11 iii. Melting Point: 400C+/-2, iv. Purity:99.5%)					
104	SULPHURIC ACID (i. Chemical Structure: H2SO4 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: C16H18CIN3S iii. Molecular Weight: 319.9 iv. Dye content: Should be available on the container. Approximately 82%					
106	ETHANOL (C2H5OH 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: C20H20ClN3 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% (500Ml/ 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) = Eve n 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 50Ml					
	Stromatolyser (WH)					
123	Sulpholyser 5000Ml					
124	Stomatolyser 5000Ml					
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					
135	Glucose Kit (AGD Kinetic) (1*500)Ml					
136	Urea Kit (AGD Kinetic) (1*50)Ml					
137	Kinetic Creatinine Kit (AGD Kinetic) (2*100)Ml					
138	Uric Acid Kit (AGD Kinetic) (2*25)Ml					
139	Alkaline Phosphate Kit (AGD Kinetic) (1*25) Ml					
140	Cholesterol Kit (AGD Kinetic) (4*25)Ml					
141	Bilirubin Kit (AGD Kinetic) (1*100/1*100)Ml					
142	HDL Cholesterol Kit (AGD Kinetic) (2*15/ 2*5) Ml					
143	LDL Cholesterol Kit (AGD Kinetic) (2*15/ 2*5) Ml					
144	SGOT Kit (AGD Kinetic) 2*20/ 2*5) Ml					
145	SGPT Kit (AGD Kinetic) 2*20/ 2*5) Ml					
146	Albumine Kit (AGD Kinetic) (2*50) Ml					
147	Protein Kit (AGD Kinetic) (2*50) Ml					
148	Triglyceride Kit (AGD Kinetic) (4*25)Ml					
149	ISE Pack Electrolyte (AGD 3100 Machine)					
150	Ultrasound Paper Roll (UPP110S) (SONY)					
151	Disposable Swab Stick (Sterile)					
152	Glucose Kit 12 x 20Ml (Q-LINE)					
153	Urea Kit 8 x 25Ml (Q-LINE)					
154	Creatinine 8 x 25Ml (Q-LINE)					
155	Uric Acid Kit 12 x 20Ml (Q-LINE)					
156	Cholesterol Kit 12 x 20Ml (Q-LINE)					

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*
157	Triglyceride Kit 12 x 20Ml (Q-LINE)					
158	HDL Direct Kit 80Ml (Q-LINE)					
159	LDL Direct Kit 80Ml (Q-LINE)					
160	SGOT Kit 8x 25Ml (Q-LINE)					
161	SGPT Kit 8x 25Ml (Q-LINE)					
162	Total Bilirubin 8 x 25Ml (Q-LINE)					
163	Direct Biliribun 8 x 25Ml (Q-LINE)					
164	Total Protein 12 x 20Ml (Q-LINE)					
165	Albumin Kit 12 x 20Ml (Q-LINE)					
166	Alkaline Phosphate 4 x 25Ml (Q-LINE)					
167	Calcium Kit 12 x 20Ml (Q-LINE)					
168	H Pathological 4 x 5Ml (Q-LINE)					
169	HbA1C Direct 1 x 24Ml (Q-LINE)					
170	HbA1C Direct Callibrator Set 5 x 1Ml (Q-LINE)					
171	H Normal Kit 4 x 5Ml (Q-LINE)					
172	Blue MPA Micro Pipette for CBC					
173	NAF Vial					
174	Glass Tube (75mm x 12mm)					
175	CBC Capillary Tube					
176	Ultrasound Paper Roll (UPP110S) (SONY)					
177	ECG 12 Channel Paper (CONTEC Model ECG 1200G)					
178	ECG Paper (Edan 1201)					
179	ESR Pipette (Glass)					
180	Dropper Bottle (Plastic) 200Ml					

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*
181	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)					
182	Glass Pot 2 Liter					
183	Spirit Lamp (Stainless Steel)					
184	Round Bottom Flask 3 Liter					
185	Disposable ESR Tube with Pipette with solution					
186	Haemoglobino Meter (Sahil's Method)					
187	Micro Pipette Stand					
188	ECG Jelly (100Mg)					
189	ESR Tube (Disposable)					
190	ESR Stand with Tube					
191	EST Tube for Stand					
192	Haemoglobin Meter Strips (A1CHEK)					
193	Haemoglobin Meter Strips (Hemo Spark) (SENSACORE)					
194	Glucometer (SENSACORE)					
195	Mortuary Polythene Bags					

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)	⌟ 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.					
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**					
Equipments for NMHP						
1	Semi ICU Bed	Bed with foldable upper-end, 4 Wheels, Side railing foldable, Port for IV Stand at all 4 corners.				
2	Bed Side Locker	Detail Specification enclosed as Annexure-A				
3	Multi Para Monitir (7 Para)					
4	Patient Examination Stool (Hydrolic)					

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	Patient Examination Couch	S.S couch with 4 wheels, Size 2'X6.6", Cabinet with slide door, Rack for BP Instrument, 3 Draws, form with rexin fitted over.				
6	Bio Feedback Machine					
7	Evertion Therapy					
8	Sex Therapy					
9	Electro Sleep					
Instruments & Equipmentsfor NBCC						
1	Ambu Bag	**Detail Specification enclosed as Annexure-A**				
2	Stetho Scope (Paediatric)					
3	Suction Machine (Foot Operated)					
4	Haemoglobin Meter					
5	Haemoglobin Meter (Digital) (with 1000 Nos of Strips & 1000 Nos of Lancet)					
	Haemoglobin Meter Strips					
	Auto disable Lancet (Safety Lancet)					
6	Shoulder Roll					
7	Laryngoscope Paediatric					
8	Nasogastric Tube					
9	Shoe Rack					
10	Disposable Gown					
11	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					

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*
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 800 Glucometer Test Strips					
	Auto disable Lancet (Safety Lancet)					
11	PFT Machine					
12	Electrolyte Analyser					
13	Fine Needle Aspiration Cytology					
14	Measuring Cylinder					
15	Stirrer with stainless steel stirring road					

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*
16	Digital electronic tempetarture controller	**Detail Specification enclosed as Annexure-A**				
17	Stool Transport Carrier					
18	Table Top Centrifuge					
19	Smear Transporting Box					
Dental Instruments & Equipments						
1	Dental Chair with compressior	**Detail Specification enclosed as Annexure-A**				
2	Dental X-ray Machine and Developing unit					
3	Extraction forceps(Adult and pediateric)					
4	Dental alevators (periosteal,coupland,barbick james cryer)					
5	Chisel and mallet					
6	Diagnostic Instruments(mouth mirror,probe,explorer)					
7	Restacative Kit					
8	Scolar Kit					
9	Sterilizing unit					
10	BP blade with handle,Suturing Needle and threod					
11	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)	**Detail Specification enclosed as Annexure-A**				
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					

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*
26	Treatment wooden beds with Mattress	**Detail Specification enclosed as Annexure-A**				
27	Hand rehabilitation Therapy unit					
28	Thera bands /Elastic bands (Flat type)					
29	Grip Exerciser					
30	Diagnostic equipments					
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					
Prosthetics & Orthotic aids for children identified for Therapeutic Intervention at DEIC						
1	Arch Support(Unilateral)	**Detail Specification enclosed as Annexure-A**				
2	Medical/LateralWedge					
3	Flat feet/CTEV shoesPair(Leather)					
4	D.B. Splint with/without shoe					
5	AFO Conventional(one side)					
6	AFO Conventional(Bilateral)					
7	Knee orhosls Polypropylene(Valgum/Varus,Immobilizer etc					
8	KAFo conventional with shoe (One side)					
9	Bilateral KAFO Conventional with shoe					
10	KAFo conventional with shoe (One side)					
11	HKAFO Conventional with shoes					

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*
12	Bilateral H KAFO Conventional with shoe	**Detail Specification enclosed as Annexure-A**				
13	HKAFO Polyproxyline Custom Module without shoes(one side)					
14	Pavlik Harness for CHD					
15	SWASH Brace					
1	**HBNC Kit**					
2	Baby Weighing Scale					
3	Digital Thermometer					
4	Digital Stop Watch					
5	HBNC Kit Bag					
Materials for Early Invention/ Remedial Therapy						
1	Therapeutic Mat (Sitting & Stimulating Environment for Effectively Perform & Resp)	4 Pair of coloured mat				
2	Wooden cup board (for Storage of TLM used for Developing Independent skills of Children(motor))	60x45x80 cm size, weight 25-30Kg				
3	Follow the pattern for visual perceptual & cognitive devlopment (Visual perceptual & Cognitive development)	30x30x7 cm				
4	Peg Board (Fine motor & concentration development)	>50 pegs in the wooden board				
5	Shape & slot Box (Cognitive skill enhancement)	16x13x3 cm, weight - 750-1000gm				
6	Picture dominos (cognitive enhancement)	9.5x5.5x0.3cm, weight-600-1000gm				
7	Find the sequences (cognitive&language enhancement)	7.5x7.5x0.5cm, weight-1000-1500gm				

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*
8	Advance shape stackers (cognitive & Language enhancement)	40x7.5cm, weight-300-500gm				
9	Grade & stack squares (Math skill&cognitive development)	13x13x18.5cm, weight 1000-1500gm				
10	Math number & quantity, opposites, animals (math &cognitive enhancement)	13x7.5x0.5cm, weight-400-500gm 13x7.5x0.5cm, weight-500-750gm				
11	Build ties (Cognitive,motor&perceptual skills)	15x15x0.4cm to 3x3x0.4cm, weight-1500-2000gm				
12	Build block (Cognitive,motor&perceptual skills)	15x3x3cm to 3x3cm, weight-3500-4000gm				
13	Our helpers (life skill)	Made up of wooden 13x16x6cm, weight-1000-1500gm				
14	Clock (Time concept)	28x31x6cm, weight-1000-1500gm				
15	Sound Boxes (Play)					
16	Theatre (Play & Learn)	Wooden stage with pappet				
17	Triangle Market (math)	various size of triangles				
18	Exercise Board (concept & act of fitness)					

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*
19	Animals & home (matching, preacademic & cognitive)	13x7.5x0.5cm, weight-400-500gm 13x7.5x0.5cm, weight-500-750gm				
20	Touch Boards	24x11.8x0.8cm, weight 500-750gm				
21	Touch Boards	24x11.8x0.8cm, weight 400-600gm				
22	Baric Tablets	8x7.5x0.5cm, weight 800-900gm				
23	Mastery Bags	3x3x3cm, weight-300-500gm				
24	Set of knobb less (to arrange cylinders in order accordingly sizes)	5.5dia, 5.5cm ht				
25	Geometrical solid shapes (to observ basic shapes)	6x6x10cm, weight-2000-2500gm				
26	Number Roads (to count partition and arrange roadsin order of acesinding quantity)	100x25x2.5 to 10x2.5x2.5cm, weight-3500-4000gm				
27	Spindle Box (to count spindle and place in right partion of box)	49.5x16.5x4.3cm, weight-750-1250gm				
28	Sand paper number (to feel shape of number finger)	9.8x7.7x0.3cm, weight-250-500gm				
29	Arithmetic material (to observ value of unit, ten, hundred and thousand)	33x12x7cm, weight-500-1000gm				
30	Arithmetic material (to observ value of unit, ten, hundred and thousand)	35.5x12x7cm, weight-1000-1500gm				

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	Ten board & bead box (To make tens in numbers & quantity in golden beads)	7 x 7.5cm.weight : 1500.2000gm				
32	3000 cards (To make desired quantity till 3999 in figures)	unit plate size 3x4cm weight : 500.1000g				
33	9000 cards (To make desired quantity till 9999 in figures)	3 x4cm weight : 500.750gm				
34	Golden chain of 100 9To count till 100 & use arrow)	3.5 x 0.6cm,<250gm				
35	Coloured bead stair (To use for any counting 1-9 quantity)	10x70x5.5,<100 gm				
36	Addition snake game (To do addition with bead materials)	2.8 x 1.2 cm, weight : 250.500gm				
37	Multiplication snake game (To do multiplication with bead materials)	28 x10x5cm, weight : 500.600gm				
38	One to ten printed cards (To use for any counting from 1 to 10)	10 x 7 x 5.5 cm, weight : 100.250gm				
39	Sand paper alphabet capital letters (To trace rough part & say the sound of letter)	14.7 x 9.6 x0.3 cm, weight : 1000.1500gm				
40	Sand paper alphabet small letters (To trace rough part & say the sound of letter)	13 x 13 x0.3 cm, weight : 1250.1500gm				
41	Sand paper phonograms letters 9To trace rough part & say the sound of phonogram)	17 x 14.1 x 0.3 cm, weight :1000.1250gm				
42	Sand paper alphabet cursive small letters (To trace rough part & say the sound of letter)	14.8 x 13.2 x0.3 cm, weight : 1500.1750gm				
43	Exercise of practical life material wooden empty tray (For storage of TLM & other for develop independent skills of children(motor))	40 x 30x 4.2 cm, weight : 1500.1750gm				
44	Handkerchife(To fold napkins as per given guideline)	27 x27 cm, weight <490gm				
45	Large button frame (To tuck large button)	24.5 x 26 x 2cm, weight : 250.500gm				

