

OFFICE OF THE CHIEF DISTRICT MEDICAL & PUBLIC HEALTH OFFICER –cum-DISTRICT MISSION  
DIRECTOR, KENDRAPARA  
[HEALTH & F.W. DEPARTMENT, GOVT. OF ODISHA]

TENDER CALL Reference No. CDM&PHO/RKSDHHKDP/2022-23/PR/01, Dated: 31.12.2022

TENDER DOCUMENT FOR SUPPLY OF DRUG, MEDICAL CONSUMABLES, LABORATORY CHEMICALS & REAGENTS, X-RAY ARTICLES, INSTRUMENT/ EQUIPMENTS FOR DHH,SDH,CHC,PHC, UPHC,HWC,DEIC,PHYSIOTHERAPY,AYURVEDA PANCHAKARMA,RNTCP,RTPCR,DPH LAB, BCL ITEMS & WASTE MANAGEMENT ARTICLES ON RATE CONTRACT BASIS FOR A PERIOD OF ONE YEAR FROM THE DATE OF APPROVAL OF TENDER

Tel: 9439995995, 9439994992

LAST DATE & TIME FOR RECEIPT OF TENDER : 31/ 01 / 2023 up to 5.00 PM

DATE & TIME OF OPENING OF TENDER  
(COVER-A & COVER-B) : 01 / 02 / 2023 at 11.00 AM

PLACE OF OPENING OF TENDER: Conference Hall of the Chief District Medical & Public Health Officer, Kendrapara, At/Po/Dist-Kendrapara-754211

ADDRESS FOR COMMUNICATION: O/o- The Chief District Medical & Public Health Officer,  
Kendrapara  
At/Po/Dist- Kendrapara-754211  
E-mail:dwhkendrapara@gmail.com  
Telephone: 9439995995/ 9439994992

## TENDER CALL NOTICE

Sealed Quotations are invited by the undersigned from the intending Manufacturers / Suppliers/ Authorized distributors for supply of the items as per list enclosed.

The bidder should submit documents under two bid system i.e. two separate sealed packets one for Technical bid & another for financial bid superscripted on the cover separately & both the bids are to be kept in a single cover superscripted as "TENDER FOR SUPPLY OF MEDICINES /M.CONSUMABLES/ LAB REAGENTS / X-RAY ARTICLES/INSTRUMENT /EQUIPMENT, UPHC,HWC,DEIC,PHYSIOTHERAPY,AYURVEDA PANCHAKARMA, BCL ITEMS & WASTE MANAGEMENT MATERIALS FOR THE YEAR 2023-24"

The Bidders may download the Tender Documents directly from the website available at <http://Kendrapara.nic.in> . The said quotation should reach in the office of the undersigned by Dt 31.01.2023 up to 5.00 PM through Regd. Post / Speed Post only. The tender will be opened on Dt. 01.02.2023 at 11.00 AM in the DTU, Kendrapara. The bidders or their authorized representatives may remain present at the time of opening of tender document, the tender document must contain the bidder's full address with Telephone No., Mobile No. and e-mail id. The undersigned is not responsible for any postal delay and reserves all the rights to reject any or all of the tenders without assigning any reason there off.

- a) Price of Tender document Rs.1000/- (Rupees one thousand) only (Non-Refundable) in shape of DD only in favour of the RKS, DHH, Kendrapara, Payable at Kendrapara (SBI, MAIN BRANCH)

The tender paper will be rejected if the bidder changes any clause or Annexure of the bid.

*A. Palanisami*  
21.12.2022  
Chief District Medical & Public Health Officer-cum-  
District Mission Director,

*M. S. S. S.*  
21.12.22  
Kendrapara

**TERMS AND CONDITIONS FOR ACCEPTANCE OF TENDER FOR SUPPLY OF DRUG, MEDICAL CONSUMABLES, LABORATORY CHEMICALS & REAGENTS, X-RAY ARTICLES, INSTRUMENT AND EQUIPMENTS, UPHC,HWC,DEIC,PHYSIOTHERAPY AYURVEDA PANCHAKARMA, BCL ITEMS & WASTE MANAGEMENT MATERIALS TO THE CDM & PHO, KENDRAPARA ON RATE CONTRACT FOR A PERIOD OF ONE YEAR FROM THE DATE OF APPROVAL.**

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- 1.1 Sealed tenders will be received by Dated 31 / 01 / 2023 up to 5 PM in the office of the Chief District Medical Officer, Kendrapara for purchase of Drug, Medical Consumables, Laboratory Chemicals & Reagents, X-Ray Articles, Instrument and Equipment's, UPHC,HWC,DEIC,PHYSIOTHERAPY,AYURVEDA PANCHAKARMA, BCL ITEMS & Waste Management Materials. Any tender received after the due date & time will be rejected / returned unopened to the sender. **The Tenders will be received through Regd. Post /Speed Post only**
- 1.2 The sealed tenders 'Cover A' (Technical Bid) & Cover-B (Financial Bid) submitted by the bidder will be opened by the Purchase Committee at the Conference Hall of the CDM & PHO Kendrapara on Dt. 01 / 02 / 2023, 11 AM. The bidders or their duly authorized representatives are allowed to be present during the opening of the tenders.

**ELIGIBILITY CRITERIA:**

- 2.1. Bidder shall be a manufacturer / Distributor / Agency having valid up-to-date manufacturing License / Drug License, Valid ISO Certificate, Good Manufacturing Practices (GMP) Certificate or WHO GMP certificate (in case of drugs only), & having PAN, Last 3 years IT return, Sale Tax / GST clearance certificate (valid up to 31.12.2022)/ GST Registration for all bidders.
- 2.2. The annual average turnover of the bidder should be Rs 1 Crore or more during the last three financial years certified by a Chartered Accountant 2019-20, 2020-2021, 2021-2022.
- 2.3. Bidder / manufacturing unit which has been blacklisted for any item either by the Tender inviting authority or by any State Govt. or Central Govt. organization cannot participate in the Tender for that item during the period of blacklisting supporting to court affidavit (Annexure - IV).
- 2.4. The Bidder should have typically not less than 3 (three) years of marketing experience in lab. Materials, Medicines / pharmaceutical products / Instruments supplying to the Government organization/ Corporate Hospital / PSU Hospitals/ UN agencies in India duly supported by documentary evidence (Xerox copy of Purchase Order minimum five).

**TECHNICAL BID (COVER - A):**

- 3.1. A Non-refundable A/c Payee Demand Draft of Rs.1000/- (Rupee one thousand only) towards the cost of the tender document in favour of the RKS, DHH, Kendrapara, Payable at Kendrapara (SBI, MAIN BRANCH)

- 3.2. 20,000/- as EMD in shape of Demand Draft in favour of the RKS, DHH, Kendrapara, Payable at Kendrapara (SBI, MAIN BRANCH)
- 3.3. List of items quoted with strength / specification and packing. *Local Medium & Small Enterprises (MSEs) registered in Odisha under the respective DICs, Khadi, Cottage & Handicrafts Industries, OSIC, NSIC are exempted from submission of EMD)*
- 3.4. Valid up-to-date Manufacturing License / Drug License (In case of Drugs only) up to march 2023.
- 3.5. Detail name, address, telephone no., Mobile No., Fax, e-mail of the firm and of the Director / Managing Partner / Proprietor of the firm. (As per **Annexure - II**).
- 3.6. Address, Telephone No., Mobile No., e-mail, Fax of the Branch Office / Contact Person in Odisha (Annexure-IV).
- 3.7. The Bidder has to submit their valid Sale Tax/ GST Clearance Certificate (valid up to 31.12.2022), PAN Card & Last 3 years I.T return i.e. 2019-20, 2020-21, 2021-22.
- 3.8. Valid up-to-date WHO GMP/Good Manufacturing Practice (GMP) certificate of Manufacturer from the Competent Authority (In case of Drugs only).
- 3.9. Valid and up-to-date ISO Certificate of the Manufacturer.
- 3.10. The original tender document duly sealed & signed in each page.
- 3.11. Checklist with detail of the documents enclosed in Cover 'A' (as per **Annexure - I**). The documents should be serially arranged as per this Annexure V and should be securely tied and bound.
- 3.12. If the Bidder is an authorized distributor, the purchase order may be placed to the authorized distributors & bills can be raised by the authorized distributor on behalf of the manufacturer, if specifically authorized by the manufacturer.

**COVER – B (PRICE BID):**

- 4.1. The tender form giving the rates for various Lab. Materials, Consumables, Reagents, Medicines and Medical Consumables etc. should be submitted in a separate sealed cover hereafter called **Cover 'B' (Price Bid)**.
- 4.2. The tender format (price schedule) in the prescribed form (as per **Annexure - II**) should be submitted inclusive of all taxes i.e excise duty, insurance, packing, Central Sales Tax / VAT & Entry Tax Gst etc. forwarding and freight (i.e door delivery). The rate should be quoted for Unit pack (**both in figures and words**). & supply will be made in unit pack as per Tender

specifications. The hard copy of price schedule must be sealed & signed in each page by the Bidder.

- 4.3. The Cover 'B' of the successful bidders who will qualify in the Technical bid will be opened at the Office chamber of the DTU, Kendrapara by the members of Purchase Committee in the presence of the Bidders or their authorized representatives if they like so.

**NON RESPONSIVE / REJECTION CRITERIA**

5. The tender paper will be rejected if any of the following documents are wanting.
- i) Earnest Money Deposit (EMD) Rs. 20000/- (Rupees twenty thousand) only *Local Medium & Small Enterprises (MSEs) registered in Odisha under the respective DICs, Khadi, Cottage & Handicrafts Industries, OSIC, NSIC are exempted from submission of EMD* in favour of the RKS, DHH, Kendrapara payable at Kendrapara.
  - ii) Bank Draft of Rs.1000/- towards price bidding document in favour of the RKS, DHH, Kendrapara, payable at Kendrapara.
  - iii) Attested photocopies of up-to-date valid manufacturing license / Drug License (in case of Drugs Only).
  - iv) Duly attested valid up-to-date Good Manufacturing Practices (GMP) Certificate or WHO GMP certificate (In case of Drugs Only)
  - v) Valid and up-to-date ISO Certificate of the Manufacturer.
  - vi) Price Bid / quoted rates (hard copy) without signature and seal of Bidder.
  - vii) Attested photo copy of Purchase Order from the Government organization/ Corporate Hospital / PSU Hospitals/ UN agencies in India in support of marketing experience for last 3 years in Tender for supply of Lab. Materials, Consumables, Reagents, Medicines & Medical Consumables (minimum five order).
  - viii) Attested copy of Last 3 years IT return & PAN Card.
  - ix) Attested copy of valid GST clearance certificate, (up to 31.12.2022).
  - x) Authorization letter from the Manufacturer if the Bidder is an authorized distributor.
  - xi) The annual average turnover of the bidder should be Rs 1 Crore or more during the last three financial years certified by a Chartered Accountant.

**EARNEST MONEY DEPOSIT (BID SECURITY):**

- 6.1 The EMD is to be deposited to safeguard against a bidder's withdrawing or altering its bid during the bid validity period. The Earnest Money Deposit Rs. 20,000/- (Rupees twenty thousand only) (Not Applicable for SSI UNITS) for tender will be submitted by the Bidder. **The EMD should be paid in the shape of demand draft in favor of the RKS, DHH, Kendrapara from any Nationalized / Scheduled Bank payable at Kendrapara.** This should be submitted with the tender in Cover 'A'. E.M.D. in shape of Cheque / Cash / Postal Order will not be accepted.

- 6.2 The E.M.D will be forfeited if the Bidder withdraws the tender / violate the tender condition in any respect within the validity of the bid or does not accept the approved rates by the bidder.
- 6.3 The E.M.D of the unsuccessful bidders only will be returned back without interest latest by the 30<sup>th</sup> days after expiry of validity of the bid.

**TENDER CONDITIONS:**

- 7.1 The quoted rate shall not vary with the quantum of order placed for destination points.
- 7.2 Tenders should be type-written or Computerized and every correction /over-writing in the tender should invariably be attested with signature of the Bidder with date before submission of the tenders to the authorities concerned. No revision of price (upward or downward) will be allowed once the tender is opened ("Cover B").
- 7.3 If there is a discrepancy between words and figures, **the amount mentioned in words will prevail.**
- 7.4 If there is discrepancy in absolute and unit rate (which is obtained by multiplying the absolute rate with the total number in a unit pack) **the absolute price will prevail and the unit price will be corrected accordingly.**
- 7.5 To ensure sustained supply without any interruption the CDM & PHO , Kendrapara reserves the right to split orders for supplying the requirements among more than one Bidder provided that, the rates and other conditions of supply are equal and with sufficient grounds. In case of non-supply of any item by any approved lowest quoted firm, willingness of L<sub>2</sub> / L<sub>3</sub> / L<sub>4</sub> / L<sub>5</sub> etc. will be obtained to supply at L<sub>1</sub> rate. The unit packing should be uniform as prescribed for each item.
- 7.6 **The rates quoted and accepted will be binding on the Bidder for a period of one year from the date of publication of the approved list (Opening date of Price Bid) or that of publication of the next approved list whichever is earlier and on no account any increase in the price will be entertained till the completion of this tender period.**
- 7.7 No Bidder shall be allowed at any time on any ground whatsoever to claim revision of or modification in the rates quoted by him. Clerical error, typographical error etc. committed by the Bidders in the tender forms will not be considered after opening of the tenders. Conditions such as **"SUBJECT TO AVAILABILITY, SUPPLY WILL BE MADE AS AND WHEN SUPPLIES ARE RECEIVED"** etc. will not be considered under any circumstances and the tenders of those who have given such conditions shall be treated as incomplete and for that reason, shall be summarily rejected.
- 7.8 If at any time during the period of contract, the price of tendered items is reduced or brought down by any law or act of the Central or State Govt. or by the Bidder himself, the

Bidder shall be morally and statutorily bound to inform the CDM & PHO immediately about such reduction in the contracted prices. The CDM & PHO Kendrapara is empowered to unilaterally effect such reduction as is necessary in rates in case the Bidder fails to notify or fails to agree for such reduction of rates. In case of any enhancement in Excise Duty due to statutory Act of the Govt. after the date of submission of the tenders and during the tender period, the additional excise duty so levied will be allowed to be charged extra as separate item without any change in price structure of the drugs approved under the tender. For claiming the additional cost on account of the increase in excise duty, the Bidder should produce letter from the concerned excise authorities indicating his commitment for the supply made to the CDM & PHO Kendrapara on account of the increase in excise duty.

- 7.9 The Tax will be charged as per the guidelines given by the Finance Deptt. From time to time. Only one Sales Tax either C.S.T / VAT will be paid to the supplier. In case of Entry Tax the supplier has to deposit the original receipt to claim it, if finished goods are brought from outside the State. The Sales Tax / VAT & E.T component should be shown separately in the cost price (Price Schedule) (Annexure – II).
- 7.10 In the event of the date being declared as a holiday for Govt. of Odisha, the due date of submission of bids and opening of bids will be the following working day at the appointed place & time.
- 7.11 The authority will be at liberty to terminate by assigning any reason there of the contract either wholly or in part. The Bidder will not be entitled for any compensation whatsoever in respect of such termination.
- 7.12 If the Bidder fails to execute the supply within the stipulated time, the authority is empowered to make emergency purchases or purchase from L<sub>1</sub>, L<sub>2</sub>, L<sub>3</sub> & L<sub>4</sub> as the case may be and apply the penal clauses on the defaulting firm.
- 7.13 The quantity of procurement may increase or decrease depending on the budget provisions, new schemes, natural calamities and epidemics etc.
- 7.14 The Bidder has to accept all the term & conditions mentioned in the tender document.
- 7.15 The tender document is not transferable.

#### SUPPLY CONDITIONS:

- 8.1 The supplier / firm will supply as per the technical specification and print the **generic name** in **bold letters** and brand name if approved by the licensing authority may be printed in small font in strip / bottle / injection / packing / foil / carton /packet /box etc.
- 8.2 The Bidder should deliver the Lab. Materials, Consumables, Reagents, Medicines and Medical Consumables at the Consignee (**Door Delivery**) in the district. The insurance, storage & transport charges / courier charges if any will be borne by the supplier. The short

supply, damage if any at the time of delivery of consignment shall be replaced by the supplier within seven days of the first supply of indented items.

- 8.3 In all the cases the responsibility of the purchaser will start only after delivery and due verification of goods.
- 8.4 The Composition & strength of each item tendered should be as per the specification given in (Technical Specification).
- 8.5 The supply should be started immediately & completed within 60 days from the date of issue of the purchase order. If supply is not completed within 60 days from the date of issue of purchase order, the authority may cancel the order or allow extension. The authority has also the liberty to cancel those orders and purchase the same item from L<sub>2</sub>, L<sub>3</sub>, L<sub>4</sub> & L<sub>5</sub> firm as the case may be if the other firms agree to supply at L<sub>1</sub> rate. The non-supplier will be penalized in form of forfeiture of E.M.D.
- 8.6 Each Drugs and Medical Consumables must be accompanied with a test certificate that the supplied Drugs and Medical Consumables is of standard quality and as per the standard.
- 8.7 The Lab Materials, Drugs and Medical Consumables should arrive at the destination (warehouse) with remaining shelf-life of at least 5/6<sup>th</sup> of the stipulated total shelf-life from the date of manufacturing of that product.
- 8.8 The labels in all case of injectables should clearly indicate whether the preparations are meant for INTRA VENOUS, INTRA-MUSCULAR or SUB-CUTANEOUS or INTRADERMAL etc.
- 8.9 The packaging cartons must bear the name of the items (**Generic names**), strength, total quantity, total weight, and name of the manufacturer, month of manufacturing and month of expiry. All the supplied medicine should be super scribed as "ODISHA GOVT SUPPLY, NOT FOR SALE"
- 8.10 Each Strip / Box / Carton / Bottle / Amp. / Vial/ Packet shall bear the seal of the manufacturer and month of manufacturing, month of expiry & Batch No/Lot No.

#### QUALITY TESTING:

- 9.1. All the suppliers / manufacturers must submit test reports from approved laboratory of the batches of Drugs Medicines and Medical Consumables being supplied to the consignee.
- 9.2. The district will also do random testing of the supplied drugs if required for which quality testing, packing & forwarding charges if any will be borne by the supplier.
- 9.3. If the Drugs and Medical Consumables as per report is found not of standard quality in first test, the supplier will be required to replace the entire quantity of the batch declared NSQ or the cost of it in shape of demand draft in favour of the RKS, DHH, Kendrapara & take back the available stock (unused) in different health institutions of Kendrapara district in his own cost within a period of 30 days of receipt of letter from authority.

- 9.4. If the supplier does not take back the NSQ stocks or does not challenge the 1<sup>st</sup> test report within 30 days of issue of letter by the authority, the concerned health institution can destroy the NSQ stocks with intimation to the authority following criteria mentioned in the Notification no.25061/H dt.22.09.2012 of Health & FW dept. Govt. Odisha.
- 9.5. If the items has been tested by the D.I & the CDM & PHO Kendrapara, the NSQ report of either of the authority will be accepted & actions will be taken accordingly. If the supplier challenges the test report in the above circumstances then it will go for testing to Central Drugs Testing Laboratory, whose report will be final.
- 9.6. The supplier shall be responsible for the full replacement in his own cost for any product, if the same is found on visual inspection to have deteriorated / not of standard quality before the expiry date.

**TERMS OF PAYMENT:**

- 10.1 No advance payments towards cost of Lab. Materials, Consumables, Reagents, Medicines and Medical Consumables etc. will be made to the supplier. The supplier has to submit 3 (three) copies of the bills or invoices with a photocopy of the purchase order at the place of supply for stock entry.
- 10.2 No claims shall be made against the authority in respect of interest on earnest money deposit or delayed payment.

**PENALTIES:**

- 11.1. If the Bidder withdraws or alters its bid or unwilling to accept the term & conditions of the tender after submission of bid & during the bid validity period, the EMD deposited by the said bidder will stand forfeited.
- 11.2. If the successful Bidder fails to execute the work order / replacement of NSQ stock within the time specified/ unable to undertake the contract or supply as per purchase order, his purchase order will be cancelled by him shall stand forfeited. He will also be liable for the damages sustained by the authority. Such damages shall be assessed by the authority, whose decision will be final in the matter. The defaulting firm will be de-recognized for 2 (two) years from the date of issue of letter. The authority can forfeit the performance security of the defaulting firms and de-recognize / black list the said firms for 2 (two) years from the date of issue of letter.
- 11.3 If any Drugs and Medical Consumables supplied by the Bidder being partially used or consumed after supply and are subsequently found to be in bad order, unsound, inferior in quality or description or otherwise faulty or unfit for consumption, the supplier will be required to replace the entire quantity of that item or the cost of it in shape of bank draft in favour of the RKS, DHH, Kendrapara and take back the available stock (unused) present in

different health institutions of Kendrapara district at his own cost within a period of 30 days of receipt of letter from CDM & PHO Kendrapara and also the firm will be de-recognized for 2 (two) years for that item from the date of issue of letter.

11.4 In the event of any litigation arising out of the tender such matters would be subject to the jurisdiction of the Courts of Kendrapara.

The detail items are required as follows:

1. LIST OF DRUGS, MEDICAL CONSUMABLES.
2. LIST OF MENTALHEALTH DRUGS.
3. LIST OF NCD DRUGS.
4. LIST OF X-RAY & NIDAN LABORATORY CHEMICALS, ANTIGEN, PIPETTE & VIALS & CONSUMABLES.
5. LIST OF BEDDING, CLOTHING, AND LINEN ITEMS.
6. LIST OF DPH LABORATORY ITEMS.
7. LIST OF LABORATORY MATERIALS REQUIRED FOR RNTCP USE.
8. LIST OF ITEMS REQUIRED FOR DEIC UNIT.
9. List of PHYSIOTHERAPY EQUIPMENT TO BE PURCHASED FOR DEIC.
10. List of Equipment's and Furniture and Diagnostic Kits for UPHC
11. LIST OF EQUIPMENT, CONSUMABLES AND MISCELLANEOUS SUPPLIES FOR HWC.
12. LIST OF ITEMS OF PHYSIOTHERAPY & GERIATRIC EQUIPMENT & INSTRUMENT
13. LIST OF WASTE MANAGEMENT ARTICLE
14. LIST OF PANCHAKARMA AYURVEDA MEDICINE

1. LIST OF MEDICINES, MEDICAL CONSUMABLES etc

Sl no	Drug Code	Drug Name	Specification
1		Cap Calcigard	10mg
2		Cap Calcigard SR	20mg
3		Cap Multi-vitamin & mineral	
4		Cap Nifedipine	5Mg/
5		Cap Pancreatic Enzymis	10000&30000 USP Unit
6		Cap Rabeprazole + Levosupride	
7		Cap. Itraconazole	200Mg
8	D18038	Cap. Itraconazole	100Mg
9		Cap. Micro Progesteron	100mg/cap
10	D26017	Cap. Micro Progesteron	200mg /cap
11	D21009	Cap. Omeprazole	20Mg
12	D30003	Cap. vitamin B complex	
13	D34001	Cap.Vit. A.D	Vit. A 5000 IU+Vit. D3 400 IU/Cap
14		Tab Pyridoxin	100MG
15	D12015	Tab .Terbinafine	250Mg/Tab
16	LD0082	Tab Amlodipine 5 mg + Atenolol 50 mg	5mg+50mg
17		Tab Aspirine	75mg
18	D27095	Tab Betahestin	16mg
19		Tab Bisacodyl	5mg
20	D09091	Tab Cefixime	200Mg
21	D09126	Tab Cefodoxime	200mg
22		Tab Cefpodoxime proxetil+Clavonic	200mg+125/tab
23		Tab Cefuroxime	250mg
24	LD0021	Tab cefuroxime Axetil	500mg
25	D05010	Tab Cetirzine	10Mg
26		Tab cholecalciferol	
27		Tab Cinnarizine	25mg/tab
28	D07024	Tab Citicolin	500mg
29		Tab Clopidrogel+Aspirine+Atrovastine	150mg+150mg+40mg
30	D17048	Tab Clopidrogrel	75mg
31		Tab Deflazacort	6/12/24/30
32	LD0049	Tab Dicyclomine 20mg+PCM 500mg	
33	D21033	Tab Drotavrerin	80Mg/Tab
34		Tab Fexo Fenadine	120mg
35	D12007	Tab Fluconazole	50mg
36	D20001	Tab Frusemide	40mg/t

37		Tab Glycerol trinitrate	10mg
38	D17001	Tab Isosorbide	5mg
39		Tab Isosuprine	10mg
40	D05021	Tab Levocetizine	5Mg
41		Tab Levofloxacin	500mg
42		Tab Levofloxacin	250mg
43		Tab Linezolid	600mg
44	D17051	Tab Losartan Potassium	50Mg/Tab
45	D26003	Tab Methylergometrine maleate	0.125Mg/Tab
46		Tab Metoprolol	50mg
47	D13005	Tab metronidazole	400Mg
48	D26012	Tab Mifepristone	200mg/Tab.
49		Tab Moxifloxacin	400mg
50	D17052	Tab Nifedipine SR	20Mg/SR Tab
51	D09033	Tab Ofloxacin	200Mg
52		Tab ondansetron	8mg
53	LD0143	Tab Pantoprazole 40mg + Domperidone 10mg-	40mg +10 mg
54	D04002	Tab Paracetamol	500Mg/.Tab
55	LD0095	Tab Paracetamol	650Mg/Tab
56	D05015	Tab prednisolone	10Mg
57		Tab Pyridoxine	100mg
58	D17071	Tab Rosuvastatin	10mg
59		Tab Rosuvastine	20mg
60		Tab Salbutamol	4mg
61	D04056	Tab serratiopeptidates	10mg
62		Tab Prochloroperazine (Stemetil)	5mg
63	D17084	Tab Telmisartan	20mg
64		Tab Telmisetron+Hydrochloro thiazide	40+12.5mg
65	D28003	Tab Theo+Eto	
66	D20011	Tab Torsiamide	20mg.
67	D04030	Tab Tramadol	100mg
68		Tab Voglibose	0.3 mg
69	D09077	Tab, Azithromycin	500Mg
70	LD0050	Tab. Aceclofenac+ Paracetamol	100mg+325mg
71	D09113	Tab. Amoxicilin +Clavulanic Acid	500mg+125mg
72	D30001	Tab. Calcium and Vit. D3 /Tab	(Film coated)(Aluminium foil/Glycine Poly Foil/Blister pack)-500mg Elemental Calcium + Vitamin D3 250IU
73	D09026	Tab. Cefadroxil	500Mg
74	D05006	Tab. CPM	4Mg
75		Tab. DEC	150mg

76	D04023	Tab. Etoricoxib	90mg
77	D12008	Tab. Fluconazole	150Mg
78	LD0009	Tab. Glimipride + Metformin	1mg+500mg
79	D22004	Tab. Glipizide	5Mg/Tab
80	D05028	Tab. Levocetirizine + Monteleukast	5mg +10mg Tab
81		Tab. MedoxyProgesteron Acetate	10Mg/ Tab
82	D26007	Tab. Misoprostol	200Mg /tab
83	D09084	Tab. Ofloxacin	400Mg
84	LD0084	Tab. Ofloxacin+Orindazole	200mg & 500 mg
85		Tab. Omeprazole+Domperidone	
86	D30016	Tab. Vitamin C	500mg
87	LD0033	Tab.Aceclofenac + Paracetamol + Sera	100mg+325mg+10mg
88	LD0022	Tab.Cefuroxime+ Clavulanic Acid	500mg+125mg
89	D27001	Tab.Diazepam ( Aluminium foil/Blister pack)-	5 mg/Tab
90		Tab.Diclofenac Sodium	50Mg/.Tab
91	D16013	Tab.Tranexamic acid	500mg/Tab
92	D21048	Tab/Cap. Rabeprazole+ Domeprodone	20mg+30mg
93		Inj Drotavrerin	
94		Inj Efiress	
95		Inj Medroxyprogesteron	
96	D39002	Inj 8%Amino Acid for liver	
97	D09112	Inj Amoxycillin+ Calvunac Acid	1gm+200mg
98	D09047	Inj Ampicillin Sodium	100mg
99		Inj Ampicillin Sodium	250mg
100		Inj Ampicillin Sodium	500mg
101	D23009	Inj Anti Rabies Vaccin for human use.	2.5IU
102	D03001	Inj Atropine	0.6 mg/ml
103		Inj Betamethasone	
104		Inj Calcium Gluconet	
105	D09078	Inj Cefoperazone + Salbactum	500mg +125mg
106	D09054	Inj Cefotaxime	1g/ V
107		Inj Cefotaxime	500mg
108	D09042	Inj Cefotaxime	125mg
109		Inj Ceftadigim + Tazobactom	1.125gm
110	D09116	Inj Ceftriaxone +Salbactum	1.5gm
111	D07023	Inj Citicolin	250mg/2ml
112		Inj Clinidamycin	150mg
113	D05001	Inj Dexamethasone	4.4 mg
114		Inj dextrose 25%	100 ml bot
115		Inj Dopamine	
116	D16047	Inj Erythropoietin	4000IU

117		Inj Etophyline+Theophyline	
118		Inj Expovan (Plasma Expander)	500ml
119		Inj Ferric Carboxy maltose	1000mg/vial
120	D20002	Inj Frusemide	10Mg/1Ml
121		Inj Gentamycin	20mg
122		Inj Gentamycin	80mg
123		Inj Hepatitis B	5ml/Vial
124	D40002	Inj Human Albumin IV	20%
125		Inj Isosuprine	10mg
126		Inj KCl	10Ml
127	D04035	Inj Ketorolac	30mg
128	D02001	Inj Lignocaine HCL	2%w/v
129		Inj Lincomycin	2ml
130		Inj Lorazepam	
131		Inj Mannitol IV	20%100ml
132	D09163	Inj Meropenem	500mg/vial
133		Inj Meropenum	1gm v
134		inj Methyl cobalamine	
135		Inj metoclopramide	
136		Inj Metronadizole IV	100ml
137		Inj Midazolam	1mg/ml
138		Inj Na Cl	100ml bot
139		Inj Neteromycin	100mg
140	D09157	Inj Netilmycin	10mg/vial
141	D05018	Inj Noradrenaline	1mg/ml
142		Inj NS 3%	100ml/bot
143		Inj Ofloxacin IV	100ml
144	D04004	Inj Paracetamol	150mg
145	D05007	Inj pheniramine maleate	22.75mg/ml
146	D07002	Inj phenobritone Sodium	200mg/ml
147	D04014	Inj Piroxicam	20mg
148		Inj Prochloroperazine	12.5mg/ml
149		Inj Tramadol	50mg/ml
150	D05005	Inj. Adrenaline Bitartrate-	1mg/ml (1:1000)
151	D09019	Inj. Amikacin	500Mg
152	D09046	Inj. Amikacin	100Mg
153	LD0006	Inj. Caffeine Citrate	2ml/vial
154		Inj. Ceftriaxone	125mg/v
155	D09094	Inj. Ceftriaxone	1g/V
156	D09093	Inj. Ceftriaxone	250mg
157	D09115	Inj. Ceftriaxone + Tazobactam	1gm + 125mg / vial
158	D07006	Inj. Diazepam-	5mg/ml

159	D23011	Inj. Human Anti-D Immunoglobuline	300mcg/2ml
160	D05002	Inj. Hydrocortisone	100Mg/V
161	D16018	Inj. Iron Sucrose	(2ml ample)
162	D17043	Inj. Labetalol	20mg/4ml Amp
163	D02005	Inj. Lignocaine with Dextrose (Heavy)	53.3Mg+75Mg/ MI
164	D02003	Inj. Lignocaine+ Adrenalline	21.3+0.005Mg/MI
165	D26006	Inj. Magnesium Sulphate	500Mg/ml
166	D26001	Inj. Methylergometrine maleate	0.2Mg/MI
167	D05023	Inj. Methylprednisolone	40mg/Vial
168	D24006	Inj. Neostigmine Methylsulphate-0.5 mg/ml	1ml
169	D21024	Inj. Ondansetron	2mg/ml(2ml amp)
170	D06002	Inj. Pam	500mg/20ml Vial
171	D21030	Inj. Pantoprazole With Diluent	40Mg/Vial
172	D04008	Inj. Pentazocine Lactate	30Mg/MI
173	D07007	Inj. Phenytoin Sodium-	50 mg/ml
174	D09087	Inj. Piperacilline+Tazobactum	4.5g
175	D23008	Inj. Snake Venom Antiserum	10 ml/Vial
176	D23005	Inj. Tetanus Toxoid	5ml/vial
177	D16012	Inj. Trenaxamic Acid	500Mg/5MI
178	D02006	Inj. Bupivacaine(0.5% Heavy)	5Mg/ML
179	D26005	Inj. Carboprost	250mcg/MI
180	D04049	Inj. Diclofenac sodium Aquous	75mg/ml
181	D26002	Inj. Oxytocin	5IU/1MI
182	D21005	Inj. Promethazine HCL	25Mg/
183	D03002	Inj. Vit B Complex	2MI/Amp
184	D09095	Azithromycin Oral Suspension	200mg / 5ml
185		Calcium Vit D3 Susp	
186	LD0056	Cough Expectorant	100ml
187		Drotaverin syp	
188	D07011	Phenobarbitone Oral Solution	20mg/5ml
189		Sus Norfloxacin	200mg/5ml
190		Susp Cefixime	50mg/5ml
191		Susp Cefuroxime	125mg/5ml
192		Susp Deflazacort	
193	D09085	Susp Ofloxacin	100mg
194	D21027	Susp. Antacid	100ML Bottle
195	D21021	Susp. Sucralfate	100MI
196		Syp Cefodoxime	50mg
197		Syp Flexo fenadine	60mg
198		Syp Ibu+Paracetamol	
199	D40003	Sy Lactulose	200ml