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*
46	Medium Buttons Frame (To tuck medium botton)	24.5x26x2 cm,weight <238gm				
47	Small Buttons frame (To tuck small botton)	24.5 x 26 x 2cm, weight : 250.500gm				
48	Zipper frame (To tuck zip)	24.5 x 26 x 2cm, weight : 250.500gm				
49	Buckles frame (To tudk buckless)	24.5 x 26 x 2cm, weight : 250.500gm				
50	Hook & Eye frame (To tuck vellro)	24.5 x 26 x 2cm, weight : 250.500gm				
51	Lace frame (To tie lace)	24.5 x 26 x 2cm, weight : 250.500gm				
52	Vellro frame (To tuck vellro)	24.5 x 26 x 2cm, weight : 250.500gm				
53	Ribbons frame (To tie ribbons)	24.5 x 26 x 2cm, weight : 250.500gm				
54	Art & craft animal (Enjoy colouring animals cutouts)	25 x 17.5 x 1 cm,<100gm				
55	Pentagone dairy (Enjoying colouring your own mood in diary cover)	19 x 16 x 2.5 cm, weight : 100.200gm				
56	Hand gloves puppet of animals (To performing story,rhyme)	Made up of cotton & wool 100gm-200gm each				
57	Lace on animals,on shoe,on shapes (Lace on the board)	21.5 x 9.5 x10.5cm,weight range:400gm-750gm				
58	Number Train (Enjoy makingtrain form part)	made up of wooden , multi colour 137.5 x 11 x0.5 cm,weight: 750-1000gm				

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	Circle,rectangle,trangle shapes (Lets complete picture)	17 x17 x0.75 cm,<100gm 18 x13 x 0.75cm,<100gm 17 x 17 x 0.75cm,100-250gm				
60	Summer, garden,beach,winter (Let"s complete complex picture)	30 x 20 x 0.75cm,250.500 gm				
61	follow the patterns, patterns writing, number tracking, upper case lower case (writing skill)	34.5 x 24 x 0.8cm,weight: 200.400gm				
62	Flash cards (fruits,vegetables,flowers,birds,animals,domestic,wild,vehicle,bodyparts,family,shapes,colours,first aid (Academic)	Each set of flash cards				
63	First aid box, dressing & grooming kitchen set,box (practical life)	Each one set				
64	Black board,white board(small) chalk,markers,note book,pen, pencil,crayon,watercolours,A4bundles (Academic)	Each one set				
65	Day & night,calenders,clock,months chart,sessionchart,duster,pic,eraser (Time concept)	Each one set				
66	Ball 100pc&bucket(big) (Play & motor)	multi coloured 100balls&one big bucket				
67	Picture books(all in one,profesional,variousenvironment,prepositions etc,) (life skill)	50 pages of each book				
68	Bell,ring,bells,whistls,car,roundbox (montessori) (language and auditory skill)	various sound making toys				
69	printing box, brush,sponge etc, (fine motor)	various things for painting				
70	Story Sequences (language Development)	various set of stories				

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*
71	Music system-1 & rhyme-5,story-5& life skill-5 DVD,Gayatri (Language,visual perceptional skills)	one music system with DVDS				
72	Therapeutic light(multiple)Tourch (Visual perceptual skills, Eye Contact, Attention, Concentration etc.)	Multi coloured light & tourch				
73	Bells, Tread & Container (Eyehand interaction)	Various size of beads & big container				
74	wooden or Plastic chair (To Seat & Read)	10inch & 13.5 inch Approximately				
75	Wooden Table (To Seat & Read)	Low hight Approximately 1.5 to 2 feet				
76	Slide, Tunnel, Swing, Door Mat (For Playing)					
83	Sputum Transportation Carriage	Plastic (size- 2' x 1.5' x 1.5') with carrier handle				
84	Oxygen Flow Meter					
85	VHND KIT	Detail Specification enclosed as Annexure-A				
SENSORY INTEGRATION EQUIPMENTS/TOOLS, DEIC RBSK						
1	Bolster Swing	Vestibular Stimulation				
2	Tyre tube swing					
3	T Swing					
4	Lycra swing and hammocks					
5	Rope ladder swing					
6	Ball Pool With Multi Colours Small ball	Tactile Stimulation				
7	Tunnel					
8	Bean bags					
9	Wrapping in blankets, weighted blankets,towels	For neutral warmth				
10	Sandwich activities ; between mats pillow,been bags	Tactile Stimulation				

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	Activities for Exploring ;with sand,rice, beans, and other textures	Tactile textures				
12	Weighted Activities ; Weighted Vest, Ankle/wrist weights for ankle and wrist	Tactile textures				
13	Scooter board	Vestibular Stimulation				
14	Balance Bean	Vestibular Stimulation				
15	Thera Band	Vestibular Stimulation				
16	Soft Blankets for tactile textures	Vestibular Stimulation				
17	Soft mattress for completely covering the floor and Curtains for tactile textures	Vestibular Stimulation				
18	Sensory mats different textures (soft,rough)	Tactile textures				
19	Blocks, bolsters, small chairs	Vestibular Stimulation				
20	Tactile brushes	Tactile textures				
21	Playdoh,funny, foam, textured balls,tactile walls boards and books, textured puzzles, finger paints (regular, or using pudding) Using various materials(satin, carpet swatches, siik,lambs wool, washcloths,cotton) and massagers vibrating toys	Tactile Stimulation				
22	Chart paper, Pencil,Gum,Crayon,gripper, eraser,scissor,note books	Proprioceptors				
23	Form board(Alphabets,numbers,Colours, shapes,body parts, size, flash cards(animals and fruits)	Tactile textures				
24	LED mirror ball, pin spot and mirror ball, mirror ball motor mains. Fire ball, sound activated light, Bubble tube (with LED light and vibrator)and speakers connected to the sound player(prerecorded sound of water fall, wind chimes,birds sounds,and soft instrumental music)	Visual Stimulation				
25	Pin spot and Mirror Ball					

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*
26	Mirror Ball Motor-Mains					
27	Fire Ball					
28	Sound activated light					
29	30. Bubble tube (with LED light and vibrator)					
30	Speakers connected to the sound player (pre-recorded sound of waterfall, wind chimes, birds sounds and soft instrumental music) for Visual Stimulation					
31	Toy Room Wall mounted rack & Toys with different texture, colour for various age groups (6 months--18 years)	For Stimulation, Special education and demonstration				
General Equipments						
1	Bed Head Ticket Holder	**Detail Specification enclosed as Annexure-A**				
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 Retracter (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 Appron					

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*
13	Hanger (Channel Type) Size 15"x12"	**Detail Specification enclosed as Annexure-A**				
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	Oxygen Concentrater Machine					
19	Defibrilator					
20	B.P. Apparatus (Aneroid)					
21	B.P. Apparatus (Digital)					
22	Scissor for Saline Bottle Cutting					
23	Saline Stand					
24	X-Ray View Box					
25	Instrument Steriliser Electrical (Size: Medium)					
26	Infantometer					
27	Nebuliser					
28	Infant laryngoscope					
29	Endotracheal Tube Size: 2.5, 3.0,3.5					
30	Pulse Oxymeter					
31	Radiant Warmer					
32	Phototherapy (double Surface)					

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*
33	Ultra Sound Machine With Color Doppler	**Detail Specification enclosed as Annexure-A**				
34	Binocular LED Fluorescence Microscope					
35	Labour Table					
36	Sanitary Napkin Incinerator					
37	Safe Delivery Ki					
38	Slit Lamp Applanation Tonometer					
39	TRUE NAT (Chip -Based Rea time PCR test for Rifampicin resistant Mycobacterium tuberculosis)					
40	TRUE NAT (Chip -based Real Time PCR test for Mycobacterium tuberculosis)					
41	TRUE LAB (Real-Time quantitative micro PCR Analyzer (Single Channel))					
42	TRUE LAB (Real-Time quantitative micro PCR Analyzer (Two Channel))					
43	TRUE LAB (Real-Time quantitative micro PCR Analyzer (Four Channel))					
44	O.T. Table Hydraulic					
45	Obstetric Gyne Table					
46	Fire Extinguisher					
47	Fully Automated Auto-Analyser					
48	Auto Refractometer					
49	Sickeling Test kit					
50	Water quality test- H2S Strip test					
51	Interdental cleaning aids					
52	Billirubinometer					

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*
53	Irradiance Meter	**Detail Specification enclosed as Annexure-A**				
54	Oxygen Analyser					
55	ABG Machine (Catridge)					
56	Bubble CPAP					
57	Ventilator (Neonate)					
58	Body Care Massage Chair					
60	Trolley for Carring Cold Box					
61	Slide Transport Box					
62	Sample transport Box(Thermo cool)`					
63	Stool Transport Carrier					
64	Smear Transporting Box					
65	Non Contact Tonometer					
66	Operating Microscope					
67	Electrical Cautery					
68	Biofeedback Multifunctional Therapy					
69	Cogniplus Machine					
70	Cognistat Assessment System					
71	Winconisin card sorting test and scoring system -64 computer version					
72	Trial Lense Frame (Adult)					
73	Trial Lense Frame (Child)					
74	ENT Chair					
75	Plaster Cutting Machine (Electrical)					
76	Orthopaedic Drill (Elcetric)					

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*
77	Electric Cutery	**Detail Specification enclosed as Annexure-A**				
78	OT Light					
79	Oxygen Key					
80	Oxygen Trolley 40Liter Cylinder					
81	Oxygen Hood					
82	Steel Basin SS (Medium Size)					
83	Measuring Mug					
84	Cidex Tray					
85	Plaster Cutting Machine (Electrical)					
86	Sterilisation Indicator Tape for Autoclave					
87	Weinstens Monofilament					
88	Stapler/ Remover (Orthopaedic)					
89	K. Wire Cutter					
90	K. Wire Bender					
91	Plyer (Orthopaedic)					
92	Schiotz Tonometer					
93	Identifying Tag (Mother & Baby)					
94	Kelly's Pad					
95	Steam Indicator Tape					
96	Medicine Rack					
97	Rack/Cabinet for storage of lab Consumables					
98	Cataract Set for opthalmic cataract surgery instrument	Titanium CoatingMaterial, 21 Pieces				
99	Glaucoma Trabeculectomy Punch Instrument	Detail Specification enclosed as				
100	Iris holding forceps (Titanium Coated_	Standard				
101	Green's Hook for cataaract Surgery	Titanium Coating Material				

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*
102	Intraocular Pressure Measurement Rebound Tonometer	Detail Specification enclosed as Annexure-A				
103	Phaco Emulsification (PHACO) Machine	Detail Specification enclosed as				
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					
5	Chisel					
6	Osteotome					
7	Mallet					
8	Curette					
9	Bone File					
10	Rongeur					
11	Apexo Elavator					
12	Mouth Prop					
13	Non Toth Forcep					
14	Needle Holder					
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 Carrrier					

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	Plugger	**Detail Specification enclosed as Annexure-A**				
8	Carver					
9	Ball Burisher					
10	Spatula					
11	Glass Slab					
12	Calcium Hydroxide					
For Root Cannal Treatment (RCT)						
1	Endometer	**Detail Specification enclosed as Annexure-A**				
2	Round/ Fissure/ Safety Burs					
3	Reamer					
4	Broach					
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 Monometer, 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 Elavator					
4	Arch Bars					
5	Wire Twister					

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*
6	Wire Cutter	**Detail Specification enclosed as Annexure-A**				
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)					
ENT Department						
1	Bipolar Electric Cuttry	**Detail Specification enclosed as Annexure-A**				
2	ENT Examination Chair					
3	Endoscopy Unit (Fixed)					
4	Endoscopy Unit (Portable)					
5	Audiometry (Portable)					
6	Fess Instrument Set					
7	Tempanoplasty Instrument Set					
8	Needle Holder Size-6"					
9	Needle Holder Size-4"					
Special Education Material						
1	Theraputic mat,Black board or white board, marker	**Detail Specification enclosed as Annexure-A**				
2	Wooden Cupboard					
3	Patterns, peg board					
4	Sound boxes, music systems, rhymes,story etc.					
5	Exercise board					
6	Geometrical solid shapes					