200		Syp Laxative	200ml/Bottle
201		Syp Levo salbutamol +Guaphemosin +Ambroxol	1MG+30MG+50MG
202		Syp Levofloxacin	125mg/5ml
203		Syp Mefanamic+Paracetamol	
204	LD0140	Syp Multivitamin-	200ml/Bottle
205	D21006	Syp promethazine	5 mg/5 ml
206		Syp Salbutamol+Ambroxil	1mg+15mg/5ml
207		Syp Terbutalin +Ambroxil +Guasephen	1.25MG+50MG
208		Syp vitamin B complex	
209		Syp. Alklyser	
210	D09164	Syp. Amoxycillin + Clavunic Acid	200 mg + (28.5 mg)
211	D05011	Syp. Cetirizine	5Mg/5MI
212	D05016	Syp. Levocetirizine	2.5mg5ml
213		Syp. Levocetirizine +Montelukast	2.5mg+5mg/5ml
214	D21038	Syp. Ondansetron	2 mg/5ml
215	D04003	Syp. Paracetamol	125Mg/5MI
216	D30024	Drop Multivitamin	(Palatable, with dropper and container as per I.P)-.
217		Acyclovir Eye Oint.	0.3%w/v
218	D09109	Amoxycillin Dry Syrup	
219	D25046	Carboxy Methyl Cellulose Eye Drop	0.50%
220		Chloromycetin ear drop	5mg/ml
221		Cyclopintolate Eye Drop	1%/10mg
222		Drop Ampicillin	100mg/ml
223	D09105	Drop Cefixime	25mg/ml
224		Drop Dicyclomine	
225		Drop Drotaverin	
226		Drop Lactage	
227		Drop LevoSalbutamol + Ambroxol + Guaiphenesin	0.25mg+7.5mg+12.5mg/ml
228		Drop Ondansetron	
229	D04026	Drop Paracetamol	100 mg/ 1 ml
230		Drop. Amoxycillin + Calvunic Acid	80mg+11.4mg
231		Drop.Cefodoxime	25mg/ml
232		Drop.Vitamin D3	400IU/MI,30ML
233		Drop Amoxycillin	125mg/ 5ml
234	D25026	Lidocaine+ Ofloxacin Ear Drop	5MI / Vial
235		Lotiprodinol Eye Drop	
236		Lubricating Eye Drop	
237		Midazolam Nasal Spray	
238	D25034	Moxifloxacin Eye Drop-	0.5% (FFS/
239		Moxifloxacin+Dexamethasone Eye Drop	0.5%+0.1/5ml/vial

240		Natamycin Eye Drop	
241	D25041	Ofloxacin Demamethasone Eye/ear Drop	
242		Ofloxacin eye/ear drop	0.5ml
243		Oxymetazoline Nasal Drop Adult	0.05%
244		Oxymetazoline Nasal Drop Ped	0.03%
245	D29015	Saline Nasal Drop	10MI Vial
246		Timolol Eye Drop	
247		Tropicamide Plus Eye Drop	0.5%/5ml
248		Xylocaine 4% Topical Eye Drop	4%
249	D25045	Xylometazoline Hydrochloride Nasal Drop- (Adult)	0.1 wv FFS BFS Plastic Container
250	D25045	Xylometazoline Nasal drop(Paed)	0.1
251		Atropine Ointment	
252		Azithromycin Eye Oint.	1%w/w
253		Benzocaine Ointment	
254	D25011	Chloramphenicol Eye Ointment	1%w/w
255	D25031	Chlorehexidine Oral Gel	1%
256		Clotrimazole +Beclomethazone Skin ointment	
257	D12011	Clotrimazole Vaginal Gel	2%
258	D18030	Cream Clotrimazole	1% w/w
259	D18012	Cream Permethrin Lotion	5%
260	D12020	Cream Terbinafine	
261	LD0060	Diclofenac gel	
262		Gamma Benzene Hexachloride Lotation	1%+ Benzocaine 2%
263	D02007	Lignocaine HCL Gel	2%
264		Lignocaine Spray	
265	D18032	Mupirocin Ointment	2% 5Gm Tube
266		Oint mometasole	
267		Ointment Fluocinolone Acetonide	0.1% ww 30gm tube
268	D18017	Povidone Iodine Mouth Wash	2%
269	D18024	Providone Iodine Oint	5% w/v , 15Gm Tube
270		Triamcinolone Ointment	0.10%
271		Triple layer Face Mask &Head cap	
272		Repsul Flohale	
273		A.D syringe	0.5ml
274		Alcohol based hand rub as per WHO recommended formula with stand	5 Ltr/ 500 ml
275		Ambu bag Pediatric	250ml
276		Ambu Bag Pediatric	500ml
277		Asthalin Inhaler	
278		B.T SET	

279		Baby weight Scale 5Kg	As per Speciation attached
280		Bacilocid Extra	5lt
281	D31018	Black Disinfectant Fluid	4Lit/Jar
282		BP Apparatus (Digital type)	
283		BP Apparatus (Mercury type)	
284		Budesunide +Formotenal Inhaler	
285		Calamine Lotion	
286	S01012	Catgut Chromic 1-0 with needle	Size- 1-0 ,length: 76cm, 1/ 2 Circle Round Bodied ( 45mm needle)
287		Chlorohexidine mouthwash	
288		Cydex Salutations	5ltr
289		Diaper XS Size for newborn	
290		Dimethanol with Gluteral dehyde for fogging	
291		Dispo Syringe	20ml
292		Dispo Syringe	50ml
293		Disposable Hand Care & Face Care	
294	S02010	Disposable Scalp Vein Set-ETO Sterilize Pyrogen free short beveled silliconised needle	size 20, 22, 24, Length 3/4 with CE certification.
295		Drape Sheet Polythene	
296		ECG Papers for 12 ch	210 mmX20mtr
297	S02133	Elastic Adhesive Bandage( fixator)	(IV Cannula Fixator)
298		Elastic crape Bandage	6"
299		Electrical Needle & Syringes destroyer (NST)	
300		Endotracheal Tube	2.5,3,3.5
301		Examination Gloves	Mark-Sizes 6 1/2,7,7 1/2
302		Fluticazone /Rormetrol MDI	200/400
303		Glutial Dehide	
304		Hand Sanitizer	500ml
305		Hand wash (Soap Base)	200ml
306		HBNC Asha Kit with bag	As per Speciation attached
307		I.V Set Child)	
308		Infant feeding tube	5/6/7/8/10
309		Insulin syringe	40unit
310		Intravenous set (Adult)	
311		Lactobacillus sachet	
312		Levosulbutamol MDI	50MCG
313		Levosulbutamol+Budesunide	
314		Lotion Clotrimazole	
315		Mackintosh Roll	4ftx20mtr
316	D34007	Microporus Adhesive paper tape	1" 5mtr

317		Nasogastric Tube ped	5,6,10,12
318	S02019	Operation Gloves	Mark-Sizes 6 1/2,7,7 1/2
319	D21012	ORS 1 ltr	20.5Gm
320	D21029	ORS 200ml	4.3Gm
321		Oxygen Mask	
322		Oxygen Tube	
323		Paedi Drip set	
324		Patient Identification Band (Single)	
325		Patient Identification Band Combo (Mother & Child)	
326		Plaster Cutter	
327	LS0025	Plaster of Paris Powder Bag	1 kg-
328		Plaster of Paris Roller Bandage 4"	10cmx2.7mtr(Ready made)
329		Plaster of Paris Roller Bandage 6"	15cmx2.7 mtr(Ready made)
330		PMO Line 3 way stop cock	
331		Polyamide	90cm(1-0) needle 40 m.m
332	D18007	Povidone Iodine Solution	500ML/Bottle
333		Probiotic Sachet	
334		Pure Hand (Sanitizer)	500ml
335		Repsul Deoline	
336		Salbutamol Repsule	
337		Soap based handrub with Stand	5 Ltr/ 500 ml
338	LD0069	Sodium Phosphates Enema B.P.	100ml
339		Spinal Needle	(25G)
340		Steam Indicator Tape for checking of Autoclave Sterilization	Tape
341	D19006	Surgical Sprit	500MI
342	S02046	Syringe	5cc
343	S02043	Syringe	10cc
344	S02045	Syringe	2cc
345		Thermometer Clinical	
346		Thermometer Digital	As per Speciation attached
347		Ultrasound Jelly	5kg
348		Vicryl	1, 1-0,
349		Weighing Machine (Digital) Adult	120kg
350		Weighing Machine (Digital) Child	5kg
351	S02026	Urinary Drainage Bag	
352		Foleys Urinary Catheter 16,18,20	
353	S02063	Infant mucous extractor	

### LIST OF DRUGS REQUIRED FOR NTEP USE

SI NO	Name of the Item	Pack Size	Remark
1	Pyrazinamide 400mg	tab.	
2	Rifampicin 450 mg.	tab.	
3	Rifampicin 150 mg	tab.	

4	Isoniazid 100mg	tab.	
5	Isoniazid 300mg	tab.	
6	Inj.Streptomycin 0.75gm	Vial	
7	Cycloserine 250 mg	tab.	
8	Ethionamide 250 mg	tab.	
9	Clofazimine 100mg	tab.	
10	Levofloxacin 500mg	tab.	
11	Ethambutol 800mg	tab.	
12	Linezolid 600mg	tab.	

## 2.Mental Health Drugs

Sl No	Name of the Item	Speceification	Remarks
1	Tab Haloperodol	5mg	
2	Tab Risperodone	2mg	
3	Tab Olanzapine	5mg	
4	Tab Imipramine	25mg	
5	Tab Escitalopram	10mg	
6	Cap Fluoxetine	20mg	
7	Tab Lithium Carbonate	300mg	
8	Tab Carbamazepine	200mg	
9	Tab Sodium valproate	500MG	
10	Tab Olaxzapine	5mg	
11	Tab Zolpidem	10mg	
12	Tab Clonazepam	0.5mg	
13	Tab Lorazepam	1mg	
14	Tab phenobarbitone	30 mg/60 mg	
15	Tab Diphenylhydantion	100 mg	
16	Tab Trihexaphenidyl	2mg	
17	Inj Fluphenazine	25mg	
18	Inj Haloperidol		
19	Inj Risperidone		
20	Inj Risperidone		
21	Inj Lorazepam		
22	inj Promethazine	50mg	

### 3. LIST OF NCD Drugs.

Sl No.	Drugs code	Drugs Name	Remarks
	<b>Anti-Hypertensive Medicines</b>		
1	Non-EDL	Tab. Amlodipine 2.5 mg	
2	D17015	Tab. Amlodipine 5.0 mg	
3	NA	Tab. Amlodipine 10.0 mg	
4	D17006	Tab. Atenolol 50 mg	
5	NA	Tab. Atenolol 100 mg	
6	D17036	Tab. Enalapril 2.5 mg	
7	D17049	Tab. Enalapril 5.0 mg	
8	D17032	Tab. Telmesertan 20mg	
9		Tab. Telmesertan 40mg	
	<b>Cardiovascular Medicines (Medicines used in Angina)</b>		
10	D17001	Tab. IsorbideDinitrate 5.0 mg	
11	D17001	Tab. IsorbideDinitrate 10.0 mg	
12	D17048	Tab. Clopidogrel 75 mg	
13	D2001	Tab Furosemide 40 mg	
14	NA	Furosemide Oral Liquid 10mg / ml	
15	D 17026	Tab Hydrochlorothiazide 12.5 mg	
16	D20005	Tab Spironolactone 25 mg	
17		Tab Spironolactone 50 mg	
	<b>Anti-Diabetic Drugs</b>		
18	D22019	Tab. Glimiperide 1 mg	
19	D22014	Tab. Glimiperide 2 mg	
20	D 22002	Inj. Insulin (Soluble) 40 IU / ml	
21	NA	Inj insulin (Intermediate Acting 40 IU / ml (NPH)	
22	D22012	Inj insulin Premix (30:70) (Regular NPH) 40 IU/ ml	
23	D 22003	Tab Metformin 500 mg	
24	NA	Tab Metformin 1000 mg	
	<b>Anti- Convulsants / Antiepileptics</b>		
25	D07003	Tab Carbazepine 200 mg	
26	D07003	Tab Carbazepine 300 mg	
27	NA	Tab Diazepam Oral liquid 2mg / 5 ml	
28	D07001	Tab Phenobarbitone 30 mg	
29	NA	Tab Phenobarbitone 60 mg	
30	D07011	Phenobarbitone Oral liquid 20 mg / 5 ml	
31	D07018	Tab Phenytoin 50 mg	
32	D07004	Tab Phenytoin 100 mg	
33	NA	Tab Phenytoin 300 mg	
34	NA	Tab Phenytoin ER Tabs 300 mg	
35	NA	Inj. Phenytoin 25 mg / ml	
36	NA	Inj. Phenytoin 50 mg / ml	
37	D07005	Tab Sodium Valproate 200 mg	

38	D07022	Tab Sodium Valproate 500 mg	
		<b>COPD</b>	
39	D28011	Tab Salbutamol 2 mg	
40	D28004	Tab Salbutamol 4 mg	
41	D28011	Salbutamol Oral liquid 2 mg / 5 ml	
42	D28018	Salbutamol for Nebuliser 5 mg / ml	
43	D28013	Salbutamol Inhalation (MDI / DPI) 100 mcg / dose	
		<b>Others</b>	
44		Nicotine Gum (Nicotex) 2 Mg.	
45		Nicotine Gum (Nicotex) 4 Mg.	
46		Gluco meter for diabetes	
47		Blood Lancet	
48		Glucostrips	
49		VIA Kits (Gloves, Cotton, Swabs, Distilled water, acetic acid).	
50		OVE Kits (Disposable Tongue depressor/ Oral examination spatula)	
51		Gabapentin (Start 100-300 mg HS Usual dose 300- 1200 mg TDS Max 4800mg/d)	
52		Pregabalin (Start 75 mg HS Usual 225- 300 mg BD)	
53		Carbamaze-pine (Start 100 mg/d Increase by 200 mg every 3d Max 2000 mg/d)	
54		Oxcarbazep-ine ( Start 150 mg BD Max 2400 mg/d)	
		<b>NOHP</b>	
55		Mouth Pain Protima Zol(Cholin Salicylat+Benzalkonium Chloride)	
56		Benzydamin Hcl Mouth Wash	
57		Cholorohexidina Gloconat Mouth Wash	
58		Lidocaine Hydrochloride 2%	
59		Analgesic, Anti inflammatory & Anti-bacterial	
		<b>NPPCD</b>	
60		Clotrimazole & Lignocaine ear drop	
61		Fluticasone Nasal Spray	
62		Lidosaine + Ofloxacin Ear Drop	
63		Monetasone Nasal Drop	
64		Oxymetazolin Nasal Drop	
65		Saline nasal drop	
66		Wax softer	
67		Xylometazoline nasal drop	
		<b>Equipment's</b>	
68		Dental Chair	

69	Diagnosics X-ray Machine(RGV),	
70	Autoclave(electronics),	
71	Light cure gun	
72	Dental instrument set including RC and infrastructure.	
	<b>Consumables</b>	
73	Kit for Atraumatic restorative treatment	
74	Dental fixatives	
75	Forceps,	
76	Mouth mirror	
77	Probe,	
78	needle & suturing material,	
79	Amalgam plugger	
80	craver,	
81	Composite filling instrument & material restorative instrument & materials	
82	Borospirit ear drop, &	
83	Wax desolving &	
84	Antibiotic ear drops including cotton swabs	
85	Normal saline solution	

#### 4. LIST OF X-RAY & NIDAN LABORATORY CHEMICALS, ANTIGEN, PIPETTE, VIALS & CONSUMABLES

Sl no	Name of the item	Specification	Remarks
1	Glucose kit	Tulip	
2	Serum urea kit	Tulip	
3	Serum creatinine kit	Tulip	
4	Serum cholesterol kit	Tulip	
5	Serum Billirubin kit	Tulip	
6	ASO titer Antigen	Tulip	
7	R.A Factor Antigen	Tulip	
8	CRP Antigen	Tulip	
9	Toxo plasma strip	Tulip	
10	VDRL Strip	(SD)	
11	Disposable ESR Pipet(with vacuum plug)		
12	Anti A Group tulip		
13	Anti B Group tulip		
14	Anti D Group(igg&igm)tulip		
15	Micro tips	100 micron	
16	Micro tips	1000 micron	
17	Sodium Fluoride Vial (Double Oxalated)	Non Vacume	
18	E.D.T.A Vial		
19	Plain Vial		
20	Urine Container		
21	Dist Water		
22	Malaria (ICT) Kit	SD	

23	Lancet		
24	Gluco Stick For sugar(Code Free) (SD)		
25	Urostick	SD(AbbSag,BS,BP)	
26	Hemoglobin Tube& pipette		
27	Widal Antigen	Tulip	
28	Lishmans Stain		
29	Benedicts Salutation		
30	Micro Slides		
31	Heamometer Set		
32	WBC Diluting fluid		
33	HB SAG,HCV kit		
34	Benzidine Powder		
35	Heparinised Capillary tube for Micro ESR		
36	Sulphor powder		
37	Barium Chloride		
38	Glass Test tube		
39	Glacial acetic acid		
40	Cover Slip		
41	N/10 HCL	500ml.bot	
42	X-Ray Fixer		
43	X-Ray Devloper		
44	Sodium Hypochlorite (10 %)	5 ltr/jar	
45	Disposable Apron		
46	Plastic/ Rubber Apron		
47	Disposable Cloth for wrapping the newborn babies		
48	Plastic Tag for tying BMW polythene		
49	U.S.G. Jelly	5ltr./jar	
50	Stethoscope 3 Different Brands.		
51	Oxygen Cylinder Stand	(for 1.5 Liter cylinder)	
52	Oxygen Flow meter with Humidifier		
53	Slide Wrenchi		
54	Oxygen Key		
55	Dimethanol with Gluteral Dehyde	5 ltr Jar	
56	Alcohol based hand rub as per WHO recommendation		
57	Oxygen Cylinder	1.5 cumm	
58	Digital Hemoglobinometer		
59	Digital Hemoglobinometer(Stick)		
60	Ocult Blood Test kit		
61	HIV Test Kit		
62	Uric Acid Kit		
63	ECG Paper roll 208,	2mmx 20mtr	
64	Urine Pregency test kit		
65	Colori meter test tube		
66	Test tube Washing Brush		
67	Tissue Paper		
68	Plastic Dropper	2ml	
69	Plastic Dropper	1ml	
70	Plastic Dropping Bottle	100ml	

71	Silanized Glass Pipette		
72	Slide tray		
73	Test tube stand		
74	3.8% sodium Citrate	500ml bottle	
75	Staining Glass Jar		
76	Immersion Oil		
77	White Pencil		
78	Glass Marking Pencil		
79	Platelet Diluent Fluid		
80	Torniquit (Flemigo)		
81	Test tube Glass		
82	Test Tube Holder		
83	Liquid Paraffin Light		
84	Glass Beaker	500ml	
85	Glass Beaker	250ml	
86	Trucks Fluid (WBC)		
87	Hems Fluid(RBC)		
88	Capillary Tube for BTCT		
89	Thermocool Box	(12"x12"x12")	
90	K3 EDTA vacuum Vial		
91	Sodium Citrate vial 3.8% non-vacuum vial (Black Cap)	Lab tech	
92	Blood clot Activator with gel non vacuum		
93	Non vacuum plain vial		
94	ECG Paper	12 Channel 210 mm	
95	Haemometer (Sahils)		
96	Blood Glucose measuring system		
97	Colouri Meter		
98	Forceps		
99	Dropping bottle	100ml Plastic	

**Selectara System pack biochemistry reagent Q line S**

Sl no	Item name	Specification	Remarks
1	Albumin SP		
2	ALP (DEA) SP		
3	ALP(IFCC) SP		
4	ALT/GPT 4+1 SL SP		
5	Amylase SL SP		
6	AST /GOT 4+1 SL SP		
7	Bilirubin Direct 4+1 SP		
8	Bilirubin Total 4+1 SP		
9	Calcium ARSENAZO -SP		
10	Chloride SP		
11	Cholesterol SL SP		
12	Creatine PAP SL SP		
13	Hb A1C Direct		
14	HBA1c Direct Calibrate Set		
15	HBA1c Control Set		
16	Glucose PAP SL SP		
17	HDL Direct with Cal		

18	HDL/LDL Calibrater (LYO)		
19	LDL Direct With Cal		
20	LDH -P SL SP		
21	Lipase SL SP		
22	Lipase Control (LYO)		
23	Total Protein		
24	Urea UV SL SP		
25	Uric Acid Mano SL SP		
26	Elical 2		
27	Elitrol 1		
28	Elitrol 2		
29	ASO Turby with cal		
30	RF Turby with Cal		
31	CRP truby with Cal		
32	Reaction roter (03 pices)		
33	Paediatric sample cups		
34	Paediatric Adopter set		
35	System solution		
36	Cooling liquid for selectra		
37	Preventive maintenance kit		
38	Trigl MONO SL New SP		

#### 5. List of Blood bank Laboratory Reagents/Laboratory Consumable item list

Sl No	Name of Laboratory Reagents/ Laboratory Consumable item	Specification	Remarks
1	Blood Collection Bag CPD-A1 350 ML (Single)		
2	Anti - B Group Sera (IgM Monoclonal)		
3	Anti- Group Sera (IgM monoclonal)		
4	Anti - RhD Sera (IgM + IgG monoclonal blended)		
5	Anti H (Lectin)		
6	Anti-A1 (Lectin)		
7	Anti - A+B (IgM Monoclonal)		
8	Australia Antigen Elisa Test Kit (HBsAG)		
9	HIV Elisa Kit		
10	HCV Elisa Kit		
11	Australia antigen Rapid Strip / Card Test (HBsAG Rapid)		
12	Syphilis Rapid Test Kit		
13	HCV Rapid (Strip / Card) Test Kit		
14	HCV Rapid (Strip / card) Test kit		
15	Malaria Antigen Rapid Strip / card Test		
16	Absorbent Cotton Wool I.P 500GM Weight net		
17	Disposable Syringe 2ML with 23 G needle (Without locking device)		
18	Vacutainer Blood Sampling Tube (K3EDTA) 10ML		
19	Surgical Spirit 500ML Plastic Bottle Ethyl Alcohol 60%		

20	Skin Preparation Spray Isopropyl Alcohol Spryer, (isopropanol) 250ML		
21	Disposal Needle 23G		
22	Hypochlorite Solution Minimum Chlorine % should be 4%, Bottle Size 5Ltr.		
23	Micro- Tips for micropipette (10 to 200 Microliter)		
24	Tissue paper Roll		
25	Disposable latex Gloves (Medium size / Small Size)		
26	Glass Slide (Size =25.4mm x76.2 mm x 1.35mm)		
27	Medical Adhesive Spot Medicated First AID Dressing		
28	Disposable Surgical Mask		
29	Beaker 200ML		
30	Beaker 500 ML		
31	Anti-Septic liquid Soap 500 ML		
32	Anti-Septic Liquid Soap 250 ML (Sprayer)		
33	Phenyl White 5Ltr. Packing		
34	Lysol 500ML Pack		
35	Distilled Water 05 Ltr. Jar		

## 6. LIST OF BEDDING, CLOTHING, AND LINEN ITEMS

Sl no	Name of the items	Specification	Remark
1	Bed sheet (white coloured ,bleached ,both side stitched)	Length=230 Width =150cm Construction particulars, Performance requirement dimensionandmassshouldconfirmto IS 175:1989 (Reaffirmed2001, Varity No.4)	
2	Turkish Towel (Large white colour)	150cmx70cm.	Both side stiched
3	Turkish Towel (Small, White colour.)	60cmx80cm.	Both side stiched
4	Green Cloth cotton	89cm/Mtr	
5	O.T. Towel (Green colour)	100cmx89cm	Cotton ,both side stiched
6	Pillow Cover		
7	Pillow		
8	Blanket (Adult)		
9	Mosquito Net		
10	Patient Gown		
11	Surgen Gown		
12	Mackintos Sheet	(20mtr Roll)	
13	Mattress Cover		

## 7. List of DPH Laboratory Items:

DPHL KENDRAPARA( Lab logistic & Consumables)			
Glass wares			
Sl. No.	Name of the Apparatus	Quantity	Specification
1	Conical Flask	100ml	Glass
		250ml	
		500ml	
		1000ml	
2	Measuring Cylinder	10ml	Glass
		100ml	
		250ml	
		500ml	
3	Petriplates	100mm	Glass
		100mm	Autoclavable fiber
		100mm	Disposable
4	Test Tube( Rimless)	12x75	Glass
		10ml	
		20ml	
		38ml	
		30ml	
		100ml	
5	Beaker	50ml	Tarson Autoclavable Plastic
		100	
		250	
		500ml	
		1Ltr	
6	Borosil Microscope Slide	Transparent	Glass
7	Autoclavable Glass Bottles with Lid	500ml	Autoclavable
8	Coverslip	Transparent	Pkt
9	Durham's Tube	100/pkt	Glass
10	Concavity slide	Glass	for Motility testing
Metalwares			
Sl. No.	Name of the Apparatus	Quantity	Specification
1	Inoculating Loop	2mm Diameter	Nichrome(Himedia)
	Inoculating Loop	1mm Diameter	
2	Forceps	Medium	Stainless Steel
3	Scissors	Medium	Stainless Steel
4	Staining Rods		Steel
5	Staining Rack		Steel

6	Spatula	Medium	
<b>Test kits</b>			
Sl. No.	Name of the Test kit		Specification
1	Dengue IgM ELISA Kit		Meril
2	Dengue NS1 ELISA Kit		Meril
3	H2S( Coliform)		Himedia
4	Orthotoludine kit		Himedia
5	JE IgM ELISA Kit		
6	HBA1C Kit		SD
7	Leptospirosis IgM ELISA Kit		ELISA kit
8	Scrub Typhus IgM ELISA Kit		ELISA kit
9	Chikungunya IgM ELISA Kit		ELISA kit
10	Measles IgM ELISA Kit		ELISA kit
11	Quantitative viral load kit for HBV		TRUE NAT KIT
12	Quantitative viral load kit for HCV		TRUE NAT KIT
13	Hepatitis A Ig M		ELISA kit
14	Hepatitis E Ig M		ELISA kit
<b>Other requirements</b>			
Sl. No.	Name of the Apparatus	Quantity	Specification
1	PH paper		small Range
	PH paper		wide range
2	Sample Collection Vials	Plastic	Capped(plastic)
3	Sample Container	Plastic	Sterile Uricol
4	Cotton Swabs	Sterile	(In Packets)
5	Filter Paper	Wattman's	
6	Aluminum foil		
7	Thermo cool box		10x10x10 inches
8	Ice gel pouch		
9	Spreader	in packet	
10	White Pencil Marker		
11	Waste disposal Bags( Black, Blue, red, Yellow)	50/packet	
12	Zip lock bag plastic		
13	Discarding Tray(stain less steel)	Hard Plastic	Autoclavable
14	Sterilizing Indicator(Sterio thermophilus strip)	Strips in Packet	
15	Brown paper		

16	Cello tape Big size		
17	Rubber bands	in KG	
18	Tissue paper	in Roll	
19	Cotton	Absorbant	in Packet
		Nonabsorbant	in Packet
20	Multichannel Micropipettes(Adjustable)		20-300 $\mu$ l
21	Sterile Micro Tips(for ELISA)	1000/pkt	10 $\mu$ l
		1000/pkt	200 $\mu$ l
		1000/pkt	1000 $\mu$ l
22	Aprone	White	Full sleeve
23	Nitrile Gloves( Blue colour sterile powder free)	50/Pkt	6.0"
		50/Pkt	7.0"
24	Masks disposable	100/Pkt	disposable
25	Antibiotic Zone Diameter Scale	Plastic	
26	Test Tube Washing Brush		Big
			medium
			small
27	K3 EDTA vials		
28	Plain vials		
29	Gel clot vials		
30	Sterile swab stick	.....	Himedia(PW1136)
31	Sterile swab stick (Screw cap)	.....	Himedia(PW003)
32	Tourniquet		
33	10 ml screw cap vials		Tarson
34	Autoclavable Sterile Plastic Vials	5ml	Plastic
35	Autoclavable Sterile Plastic Vials	10ml	Plastic
36	Urine culture Bottle	50 ml	
37	Water testing bottle(Plastic Autoclavable)	250ml	
			Tarson
38	Bunsen Burner with Pad & Stand		
39	Disposable Syringe	2ml	
		5ml	
		10ml	

Liquid Reagents			
Sl. No.	Name of the Liquid reagent	Quantity	Specification
1	Cedar wood Oil/Liquid Immersion Oil	in Bottle	100ml
2	Absolute Alcohol (99.99%)		500ml
3	Isopropyl Alcohol (70%)		
4	Spirit(Surgical)		500ml
5	Lysol	in Lit	
6	3% Hydrogen peroxide(H <sub>2</sub> O <sub>2</sub> )		500ml
7	Kovac's Indole reagent		
8	Barrit's reagent A		
9	Barrit's reagent B		
10	KOH		500gm
11	Sodium Hydroxide(NaOH) crystals		100gm
12	4% Sodium Hypochloride solution		5lit Can
13	Formal Dehyde		500ml
14	Concentrated Sulphuric Acid	99.99%	250ml
15	Acetone		500ml
16	Buffer Capsules(pH 4& 9)		3pkt
17	Deionised/Distilled water	In Ltr	
18	Dettol Hand wash		
19	Deoderising Pearl		
20	Urea Crystals for Urease Agar		250gm
21	Diluent for CBC 3 part		Medonic
22	Lyse for CBC 3 part		Medonic
23	Liquid Paraffin		200ml
24	Sodium Chloride		
25	Sodium Hydroxide		
26	HCL		
27	Sanisol Disinfectant	In ltr	
28	10% Feric Chloride		
29	Phenol Indicator		
Media Required			
Sl. No.	Name of the Culture Media	Bottle containing	Specification
1	Nutrient Broth	500mg	Himedia
2	Nutrient agar	500mg	Himedia
3	Agar Agar	100gm	Himedia
4	Peptone Water	500mg	Himedia
5	Mac-conkey broth	500mg(Single strength)	Himedia
		500gm(Double strength)	Himedia
6	Mac-conkey Agar	500mg	Himedia
7	Selenite F Broth	200gm	Himedia
8	XLD Agar	200gm	Himedia

9	DCA agar	200gm	Himedia
10	TCBS agar	500mg	Himedia
11	Mullar Hinton Agar	500gm	Himedia
12	Triple Sugar Iron Agar	500gm	Himedia
13	Simmon citrate Agar	500gm	Himedia
14	Carry Blair medium in polypropylene tube		Himedia
15	Alkaline peptone water	500mg	Himedia
16	Lysine Iron Agar	500gm	Himedia
17	Mannitol Motility Agar	100gm	Himedia
18	Salmonella Shigella Agar	500gm	Himedia
19	Brilliant Green Bile Broth	500gm	Himedia
20	MR-VP broth	500gm	Himedia
21	Urea Agar Base(Chrisstensen)	500gm	Himedia
22	Loeffler's serum Medium	100gm	Himedia
23	Strenotrophomonas selective Agar Base	500gm	Himedia
24	Methyl Red Indicator		Himedia
25	Mannitol Salt Agar	100gm	Himedia
26	Robert Cook meat broth	500gm	Himedia
27	Robert Cook meat broth(Ready made)		
28	Sheep Blood Agar 90 mm plate (Ready made)		Himedia
29	Brain Heart Infusion Broth bottle ( Ready made) for pediatric.	20 ml	Himedia
30	Brain Heart Infusion Broth bottle (Ready made) for Adult.	50 ml	Himedia
31	CLED Agar	500gm	Himedia
32	Carry blair media base	500gm	Himedia

#### Stain & Antibiotics

Sl. No.	Name of the Stain kit	Specification
1	Gram staining kit	Himedia
2	AFB Stain Kit	
3	Leishman's Stain kit	Himedia
4	Oxidase disc Bottle	Himedia
5	Albert Stain Reagent(1&2) Kit	Himedia
<b>ANTIBIOTICS DISC REQUIRED</b>		
	Amikacin 30 mcg	100x1 Himedia
	Ampicillin Ab 10 mcg	100x1 Himedia
	Azithromycin 15 mcg	100x1 Himedia
	Amoxicillin clavulanic acid 18 mcg	100x1 Himedia
	Aztreonam 22 mcg	100x1 Himedia
	Cefuroxime 18 mcg	100x1 Himedia
	Ertapenem 22 mcg	100x1 Himedia
	Imipenem 23 mcg	100x1 Himedia
	Meropenem 23 mcg	100x1 Himedia
10	Cefiperazone 75 mcg	100x1 Himedia