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	Sand papaer, alphabet small latter	**Detail Specification enclosed as Annexure-A**				
8	Bells thread, container					
9	Different type of flash card					
10	Theraputetic light, multiple colours					
11	100 pic of ball and bucket big					
12	Slides tunnel swing					
13	Wooden picture fixes to board					
14	Football big size-2					
15	Abacus wooden					
16	Pozzles wooden- foods,learning alphabets,					
17	ring stand-2, plastic abcd, numbers,plastic animal					
18	Brain vita, min pearl, finish marvels,					
19	Beads stand and beads -5					
20	Anindita toys					
21	Wooden Chines checkers					
22	Magic cube pozzle					
23	Block set					
24	Alphabet chart.					
Vision Equipment & Instument						
1	Log Mar Charts	**Detail Specification enclosed as Annexure-A**				
2	Snellen's Chart					
3	Pediatric Trail Lens Set					
4	Pencil torch with yellow light					
5	Children's Trail frame					
6	Vision resting drum (Distance)					

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	Illuminated Near vision Test Drum	**Detail Specification enclosed as Annexure-A**				
8	Infant and toddler VEP or Visual Evoked Potential Testing equipment					
9	Lea Grating Paddlers					
10	Lea Near vision single symbol playing cards					
11	Lea Near vision cards with symbols with card					
12	Lea Symbol 13-Line Translucent Distance Chart (10feet/ 3 meters)					
13	Lea Symbol Low Contrast 10M Flip chart					
14	Lea 3-D Puzzle					
15	Hiding Heidi Low Contrast Face Test, Serial no : 253500; double sided					
16	Heidi Expression Test Game serial n o. 254505					
17	Hiding Heidi Low Contrast Face Test, Serial no : 253500; double sided					
18	Spectacle Occulder Item# 52327					
19	Occluder Glasses Item # 52851					
20	AAPOS Vision Screening kit item no. # 120					
21	Lea symbol chart for vision Rehabilition Item no. 258000					
22	Leo Learns by doing - DVD for interaction with a vision impaired child					
23	COVD Pediatric Kit - 400444 SKU number					
24	Lea Fixation stick					
Psychology Equipment & Instument						
1	Stanford Binet (Indian adaptation-Kulshreshta)	**Detail Specification enclosed as Annexure-A**				
2	Bayley-III Screening Test Complete Kit includes, Manual, Stim Book, Picture					
3	Piagets Sensori motor intelligence Scale 0-2 years. Piatetian Cognitive Tasks					
4	Dyslexia Early Screening 4-6 years (DEST)					
5	Dyslexia Screening Test Junior (6-11 years)					
6	Childhood Behavioral Checklist CBCL					
7	Cerebral Palsy and Neuro-motor impairment: INCLEN (INDT_NMI)	**Detail Specification**				
8	INCLEN Diagnostic Tool for Epilepsy (INDI-EPI)					

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*
9	ADHDT2	**enclosed as Annexure-A**				
10	SANGUIN Form Board					
Audiology & Speach Tharapy Equipment & Instument						
1	Thudicum's Speculum set	**Detail Specification enclosed as Annexure-A**				
2	Killan's speculum set					
3	Laryngeal mirrors set					
4	Posterior rhinoscopic mirrors					
5	Aural Speculum all sizes black finish					
6	Nasal Packing Forceps					
7	Aural Suction tips (Micro Suction Adapter)					
8	Nasal Suction Tips					
9	Hartman's Foceps					
10	Eustachian tube catheter					
11	Punch biopsy forceps					
12	Laryngeal biopsy forceps\					
13	Therapy mats-6ftX3ft; Length 6 ft and breadth 3ft,thickness 4cm					
14	Splints (Ankle Foot Orthosis)					
15	Special Chair With cut-out tray (Tailor made according					
16	Cut-out floor table (2ftX2ft)					
17	Floor seat (Pelvic strap)					
18	Toys (for play and stimulation)					
19	Small rattles:					
20	Squeaky toys:					
21	Puja bell (clapper bell)					
22	Soft toy:					
23	Brush for tactile stimulation:					
24	Thick handle spoon stainless steel					
25	Thick handle bent spoon stainless steel bent spoon, padded handle 3	**Detail**				
26	Plastic spoon with long handle (for babies) Long handle bright color spoon					

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*
27	Plastic glass with rim cut on one side; Plasic glass with one side of the irm is cut	**Specification enclosed as Annexure-A**				
28	Stainless steel plates with high rim High rim to prevent spiling over of food					
29	Spouted cups					
Other Equipment & Instument						
1	ECG (12 Channel) with Bluetooth	**Detail Specification enclosed as Annexure-A**				
2	ECG (12 Channel) without Bluetooth					
3	Digital Diagnostic Kit (BP Monitor + Pulse Oximeter, BCA+ Glucometer+ Hemoglobin Meter + ECG+ Lipid Analyzer + BHA1c Analyser + FHR + Digital Stethoscope + Oppo A11 + Briefcase					
4	Digital Diagnostic Kit - Consumable with manpower (cost per report with manpower)					
5	Digital Diagnostic Kit - Consumable without manpower (cost per report with manpower)					
6	Fogging Machine					
7	Laser Therapy Unit					
8	Patient un-weighing System for Gait Training					
9	Infra Red Therapy					
10	Static Cycle					
11	Tread Mil					
12	Suspension Therapy					
13	Auto Passive Mobilise of Upper Arm					
14	Identity Tie (for Mother)					
15	Identity Tie (for Baby)					

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*
16	Colour coded Bins (5 Liter) (2 Set) small size (foot operated two bucket ((Red & Yellow) & two puncture proof container (white & Blue), Foot Operated Black in each set)	**Detail Specification enclosed as Annexure-A**				
17	Plastic Tub with lid (10" base) for chlorine solutions preparation					
18	Percussion Hammer					
19	Tunning Fork 128 HZ					
20	Steel Bassin (Medium)					
21	Steel Bassin (Small)					
22	Chittle's Forcep with stand					
23	Feeding Tube (baby) (5,6 Size)					
24	N.G. Tube (reading Tube)					
25	Fumigator Machine					
26	NASG kit					
27	CBC Machine (3Part)					
28	Digital Spiro Meter					
29	Refrigerator (180 Liter, Single Door)					
30	Refrigerator (240 Liter, Double Door)					
31	Refrigerator (265 Liter, Double Door)					

Laboratory Consumables for Automated Electrophoresis for HB/Sickel Cell

Sl. No.	Nameof the Item	Unit of measure	Unit / Pack Size	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
Automated Electrophoresis for HB/ Sickel Cell & Serum Protien							
1	HBA1C CALIBRATORS	In Unit	2 X 0.6 ML				
2	A1AT CONTROLS	In Unit	3 X 1.25 ML				
3	HBA1C CONTROLS	In Unit	1 X 0.7 ML				
4	Hb AF CONTROL	In Unit	1 ML				
5	Hb A2 NORMAL CONTROL(5)	In Unit	5 X 1 ML				
6	PATHOLOGICAL HbA2 CONTROL	In Unit	1 ML				
7	MOLECULAR WEIGHTCONTROL	In Unit	5 X 1 ML				
8	CONTROL SERA NORMAL	In Unit	5 X 1 ML				
9	HYPERGAMMA CONTROL SERUM	In Unit	5 X 1 ML				
10	IT/ IF CONTROL (1 ML)	In Unit	1 ML				
11	ENZYCONTROL	In Unit	1 ML				
12	Hb AFSC CONTROL	In Unit	1 ML				
13	ISO-PAL CONTROL	In Unit	0.5 ML				
14	CSF CONTROL	In Unit	0.5 ML				
15	NORMAL CDT CONTROLS(5 X 1ML	In Unit	0.5 ML				
16	COLOURED FIXATIVE 2,5 ML	In Unit	5 X 1 ML				
17	REAGENTS CUPS	In Unit	1 X 5 ML				
18	LIDS FOR USED SEGMENTS BOXES FOR MINICAP	In Unit	125 Nos				
19	CAPICLEAN (25 ML)	In Unit	1 Nos				
20	CLEANPROTECT	In Unit	25 ML				
21	CAPIPROTECT	In Unit	5 ML				
22	TUBES/CAPS FOR CONTROLS (20)	In Unit	2 X 5 L				
23	LOW VOLUMES LABELS	In Unit	20NOs				
24	TUBES/CAPS FOR CONTROLS (500)	In Unit	20 Lables				
25	KIT PROTEIN 6	In Unit	500 NOS				
26	Hb	In Unit	2 X 250 ML				
27	CDT	In Unit	2 X 250 ML				
28	HbA1c	In Unit	20X 250ML				

Sl. No.	Nameof the Item	Unit of measure	Unit / Pack Size	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
29	KIT PROTEIN (6)	In Unit	6 X 250 ML				
30	KIT Hb	In Unit	6 X 250 ML				
31	PROTEIN 6 BUFFER	In Unit	1 X 2000				
32	HEMOGLOBIN BUFFER	In Unit					
33	IMMUNOTYPING	In Unit	1.1 ML				
34	FP PM Kit (With 8 Way Valve)	In Unit	1 Nos				
35	Sample Probe	In Unit	1 Nos				
36	Pump Maintenance Kit (for liquid pump SN < 2750)	In Unit	1 Nos				
37	Cartridge	In Unit	1 Nos				
38	Silicone Grease (10ml)	In Unit	1 Nos				
39	Carousel (Standard)	In Unit	1 Nos				
40	Reagent Cup Holder	In Unit	1 Nos				
41	Tubing Kit	In Unit	1 Nos				
42	Cathode Tank	In Unit	1 Nos				
43	Deuterium Lamp	In Unit	1 Nos				
44	Water Container With Cap 2vrs	In Unit	1 Nos				
45	Buffer 1 Container With Cap 2vrs	In Unit	1 Nos				
46	Buffer 2 Container With Cap 2 vrs	In Unit	1 Nos				
47	Wash Container With Cap 2vrs	In Unit	1 Nos				
48	Waste Container With Cap 2vrs	In Unit	1 Nos				
49	New Mechanical Adjustment Tool Kit	In Unit	1 Nos				
50	Container Male Quick Coupling	In Unit	1 Nos				
51	Front Electrode (Anode)	In Unit	1 Nos				
52	Carousel (Flex Piercing)	In Unit	1 Nos				
53	Pump Maintenance Kit	In Unit	1 Nos				
54	Peltier Element Adhesive	In Unit	1 Nos				
55	Syringe Nut for Endless Screw	In Unit	1 Nos				
56	8 Way Valve Coupling	In Unit	1 Nos				
57	Left Gap Pad	In Unit	1 Nos				

Sl. No.	Nameof the Item	Unit of measure	Unit / Pack Size	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
58	Right Gap Pad	In Unit	1 Nos				
59	Sample Probe Holder	In Unit	1 Nos				
60	Needle Horizontal Metal Axis	In Unit	1 Nos				
61	Syringe Lock Nut	In Unit	1 Nos				
62	Mcp Flex Sample Probe	In Unit	1 Nos				
63	Side hole Sample Probe	In Unit	1 Nos				
64	Blue Filter 420nm	In Unit	1 Nos				
65	UV Filter 200nm	In Unit	1 Nos				
66	Female Luer Fitting	In Unit	1 Nos				
67	Container Quick Coupling O'Ring	In Unit	1 Nos				
68	Male Luer Fitting	In Unit	1 Nos				
69	Waste Container Without Cap (500ml)	In Unit	1 Nos				
70	Reagent Container Without Cap (250ml)	In Unit	1 Nos				
71	Syringe 2.5ml	In Unit	1 Nos				
72	Syringe Piston	In Unit	1 Nos				
73	White Mechanical Grease (15g)	In Unit	1 Nos				

Items for Special Education for DEIF

Sl.No	Name of the Item	Purpose	Specification Minimum Size & Approximate Weight)	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
1	Therapeutic Mat	Setting & Stimulating environment for effectively perform & response	5 Pcs of 4 pair of coloured mat				
2	Wooden cup board	For storage of TLM used for developing independent skills of children (motor)	60.0 X 45.0 X 80.0 CM size, weight range 25 30 Kg				
3	Follow the patterns	Visual perceptual & cognitive development	30 X 30 X 7 cm				
4	Peg Board big	Fine motor & Concentration development	>50 Pegs in the wooden board				
5	Shape & Slot box	Cognitive skill enhancement	16 X 13 X 3 cm, weight range: 750-I000gm				
6	Picture dominos	Cognitive enhancement	9.5 X 5.5 x 0.3 cm, Weight 600-1000 gm				
7	Find the sequences	Cognitive & Language enhancement	7.5 X 7.5 X 0.5cm, weight 1000-1500 gm				
8	Advance Shape Stackers	Cognitive & Language enhancement	40 X 7.5 cm, Weight 300-500 gm				
9	Grade & Stack squares	Math skill & cognitive development	13 X 13 X 18.5cm, weight 1000-1500 gm				
10	Match number & quantity, opposites, animals	math & cognitive enhancement	13 X 7.5 X 0.5 cm, Weight: 400-500 gm 13 X 7.5 X 0.5 cm, Weight: 500-750 gm				
11	Build ties	Cognitive, motor & perceptual skills	25 X 15 X 0.4 cm to 3 X 3 X 0.4 cm, Weight : 1500-				
12	Build block	Cognitive, motor & perceptual skills	15 x 3 X 3 cm to 3 X 3 cm, Weight: 3500-4000gm				
13	Our helpers	Life skill	Made up of wooden 13 X 16 X 0.3 cm,				
14	Clock	Time Concept	28 X 31 X 6 cm, Weight: 1000-1500 gm				
15	Sound Boxes	Play	Various boxes of 1 set				
16	Theatre	Play & Learn	Wooden stage with pappet				
17	**Triangle market**	Math	Various size of triangles				
18	**Exercise Board**	Concept & act of fitness					
19	Animals & home	matching, preacademic & cognitive	13 X 7.5 X 0.5 cm, weight 500-7S0gm				

Sl.No	Name of the Item	Purpose	Specification Minimum Size & Approximate Weight)	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
20	Touch Boards	To feel difference of textura	24 X 11.8 X 0.8 cm, weight 500-750 gm				
21	Touch Boards	To feed difference of textue	24 X 11.8 X 0.8 cm, weight 400-600gm				
22	Baric tablets	To pair identically weighing plagues	8 X 7.5 X 0.5 cm, Weight: 800- 900gm				
23	Mastery Bags	To pair identical shapes	3 x 3 X 3 cm, Weight: 300-500 gm				
24	Set of Knobbless	To arrange cylinders in order accordingly sizes	5.5 dia 5.5 cm ht				
25	Geometrical solid shapes	To observe basic shapes	6 X 6 X 10 cm, Weight: 2000-2500 gm				
26	Number Rods	To count partition and arrange rods in order of ascending quantity.	100 X 25X 2.5 to 10 X 2.5 X 2.5 cm , Weight : 3500-				
27	Spindle Box	To count spindle and place in right partition of box	49.5 X 16.5 X 4.3 cm Weight: 750 -1250 gm				
28	Sand paper number	To feel shape of number finger	9.8 X 7.7 X 0.3 «m, Weight: 250 -500 gm				
29	Arithmetic material	To observe value of unit, ten, hundred and thousand	33 X 12 X 7 cm, Weight: 500-1000 gm				
30	Arithmetic material	To make quantity of unit, ten, hundred and thousand	35.5 X 12 17 cm, Weight: 1000-1500 gm				
31	Ten board & bead box	To make tens in numbers & quantity in golden beads	7 X 7.5 cn\, Weight: 1500-2000 gm				
32	3000 cards	To make desired quantity till 3999 in figures	unit plate size 3 X 4 cm Weight: 500-1000gm				
33	9000 cards	To make desired quantity till 9999 in figures	3 x 4 cm Weight: 500-750gm				
34	Golden chain of 100	To count till 100 & use arrow	3.5 X 0.6 cm, < 250 gm				
35	Coloured bead stair	To use for any counting 1-9 quantity	10 x 70 X 5.5 , < 100 gm				
36	Addition snake game	To do addition with bead materials	2.8 X 1. 2 cm, Weight.- 250-500 gm				
37	Multiplication snake game	To do multiplication with bead materials	28 X 10 X 5 cm, Weight: 500-600 gm				
38	One to ten printed cards	To use for any counting from 1 to 10	10 X 7 X 5.5 cm, Weight: 100-250 gm				
39	sand paper alphabet capital letters	To trace rough part & say the sound of letter	14.7 X 9.6 X 0.3 cm, Weight: 1000-1500gm				
40	Sand paper alphabet small letters	To trace rough part & say the sound of letter	13 X 13 X 0.3 cm, Weight. 1250-1500 gm				

Sl.No	Name of the Item	Purpose	Specification Minimum Size & Approximate Weight)	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
41	Sand paper phonograms letters	To trace rough part & say the sound of phonogram	17 x 14.1 X 0.3 cm, Weight: 1000-1250 gm				
42	Sand paper alphabet cursive small letters	To trace rough part & say the sound of letter	14.8 X 13.2 X 0.3 cm, Weight: 1500-1750 gm				
43	Exercise of practical life material	For storage of TLM & other for develop independentskills of children (motor)	40 X 30 X 4.2 cm, Weight: 1500-1750 gm				
44	Handkerchief	To fold napkins as per given guideline	27 X 27 cm, Weight < 490gm				
45	Large button frame	To tuck large button	24.5 X 26 X 2 cm,Weight: 250-500 gm				
46	Medium Buttons frame	To tuck medium botton	24.5 X 26 X 2 end, Weight « 238gm				
47	Small Buttons frame	To tuck small botton	24.5 X 26 X 2 cm, Weight: 250-500 gm				
48	Zipper frame	To tuck Zip	24.5 X 26 X 2 cm, Weight 200-500 gm				
49	Buckles frame	To tudk buckless	24.5 X 26 X 2 cm, Weight: 250-500 gm				
50	Hook & Eye frame	To tuck hook and eye	24.5tX 26 X 2 cm, Weight: 200- 300 gm				
51	Lace Frame	To tie lace	24.5 X 2G X 2 cm, Weight: 200-500gm				
52	Vellro frame	To tuck vellro	24.5 X 26 X 2 cm, Weight: 200-500gm				
53	Ribbons frame	To tie ribbons	24.5 X 26 X 2 cm, Weight: Z00-500gm				
54	Art & craft animal	Enjoy colouring animals cutouts	25 X 17.5 X 1 cm, < 100 gm				
55	Pentagone dairy	Enjoying colouring your own mood in diary cover	19 X 16 X 2.S cm, Weight: 100-200 gm				
56	Hand gloves puppet of animals	To performing story, rhyme	Made up nf cotton & wool 100gm-200 gm each				
57	Lace on animals, on shoe, on shapes	Lace on the board	21.5 X 9.5 X 10.5 cm, Weight range: 4O0gm-750 gm				
58	Number Train	Enjoy making train form part	Made up of wooden , Multi colour 137.5 X 11 X 0.5 cm, Weight: 750-1000 gm				
59	Circle, rectangle, triangle shapes	Let's complete picture	17 X 17 X 0.75 cm, < 100gm 18 X 13 X 0.75 cm, < 10Ogm				
60	Summer, garden, beach, winter	Let's complete complex picture	30 X 20 X 0.75 cm, 250 500 gm				

Sl.No	Name of the Item	Purpose	Specification Minimum Size & Approximate Weight)	Name of the Manufacturing Firm	Unit Rate (In Rs.)	GST (In Rs.)	Total Cost (In Rs.)
61	Follow the patterns, patterns writing, number tracking, upper case, lowercase	writing skill	34.5 X 24 X 0.8 cm, Weight : 200-400 gm				
62	Flash cards (fruits,vegetables, flowers, birds, animals, domestic, wild, vehicle, body parts, family, shapes, colours, first aid	Academic	Each set of flash cards				
63	First aid box, dressing & groomingkitchen set, box	Practical life	Each one set				
64	Balack board, white board (small), chalk, markers, note book, pen, pencil, crayon, water colours, A4 bundles	Academic	Each one set				
65	Day & night, calenders, clock, months chart, session chart, duster, pic, eraser	Time Concept	Each one set				
66	Ball 100pc & bucket (big)	Play & motor	Multi coloured 100 balls & one big bucket				
67	Picture books (all in one, profesional, various environment	Life skill	50 pages of each book				
68	Bell, ring bells, whistle, car, round -	Language and auditory skill	Various sound making toys				
69	Printing box, brush, sponge etc.	Fine motor	Various things for painting				
70	Story sequences	Language development	Various set of stories				
71	Music system-1 & rhyme-5, story-5 & life skill-5 DVD, Mantra DVD, Gayatri	Language, visual perceptional skills	One music system with DVDs				
72	Therapeutic light (multiplej, tourch	Visual perceptual skills, eye contact, attention, concentration etc.	Multi colo *red light & tourch				
73	Bells, tread & container	Eye hand interaction	various size of beads & big container				
74	Wooden or plastic chair	To seat & Read	10 inch & 13.5 inch approximately				
75	Wooden Table	To seat & Read	Low height apprximately 1.5 to 2 feet				
76	Slide, tunnel, swing, door mat	For playing					

ANNEXURE-A

SPECIFICATIONS

Equipments for NPCDCS

1. VIA 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 garde)
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.

2. 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 abd 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.

4..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 o.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 60601-1General 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- of: 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;

5.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

6. 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 +- 3mmHg of +-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. <u>Aneroid:</u>

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 b made of good quality thermoplastic/corrosion insufflations.
7. The pressure release valve should permit precise released 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*.

9. <u>Stethoscope</u>

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 confirm 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).

10. <u>Examination Table</u>

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.

Equipments for NMHP

2. Bed Side Locker

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

Specification

Technical Specification:

- Overall Size (Approx): 40 (H) x 40 (W) x 80 (H) cms.
- Should have an enclosed locker unit which is provided with 50 mm dia non rusting castors for mobility.
- A stainless Steel tray top with raised borders on 3 sides forming the upper surface.
- Drawer should be fitted with smooth slides.
- Should be provided with shelf space for storage under the Drawer with locked Cabinet at below.
- Drawer and cabinet should have front door.
- Should have one drawer & one cabinet box with self space in between.
- The body should be made of 20 G MS CRCA sheet.
- Two buffers shall be provided at rear side of the locker box.
- All MS parts to be pre-treated and epoxy powder coated.
- All SS to be of 304 Grade and 16 Gauge.

1. Multi Para Motion (7 Para)

1. Overall approx Size: 2100 mm x 900 mm x 600 mm
2. Frame work made of rectangular M.S. tubes
3. Perforated CRC Sheet top in four sections
4. Backrest, Knee rest, Trendelenburg/Reverse Trendelenburg
5. Positions obtained by separate screw from foot end
6. Stainless Steel Head & Foot Bows with Laminated Panels
7. Up/Down Safety side railings
8. Provision of Telescopic I.V. Rod with 4 locations
9. Bed Mounted on 125 mm Deluxe Casters, two with brakes

10. Pre Treated and Epoxy powder Coated

4.Patient Examination Stool (Hydraulic)

Standard Height- 19 1/2” to 26 1/2”

Base Diameter-24”

Hydraulic Height Adjustment

Seat Diameter-16”

Rotation Lock

COM Requirements 1 yd.

Weight Capacity 300 lbs.

5.Patient Examination Couch

- Frame Work of the bed is made of Rectangle & square tube
- It has 2 Section Cushioned top.
- The body section is mounted on 10cm castors
- The Back Section is adjustable by electric actuator control by remote
- The height is adjustable by electric actuator control by remote upto 80cm
- Product Size: 183L x 60W x 60Hcms
- Knock Down Construction to save freight
- We are Exporters, Manufacturers and Suppliers of Electric Examination Couch at wholesale competitive prices from India

Instruments & Equipment’s for NBCC

1. **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 pulmonar-driven pressure cycle functions. 1.2 Used by clinical department/wardIt 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 dissemble 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 CONSIDERATONS 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 internationalISO 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 prices9.4 Others10. 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 (Hierchy Wise; including a toll free/landline number)-NA 11.2 Recommendations or warnings-NA.

2. <u>Suction Machine (Foot Operated)</u>

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 withsynthetic rubber lids. The bottle shall be fitted with the arrangement to prevent overflowof 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

3. <u>Stetho Scope (Paediatric)</u>

- 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.

5. 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/Stuff 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

6. Laryngoscope Paediatric : (0 & 1 Blade)

9. 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"

10. 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)

1. 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

2. 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

3. 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.

4. 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.

5. 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

1. Hot Air Oven

1. Should be operated on 230V, 50Hz single phase AC supply and having temperature ranging between 50-200ºC
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.

2. Lab. Incubator

1. Should be operated on 230V,50Hz single phase AC supply, and having temperature ranging from ambient to 60ºC
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.

3. 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 x 10-6S/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

4. 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.

5. Cell Counter Mannual (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. I t should be 6unit-8keys and totaliser 6. It has a dual knob on both ends to facilitate easy resetting.

6. 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

10. 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 to10 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.