11	Cefixime 5 mcg	100x1 Himedia
12	Cefodoxime 10 mcg	100x1 Himedia
13	Cefoperazone 75 mcg	100x1 Himedia
14	Cefotaxim 5 mcg	100x1 Himedia
15	Ceftriaxone 30 mcg	100x1 Himedia
16	Ceftazidime 21 mcg	100x1 Himedia
17	Chloramphenicol 30 mcg	100x1 Himedia
18	Ciprofloxacin 5 mcg	100x1 Himedia
19	Clindamycin 2 mcg	100x1 Himedia
20	Co-Trimoxazole 25 mcg	100x1 Himedia
21	Doxycycline 30 mcg	100x1 Himedia
22	Erythromycin 15 mcg	100x1 Himedia
23	Gentamycin 10 mcg	100x1 Himedia
24	Levofloxacin 5 mcg	100x1 Himedia
25	Linzolid 30 mcg	100x1 Himedia
26	Minocycline 16 mcg	100x1 Himedia
27	Nilidixic 30 mcg	100x1 Himedia
28	Nitrofurantoin 100 mcg	100x1 Himedia
29	Norfloxacin 10 mcg	100x1 Himedia
30	Ofloxacin 5 mcg	100x1 Himedia
31	Oxacillin 1 mcg	100x1 Himedia
32	Piperacillin 100 mcg	100x1 Himedia
33	Tobramycin 10 mcg	100x1 Himedia
34	Tetracycline 15 mcg	100x1 Himedia
35	Vancomycin 30 mcg	100x1 Himedia
36	Cefuroxime	100x1 Himedia

Sl. No.	Item Description	Pack Size	Make	Cat No
1	Pipettor Stand 5 places	1	Tarsons	30080
2	Cryo Cube Box, 100 places, 4box/pack	1.8ml	Tarsons	202070
3	Cryo Cube Box, 100 places, 4box/pack	1.8ml	Tarsons	212070
4	Micro Centrifuge Tube, 500/pkt	2 ml	Tarsons	500020
5	Purple Nitrile Gloves L size, 50/pkt	Large	Tarsons	97613
6	Purple Nitrile Gloves M size, 50/pkt	Medium	Tarsons	97612
7	Racked Filter Tips, Sterile, 960 (10 Racks)	1000 ul	Tarsons	528106
8	Racked Filter Tips, Sterile, 960 (10 Racks)	200ul	Tarsons	528104
9	Racked Filter Tips, Sterile, 960 (10 Racks)	20ul	Tarsons	528101
10	Racked Filter Tips, Sterile, 960 (10 Racks)	10ul	Tarsons	528100

11	Ethanol Absolute	500ml	Adventol	
12	Reversible Rack with Cover, 4/pkt	0.5 or 1.5ml	Tarsons	241010
13	CRYOCHILL- TM -20°C Mini Cooler, 12 Places	1.5ml	Tarsons	525010
14	Polygrid Micro Centrifuge Rack		Tarsons	241014
15	RNA Erase	250ml	Himedia	ML162
16	Parafilm M, 2"x250'		Tarsons	380010
17	Parafilm M, 4"x125'		Tarsons	380020
18	Disposable Apron			
19	Optical Plate Seal, 100/pkt		Tarsons	157300
20	Semi Skirted 96 Wells x 0.2 ml Plate, 25/pkt		Tarsons	612020
21	PCR Rack with Cover, 6/pkt		Tarsons	241000
22	Indicator Tape for Steam Autoclave, 1"x500"	1 roll	Tarsons	670050
23	Autoclavable Biohazard Bags, 12"x24", 100/pkt		Tarsons	550012
24	Autoclavable Biohazard Bags, 24"x30", 100/pkt		Tarsons	550015
25	Cryo Tags, 38x19, 1000/pkt		Tarsons	523090
26	Tough Tags, 32.5x12.7, 1000/Pkt		Tarsons	500060
27	Multipurpose Labelling Tape, 075"x500"		Tarsons	680000
28	SPINWIN - TM Centrifuge Tube Conical Bottom, 300/pkt		Tarsons	546042
29	Wash Bottle- 500ml Capacity		Tarsons	560030
30	Measuring Cylinder 6/Pkt, 250 ml		Tarsons	345050
31	Measuring Cylinder 6/Pkt, 500 ml		Tarsons	345070
32	Test Tube Stand, 12place, 32mm dia, 4/pkt			202050
33	Test Tube Stand, 20place, 20mm dia, 4/pkt		Tarsons	202030
34	Water nuclease-free, 30 ml		Genetix	R0582
35	Cryogenic Marker		Tarsons	930011
36	Cryochill TM Vial Self standing sterile, 1000/pkt	1.8ml	Tarsons	523182
37	UNIVERSAL MICRO TIP BOX, 10/pkt	0.2-10 ul	Tarsons	524052
38	UNIVERSAL MICRO TIP BOX 10/pkt	2 - 200 ul	Tarsons	524053
39	UNIVERSAL MICRO TIP BOX 10/pkt	200-1000 ul	Tarsons	524059
40	Aluminium foil			
41	Maxiamp 0.1 ml tube strips with cap		Tarsons	611010
42	Beaker, PP Autoclavable, 6/pkt	500ml	Tarsons	421050

43	Beaker, PP Autoclavable, 12/pkt	250ml	Tarsons	421040
44	Biohazardous Waste Container	5 lit	Tarsons	583256
45	Biohazardous Waste Container	20 lit	Tarsons	583254
46	Biohazardous Waste Container	1.5 lit	Tarsons	882209
47	Cryo Box Rack/PCR Plate holder, 14x14x60cm, 2/pkt		Tarsons	524034
48	Tissue Paper			
49	Rack for Micro Tube, 48 places, 6/pkt	1.5ml	Tarsons	241030
50	Spillyter Lab Soakers, 250pads/pkt		Tarsons	590010
51	Kim wipes		Tarsons	
52	Parafilm Dispenser	1pc	Tarsons	380000
53	AlkaSept	1ltr Pack	Himedia	CO152
54	Accupipette-T2-0.5 ul – 2ul		Tarsons	30000
55	Accupipette-T20-2 ul – 20ul		Tarsons	30010
56	Accupipette-T10-10 ul – 100ul		Tarsons	30030
57	Accupipette-T200-20 ul – 200ul		Tarsons	30040
58	Accupipette-T1000-200 ul – 1000ul		Tarsons	30050
59	MAXAMP PCR Tube0.2ml		Tarsons	510051
60	Cryobox (1.8ml Capacity, 4/Pkt)		Tarsons	524020
61	96 PCR Tubes Thermo Conductive Rack		Tarsons	525320
62	Utility Tray		Tarsons	242010
63	Utility Tray		Tarsons	240070
64	Filter Pipette Tips 20ul Capacity		Tarsons	527101
65	Filter Pipette Tips 200ul Capacity		Tarsons	527104
66	Filter Pipette Tips 1000ul Capacity		Tarsons	527106
67	Micro Tips 1000ul Capacity		Tarsons	521020-B
68	Sample Bag 5"x8"		Tarsons	553020
69	Multipurpose Labelling tape		Tarsons	680000
70	Spinwin Microcentrifuge Strip MP 100		Tarsons	

## 8. LIST OF LABORATORY MATERIAL REQUIRED FOR RNTCP USE

Sl NO	Name of the Item	Name of the manufacturer	Pack Size	Specification
1	Distil Water		5ltr. Jar	RNTCP Standards
2	Basic Fuschion	Himedia,Merck,Rankem,	25Gm/Bottle	Chemical Name:- Paraosaniline Hydrochloride, Chemical Formula:- $C_{20}H_{20}ClN_3$ , Mol.Wt:- 337.86, Dye Content: Approx. 85%-88%. Colour: Metallic Green.
3	Phenol	Himedia,Merck,Rankem,	500MI/Bottle	Chemical name: Phenol, Chemical structure: $C_6H_5OH$ , Molecular Wt: 94.11, Melting point: $40^{\circ}C+2$ , purity: 99.5%
4	Methylene Blue	Himedia,Merck,Rankem,	(25Gm/Bottle)	Chemicals name: Methyl thionine chloride, Chemical structure: $C_{16}H_{18}ClN_3S$ , Molecular Wt: 319.9, Dye content: Approx 82% (dye content must be mentioned)
5	Conc. Sulphuric Acid	Himedia,Merck,Rankem,	500MI/Bottle	Chemicals name : Sulphuric Acid, Formula Wt: 98.08, Specific Gravity 1.84 Minimum Assay: 98%
6	Synthetic Oil/Immersion oil for microscopy	Himedia,Merck,Rankem,	30 MI/Bottle	RNTCP Standards
7	Diamond Pencil		Lab Use for Glass	6" holder with artificial diamond (hard stone) embedded at one end with screw cap to mark on microscope glass slides.
8	Glass rod		Big Size (min 3')	Glass rod
9	Waste Bucket		per piece	Foot operating plastic bucket with cover.

10	Filter Paper		100 pcs/pack	Filter paper No. 1, 12.5 cms diameter for filtering carbol fuchsin using a small funnel of 10cm maximum diameter, Smooth on one side and rough on the other side, water permeable.
11	Tissue paper		Rolling Type	RNTCP Standards
12	Lens paper		Book Type	Soft microscope lens cleaning tissue, 4" x 6" booklet, each booklet containing 100 sheets
13	Sticker for sputum container		1000 Pack	RNTCP Standards
14	Glass slide	Himedia, Blue Star	50/Pack	Glass microscope slides, 75mm x 25mm x 1.35mm, plain, one pack of 50 slides.
15	Phenyl 40%	Bengal chemicals	5lit	Household disinfectant, containing phenolic compounds such as monochlorophenol, coal tar acid, oils & Emulsifiers etc. The approx. content of phenolic compounds should be at least 40%.
16	Plastic dropping bottle		100ml	250ml capacity built-in stem all polypropylene; leak proof screw cap made of polypropylene.
17	Methylated spirit		500 MI	Chemical Name: Ethanol denatured + 5% isopropyl alcohol + 5% Methanol, Molecular structure: $C_2H_5OH$ , Molecular wt: 46.07, Purity: 90%
18	Microscopic bulb 12 volt		Philips	

19	Slide Box 100nos rack capacity			Slide Box 100nos rack capacity
20	Slide box 50nos rack capacity			Slide box 50nos rack capacity
21	Falcon tube	Tarson,		
22	Parafilm	Tarson,		Parafilm, 100 mm width, 38 m length, for use between 40°C to +50°C
23	N95 Mass			ISI marked respirators, universal size, less than 0.22 µM, individually packaged (preferably in boxes of 10 pieces each)
24	Absorbable Cotton			Absorbent, each roll of 0.5 kg.
25	Disposable Gloves			Acid & alkali proof, Rubber, Anti-static, to cover at least ¾th of forearm.
26	ENAMEL TRAY			Size: 15" length, 10" Width, 3" Depth
27	Vaccine Carrier			
28	Sputum Container (5ml)			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.
29	Glass Funnel		Big Size(200M l)	
30	Glass Funnel		Big Size(100M l)	
31	Falcon Tube Stand		20tubes/st and	
32	Gel Pack			
33	Brown Tape			
34	Thermo cool Box			

35	Hygrometer Digital			Hygrometer Digital
36	Weight Machine (For Patients)		Min 200kg capacity	Min 200kg capacity
37	Auramine O Powder,	Himedia,Merck,Rankem,	500g	Chemical formula- C <sub>17</sub> H <sub>22</sub> ClN <sub>3</sub> , Mol Wt: 303.84
38	Pottassium permanganet Powder	Himedia,Merck,Rankem,	500g	Chemical formula- KMnO <sub>4</sub> , Mol. Wt:158
39	Ethanol(99%),		500ML/Bottle	Ethanol
40	HCL Concentrated,	Himedia,Merck,Rankem,	500ML/Bottle	Chemical name- Concentrated Hydrochloric Acid, Chemical formula- HCl, Mol Wt:36.46, Specific Gravity 1.18
41	Oxalic Acid,		500g	Chemical formula; COOHCOOH.2H <sub>2</sub> O; Mol Wt:126.07 ; purity 99.8%
42	Measuring Cylinder100ml	Borosil		Graduated 100ml cylinder
43	Measuring Cylinder1000ml(Borosil)	Borosil		Graduated 1000ml cylinder
44	Flat Bottom Flask,500ml(Borosil)	Borosil		Graduated 500ml cylinder
45	Flat Bottom Flask,2ltr(Borosil)	Borosil		Autoclavable and dry heat resistant, flat bottom, conical flask
46	Screw Capped Amber Colour bottle, 2ltr	Borosil		Screw Capped Amber Colour bottle, 2ltr. Capacity.
47	Screw Capped Amber Colour bottle, 500 MI	Borosil		Screw Capped Amber Colour bottle, 500ml Capacity.
48	Aluminum Foil for covering auromine regent			Aluminum Foil for covering auromine regent
49	Apron XL			
50	Absorbent Paper			

51	Spray Head Bottle			1 litre bottle with Spray head (preferably with one spare spray head)
52	Thermo meter (Alcohol based)			
53	Falcon Tube Stand			
54	Surgical tray			
55	Weight Machine (For Labs)		Min 50g capacity	Min 50g capacity
56	Kim Wipes			
57	Sodium Hypochlorite (4%)			Chemical formula: NaClO, Concentration not less than 4%, Packaging -5 Liter/pack
58	Induction Heater		1000 Watt	
59	Plastic Dropping Bottle		200 ml	
60	Aluminium Tray for glass slide drying			Length-12",Breath-8"
60	Thermocol Box			Length-12",Breath-8",Height-10"

The lab reagents should be procured in good quality from reputed firms like HIMEDIA/RANBAXY/MERK maintain quality of NTEP with the potency, mfg Date & Exp Date clearly mentioned on the bottle.

#### Sample Verification of the Item(s):

Sample verification of the item is a part of the technical evaluation. Before opening of the Price Bid, the sample of the item(s) submitted by the technically qualified bidders (based on document submitted) shall be verified by the Tender committee/Technical teams in order to verify the quality standard as asked in the technical specification. The Tender Committee shall examine the sample and also verify the dimensional parameters mentioned in the technical specification.

Failure to submit the samples before the stipulated date of sample submission or if the samples submitted will be found to be not as per technical specification will lead to automatic rejection of the bid and such bidders shall not be considered for opening of their price bids.

### 9. List of Physiotherapy Equipment to be Purchased for DEIC

Sl no	Name of the Equipment	Remarks
1	Activity Table/ Modified Wheel chair (Paediatric)	
2	Rowing	
3	Parralal Bars (Paediatric)	
4	Weight Cuffs (Paediatric)	
5	Weight & Puller Exercise (Paediatric)	
6	Ankle Exerciser (Paediatric)	
7	Shoulder Wheel (Paediatric)	
8	Fore - Arm- Exceriser (Paediatric)	
9	Tread Mill (Paediatric)	
10	Tilt Table (Paediatric)	
11	Multi Gym (Paediatric)	
12	Wrist Roll (Paediatric)	
13	Grip Excerciser (Paediatric)	
14	Floor Ladder (Paediatric)	
15	Wrist Circumductor (Paediatric)	
16	Knee Hammer (Paediatric)	
17	Depth Perception Peg Board	
18	Treatment Cuff (6x4x2, 6x4x1)	
19	Height adjustable walker and rollator	
20	Standing frame (Paediatric)	
21	Nirmals Hand Table apparatus (Paediatric)	
22	CP Chair (Paediatric)	
23	Corner Seat (Paediatric)	
24	Crawler (Paediatric)	
25	Staircase (Paediatric)	
26	Beach Ball with different sizes (Paediatric)	
27	Peanut Ball with different sizes	
28	Electrical stimulator	
29	Therapeutic Ultrasound Machine (Paediatric, Double Headed))	

**10. List of Equipment's and Furniture including Reagents and Diagnostic Kits for UPHC**

Sl.No	Name of the EIF	Remarks
1	Fire Extinguisher	
2	BP apparatus( 3 size cuft-Adult, Ped & child)	
3	Thermometer(Digital )	
4	Weighing machine platform-digital- adult	
5	Infant weighing scale	
6	Stadiometer	
7	Torch(LED)	
8	Stethoscope (Double Head)	
9	X-ray view box(Single Panel)	
10	Tongue Depressor(2sizes)	
11	Otoscope (LED )	
12	Hand Sanitizer	
13	Foetoscope	
14	Inch tape	
15	Snellen & Near Vision Charts	
16	Stethoscope	
17	BP Apparatus- 3 cult	
18	Weighing Scale	
19	Inch Tape	
20	Facility for measuring height (Stadiometer)	
21	Foetoscope	
22	Thermometer	
23	Wall clock (2 Nos.)	
24	Uterine Sound	
25	Voiselum	
26	Sims Speculum	
27	Sponge holder	
28	Artery Forcep	
29	Alles Forcep	
<b>Availability of diagnostic instruments at clinics / consultation rooms for PAP smear</b>		
30	Cusco Spaculum	
31	Spatula	
32	Fixer (spray)	
33	Marker pen	
34	Light Source ( SPOT LIGHT)	
<b>Availability of Dressing Instruments in Dressing Room/ Injection Room</b>		
35	Chittel's forcep-	
36	Artery Forceps-	
37	Normal Forcep-	
38	Tooth Forcep-	
39	Needle Holder- ( curved & straight )	

40	Scizor	
41	Tailor Scizor	
42	Stitch Cutting Scizor	
43	Splints	
44	Dressing Drums-	
45	Portable Electrical sterilizer-	
46	Autoclave- (20 liter)	
47	Drug trolley	
48	Instrument trolley	
49	Dressing trolley	
50	Spot light	
51	Tonometers (Schiotz)	
52	Direct Ophthalmoscope	
53	Illuminated Vision Testing Drum	
54	Trial Lens Sets with Trial Frames	
55	Snellen & Near Vision Charts	
56	Battery Operated Torch (2)	
57	Slit lamp (Hand Held)	
58	Epilation forceps	
59	Otoscope	
60	Head Light	
61	Ear specula	
62	Ear syringe	
63	Jobson Horne probe	
64	Tuning fork ( 512 HZ)	
65	Ambu's bag ( adult, peadiatric, Neonate)	
66	Oxygen Cylinder Trolley	
67	Nebulizer	
68	Suctionan machine	
69	Instrument Cabinet	
70	Patient Stool	
71	Examination Table	
72	Footstep	
73	Partition screen	
74	Wall Clock (4 Nos.)	
<b>PHYSIOTHERAPY EQUIPMENT FOR UHWC (Facility Level)</b>		
75	IFT (Interferential Therapy)	
76	TENS (Trans Cutaneous Nerve Stimulation)	
77	Infra-Red	
78	Ultra Sound Therapy	
79	Traction(Used for Lumbar, Cervical, Knee & Ankle)	
80	Paraffin Wax Bath	
81	Ultra Sound Therapy (SingleHead)	

82	MST (Muscle stimulator)	
83	Quadriceps Table	
84	Shoulder wheel, Ladder, Pulley	
85	Trampoline (Mini)	
<b>PHYSIOTHERAPY EQUIPMENT FOR URBAN HWC (Home based therapy EQUIPMENT KIT)</b>		
86	MST (Muscle stimulator) & TENS(Trans Coetaneous Nerve Stimulation) COMBO	
87	ULTARSOUND THERAPY (SINGLE FREQUENCY)	
88	WRIST EXCERCISER / FINGER STREGTHENER/THERA BAND SET/SOFT BALL/PUTTY	
89	Paraffin Wax Bath (MINI)	
90	ULTARSOUND THERAPY (SINGLE FREQUENCY)	
91	MST (Muscle stimulator)	
92	BACK PACK OR XIT (Bag)	
<b>UHWC with Lab Tech. &amp; Laboratory Requirement</b>		
93	Binocular Microscope with Oil immersion	
94	Stool Transport Carrier	
95	Test tube rack	
96	Table Top Centrifuge	
97	Spirit lamp	
98	Smear Transporting Box	
99	Semi- automated Bio-Chemistry analyzer	
100	Digital HB Meter	
101	ESR Stand with tube	
102	Micro Pipette	
103	Hot Air Oven	
104	Incubator	
105	PH Meter	
106	TCDC count	
107	Neubauer chamber	
108	Electrolyte Analyzer	
109	Pressure cuff & stop watch	
110	Coscos Speculum	
111	Examination Table	
112	Stand Focus Light	
113	Ancillary Items (Glassware etc)	

**11. EQUIPMENT, CONSUMABLES AND MISCELLANEOUS SUPPLIES FOR HWC.**

Type	Items			
<b>1. Items required for routine services</b>				
Furniture and Fixtures	Chairs for patient waiting area			
	Bedside screen (3 fold) in LR & wards			
	Steel Almirah / Cupboard/storage chests			
	Examination table			
Clinical Material, tools and equipment	Basin 825 ml. Ss (Stainless Steel)			
	Basin deep (capacity 6 litre)			
	Instrument tray with cover 310 x 195x63mm SS			
	Dressing Drum with cover 0.945 liters stainless steel			
	Hemoglobinometer (strip/micro-cuvette)			
	Weighing Scale, Adult 125 kg/280 lb			
	Instrument sterilizer			
	Sphygmomanometer Aneroid 300 mm with cuff			
	Kelly's hemostat Forceps straight 140 mm			
	Cheate's Forceps			
	Cheate holder			
	Needle holder			
	Scalpel holder with blade			
	Sponge holding forceps			
	Kidney tray			
	Artery Forceps, straight, 160mm Stainless steel			
	Stitch cutter			
	Alles forceps			
	Dressing Forceps (spring type), 160 mm, stainless steel			
	Stethoscope			
	Hub Cutter/Needle Destroyer			
	I/V Stand			
	Artery Forceps-Curved			
	Digital Thermometer			
	Examination Lamp			
	Oxygen Cylinder with trolley			
	Stadiometer			
	Nebulizer			
	Gauze Cutting Scissors Straight			
	Lab - Diagnostic Materials	Slide drying rack		
		Specimen collection bottle		
Micro-pipette				
Yellow Tips for Micropipette				
Microscope				
Neuber Chamber				
ESR Stand with tube				
TC-DC Count apparatus				
Stopwatch				
Sickeling test kit				
Water quality test- H2S Strip test				
2. Items required for providing RMNCHA services	Colorimeter			
	Centrifuge machine			

Type	Items		
Clinical Material, tools and equipment	Weighing Scale (10 Kg)		
	Vulsellum Uterine Forceps curved 25.5 cm		
	Cusco's/Graves Speculum vaginal bi-valve		
	Sims retractor/depressor		
	Sims Speculum vaginal double ended ISS Medium		
	Uterine Sound Graduated		
	Cord cutting Scissors. Blunt, curved on flat, 160 mm ss		
	Foetoscope		
	Ambu Bag (Paediatric size) with Baby mask		
	Episiotomy Scissors		
Lab Materials	Rapid Pregnancy Testing Kit		
	Dipsticks for urine test for protein and sugar		
<b>3. Items required for providing Speciality services</b>			
Oral Health	Interdental cleaning aids		
	Dental Probe		
	Universal tooth extractor		
ENT	Flashlight/Torch Box-type pre-focused (4 cell)		
	Tongue Depressor		
	Mouth Gag		
	Mouth Mirror		
	Tuning fork		
	Nasal Speculum (St. Claire's)*		
	Ear Speculum – metallic, dull finish		
	Jobson-Horne probe		
Communicable diseases	Otoscope		
	Malaria Rapid Test Kit		
	Whole blood finger prick HIV Rapid Test & STI screening test		
	Typhoid rapid test kit		
NCD	Rapid test kit for Hepatitis B & C		
	Glucometer with strips and lancet		
Ophthalmic services	VIA Kit for screening cervical cancer		
	Snellen vision chart		
	Near vision chart		

### Equipment's, Instrument & Furniture (EIF) for SC- HWCs

Sl No	Name of the Item		
<b>A</b>	<b>Furniture Fixture</b>		
1	Consultation Table		
2	Chair for Staff		
3	Plastic Chair in waiting area		
4	Almirah		
5	General Tack		
6	Stool for patient		
7	Instrument Cabinet		
8	Examination Table		
9	Partisan Screen		

10	Foot Step	
11	Medicine Rack	
12	White Board (medium )	
13	Fan	
14	Inverter ( 2 KVA with 2X180mAH Battery)	
<b>B</b>	<b>General Equipment/Instruments</b>	
1	Clinical Thermometer	
2	BP instrument (3size Cuff)- Aneroid	
3	Stethoscope	
4	Pulse Oxymeter (Finger type )	
5	Stopwatch	
6	Examination Lamp	
7	Torch	
8	Kidney Trey (Medium )	
9	Weighing Machine (Adult)	
10	Weighing Machine (Infant )	
11	Hinging Weighing Scale (Toddler )	
12	Stadiometer (Adult )	
13	Infantometer	
14	Measuring Tape	
15	MUAC Tape	
16	Steam Sterilizer ( Medium / Large )	
17	Auto Clave (10 Liter )	
18	Auto clave Box (Drum )	
19	Tray instrument /Dressing woth cover 310x195x63 mm ss	
20	Cheatle's Forceps and its Jar (SS)	
<b>C</b>	<b>Pregnancy &amp; Child Birth</b>	
1	Digital Haemoglobinometer (without Strip )	
2	Glucometer	
3	Cosco Speculum (Medium)	
4	Sims Speculum ( Medium)	
5	Sims Speculum ( Large)	
6	Uterine Sound	
7	Sponge Holder	
8	Allis Forcep (Medium )	
9	Allis Forcep (Large )	
<b>D</b>	<b>Non - Communicable Diseses</b>	
1	Mouth Mirror	
2	Tongue Depressor ( Disposable )	

3	Spoon Excavator	
<b>E</b>	<b>Common EYE &amp; ENT</b>	
1	Snellen Chart ( illuminated ) ( EYE Department )	
2	Auroscope / Autoscope	
3	Tuning Fork ( 512Hz )	
4	Nasal speculum ( Small)	
5	Nasal speculum ( Large )	
6	Nasal Forecep for Foreign Body removal	
<b>F</b>	<b>Oral Health</b>	
1	Dental Explorer	
<b>G</b>	<b>Elderly Care</b>	
1	Exercise Bicycle	
2	Shoulder Wheel	
3	Walker	
4	Cervical Traction ( Manual )	
5	Gait training apparatus	
6	Infrared Lamp	
7	Nebulizer	
<b>H</b>	<b>Emergency Medical Service</b>	
1	Saline Stand	
2	Bed Pan	
3	Bed side urinal	
4	Dressing cum observation Table	
5	Scalpel with Blade	
6	Needle Holder for Stitching	
7	Suture material	
8	Tooth Forceps	
9	Plain forceps	
10	Artery Forceps	
11	Sinus Forceps	
12	Set of AMBU Bag ( to include Adult , pediatric and neonatal AMBU bag and masks and oral adjuncts )	
13	Tourniquet ( Adult & Pediatric )	
<b>I</b>	<b>Bio-Medical</b>	
1	Colour coded Bins (one set )- medium size ( foot operated )	
2	Plastic Tub with lid (10" base	
3	Rapid Diagnostic for pregnancy ( urine pregnancy Test )	
4	Blood Smear Collection for malaria parasite	
5	Visual Inspection -Acetic Acid	
6	Test for iodine in salt (used for food )	
7	Water testing for faecal contamination and	

	chlorination (H2S strip)	
<b>Kits &amp; Consumables for Diagnostic Services at PHC_HWC Level</b>		
Sl no	<b>Haematology</b>	
1	Total Leukocytes count (TLC)	
2	Differential Leukocytes count (DLC)	
3	Platelet Count	
4	ESR	
5	Clotting	
<b>serology - Microbiology</b>		
1	Sputum for AFB	
2	Malaria Slide Method	
<b>Kits &amp; Consumables for Diagnostic Services at PHC_HWC Level</b>		
Sl No	<b>GOI Test List</b>	
<b>Stool Analysis</b>		
1	Stool for OVA and CYST	
<b>Hysto Pathology</b>		
1	Visual Inspection using Acetic Acid (VIA) for cervical cancer	
<b>Kits &amp; Consumables for Diagnostic Services at PHC_HWC Level</b>		
<b>Bio Chemistry</b>		
1	Glucose Tolerance TEST (GTT)	
2	s. Bilirubin (T)	
3	s. Bilirubin ( Direct and indirect )	
4	Serum Creatinine	
5	Blood Urea	
5	SGPT	
6	SGOT	
7	S. Alkaline Phosphatase	
8	S Albumin & AG ratio	
9	S. Total Cholesterol	
10	S. Trilycerol	
11	S. VLDL	
12	S. HDL	
13	S. LDL	

14	Serum Sodium & Potassium	
15	CRP (including new born) - (quantitative)	
16	Uric Acid	
17	Serum Calcium	
<b>Other</b>		
1	Water testing for faecal contamination and Chlorination (Ortho Toluidine Test)	
<b>Kits &amp; Consumables For UPHC- HWCs</b>		
<b>Sl No</b>	<b>GOI Test List</b>	
<b>Haematology</b>		
1	Total Leukocytes count(TLC)	
2	Differential leucocytes count (DLC)	
3	Platelet Count	
4	Clotting	
5	Reticulocyte Count	
<b>serology - Microbiology</b>		
1	Sputum for AFB	
2	Malaria Slide Method	

**Annexure-1**  
**Technical Specification:**

**Baby Weighing Scale with Sling**

**Technical Specification:**

- Should have Tough Nylon Plastic (Black) body with demonstration photos in white colour
- Capacity : Maximum load capacity should be 5kg
- Each product should be stamped by weight & measurement department.
- Should have color coded reading scale.
- Should have Zero adjustment.
- Scale should be should have inbuilt overload protection.
- Minimum graduation should not less than 500 gms.
- Scale should be fitted with an approx.3" rod handles with non-corrosive metallic ring on top and S shaped hook at the bottom for suspending the sling bag.

- Spring used in the scale should be made of heavy duty steel spring, non-corrosive grade-II.
- Sling bag should be made of double stitched tough & tear resistant 100% polyester to weigh the baby (With load carrying capacity of at least 7 kgs.) Sling bag width at the middle of the bag: 24". Two nos. Sling bags should be provided in each baby weighing scale.

### Clinical Digital Thermometer

#### Technical Specification:

- Digital thermometer with Fahrenheit scale.
- Safe to use, automatic, no glass, no mercury.
- Measurement accuracy:  $\pm 0.2^{\circ}\text{F}$  between  $98.0^{\circ}\text{F}$  to  $102.0^{\circ}\text{F}$   
 $\pm 0.3^{\circ}\text{F}$  between  $96.4^{\circ}\text{F}$  to  $98.0^{\circ}\text{F}$   
 $\pm 0.3^{\circ}\text{F}$  between  $102.0^{\circ}\text{F}$  to  $106.0^{\circ}\text{F}$

(Type testing certificate from lab relating to measurement accuracy need to furnished in technical bid)

- Should have auto shut off facility
- Display should be LCD type
- Beeper alarm of approx. 10 seconds sound signal when peak temperature reached.
- Average measurement time: Oral: 30 sec, Rectal: 30sec, Auxiliary: 60 sec.
- Battery operated
- Should have more than 200hrs of battery life.
- Warranty: 1 year

### Technical specifications for Equipment/ Instruments for HWCs.

#### 1. Furniture and Fixtures

##### Quality Standard:

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

Items	Specifications
Chairs for patient	The chair should be heavy duty construction of three seater capacity.