Dental Instruments & Equipments

Dental Chair

Standard Configuration

- Dental stool with rotating arm
- Collision-avoidance System
- (Chair frame & Backrest Assistant tool tray)
- Auto flush & Water supply, constant temperature system
- Assistant control System
- 24V DC Taiwan Motor
- High- Grade Imported electromagnetic valve (ODE)
- US Water & Air Pipe
- OPG Film Viewer
- LED Sensor Lamp
- Flat Bottom Glass Cuspidor
- Strong & Weak Suction
- Pure Water System
- 3 Way Syringe
- 2 hole hand-piece tube
- All Rubber PU leather
- Multi Functional foot peddle
- External ground box
- Painted Chair frame & all metal base

- Power Supply Voltage : 220V-50HZ
- DC Motor's Voltage : 24 V
- Air Source Pressure : 0.55 MPA
- Water Source Pressure : 0.2Mpa~0.4Mpa

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2

Compressor

Power	Speed	Air Displacement	Max Pressure		Tank	N.W	Dimensions
KW	R.P.M	L/min	Bar	Psi	L	KG	LxWxH(cm)
0.55	1410	95	7	100	25	33	40x40x53

Dental X-Ray (Tube Head)

Power Supply 230V +- 10%
X-Ray Tube 70kV, 10mA
Focal Spot 0.8mm x 0.8mm
Focus to the Skin Distance 20cm
Filtration 1.5 – Al
Lead coated cone and tube head

Dental X-Ray (Wall Model Scissor Arm)

Power Supply 230V +- 10%
X-Ray Tube 70kV, 10mA
Focal Spot 0.8mm x 0.8mm
Focus to the Skin Distance 20cm
Filtration 1.5 – Al
Lead coated cone and tube head
Exposure Time 0.1s to 2.99s
Anatomic Programmes (Optional) 30 pre-set time with cordless remote
Micro processor base timer with cordless remote for time setting and exposure

Minor oral surgery

Micromotor, straight handpiece, mucoperiosteal elevator, BP handle # 3, chisel, osteotome, mallet, curette, apexo elevator, bone file, rongeur, needle holder, , non tooth forecep, tooth forecep, mouth prop, stitch cutting scissor, dissecting scissor, biopsy forecep, fissure bur # 701, round bur # 2.

Restoration/ filling

Composite kit with light source & teflon coated instruments.
Fissure sealant, amalgam alloy, mercury, dappen dish, mortar, pestle, carrier, plugger, carver, excavator, ball burnisher, amalgamtor
GIC fuji type – II, IX, Zinc oxide, eugenol, cement carrier, spatula, glass slab, plugger, calcium hydroxide.

RCT

Airotor handpiece, straight fissure bur, round bur, file, reamer ,broach , sodium hypochlorite, hydrogen peroxide, electric pulp tester, RVG unit

Scaling

Ultrasonic scaler

Prosthesis

Perforated tray, green stick, acrylic monomer, polymer, impression compound, alginate, bowl spatula, vulcanite bur, round end tapered bur, end cutting bur, flame shaped bur, needle diamond tapered bur.

HBNC Kit

Sl.no.	Name of Items
1	**Baby Weighing Scale with sling-** Eligibility Criteria:Manufacture should be ISO cerified.Technical Specification: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 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-** Eligibility Criteria:Manufacture should be ISO certified.Technical Specification: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-** Eligibility Criteria: Manufacturer should be ISO certified.Technical Specification: 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)**

Sanitary Napkin Incinerator:

Sl.No	Details	Specification
1	Type	WALL MOUNTED Auto Cut-OFF ELECTRICALLY SAFE CEREMIC INSULATED
2	Capacity per cycle	15 TO 20 PADS PER CYCLE
2a	Capacity per day	135 TO 180 PADS PER DAY
3	Cycle Time	1 Hr
4	Housing- External	CRCA STEEL OF 1.2 MM THICKNESS
5	Dimensions (WxDxH) mm	300 x 250 x 600 mm
6	Weight	20 Kg
7	Insulation	Thermal Ceramic Sheet with Glass wool of 4-5 mm thick
8	Wattage	1000 WATT
9	Power Saver	AUTO CUT-OFF PROVIDED
10	Residue Ash	LESS THAN 1 GM PER CYCLE
11	Temperature Cut-off	YES WITH LED DISPLAY
12	Heater	CERAMIC HEATER 1000WATT
13	flue gas pipe provided	YES 2 mtrs flexible with Clamp
14	Safety MCB provided	Circuit breaker

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

1.3. Power Supply:

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

1.4. Quality Standard:

- The model should be USFDA/CE/BIS certified
- The manufacturer should be ISO13485 certified
- The model should be compliance 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 beUSFDA/ 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 905nm

  Probe-2:
- Power output of 10mW at 640nm

  Scanner:
- 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 cannel for connecting two probes for simultaneous operation.
- The unit should be operated in continuous and pulse modes pf 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: 2200230 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 Hummers, 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), Circumdation& 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; plat form based one which should be very simple for easy accommodation of multiple patients of age group.
- The handrails should be in single piece, circular in design stainless steel ribbed pipe of minimum diameter 1 1/2".
- Both the end of the handrails should be fitted with bumpers.
- The Uprights should be made of heavy gauge square 1 1/2” steel tubes.
- All parts should be powder coated except the handrail. The handrail should single piece stainless steel pipe
- The uprights are to be fitted on a 1 1/2” thick hard plywood base water and termite resistance. Both end of this platform should be curved slope for obstruction free. The platform should be stain finish. Both the end of the plat form should have two anti-slip threads for none skidding.
- Safety treads at both ends of platform should be provided for safety of the patient when take turn.
- Models make it safer for patient to turn

15.3: Minimum dimension of the structure:

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

16. Stair climbing training unit

16.1: Clinical Use: It use 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 6step UP and 4 step 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 category of patient.
- Can be easily sifted 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"Lx 30"W x 24" H
- Complete unit shall be made of good quality Poly Wood of water and termite resistance
- The supplier should be ISO certified.

17. Adult Trampoline

17.1: Clinical use: Use for coordination training of Parkinson, tabesdorsalis 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 1feet
- 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 minimum28” 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”Wx 78”LLx 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 plith 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.

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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"
- Diamension: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 manufactuer should be ISO certified.

23. Shoulder wheel, over head pulley, Shoulder ladder (set)

23.1: Clinical use:

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

Technical Specification:

A. Shoulder Wheel:

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

B. Over Head Pulley:

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

C. Shoulder Ladder:

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

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 veiw 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 manufactuerer 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 .Measrurment 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:-1feet x1 feet(lxb)
3.multicoloured and multi shaped wooden pegs(triangular,square,cylindrical,rectangular)
4.ISO certification of manufacturer.

General Equipment's

Suction Machine (Eelctrical)

Eligibility Criteria:
- Should be FDA / CE /1SI approved product
- Manufacturer should be ISO certified for quality standards.
- Shall meet IEC -60601-1-2:2001 (Or Equivalent BlsO General Requirement of Safety for Electromagentic Compatibility or should comply withj S9/366/EECEMC- directive

Operational Requirements
- Shall have Motor (CE/1S1 marked) of minimum [1]A 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 litters with synthetic rubber lids. The bottle shall be fitted with the arrangement to prevent overflow of fluid.
- ON/OFF Switch and Power indicator should be available
- Body material: Base, top & panel made of rust proof and corrosion resistant moulded ABS. Jar/Bottle material: Autoclavable polycarbonate.

Supplied with:
3 Core lead of 2 meter long with one 3 pins 15 amp. Plug -01 The Following spares per machine are also required:-
i) Bottles 2 Nos.
ii) Lids 2 Nos.
iii) Rubber Seals 2 Nos.
iv) Blades 2 Nos.
v) Suction Tubing set 1 No

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

Lead Appron

- 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.

OXYGEN CONCENTRATOR

Description of Function:

1.Oxygen concentrator to provide oxygen from ambient air

Technical Specification:

Oxygen concentrator to provide oxygen from ambient air.

1. Oxygen concentration measured at the flow meter by oxygen sensing device (OSD)

2.Sound level <43 dB

3.Superior grade of molecular sieve

4.Maintenance free rotary proppet valve.

Built-in Inlet filter and receiver:

1.Oxygen purity, approx: 90%

2.Oxygen output, approx: 0 - 5 LPM

3.Pressure, approx: 7 psi

4. Single outlet for oxygen Delivery

5. Oxygen tube of 2 m length must be provided with two humidifier bottles and two cabinet filters.

6.Masks: Necessary mask suitable to Neonatal should be provided –2 sets.

Supplied with:

1. 1 x spare set of tubing

2.1x Flow splitter

3. 1 x spare set of internal and external filters (bacterial)

4.2x humidifier bottles and 2x cabinet filters

5.2x spare set of fuses

Environmental factors:

1.The unit shall be capable of being stored continuously in ambient temperature of 0-50 deg C and relative humidity of 15-90%

2.The unit shall be capable of operating continuously in ambient temperature of 10 -40 deg C and relative humidity of 15-90%

Power Supply

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

The payment of CMC (Year wise) shall only be made on a six monthly basis after completion of the 2 years on site comprehensive warranty.

<u>B.P. Apparatus (Aneroid)</u>

- Should be aneroid type
- Should be shock proof
- Should be latex free arm cuff
- Light weight: easy to carry
- Range of BP monitoring: up to 300 M.M. Hg with an accuracy of +/- 3mm Hg.
- The housing of meter should b made of good quality thermoplastic/corrosion insufflations.
- The pressure release valve should permit precise released of pressure and also allow last deflation.
- Micro filter must be provided to protect air release valve and measuring system.
- Should have spoon shaped grip made of stainless steel.
- The device should be shock resistant

- Should be supplied with following reusable cuffs: *Child & Adult*.

B.P. Apparatus (Digital)

- 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 +- 3mmHg of +-5%.
- Should have battery backup for more than 1000 measurements with new alkaline battery (AA Type).

The instruments should be CE Method (certified to be submitted in technical bid)

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 plethismographic 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 ±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$_o$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 le 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 Wat**t : 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$_0$ 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

Ultrasound Colour Doppler

GENERAL

1. USE

1.1 Clinical purpose:

Doppler ultrasonography is a non-invasive diagnostic procedure that changes sound waves into an image that can be viewed on a monitor an ultrasonic technique for detecting anatomic details by color coding of velocity shifts. In cardiography blood flowing in one direction appears red, and blood flowing in the opposite direction appears blue. The technique can also indicate the velocity of red blood corpuscles moving through the circulatory system, which makes it possible to quantify the flow, measure the pressures within the heart chambers, and calculate the stroke volume. In laparoscopy, Doppler colour flow allows for rapid

identification and differentiation of ducts and valves in the viscera, particularly in detection and diagnosis of pancreatic and liver tumours' and colorectal liver metastases.

1.2 Used by clinical department/ward: O&G/Radiology diagnostic laboratories.

TECHNICAL

2. TECHNICAL CHARACTERISTICS

2.1 Technical characteristics (specific to this type of device)

The system should be state art with full Digital Technology & should be capable of whole body sonography & other application for adult & paediatrics (Infants & Neonates) which includes abdominal, Obs/Gyn, Endovascular, Peripheral vascular, transvaginal, transrectal & small parts.

1) The system should incorporate facility for high resolution 2D, 3D, M mode, PW color imaging, Power Doppler Anglo Imaging Modes.
2) The system should have more than 20000 Digital Channels
3) The system should have 256 Grey shade or more.
4) The system should have capability of triplex display in real time with all probes.
5) The system should have a very high frame rate of 700 frames per second or more.
6) The system should have Harmonic imaging.The system shall support Tissue Harmonic Imaging capability on phased, linear, 3D and curved array transducers.
7) The system should have advance image processing algorithms to analyze between targets & artifacts so as to sharpen target anatomy, reduce the sparkle & artifacts to improve image quality.

8) The system shall offer Harmonic Imaging in Power Doppler Imaging mode for improved sensitivity and specificity in differentiating blood/ agent from tissue.
9) The system should have facility for Zoom(Real-time and Frozen-image) & manipulation of image through pre-processing and post-processing with cine loop viewing image of all modes.
10) System should have disc of at least 500 GB or more.
11) The system should have facility of digital storage & retrieval of B/W & colour image data (Both frozen & cine loops) on built in as well as ramble media (CD, DVD) USB port.

12) The system should have automatic real time quantification of Doppler parameter like velocity, frequency, time heart rate stop, flow volume, plasticity index, resistivity index, peak velocity, average value, point value, area & diameter flow volume etc.
13) The system should have high dynamic range of minimum 170 dB with scanning depth of 30 cm or more.
14) All transducers (minimum 3) should be broadband width, Frequency range 2 to 12 MHz or more with universal ports for transducer interchange. Two active ports and one one parking port is required.
15) System should have 17"/19" HD display with tilt and swivel Facility along with alphanumeric keyboard with illuminating keys and status function.
16) Dicom 3.0 compatible.
17) Review of stored images is desirable.

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2.2 User's interface Software, Automatic (stages to be displayed or recordable for printing).

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

3. PHYSICAL CHARACTERISTICS

3.1 Dimensions (metric) :NA
3.2 Weight (lbs, kg): NA
3.3 Configuration: NA
3.4 Noise (in dBA) - Noise-free system.
3.5 Heat dissipation - Heat Dissipation: Should maintain nominal Temp and the heat should be Disbursed through a cooling mechanism.
3.6 Mobility, portability - Certified Room Installation.
4. ENERGY SOURCE :(electricity, UPS)
4.1 Power Requirements Power unit: Input voltage- 220V-240V AC, 50Hz Single-phase.
4.2 Battery operated: Yes
4.3 Tolerance (to variations, shutdowns): NA
4.4 Protection NA
4.5 Power consumption -NA
5. ACCESSORIES, SPARE PARTS, CONSUMABLES
5.1 Accessories (mandatory, standard, optional); Spare parts (main ones); Consumables/reagents (open, closed system)-Machine should be supplied with following transducers:-

1. Broad band convex array transducer with multi-frequency range of 2 to 5 MHz or wider range-1 No.
2. Broad band trans-vaginal probe with multi-frequency range between 5 to 8 MHz or wider range – 1 No.

The system should have following documentation devices
a) B/W Thermal printer of latest model

b)Glazed thermal paper rolls 50 no. & 5 rim of Glossy paper sheet.
c) Online Ups for power back up of minimum 30 minutes

6. ENVIRONMENTAL AND DEPARTMENTAL CONSIDERATONS **6.1 Atmosphere/Ambiance (air conditioning, humidity,dust ...)**
1) Operating condition: Capable of operating continuously in ambient temperature of 5 to 50 deg C and relative humidity of 15 to 80% in ideal circumstances.
2) Storage condition: Capable of being stored continuously in ambient temperature of 0 to 50 deg C and relative humidity of 15 to 90%.
6.2 User's care, Cleaning, Disinfection & Sterility issues
1) Disinfection: Parts of the Device that are designed to come into contact with the patient or the operator should either be capable of easy disinfection or be protected by a single use/disposable cover.
2) Sterilization not required.

7. STANDARDS AND SAFETY
7.1 Certificates (pre-market, sanitary,); Performance and safety standards (specific to the device type);Local and/or international
1. Should be USFDA & European CE (Notified body) /BIS approved product.
2. Manufacturer should have ISO 13485 certification for quality standards.
3 Electrical safety conforms to the standards for electrical safety IEC 60601-General Requirements (or equivalent BIS Standard)
4. Shall meet internationally recognised for Electromagnetic Compatibility (EMI/EMC) for electromedical equipment: 61326-1.

5. Certified to be compliant with IEC 61010-1, IEC 61010-2-40 for safety.

8. TRAINING AND INSTALLATION

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

1) Availability of 5 amp socket;
2) Safety and operation check before handover;
3) To be installed in a separate room.

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

8.3 Training of staff (medical, paramedical, technicians)

1) Training of users on operation and basic maintenance for 2 weeks;
2) Advanced maintenance tasks required shall be documented

9. WARRANTY AND MAINTENANCE

9.1 Warranty 2 years

9.2 Maintenance tasks CMC 3 years 2 PM Visits Annually. All Breakdown calls to be attended within 24 hrs of registartion.

9.3 Service contract clauses, including prices

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

10. DOCUMENTATION

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

1) User, technical and maintenance manuals to be supplied in english/hindi language along with machine diagrams;
2) List of equipment and procedures required for local calibration and routine maintenance;
3) Service and operation manuals (original and copy) to be provided;
4) Advanced maintenance tasks documentation;
5) Certificate of calibration and inspection

10.2 Other accompanying documents

List of essential spares and accessories, with their part numbers and cost; **11. NOTES**

11.1 Service Support Contact details (Hierarchy Wise; including a toll free/landline number) Contact details of manufacturer, supplier and local service agent to be provided; Any Contract (AMC/CMC/add-hoc) to be declared by the manufacturer;

11.2 Recommendations or warnings Any warning signs would be adequately displayed

40. Safe Delivery Ki

One Delivery Kit contains the following items:

A. For Doctors & Paramedical Staffs: -

Pack -1 .

Sl. No.	Name of the item with Specification	Quantity
1	Disposable sterilized hand Gloves upto elbow (Size-7”)	2 Pairs
2	Disposable Goggles for Eye protection	1 No.
3	Water proof 3 layer Face Mask	1 No.
4	Disposable Shoe cover upto knee with elastic	1 No.

5	Disposable non-absorbable, non-wovwn apron with with full arm elastic (long)	1 No.
6	Disposable Surgeon's Cap universal (ladies & gents)	1 No.

B. For Mother& Baby

In every 4 kits of the above items (A). One kit of the following items (B) to be provided in a pack

Pack -2

Sl. No.	Name of the item with Specification	Quantity
1	Turkish towel wrapper with clip (for wrapping the baby)	1 No.
2	Delivery drape with central hole (non-woven)	1 No.
3	Under layer bedspreads for delivery, non reflectable , white colour, Size- 2.1 x 1.2 meter approx..	2 Nos.
4	Poluthene Bag for placenta and other waste (75Cm x 75Cm)	2 Nos.
5	Cord Clamp	2 Nos.

41. Slit Lamp Applanation Tonometer

Stereo Microscope Type	Galilean
Magnification Changer	Drum rotation
Working Distance	100 mm
Objective Lens Focal Length	f 100 mm
Eye Pieces (Large Optics)	12.5x
Total Magnifications	6x, 10x, 16x, 25x, 40x
Real Field of View	43, 27,16,11, 7 mm
Inter Pupillary Distance	55 - 75 mm
Diopter Adjustment Range	-6 D to +6 D
Common Specifications	
Slit image Width	0 to 14 mm continuously variable
Slit image Height	0 to 14 mm continuously variable
Illumination Field Diameter in mm	0.2, 2, 3, 4, 6, 8 & 14 mm
Slit Rotation	0° to 180°
Slit Inclination	5°, 10°, 15°, 20°

Sclerotic Scatter Knob	for Indirect illumination & Retro illumination
Filters	Heat absorbing, Green (Red free), Cobalt blue
Illumination	12 V- 30 W Halogen lamp / 3.4 V-700 mAh LED
Operation	3 Dimensional single handed operation
Instrument base movement	99 mm (in/out), 30 mm (up/down),118 mm (left/right)
Physical Parameters	
Dimensions L x W x H)	725 x 460 x 555 mm
Weight	net 20 Kg and gross 27 Kg (approx)
Chin rest movement range	120 mm
Electrical Specifications	
Power supply	~110-230 V, 50-60 Hz
Power consumption	45 W max(Halogen) / 2.4 W max(LED)

Standard Accessories

- Focusing test rod & dust cover (1)
- Allen key(1 set)
- User manual(1),
- Slitlamp dust cover(1)
- Fuse(3)
- Mirror(1)
- Breath shield(1)
- Rack guard(1set)
- Chin rest pins(2)
- Chin rest paper pack(1set)

Optional Accessories at an extra cost

- Manual stand
- Motorized stand
- Hruby lens
- Yellow filter
- Neutral density filter
- I.R.cut off filter
- 12 V- 30 W Halogen lamp
- 3.4 V-700 mAh LED
- Eye pieces 15x for 2 step ,3step & 5 step
- Diffuser filter

Anterior Segment Imaging & Video Documentation

Beam Splitter, C-Mount, High Resolution CCD Camera (½'',OSD, S-Video & BNC)

42. TRUE NAT (Chip -Based Rea time PCR test for Rifampicin resistant Mycobacterium tuberculosis)

Pack Size : 1/5/20/50/100 T, Shelf Life : 12 Months

Micro PCR chips pre-loaded with dried down bomix comprising oligonucleotides (primers and probes specific to wild type rpoB gene of Mycobacterium tuberculosis, which covers mutation prone regions of rpoB gene specific for rifampicin resistance and intermal control for temperature correction), dNTPs, DNA polymerase in proprietary buffer and sealed with inert polymer.

Sample pre -treatment pack for MTB samples

Pack size : 1/5/20//50/100 T , Shelf Life : 24 months

1. Liquefaction Reagent in proprietary buffer.
2. Lysis Reagent in proprietary buffer.
3. Disposable graduated transfer pipette.

43.TRUE NAT (Chip -based Real Time PCR test for Mycobacterium tuberculosis)

Pack Size : 1/5/20/50/100 T, Shelf Life : 12 Months

Micro PCR chips pre-loaded with dried down bomix comprising oligonucleotides (primers and probes specific to ribonucleoside- diphosphate reductase gene and insertion sequence (IS6110) tuberculosis and internal control DNA) dNTPs, DNA polymerase in proprietary buffer and sealed with inert polymer. of Mycobacterium

Sample pre -treatment pack for MTB samples

Pack size : 1/5/20//50/100 T, Shelf Life : 24 months

1. Liquefaction Reagent in proprietary buffer.
2. Lysis Reagent in proprietary buffer.
3. Disposable graduated transfer pipette.

44. TRUE LAB (Real-Time quantitative micro PCR Analyzer (Single Channel))

Principle	Patented real-time micro PCR
Optics	Fluorescence, Three Wavelength
Speed **Throughput**	40 cycles of PCR/35 minutes 1 chip at a time
Interface	Wi-Fi, 3G, Bluetooth
Calibration	Auto-calibration
Memory	20,000 test results
Operating environment	Temperature: 15-40°C, RH: 10-80 %
Display	Capacitive 5" Touch Screen
Printer	External 2" Bluetooth Thermal Printer

Power	Rechargeable Lithium lon Battery Pack: 7.4V; 8.7 Ah Input to AC/DC adaptor: Single Phase 100-240V; 50/60HZ; 1500 mA Output from AC/DC adaptor: 10 V; 4500MA; 45VA If the input specifications in your country do not meet the above requirements, please contact your local Molbio representative.
Weight	1.5 kgs
Size	248 mm x 185 mm x 1 12 mm

Auto-Specifications-Extraction Device

Principle :	Proprietary matrix-based extraction
Operation :	Fully Automatic
Display Screen :	2 line alphanumeric LCD
Power :	Rechargeable Lithium lon Battery Pack 7.4 V, 11.6 Ah External AC/DC adaptor: Input 1.5A, 100/240V, 50/60 Hz Output 10V, 4.5A
Weight :	10/1/20192.9 kgs
Size :	215 x 235 x 115 mm
Software:	Proprietary firmware
Operating environment :	Temperature 15-45°C, RH: 10-90%

45. TRUE LAB (Real-Time quantitative micro PCR Analyzer (Two Channel))

Principle	Patented real-time micro PCR
Optics	Fluorescence, Three Wavelength
Speed **Throughput**	40 cycles of PCR/35 minutes 2 chip-Random access
Interface	Wi-Fi, 3G, Bluetooth
Calibration	Auto-calibration
Memory	20,000 test results
Operating environment	Temperature: 15-40°C, RH: 10-80 %
Display	Capacitive 5" Touch Screen
Printer	External 2" Bluetooth Thermal Printer
Power	Rechargeable Lithium lon Battery Pack: 7.4V; 8.7 Ah Input to AC/DC adaptor: Single Phase 100-240V; 50/60HZ; 1500 mA Output from AC/DC adaptor: 10 V; 5500MA; 55VA If the input specifications in your country do not meet the above requirements, please contact your local Molbio representative.
Weight	3.6 kgs
Size	240 mm x 242 mm x 159 mm

Auto-Specifications - Extraction Device

Principle :	Proprietary matrix-based extraction
Operation :	Fully Automatic
Display Screen :	2 line alphanumeric LCD
Power :	Rechargeable Lithium lon Battery Pack 7.4 V, 11.6 Ah External AC/DC adaptor: Input 1.5A, 100/240V, 50/60 Hz Output 10V, 4.5A
Weight :	10/1/20192.9 kgs
Size :	215 x 235 x 115 mm
Software:	Proprietary firmware
Operating environment :	Temperature 15-45°C, RH: 10-90%

46 .TRUE LAB (Real-Time quantitative micro PCR Analyzer (Four Channel))

Principle	Patented real-time micro PCR
Optics	Fluorescence, Three Wavelength
Speed Throughput	40 cycles of PCR/35 minutes 4 chip-Random access
Interface	Wi-Fi, 3G, Bluetooth
Calibration	Auto-calibration
Memory	20,000 test results
Operating environment	Temperature: 15-40°C, RH: 10-80 %
Display	Capacitive 5" Touch Screen
Printer	External 2" Bluetooth Thermal Printer
Power	Rechargeable Lithium lon Battery Pack: 7.4V; 8.7 Ah Input to AC/DC adaptor: Single Phase 100-240V; 50/60HZ; 1500 mA Output from AC/DC adaptor: 10 V; 5500MA; 55VA If the input specifications in your country do not meet the above requirements, please contact your local Molbio representative.
Weight	5.2 kgs
Size	400 mm x 242 mm x 159 mm

Auto-Specifications-Extraction Device

Principle :	Proprietary matrix-based extraction
Operation :	Fully Automatic
Display Screen :	2 line alphanumeric LCD

Power :	Rechargeable Lithium lon Battery Pack 7.4 V, 11.6 Ah External AC/DC adaptor: Input 1.5A, 100/240V, 50/60 Hz Output 10V, 4.5A
Weight :	10/1/20192.9 kgs
Size :	215 x 235 x 115 mm
Software:	Proprietary firmware
Operating environment :	Temperature 15-45°C, RH: 10-90%