Items	Specifications
waiting area	<p>The frame structure shall be constructed with durable steel able to resist to rust. All joints shall be welded and all exposed surfaces shall be straight and true to line and curve. The entire structure shall be coated with a layer of anti-corrosion paint followed by another 2 finishing coats either powder coating or nylon polyester coating to withstand periodic cleaning and typical abuse.</p> <p>Color: Black and Silver  Size: (L)1700mm*W550mm*480mm Approximate 10mm+/-  Material: Metal</p>
Bed sight Screen (Screen Separators with stand)	<ul style="list-style-type: none"> <li>• 3 folding partitions - 6 feet high and 6 feet long when opened</li> <li>• Tubular frame (CRCA tubular) mounted on 5cms high quality corrosion free castors with fine quality curtains.</li> <li>• Pre-Treated and Epoxy Powder coated.</li> </ul>
Steel Almirah / Cupboard/storage chests	<ul style="list-style-type: none"> <li>• Product Size: 900 mm (W) x 480mm (D) x 1900 mm (H) Height (Approximate 20mm+/-)</li> <li>• Construction &amp; Material: Minimum 0.8 mm thick CRCA for Shelf &amp; 0.9 mm thick CRCA for all other components.</li> <li>• Locking: 2 way locking mechanism with shooting bolt provided chrome plated with Handle</li> <li>• Shelving: Minimum 4 nos with uniformly distributed load capacity per full shelf is 40-50 Kg maximum Finished with Epoxy Polyester Powder coated.</li> </ul>
Examination Table	<p><b>Technical Specification</b></p> <ul style="list-style-type: none"> <li>• Overall approx size: 1820 mm L x 570mm W x 820mm H (L x W x H) ±20mm</li> <li>• Two section with two fold Cushion top of 3"mm thickness made of 40 density PU foam</li> <li>• Tubular construction, machine pressed double bend mild steel sheet</li> <li>• Headrest adjusted on ratchet</li> <li>• Legs fixed with rubber feet.</li> <li>• Pre-treated and epoxy powder coated</li> <li>• Patient load bearing capacity of 120 kgs minimum.</li> </ul> <p><b>Foot Step</b></p> <p>The step stools shall have a maximum load capacity of 150 kg.</p> <p>Stainless steel frame shall be made of square /round steel tubing 20 x 20 mm.</p> <p>Should be double-step type with step heights of are 200 and 400 mm (+/-10mm) respectively.</p> <p>It should be provided with slip-resistant steps are made of black moulded polyurethane (PU) coated foam plates of minimum 15mm</p>

Items	Specifications
	thickness. Overall dimension: 590x410x200/400 mm.
I/V Stand	Overall approx. size: height - 150cm-230 cm (with telescopic adjustable height) Main Frame: Strong & Sturdy stainless steel tubular construction mounted on four pronged tubular/rectangular base fitted with five swivel rust proof castors of 50mm diameter. Stainless steel rod with double hooks All the Stainless Steel should be of 304 grade Should be pre-treated and epoxy coated finish.
<b>Clinical Material, tools and equipment</b>	
Basin 825 ml. Ss (Stainless Steel)	Basin of 825 ml. Ss (Stainless Steel)
Basin deep (capacity 6 litre)	SS Basin square/rectangular shaped of capacity 6liter.
Tray instrument/Dressing with cover 310 x 195x63mm SS.	Instrument Tray with Cover Made of 304 grade Stainless Steel Size: 310 x 195x63mm Manufacturer should be ISO13485 approved Product should be BIS/CE approved
Dressing Drum with cover 0.945 litres stainless steel	<ul style="list-style-type: none"> <li>• Should be made of joint-less stainless steel of 304 grade steel of 0.5mm thickness.</li> <li>• Should have perforated body.</li> <li>• Should have chain locking with clamp to open or close the perforated body.</li> <li>• Size : 0.945 litres</li> <li>• Manufacturer should be ISO13485 approved</li> <li>• Product should be BIS/CE approved</li> </ul>
Hemoglobinometer (strip/micro-cuvette)	It should be a point of care instrument to measure hemoglobin. The unit should have LCD screen for instant display of test result. <ul style="list-style-type: none"> <li>• It should be Factory calibrated as per ICSH (International Council for Standardization in Hematology). Needs no further calibration</li> </ul>

Items	Specifications
	<ul style="list-style-type: none"> <li>• Self-checking facility should be there between every measurement</li> <li>• Shelf life of the test strip/cuvette should be minimum 90 days from the opening of the packet / box and at least one year from the date of manufacturing.</li> <li>• Measurement Range: 4gm./dL to 20gm./dL.</li> <li>• Accuracy should be <math>\geq 96\%</math> CV <math>&lt; 5\%</math></li> <li>• Sample volume; approximately 10 to 15 <math>\mu</math>l. whole blood; capillary or venous blood</li> <li>• Minimum stored result memory :250 results</li> <li>• USB interface facility should be there for transfer of stored results.</li> </ul> <p><b>Soft keys for user operation.</b> It should communicate through mini-USB connector with a Computer/ laptop. Battery operated; The battery should support at least 500 tests. Each device should supplied with: 1. Cover (Wash Proof) 2. USB Cable for data transfer 3. Other items required for functioning of the machine. The cost of Device, Strips (50 Nos.) &amp; lancets (55 Nos.) should be quoted separately in price BOQ excel format. Operating condition: Capable of operating continuously in ambient temperature of 0 to 50 deg C and relative humidity of 15 to 90% in ideal circumstances.</p> <p><b>Safety &amp; Quality Standard:</b> European CE or USFDA Certified. It should be Factory calibrated as per ICSH (International Council for Standardization in Hematology). The manufacturer should be ISO 13485 certified.</p>
Weighing Scale, Adult 125 kg/280 lb	<p>Sturdy <b>dial type mechanical</b> platform weighing machine for adult and children. Zero adjustment facility should be there. Sensitivity: 500 gm Range of weighing: 0-125kg The manufacturer shall have the valid manufacturing license and should have model approval by the legal metrological Deptt. and the weighing scale must be stamped by the by legal metrological Deptt. In case of distributor, the bidder should have valid distributor and repair license from legal metrological Deptt. Govt. of Odisha. <b>ISO. Certified manufacturer</b> (certificate to be submitted). Warranty: 1 Year</p>
Instrument Sterilizer	<p>Electrically operated. Size ideally: 24x8x6 inch Should have replaceable immersion type heater ISI marked.</p>

Items	Specifications
	<p>Body should be made of SS-304 grade steel. (Test report certificate from independent laboratory should be submitted with technical bid.)</p> <p>Power Supply Power input to be 220-240VAC, 50Hz fitted with Indian plug Manufacturer should be ISO13485 approved Product should be BIS/CE approved</p>
Sphygmomanometer Aneroid 300 mm with cuff	<p><b>Technical Specification of BP Apparatus(Aneroid)</b></p> <ul style="list-style-type: none"> <li>• Corrosion resistant shock proof body, chrome plated metal/ stainless steel pressure control valve, scale 0-300 mm hg with accuracy of +/- 3mmHg</li> <li>• Air release at closed lap with maximum 4mmHg/Minute.</li> <li>• Manual setting of deflation possible upto 2/3mm Hg/sec. From 260mmHg to 15mm Hg in a maximum deflation time of 10 seconds.</li> <li>• Gauge's background in white colour.</li> <li>• Graduated scale for ever/ 2mmhg, every 10 units and every 20units.</li> <li>• Nylon straps cuff with pouch, latex bulb with completely chromium plated valve with regulation of vent-hole air by screw valve.</li> <li>• The cuff is inflated just to fit in the limb for which an inflation bulb is used to control the air pressure within the cuff.</li> <li>• The rubber tubes used should have an internal diameter of 3 ± 0.5mm and the external diameter should not be less than 8mm; The dial manometer with diameter of 50 mm-60mm</li> </ul> <p><b>Accessories (mandatory, standard, optional)</b>-adult arm cuffs of size medium &amp; large and pediatric size, inflation bulb, tubing</p> <p><b>STANDARDS AND SAFETY</b> Manufacturer should be ISO13485, should be USFDA, CE, BIS or UL approved product</p>
Surgical Instruments	<p><b>Quality standard (Applicable to all surgical instruments):</b> Instruments should be made up of stainless steel medical grade AISI 410 &amp; 420. Test reports should be submitted in the technical bid. Part No. and the CE Mark must be engraved/Embossed on the instrument. Sample demonstration Instrument should cover 2 years replacement warrantee. All the instruments should be autoclavable</p>
Kelly's Forceps	Kelly's hemostat Forceps straight 140 mm
Cheate's Forceps with Holder	Cheate's Forceps 10" with SS Holder
Needle Holder	Needle holder -8inch
Scalpel holder with blade	Central Store supply

Items	Specifications
Sponge holder	Sponge holding forceps 8" with double action Jaws
Kidney tray	Kidney tray, 8"
Artery Forceps, straight, 160mm Stainless steel	Artery Forceps, straight, 160mm Stainless steel
Stitch cutter	Stitch cutting size with round handle double action jaw of 6 inch.
Allis forceps	Tissue Forceps finger ring, ratcheted forceps straight with 5x6 teeth and an overall length of 7-1/2 inches.
Dressing Forceps (spring type), 160 mm, stainless steel	Dressing Forceps (spring type), 160 mm, stainless steel
Stethoscope	<p>Stethoscope of standard size, chromium plated metal binaural, V rubber tube in one piece. Rotating piper fitting for both flip functions. Doublehead paediatric &amp; Adult stethoscope.</p> <ul style="list-style-type: none"> <li>• Extra-soft, replaceable and pivot able ear-tips for perfect sealing at the ear canal.</li> <li>• Designed with Precision chest-piece made of stainless steel/ chromed brass.</li> <li>• Good quality diaphragm of minimum -Ø-45mm</li> <li>• High quality membrane for precise acoustics with non-chill rims for improved adaptation on the skin and for excellent sound transmission.</li> <li>• Length should be 27" to 29 with preferable colour -black.</li> <li>• The Y-tube should be made of Latex-free treated rubber.</li> </ul> <p>Easy to dismantle, and therefore to clean and disinfect.  Manufacturer should be ISO13485 approved  Product should be BIS/CE approved</p>
Hub Cutter and Needle Destroyer	<ul style="list-style-type: none"> <li>• Should be lightweight, portable &amp; compact.</li> <li>• Housing should be moulded type, shock proof and made of ABS plastic/Stainless steel of 304 Grade.</li> <li>• Should be provided with removable discharge tray for easy disposal of syringe hubs.</li> <li>• Should have provision to burn the needle and cut the syringe tip.</li> <li>• Should have high Carbon Steel cutter to cut the syringe tips.</li> <li>• Should able to cut and destroy the needle up to 18G.</li> <li>• Should able to destroy minimum of 5 injection needles on continuous operation.</li> <li>• Should have heavy duty transformer.</li> <li>• Should have power ON/OFF switch with visual indication.</li> <li>• Should be properly insulated for protection from electric hazards.</li> </ul>

Items	Specifications
	<ul style="list-style-type: none"> <li>Should have fuse protection with 5no.of fuse to be supplied of adequate rating.</li> </ul> <p><b>Power Supply:</b> Power supply should be 220-240 V AC, 50Hz with Indian plug. Manufacturer should be ISO13485 approved Product should be BIS/CE approved</p>
Artery Curved	<p>Forceps- Artery Forceps 5"Curved double action jaw ratcheted with ring handle double action jaws.</p>
Gauze Scissors	<p>Cutting Angled with the lower blade being slightly longer &amp; tip of the lower blade features a flattened blunt nodule to slide between bandages and skin without harming the skin. Size:5"</p>
Digital Thermometer	<p>Range of temperature measurement 320C- 420 (89.60F-109.40F). Can be calibrated in both centigrade and Fahrenheit, but if only one option is available, then Fahrenheit is preferable. Buzzer signal function. Takes 10-15 seconds to measure temperature. Can be used in the armpit/axilla, orally and rectally. Accuracy of temperature <math>\pm 0.1\text{degC}</math> and <math>\pm 0.2\text{ F}</math>. User's interface :LCD display Manufacturer should be ISO13485 approved Product should be BIS/CE approved</p>
Examination Lamp	<ul style="list-style-type: none"> <li>Source of Light: LED light</li> <li>Illumination(Ix) should be LED</li> <li>Minimum 25,000 Lux at a working distance of .5m</li> <li>Radial and axial movement of the lamp</li> <li>Colour temperature: minimum 4000K</li> <li>Minimum Diameter of the spot 5cm</li> <li>Flexible Light pipe for easy positioning of minimum length of 1meter.</li> <li>Lamp Life of minimum 30000 hrs</li> <li>CRI&gt;90</li> <li>Power Requirements-Recharging unit: Input voltage- 220V-240V AC, 50Hz</li> </ul> <p>Should be USFDA/CE approved model. Manufacturer should be ISO 13485 certified. Electrical safety conforms to the standards for electrical safety IEC 60601-1General requirements (or equivalent BIS Standard)</p>
Oxygen Cylinder with trolley	Central Store Supply

Items	Specifications
Stadiometer	<ul style="list-style-type: none"> <li>• The measuring rod can be dismantled into several pieces and can be set easily.</li> <li>• The scale must be printed along the side of the measuring rod.</li> <li>• Measuring range (Both in cm &amp; inch): 20-205 cm and 8 - 81".</li> <li>• Graduation of measuring rod: 1mm / 8inch.</li> <li>• The structure should be made of ABS plastic. The product</li> <li>• should be CE certified (certificate to be submitted in technical bid)</li> </ul> <p>Warranty : 1 Year</p>
Nebulizer	<p>Should be of Heavy duty compact Nebulizer  Heavy duty ,Compact, lightweight, low noise(50dB+ 3dB)  Durable long life compressor. Suitable for heavy duty/ institutional (hospital) use, should be able to run uninterruptedly for one hour.  Max Pressure = 2.0-2.5 bars  Operating pressure:1 to 1.5bars  Compressor Air flow:8Lpm  Normal Air Flow:4lpm  Should produce particle of size 1-5 micron.  Mass median Diameter (MMD) =2.5-3m.  Output rate: 500gm/Min.  Made of Heavy duty ABS body  Power Supply: Power input to be 220-240VAC, 50Hz fitted with Indian plug  Should be USFDA/CE approved model.  Manufacturer should be ISO 13485 certified.  Electrical safety conforms to the standards for electrical safety IEC 60601-1General requirements (or equivalent BIS Standard)</p>
<b>Lab -Diagnostic Materials</b>	
Slide drying rack	<p>Acrylic slide rack, inclined, used for draining/drying slides.  5 slots accommodate 25 slides.</p>
Specimen collection bottle(100/pack)	Central Store
Micropipette	<ul style="list-style-type: none"> <li>• Should have ergonomic design with light &amp; smooth plunger action</li> <li>• Should have soft feel handle grip having both left &amp; right hand operation</li> <li>• Pipette handle should have thermoplastic elastomeric to prevent transfer of body heat to pipette volume during continuous usage</li> <li>• Fully autoclavable: Entire pipette can be steam autoclaved at temp. Of 121 0C</li> <li>• Should have larger &amp; clear 3 digit display giving smaller increment for wider selection of volume</li> </ul>

Items	Specifications
	<ul style="list-style-type: none"> <li>• Volume range should be of 1-10ml with increment of 20 <math>\mu</math>l</li> <li>• Accuracy: 1 to 2%</li> <li>• Should have locking mechanism to prevent accidental volume change during pipetting</li> <li>• Should have one hand eject facility</li> <li>• Should have in house clinical, repair and calibration facility</li> <li>• The tip cone should have leak free operation, smooth and light loading operation with choice of using variety of tips.</li> <li>• Should be compatibles to universal tip types</li> <li>• Should be available with different color codes.</li> <li>• Warranty: 3years.</li> </ul> <p><b>Quality Standards:</b></p> <ul style="list-style-type: none"> <li>• Should be USFDA/CE (IVD) approved product</li> <li>• Manufacturers should have ISO 13485 certification for quality standards</li> <li>• Should be applied with individual QC &amp; calibration report according to ISO 8655</li> </ul>
Yellow Tips for Micropipette	<p>Pipette tips should be designed to fit and function on a wide variety of single or multichannel pipettes. It should be manufactured from the finest grade polypropylene material for proper fit and straightness. Packaging: Sterile wrapped racks.</p> <p><b>Quality Standards:</b> The item should be CE certified Manufacturer should be ISO 13485 Certified</p>
Microscope	<p><b>GMDN name :</b> Binocular Microscope</p> <p><b>A. General Use</b></p> <ul style="list-style-type: none"> <li>• <b>Clinical purpose:</b> Binoocular microscope is simply a microscope that lets the viewer use both eyes. The microscope has 2 eye lenses. The development of the double eye piece microscope was adapted to reduce the eyestrain and muscular strain that typically results from traditional microscopes.</li> <li>• <b>Used by clinical department/ward:</b> Clinical labs</li> </ul> <p><b>B. Technical Characteristics</b></p> <ul style="list-style-type: none"> <li>• <b>Technical characteristics (specific to this type of device)</b> <ul style="list-style-type: none"> <li>• Body-Single mould sturdy stand, inclined Binocular body 30 °, 360° rotatable head</li> <li>• Eyepieces-Highest quality 10X/20mm wide angle anti fungus field eyepiece. One with pointer. Diopter adjustment must be present on both eye pieces.</li> <li>• Objectives-Parfocal, antifungus coated 4x, 10x, 40x and 100x</li> </ul> </li> </ul>

Items	Specifications
	<p>(oil immersion) with semi planer achromatic correction. Objective should be well centred even if their position on turret is changed.</p> <ul style="list-style-type: none"> <li>▪ Optical system-Infinity corrected</li> <li>▪ Stage - Double plate rackless horizontal mechanical stage preferably 100 x 140 mm with fine vernier graduations designed with convenient coaxial adjustment for slide manipulation preferably through 30 x 70 mm double slide holder</li> <li>▪ Sub stage-Abbe condenser focusable, continuously variable iris diaphragm</li> <li>▪ Illuminator-Built-in LED light source with white light with intensity control and LED life of more than 10,000 Hrs.Colour Temperature minimum: 4000K.</li> <li>▪ Finish-A durable textured acid resistant finish.</li> <li>▪ Battrey backup: minimum 1 Hour</li> <li>▪ Nose piece: Backward tilted revolving nose piece suitable to acomodate four objectives with click stop and rubber grip.</li> <li>▪ Focussing: Coaxial coarse and fine focussing knob, capable of smooth, fine focussing movement sensitivity; minimum: 300 micron; focussing stop for slide safety</li> <li>▪ 12-Objectives: All DIN type</li> </ul> <p>Plan Achromatic (Anti Fungus)</p> <ul style="list-style-type: none"> <li>▪ 04xN.A .01 WD 6.50mm</li> <li>▪ 10x N.A 0.25 WD 5.6mm</li> <li>▪ 40x N.A 0.65 WD .6mm</li> <li>▪ 100x (Oil).N.A 1.25 WD .13mm</li> </ul> <ul style="list-style-type: none"> <li>• User's interface : Manual</li> <li>• Software and/or standard of communication (where ever required) : NA</li> </ul> <p>C. Physical Characteristics</p> <ul style="list-style-type: none"> <li>• Dimensions (metric) : NA</li> <li>• Weight (lbs, kg) : NA</li> <li>• Capacity:NA</li> <li>• Noise (in dBA) : NA</li> <li>• Heat dissipation: NA</li> <li>• Mobility, portability: Portable</li> </ul> <p>D. ENERGY SOURCE :( Electricity)</p> <ul style="list-style-type: none"> <li>• Power Requirements: Input voltage- single</li> <li>• Battery operated: Yes with 1hour backup</li> <li>• Tolerance (to variations, shutdowns): NA</li> <li>• Pressure gauge : NA</li> <li>• Operating pressure: NA</li> <li>• Sterilizing pressure: NA</li> <li>• Protection: Should have over-charging cut-off with visual symbol.</li> <li>• Power consumption : less than 2 Watt</li> </ul> <p>E. Accessories, Spare Parts, Consumables</p> <ul style="list-style-type: none"> <li>• Accessories (mandatory, standard, optional); Spare parts</li> </ul>