47. O.T. Table Hydraulic

FEATURES

- Table top is made with stainless steel grade 304 to avoid rust with concealed pump.
- The five section Stainless Steel table top is equipped with removable, antistatic mattresses
- All the positions are realized by a mechanical driver.
- The table is furnished with hard, robust stainless steel shell which provides the sense of dirt free & sanitized operations
- Precision made hydraulic system with a single lever action hydraulic life controlled by a foot pedal.
- Five section stainless steel top gives anatomic adaptation to the patient body.
- Inbuilt Kidney Bridge and large perinea cut out for drainage.
- Manual floor locking system

TECHNICAL DATA

Top Dimension	: L 1900mm x W 520mm
Height Adjustment	: 762mm-1000 mm
Trendelenburg /Reverse	: 30/ 25”
Lateral Tit	: 20/20”
Kidney Elevator	: 150 mm
Bock Rest (up /down)	: 80/25”
Leg Rest up/down)	:15/90”
Head Rest up/ down)	: 20/60“
Patient Weight Capacity	: 200 Kgs

48. Obstetric Gyne Table

TECHNICAL DATA

Top Dimonsion : L1630mmx W 550mm
Height Adjustmient : 680mm-1090 mm
Seat Plate [down /up): 8/15”
Back Plate (down/up 70/10”
Warranty 1 Years

Patient Weight Copacity : : 200 Kgs

FEATURES

In terms of quality, reliability and functionality Operating Table is being acknowledged as the ideal solution for Gynecalogy and Obstetrics. Due to its modular design, can be flexibly adapted to your needs and configured to suit your exact surgical requirements. ME-700G-H is Hydraulic operation table for gynecology and obstetrics With full affinity profile. Pink color is available for the mattress. It overcomes the slow speed of similar products

48. Fire Extinguisher

Fire effecting a glow when burning on Paper, Wood, Textile. Inflammable liquids, plastic & Chemicals. Electricals fires and gas under pressure. Capacity of each cylinder is 4Kg. multipurpose dry power with ISI mark.

49.Fully Automated Auto-Analyser: -

Fully automated random access chemistry analyzer bench top with stat sample priority.

2] Through put of 180-200 photometric tests / hour, 200- 270 ISE test/ hour.

3] Bar code system for detection of sample ID and reagent.

4] 40 positions for samples and 40 reagents position with onboard cooling for reagent.

5] Sample volume 2-35 l (0.1 l increments) and reagent volume of 20-400 l.

6] Separate pipette for reagent and sample.

7] Pre-dilution and automatic re-assay with diluted sample / reduced/ increased sample volume should be there.

8] Continuous sample loading provision.

9] Serum plasma, urine, CSF and supernants can be processed in the machine.

10] Sample pipette with liquid level sensor and crash protection, rinsed from inside and outside.

11] Reagent inventory and calculation of remaining reagent volume and test should be available.

12] Reaction temperature 37OC ± 0.3.

13] Light source- Halogen tungsten lamp.

14] Calibration principle should be linear, factor, 2 point, point to point, spline, log-logit and exponential.

15] Assay test - End point, Kinetic, Biochromatic, turbid metric, sample blanking and reagent blanking and ISE (Via optional integrated ISE unit).

16] Reusable Pyrex cuvette with minimum volume of 180 l, maximum volume of 500 l with 8 stage cuvette washing system.

17] Inbuilt automatic QC and automatic calibration. Daily, monthly batch QC with data archiving.

18] Complete PC along with easy to operate software should be provided with the analyzer with the storage of > 20,000 patients report with search facility.

19] Input voltage – 100 to 240 Vac. 20] Power consumption < 700w. 21] Warranty for 2 years

58. BODY CARE MASSAGE CHAIR

- Auto body scan
- 136cm SL Track
- AI voice control function in English
- Air purify by negative
- Ion 3D Zero – Gravity
- One-Key to forward (Space Saving Design)
- Air pressure programs for full body
- The armrest is integrated with the whole machine
- Heating function on waists food rollers & Guasha
- Leg part is adjustable stretch & swing function
- 3 auto modes, 3 levels for strength 7 width adjustment
- LCD touch screen

61. 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

62. SAMPLE TRANSPORT BOX (THERMOCOOL)

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

63. STOOL TRANSPORT CARRIER

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

64. SMEAR TRANSPORTING BOX

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

65. NON CONTACT TONOMETER

FEATURES:

- It should be Measures IOP through Eyelid and Sclera (No contact with corneal eyeball)
- No Puff, No direct contact with eyeball hence painless patient friendly
- Safe: No risk of infecting or scratching cornea
- No need for sterilization or disinfection (Contact with eyelid only)
- Enables IOP measure with contact lens on
- Easy to use, easy to calibrate and quick to measure
- No consumables like rubber cover, plastic tip, proparacaine drops etc.

SPECIFICATION:

- Device: Transpalpebral Digital Tonometer for IOP measurement
- IOP Reading Range: Goldmann Scale: 7 -50 mmHg
  Maklakov's Scale: 15-53 mmHg
- Absolute Permissible Error Limits for IOP measurements:
  (Goldmann), mmHg, within the range of 7-23 mmHg - ±2
  Above 23 mmHg - ±5
  (Maklakov), mmHg, within the range of 15-28 mmHg - ±2
  Above 28 mmHg - ± 5
- Measurement Modes: IOP – Goldmann Scale : G (True)
  IOP – Maklakov's Scale: M (Ton)
- IOP Measurement Time: 2 sec (Max.)
- Power Consumption during measurement: 100 mA(Max.)
- Power Supply: Battery and Voltage – 1 AAA, R03 x 1.5 V
- Display: LED
- Data Output: Display Window
- Overall Dimensions: (LxHxW) – 173 x 27 x 21 (mm)
- Weight: 88g, incl. Batteries
- Operating Conditions: Operating Temperatures Range – From +10° C to +35°C

- Relative Air Humidity (Max.): 80%
- Atmospheric Pressure : 630 – 800mmHg

66. OPEARTING MICROSCOPE

- Description: Innovative design, highly versatile with latest 45 degree inclined optical system with LED light 'Schot German Optics'.
- Magnification: 5x, 10x & 20x with three step magni changer.
- Eye Pieces: SWF 12.5x paired super wide field.
- Working Dist: F – 200mm objective lens.
- Fine Focusing: Motorized with foot control
- Light Source: 120 W LED light source up to 48000 hours LED life illumination controlled by knob.
- Arm: Counter balanced pantographic arm with 320° rotation.
- Stand: Mobile Floor stand on four caster wheels for easy handling and absolute stability.
- Power Supply: AC 220 V – 240 V

67. ELECTRICAL CAUTERY

EASE new microprocessor based electro surgical units are available in market with outstanding performance of monopolar (cut & Coag) & Bipolar. In Many types of surgery were high precision & reliability are essential, microprocessor control provides the user safety & performance during surgery.

These units have pure cut, are exceptionally smooth & start promptly even in irrigated procedures. The blend gives a good homeostasis effect than Cutting & spray coagulation which rivals the best spark gap generators & with minimum cutting effect. The isolated bipolar output, which has a non-sparking characteristic, is ideal for microsurgery, neurosurgery, Laparoscopy & other application.

SALIENT FEATURES

• DISPLAY 7 SEGMENT LED
• DIMENSION(WXHXD) 290 MM X 106 MM X 200 MM
• WEIGHT 4 KG
• KEYBOARD FEATHER TOUCH
• INPUT SUPPLY VOLTAGE 230VAC +15%@50/60HZ

Monopolar Mode Cut

Mode	Programs	Power	Load	Operating FREQ
Pure	99	400w	500Ω	480Khz
Blend 1	99	250w	500Ω	480Khz
Blend 2	99	200w	500Ω	480Khz
Endocut	99	99%	500Ω	480Khz

COAG

Mode	Programs	Power	Load	Operating FREQ
Spray	99	120w	500Ω	480Khz
Fulgurate	99	150w	500Ω	480Khz
Dessicate	99	150w	500Ω	480Khz

Bipolar Mode

Mode	Programs	Power	Load	Operating FREQ
Soft	99	80w	300Ω	480Khz
Force	99	80w	300Ω	480Khz
Cut	99	100w	300Ω	480Khz

68. BIOFEEDBACK MULTIFUNCTIONAL THERAPY MACHINE

- EEG (alpha), EMG, Pulse, Temperature, Respiration, GSR ECG & HRV

- Continuous graphical display of all parameters, both simultaneously and singularly
- Visual feedback through digital display and color bar graph
- Audio feedback through headphones or speakers
- Facility to play audio of your choice for relaxation
- Facility to play visual of your choice on the monitor screen for relaxation
- Storage of patient data for review
- Plotting of graph depicting patient's progress for every parameter
- User definable event marker
- Facility for Video & Audio recording

69. COGNI PLUS MACHINE

THE COGNIPLUS TRAINING PROGRAMS SUBTESTS:

Attention

ALERT – Attention: Alertness

VIG – Attention: Vigilance

SELECT – Attention: Selective

FOCUS – Attention: Focused

DIVID – Attention: Divided

Working memory

VISP – Working memory: Rehearsal – visuospatial

CODING – Working memory: Spatial coding

NBACK – Working memory: Updating – visual

DATEUP – Working memory: Updating – spatial

Long-Term memory

NAMES – Long-term memory: Learning of face-name associations

Executive functions

HIBIT – Executive functions: Response inhibition

PLAND – Executive functions: Planning and action skills

Spatial processing

ROTATE – Spatial processing: Mental rotation

Visuomotor skills

VISMO – Visuomotor coordination

Neglect/field of view training

SPACE – Neglect/visual field training: Visuospatial attention

70. COGNISTAT ASSESSMENT SYSTEM

Test should contain subtests to measure the following domains:

Language, spatial skills, memory, calculations, reasoning, attention span, registration (learning), orientation

71. WISCONSIN CARD SORTING TEST

(Computer Version) 4 WCST: CVT4 Research Ed.

72. TRIAL LENSE FRAME (ADULT)

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

73. TRIAL LENSE FRAME (CHILD)

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

96. 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

97. 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
- 300 Kg of each shelves capacity
- Adjustable shelves
- Fully finished powder coated
- Ground clearance 45MM
- Height x Length x width – 6’ x 5’ x 2’
- Colour- Will be placed in the purchase order
- Warranty: - 1 Year

102. INTRAOCULAR PRESSURE MEASUREMENT REBOUND TONOMETER

- Measuring range:3mmHg-70mmHg
- Precision: ±1.5mmHg (3mmHg≤IOP≤25mmHg).
- +2.5 mmHg(25mmHg3. Measurment
- Mode: Both vertical and horizontal measurement
- Mode: Both vertical and horizontal measurement Printer
- No need Anaesthesia

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

DIGITAL ECG MACHINE WITH BLUETOOTH

1. **ELECTROCARDIOGRAM**

PARAMETERS	SPECIFICATIONS
Number Of Channels	12 channels
Connectivity	Bluetooth
Capture Modes	12-lead or 6-lead
Battery Type	3.7V Rechargeable –Lithium Battery
Product Certification	ISO or CE or FDA or CDSCO Approved
Error Check	Inbuilt process error algorithms

2. **INTEGRATED MOBILE APPLICATION AND DASHBOARD**

- OS- Android
- Single Mobile application for multiple points of Care devices
- Data captured directly through Bluetooth/Micro USB/ Audio Jack connected Medical Devices
- Tele consultation plug-in
- Digital report delivery – SMS/ WhatsApp
- Integrated Bluetooth/ USB connected thermal printer for reports (i.e., Bluetooth/USB enabled Mobile Thermal printer, 3 inch/80mm)
- Historical Report generation
- Error Prevention algorithms
- Internet connectivity- 3G and above
- RAM -2GB recommended
- Memory - 50MB internal memory free
- Cloud Data storage
- Data Security
- Continued Online training support
- Dashboard- Population Health Analytics
- Customized reports

DIGITAL DIAGNOSTIC KIT

1. **DIGITAL BLOOD PRESSURE MEASUREMENT INSTRUMENT:**

PARAMETERS	SPECIFICATIONS
Type	Upper Arm
Display	LCD
Date and Time	Yes
Connectivity	Bluetooth
Battery	Yes
Number of Batteries Required	4
Function	Automatic
Pressure Measurement Range	0-280 mmHg

Minimum Pulse Measurement Range	40 beats/min
Maximum Pulse Measurement Range	199 beats/min
Pressure Measurement Accuracy	±3 mmHg
Other	Indicates on Low Battery, automatic switch-off
Error check	Inbuilt process error algorithms
Product Certification	ISO or CE or FDA or CDSCO Approved

2. DIGITAL BLOOD GLUCOMETER:

PARAMETERS	SPECIFICATIONS
Connectivity	Bluetooth / Mobile Jack
Display	Digital / Display on Mobile
Error Check	In built process error algorithms
Measuring Source	STRIP
Glucose Measuring Range/Dl	20 mg/dL to 500 mg/dL
Reading Time (In S)	5- 10 sec
Sample Quantity	1-2µL
Operating Temperature Range, °C	5 to 45
Others	FBS, PPBS, RBS TESTS
Battery	YES
Product Certification	ISO or CE or FDA or CDSCO Approved

3. DIGITAL HEMOGLOBINOMETER

PARAMETERS	SPECIFICATIONS
Connectivity	Bluetooth / Mobile Jack
Measuring Source	STRIP
Accuracy	<5% CV
Measuring Range	2 to 23 g/dL
Test Time	30-60 seconds
Blood Volume	8-10 µL
Operating Temperature	5 to 45 ° C
Error Check	In built process error algorithms
Battery	Yes
Product Certification	ISO or CE or FDA or CDSCO Approved

4. **DIGITAL WEIGHING SCALE:**

PARAMETERS	SPECIFICATIONS
Connectivity	Bluetooth
Maximum User Weight	180kg / 400lb
Body Composition Data	10-13 Key Body Composition Analysis
Display	LED / LCD
Product Certification	ISO or CE or FDA or CDSCO Approved
Battery	Yes
Error Check	In built process error algorithms
Indication	Low Battery Indication
Sensors	High Precision strain gauge sensors
Other	Step power on/auto power-off
Conversion	KG/LB/ST

5. **DIGITAL PULSE OXIMETER**

PARAMETERS	SPECIFICATIONS
Connectivity	Bluetooth
Battery	Yes
Battery Level Indication	Yes
Product Certification	ISO or CE or FDA or CDSCO Approved
Error Check	In built process error algorithms
Product Type	Portable
Others	Auto-Shutoff Function
Measurements	Oxygen Saturation Levels, Pulse Rate, Perfusion Index (Pi)

6. **OTOSCOPE**

PARAMETERS	SPECIFICATIONS
Connectivity	MICRO USB/TYPE C/ USB ADAPTER
Instrument Type	PORTABLE
Pixel	1-1.3 camera pixel
Error Check	Inbuilt process error algorithms
Resolution	1280*720;640*480
Focal Distance	1-2 cm
Lighting	6 Adjustable Led Lights
Certifications	ISO or CE or FDA or CDSCO Approved
Camera Diameter	3.9-5.5mm diameter

7. ELECTROCARDIOGRAM

PARAMETERS	SPECIFICATIONS
Number Of Channels	12 channels
Connectivity	Bluetooth
Capture Modes	12-lead or 6-lead
Battery Type	3.7V Rechargeable –Lithium Battery
Product Certification	ISO or CE or FDA or CDSCO Approved
Error Check	Inbuilt process error algorithms

8. DIGITAL HbA1C ANALYSER

PARAMETERS	SPECIFICATIONS
Product Certification	ISO or CE or FDA or CDSCO Approved
Connectivity	Bluetooth / Mobile Jack
Instrument Type	PORTABLE
Measuring Source	STRIP
Measuring Range	4 to 15% HbA1c
Test Time	3-5 minutes
Operating Temperature	18 to 40 ° C
Blood Volume	3-5 µL(whole blood capillary or venous)
Error Check	Inbuilt process error algorithms
Battery	Yes

9. DIGITAL LIPID ANALYSER

PARAMETERS	SPECIFICATIONS
Product Certification	ISO or CE or FDA or CDSCO Approved
Connectivity	Bluetooth / Mobile Jack /Manual
Measuring Sources	STRIP
Total Cholesterol Measuring Range	100 to 400 mg/dL
HDL Cholesterol Measuring Range	25 to 85 mg/dL
Triglycerides Measuring Range, mg/Dl	50 to 450 mg/dL
Test Time	Approximately 2 minutes

Operating Temperature	10-40 ° C
Blood Volume	15-35µL
Error Check	Inbuilt process error algorithms
Battery	YES

10. DIGITAL FETAL HEART MONITOR

PARAMETERS	SPECIFICATIONS
Display	LCD
Display Range	50-230bpm(±2bpm)
Working Frequency	3.0MHz
Battery	Yes
Error Check	In-built process error algorithms
Instrument Type	Portable
Others	Built-in Vibrator triggered by low oxygen levels and abnormal heart rate detection
Certifications	ISO or CE or FDA or CDSCO Approved
Connectivity Type	Bluetooth

11. DIGITAL STETHOSCOPE

PARAMETERS	SPECIFICATIONS
Product Certification	ISO or CE or FDA or CDSCO Approved
Connectivity	Bluetooth
Measuring Frequency Range	Heart Sounds 20Hz to 500hz; Lung Sound 20Hz to 500Hz
Type of Battery	Lithium Ion-RECHARGEABLE
Others	16 X Amplification with Noise Cancellation, Speaker And Headphone Compatibility
Power Adapter Available	Yes

12. INTEGRATED MOBILE APPLICATION AND DASHBOARD

- OS- Android
- Single Mobile application for multiple points of Care devices
- Data captured directly through Bluetooth/Micro USB/ Audio Jack connected Medical Devices
- Tele consultation plug-in
- Digital report delivery – SMS/Whats App

- Integrated Bluetooth/ USB connected thermal printer for reports (i.e., Bluetooth/USB enabled Mobile Thermal printer, 3 inch/80mm)
- Historical Report generation
- Error Prevention algorithms
- Internet connectivity- 3G and above
- RAM -2GB recommended
- Memory - 50MB internal memory free
- Cloud Data storage
- Data Security
- Continued Online training support
- Dashboard- Population Health Analytics
- Customized reports

FOGGING MACHINE

1.	Overall dimension Length	-	1090 mm (approx.)
2.	Breadth	-	260 mm /280 mm (approx.)
3.	Height	-	355 mm (approx.)
4.	Weight of the machine when empty	-	10.36 Kg.
5.	Petrol tank Capacity	-	1.0 Ltr
6.	Solution tank capacity	-	4.5 Ltr
7.	Petrol consumption	-	1 Ltr / hr
8.	Fog discharge rate	-	9 ltrs / hr
9.	Maximum Performance of the Engine	-	8500K Cal / hr
10.	Sound level	-	95 db
11.	Over pressure in solution tank	-	4.5 PSI
12.	Over pressure in petrol tank	-	1.0 PSI
13.	Supply to Ignition Oil	-	6V DC (1.5 V x 4 Dry cells) or 220 V. AC Supply 50 Hz

Along with the above specifications following standard accessories to be supplied with machine

1. Metal battery box with 4dry cells 1.5 V each for starting the machine -1 No
2. Wire brush with brush rod for cleaning combustion chamber and one hair brush for cleaning manifold - 1No. each
3. Funnel for filling insecticide solution and petrol - 1No. each

4. Spanners, size 14 -15mm (1 number)
   16 -17 mm (2 no.s)
   19 - 21 mm (1 no.s) - 4 Nos.
5. Spare Washer Kit - 1packet
6. Solution Nozzle & calibration Jet and Nipple - 1No each
7. **Safety kit**
   i. Mask for protection respiration (1 no.)
   ii. Hand Gloves (1 pair)
   iii. Spectacle for protection of Eyes (1No.)
   iv. Plug for protection of ears (1pair) - 1 Set

LASER THERAPY UNIT

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

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 905nm
  Probe-2:
- Power output of 10mW at 640nm
  Scanner: easy adjustable scanning arm for scanner mode
- 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 cannel 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
- Mode of Operation: - continuous & pulse (frequency 0 to 5000Hz)

2: ACCESSORIES:

5) Hand-piece
6) Foot switch
7) Carrier case
8) With attached trolley

3: Power Supply:

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

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

PATIENT UN-WEIGHING SYSTEM FOR GAIT TRAINING

- The frame and leg all made up of heavy duty CRC square pipe and power coated finish.
- Controlled by durable leather hanging belts for suspensions of patient's lower limbs for safety walking.
- Load cell suspension
- 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 power 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.

BLOOD CELL COUNTER (CBC MACHINE (3 PART))

FEATURES:

- User – friendly interface
- It should have various anaemia indication
- It should have text of alarm information
- It should have blank counting
- Automatically start a blank counting and auto-assessment of the results during start-up process
- Automatic re-counting
- Wider linearity range & excellent repeatability
- Maintenance – free syringe
- Built-in patented structure thermal printer. Easy to load paper and fast print of large size report
- State-of-the-art technology
- Free from any Manual Coding

TECHNICAL SPECIFICATION:

Measuring Principles:
Impedance methods for cells counting
Cyanide free colorimetric method for HGB measurement
Measuring Channels:
Double channel for counting
Throughput:
From beginning of a test to completion of the printout: = 60 seconds
Counting Modes:
Whole blood, Pre-diluted Blood
Sample Volume:
Whole Blood: = 14 µL
Pre-diluted Blood: = 20 µL
Parameters and Histograms:
21 parameters and 3 histograms:
WBC, Lymph#, Mid#, Gran#, Lymph%, Mid%, Gran%, RBC, HGB, MCV, MCH, MCHC, RDW-CV,
RDW-SD, HCT, PLT, MPV, PDW, PCT, P-LCR, P-LCC, WBC Histogram, RBC Histogram, PLT Histogram
Reference value settings:
Pre-set five sets of reference values: Man, Woman, Child, Baby and General
Alarm System:
Multiple alarms of running status including blank counting abnormal, reagents empty, waste full, counting hole clogged, counting area leak or bubble, recorder abnormal, external printer abnormal and circuit abnormal etc
Measures of Unclogging Treatment:
Back flushing, soaking and burning. Automatic unclogging treatment before and after the sample analysis
Printout:
English print report, optional report formats
Storage:
Can store more than 10,000 sample results, including parameters, histograms and patient information.
Support multiple conditions combination query

Communication:
Open communication protocol. Support connection to LIS
Data import and export:
Import or export data via USB port
Quality Control System:
Include 9 QC files, automatically draw quality control chart and provide the average, SD, CV
Calibration System:
Support manual and automatic calibration
Software Upgrading
Upgrading software via USB port
Display and Touch Screen:
True colour TFT LCD and touch screen
Printer:
Built-in patented structure thermal printer, paper 80mm wide, easy to load paper. Report printing takes only 5 seconds
Data Ports:
One network port, one RS-232 port, four USB ports

Optional External Devices with USB port:
Standard 101 keyboards, mouse, barcode, scanner and multiple printers
Power:
220V, 50Hz input power: = 150VA
Operating Environment:
Environment temperature: 10°C ~ 30°C
Relative humidity: = 70%
Atmospheric pressure: 70.0kPa ~ 106.0kPa

Spiro Meter

Forced Parameters Measured

Forced vital capacity:	FVC, $FEV_{.5}$, FEV_1, FEV_3, FEV_6, FEV_1/FVC, FEV1/FEV_6, $FEV_{.5}$/FVC, FEV_3/FVC, PEF, FEF25, FEF50, FEF75, FEF25-75, FEF 75-85, FET, FEV1/$FEV_{.5}$, FEV_1/PEF, MIF50, FIVC, FIV_1, FIV_1/FVC, FEV_1/FIV_1,PIF, MTT, PEV/PIF, Lung Age
MVV:	Br/min

Relaxed Parameters Measured

VC:	VC, TV, ERV, IRV, IC, Ti, Te, Tt, Ti/Tt
Maneuvers per patient:	5 total; best test and last test highlighted
Interpretation:	Selectable – Kory, Miller, ATS, NLHEP (Ferguson)
Predicted sets:	Selectable – 14 Total
Ethnic correction:	Selectable – % Actual, Caucasian, Hispanic, AfroAmerican
Language:	Selectable – English or Spanish

Measurement Scale (BTPS)

Flow range	0–16 L/sec
Volume	0–10 L
Measurement method:	Infrared Interruption via Digital Turbine
Dynamic flow resistance:	<1.5 cm H_20/L/sec @ 14 L/sec

Precision of Measurements (BTPS)

At highest volume:	+/- 3% or 50 mL
At highest flow:	+/- 5% or 150 mL
Time related precision:	.5%

Volume resolution:	<6 mL
Sampling frequency:	50 Hz

Hardware Specifications

Storage capacity:	1000+ studies
Keyboard:	Alphanumeric LCD touchscreen
Communication:	USB to printer and PC, RS232 Optional: Bluetooth to PC
Power supply:	2 x 1.5 DC Alkaline or NiMH batteries
Optional	OSHA module Flex Pulse Oximetry module and program NiMH battery/charger pack Calibration syringe

REFRIGERATOR (Single Door)

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

REFRIGERATOR (Double Door)

- Capacity of 240Liter Minimum 10 Years Compressor warranty
- Double door with 3 Star
- Built-in Stabilizer

REFRIGERATOR (Double Door)

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