Items	Specifications
	<p>(main ones); Consumables / reagents (open, closed system) : Should provide with wooden storage box, dust cover, immersion oil.</p> <p><b>F. Environmental and Departmental Considerations</b></p> <ul style="list-style-type: none"> <li>• <b>Atmosphere / Ambiance (air conditioning, humidity, dust ...)</b></li> </ul> <p><b>Operating condition:</b> Capable of operating continuously in ambient temperature of 10 to 50 deg C and relative humidity of 15 to 90% in ideal circumstances.</p> <p><b>Storage condition:</b> Capable of being stored continuously in ambient temperature of 0 to 50 deg C and relative humidity of 15 to 90%."</p> <ul style="list-style-type: none"> <li>• <b>User's care, Cleaning, Disinfection &amp; Sterility issues:</b> <ul style="list-style-type: none"> <li>▪ <b>Disinfection:</b> Parts of the Device that are designed to come into contact with the patient or the operator should either be capable of easy disinfection or be protected by a single use/disposable cover.</li> <li>▪ Sterilization not required."</li> </ul> </li> </ul> <p><b>G. Standards and Safety</b></p> <ul style="list-style-type: none"> <li>• <b>Certificates (pre-market, sanitary, ..):</b> Performance and safety standards (specific to the device type);Local and/or international</li> <li>▪ Should be US FDA/CE (from a Notified body)/BIS approved product.</li> <li>▪ Manufacturer should have ISO 13485 certification for quality standards.</li> <li>▪ Electrical safety conforms to the standards for electrical safety IEC 60601-General requirements (or equivalent BIS Standard)</li> <li>▪ Certified to be compliant with IEC 61010-1, IEC 61010-2-40 for safety.</li> </ul> <p><b>H. Training and Installation</b></p> <ul style="list-style-type: none"> <li>• <b>Pre-installation requirements: nature, values, quality, tolerance</b> <ul style="list-style-type: none"> <li>▪ Availability of 5 amp socket;</li> <li>▪ Safety and operation check before handover;</li> </ul> </li> <li>• <b>Requirements for sign-off :</b> Certificate of calibration and inspection from the manufacturer</li> <li>• <b>Training of staff (medical, paramedical, technicians)</b> <ul style="list-style-type: none"> <li>▪ Training of users on operation and basic maintenance;</li> <li>▪ Advanced maintenance tasks required shall be documented</li> </ul> </li> </ul> <p><b>I. Warranty and Maintenance</b></p> <ul style="list-style-type: none"> <li>• <b>Warranty:</b> 3 years</li> <li>• <b>Maintenance tasks:</b> CMC 5 years, 2 PM Visits Annually.</li> </ul> <p>All Breakdown calls to be attended within 24 hrs of registration."</p> <ul style="list-style-type: none"> <li>• <b>Service contract clauses, including prices :</b> The spare price list of all spares and accessories (including minor) required for maintenance and repairs in future after guarantee / warranty period should be attached;</li> </ul> <p><b>J. Documentation</b></p> <ul style="list-style-type: none"> <li>• <b>Operating manuals, service manuals, other manuals</b> "Should provide 2 sets(hardcopy and soft-copy) of:- <ul style="list-style-type: none"> <li>▪ User, technical and maintenance manuals to be supplied in</li> </ul> </li> </ul>

Items	Specifications
	<p>English/Hindi language along with machine diagrams;</p> <ul style="list-style-type: none"> <li>• List of equipment and procedures required for local calibration and routine maintenance;</li> <li>• Service and operation manuals (original and copy) to be provided;</li> <li>• Advanced maintenance tasks documentation;</li> <li>• Certificate of calibration and inspection"</li> </ul> <p>• <b>Other accompanying documents:</b> List of important spares and accessories, with their part numbers and cost;</p> <p><b>K. Notes</b></p> <ul style="list-style-type: none"> <li>• Service Support Contact details (Hierarchy Wise; including a toll free/landline number) "Contact details of manufacturer, supplier and local service agent to be provided;</li> </ul> <p>Any Contract (AMC/CMC/add-hoc) to be declared by the manufacturer:"</p> <ul style="list-style-type: none"> <li>• Recommendations or warnings Any warning signs would be adequately displayed</li> </ul>
Neuber Chamber	<p>The counting grid is of 3mmx 3mm in size.</p> <ul style="list-style-type: none"> <li>• The grid should have 9 square subdivisions of width 1mm.</li> <li>• The central square should be split into 25 squares of width 0.2mm (200µm)</li> <li>• The haemocytometer should have two cover slips</li> <li>• The glass cover should be of squared shaped of width 22mm</li> <li>• Material: Thermal and shock resistant glass</li> <li>• The chamber should have two special clamps to avoid the cover glass to avoid edge-lift.</li> </ul> <p>Pipette</p> <p>The pipette should be made of glass of maximum capacity of 20,200 and 2000µl.</p> <p>Dimensions (metric): length-300mm +/-10mm, 2mm thickness.</p> <p>Autoclaving at 121 degree centigrade</p> <p>Should be resistance to mechanical, chemical and over heating.</p> <p><b>STANDARDS AND SAFETY:</b></p> <ol style="list-style-type: none"> <li>1. Should be ISO 648/IS 117 approved product.</li> <li>2. Manufacturer and Supplier should have ISO13485/ ISO 9001 certification for quality standards.</li> <li>3. Certificate of calibration from the manufacturer</li> <li>4. The product should be USFDA/ CE marked</li> </ol>
ESR Stand with tube	<p><b>. ESR Stand with Tubes</b></p> <ul style="list-style-type: none"> <li>➤ Screw type stand with cast iron base and highly nickel plated</li> <li>➤ The base shall have minimum 5tube holder</li> <li>➤ 2nos spare tubes should be provided with the ESR stand.</li> <li>➤ The witrobes tube should be made of <b>Soda-lime Glass/borocilicate glass material.</b></li> <li>➤ <b>Dimension:</b> <ul style="list-style-type: none"> <li>• 110 to 120mm mm Length</li> <li>• 2.9mm to 3 mm inside Diameter</li> <li>• 7.0mm to 8.0mm outer diameter.</li> </ul> </li> </ul>

Items	Specifications
	<ul style="list-style-type: none"> <li>➤ The uniformity of the bore shall be <math>\pm 0.1</math> mm throughout the tube.</li> <li>➤ The tube shall be graduated from 0 to 105mm <math>\pm 0.25</math> mm in 1-mm divisions and numbered every 1 cm from the inside bottom of the tube.</li> <li>➤ The tube shall be legibly marked with the manufacturer's or vendor's name or mark and possess a frosted area for marking purposes.</li> <li>➤ Open at both ends; cotton plugged</li> <li>➤ Calibration in yellow/white for easy reading.</li> <li>➤ It should have good chemical resistance towards acids, salt solutions and organic solutions.</li> <li>➤ Can be easily cleaned with distle water.</li> <li>➤ It should be autoclavable.</li> </ul> <p><b>Quality Standards:</b></p> <ul style="list-style-type: none"> <li>➤ The item should be CE certified with marking</li> <li>➤ Manufacturer should be ISO 13485 Certified</li> </ul>
TC-DC apparatus	<p><b>TC-DC Count apparatus:</b>  All metal case housing, durable, Chemical resistant easy to clean and disinfect.  Stable and wide base with rubbuer feet  Should be 8-Key model with dual reset mount  Should have totalizer window  Should have WBC maturation series picto-stip chart just above the key window</p>
Stopwatch	Stopwatch for Laboratory use
Sickling test kit	Kit consists of R1-2x20ml(Solubility buffer) R2-2 vials (Solubility reagent-Sodium Dithionite) Empty reaction tube-20nos Result reading stand-1 Reagent dropper-2 Sample dropper-20 Rubber teat-2 Pack insert-1
Water quality test- H2S Strip test	<ul style="list-style-type: none"> <li>• Sensitivity: 5, 10, 20, 30, 40, 50, 60 and 80 ppm (mg/L)</li> <li>• Test time: 30 seconds</li> <li>• Bottle of 50 test strips</li> </ul>
Colorimeter	<p><b>Digital colorimeter for clinical biochemical test.</b>  <b>Digital Colorimeter with auto zero facility displaying test result.</b>  <b>Easy operation with auto storage facility of concentration.</b>  Wavelength: 410, 470, 490, 520, 540, 580, 610 &amp; 640 nm  Photometric range :%of Transmission 0 to 100  Absorbance -0.0 to 1.5 Abs  Repeatability <math>\pm 0.01</math> Abs</p>

Items	Specifications
	Sample volume: 1ml Light source: Halogen/LED Sample Holder : 75 x 12 mm ± 0.5 mm Test tube with 10 mm Path Length With shutter. The manufacturer should be ISO13485 approved Product should be CE certified Product should be safety compliance to IEC 61010
Centrifuge machine	<b>Centrifuge Table Top- 4tube</b> GMDN name : <b>Centrifuge</b> 1 USE 1.1 Clinical purpose: Used in Biochemical and Analytical labs for Hematocrit, blood Corpusule percentage, Serum Analysis, Precipitate Separation and Blood Group matching. 1.2 Used by clinical department/ward: Analytical Laboratories <b>TECHNICAL</b> 2 <b>TECHNICAL CHARACTERISTICS</b> 2.1 Technical characteristics (specific to this type of device) " <ul style="list-style-type: none"> <li>• Speed: Maximum Range 3000 to 3500RPM</li> <li>• Receptating Centrifugal force (RCF): 1500 to 1600</li> <li>• Minimum Capacity: 60ml</li> <li>• Digital Timer range: 0 to 30 minutes with Hold Function</li> <li>• Auto Lid interlock to prevent opening while running centrifuge with emergency lidlock release.</li> <li>• The lid will be only opened once the motor is completely stop.</li> <li>• Digital display of RPM</li> <li>• Stainless steel Chamber easy to clean</li> <li>• Hinges to prevent door falling</li> <li>• Rotor Head Sizes: 4x 15ml. Rotor Head: Angle rotor</li> <li>• Rotors should be autoclavable</li> <li>• The unit should be vibration free."</li> <li>• Noise level &lt;60dB.</li> </ul> 2.2 User's interface Manual 2.3 Software and/or standard of communication (where ever required) NA 3 <b>PHYSICAL CHARACTERISTICS</b> 3.1 Dimensions (metric) NA 3.2 Weight (lbs, kg) NA 3.3 Capacity 120 ml or above 3.4 Noise (in dBA) NA

Items	Specifications
	3.5 Heat dissipation Heat Dissipation: Should maintain nominal Temp and the heat should be disbursed through an cooling mechanism
	3.6 Mobility, portability Portable
	4 ENERGY SOURCE (electricity, UPS, solar, gas, water, CO2 ....)
	4.1 Power Requirements "220-240 V/50Hz
	4.2 Battery operated No
	4.3 Protection NA
	4.4 Power consumption 100 to 200 Watts
	5 ACCESSORIES, SPARE PARTS, CONSUMABLES
	5.1 Accessories (mandatory, standard, optional); Spare parts (main ones); Consumables / reagents (open, closed system) Rubber adapter should be provider for the use of vacutainer for 3ml and 5ml
	6 ENVIRONMENTAL AND DEPARTMENTAL CONSIDERATONS
	6.1 Atmosphere / Ambiance (air conditioning, humidity, dust ...)
	1)Operating condition: Capable of operating continuously in ambient temperature of 10 to 50 deg C and relative humidity of 15 to 90% in ideal circumstances. 2)Storage condition: Capable of being stored continuously in ambient temperature of 0 to 50 deg C and relative humidity of 15 to 90%."
	6.2 User's care, Cleaning, Disinfection & Sterility issues
	"1)Disinfection: Parts of the Device that are designed to come into contact with the patient or the operator should either be capable of easy disinfection or be protected by a single use/disposable cover. 2) Sterilization not required."
	7 STANDARDS AND SAFETY
	7.1 Certificates (pre-market, sanitary, ..); Performance and safety standards (specific to the device type);Local and/or international "
	1. Should be FDA/CE(From a notified body) as per IVD /BIS approved product.
	2. Manufacturer and Supplier should have ISO 13485 certification for quality standards.
	3. Certified to be compliant with IEC 61010-1,IEC 61010-2-20 for safety. "General requirements"
	IEC 61010-2-020 "Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-020: Particular requirements for laboratory centrifuges" "
	8 TRAINING AND INSTALLATION
	8.1 Pre-installation requirements: nature, values, quality, tolerance "
	1) Availability of 5 amp socket;
	2) Safety and operation check before handover;
	8.2 Requirements for sign-off Certificate of calibration and inspection from the manufacturer
	8.3 Training of staff (medical, paramedical, technicians)
	1) Training of users on operation and basic maintenance;
	2) Advanced maintenance tasks required shall be documented

Items	Specifications
	<p>9 WARRANTY AND MAINTENANCE</p> <p>9.1 Warranty 3 years</p> <p>9.2 Maintenance tasks "CMC 5 years 2 PM Visits Annually. All Breakdown calls to be attended within 24 hrs of registration."</p> <p>9.3 Service contract clauses, including prices The spare price list of all spares and accessories (including minor) required for maintenance and repairs in future after guarantee / warranty period should be attached;</p> <p>10 DOCUMENTATION</p> <p>10.1 Operating manuals, service manuals, other manuals "Should provide 2 sets (hardcopy and soft-copy) of:-</p> <ol style="list-style-type: none"> <li>1) User, technical and maintenance manuals to be supplied in English/Hindi language along with machine diagrams;</li> <li>2) List of equipment and procedures required for local calibration and routine maintenance;</li> <li>3) Service and operation manuals (original and copy) to be provided;</li> <li>4) Advanced maintenance tasks documentation;</li> <li>5) Certificate of calibration and inspection"</li> </ol> <p>10.2 Other accompanying documents List of important spares and accessories, with their part numbers and cost;</p> <p>11 NOTES</p> <p>11.1 Service Support Contact details (Hierarchy Wise; including a toll free/landline number) "Contact details of manufacturer, supplier and local service agent to be provided; Any Contract (AMC/CMC/add-hoc) to be declared by the manufacturer;"</p> <p>11.2 Recommendations or warnings any warning signs would be adequately displayed</p>
<b>Items required for providing RMNCHA services</b>	
<p>Weighing Scale, Infant (10 Kg)</p>	<ul style="list-style-type: none"> <li>• Table top, light and portable,</li> <li>• Built in rechargeable battery,</li> <li>• Easy to clean baby tray (acrylic),</li> <li>• Zero weight adjustment facility,</li> <li>• Quick, clear digital read outs with LCD display</li> <li>• Measurement does not change with position of baby on the pan;</li> <li>• Provision to measure the height of the baby in its laying position,</li> <li>• Accuracy: 10g, resolution: 1g, limit: 10gm – 10kg</li> <li>• Settings-Auto setting to 0.00 once a the machine is switched on or when no external weight has been put on</li> </ul> <p><b>Dimension :Base: 300mm x 265mm x 85mm, Pan: 510mm x</b></p>

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

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

Items	Specifications
	<ul style="list-style-type: none"> <li>• 10. It should be upto 40 times autoclavable including bag and washers.</li> <li>• The bag should be made of soft silicone material.</li> <li>• Self-Inflating Resuscitator bag should be of medical grade silicone rubber.</li> <li>• The reservoir should be a PVC bag of 600ml capacity 500ml bag capacity and 1000ml for 750ml bag capacity.</li> </ul> <p><b>1 Accessories (mandatory):-</b>            Silicon bellows, Non Rebreathing Valve, 2 meter oxygen tube, Guedel Airway sizes viz 0 and 1, Neonatal Mask of 3 sizes viz 00, 0 and 1</p> <p><b>STANDARDS AND SAFETY</b>            ISO 13485; Manufacturer / supplier should have ISO certificate for quality standard.            Should be USFDA / CE (From notified body) approved product or BIS certified            should meet ISO 10651-4 standard requirement</p>
<b>Lab Materials</b>	
Rapid Pregnancy Testing Kit	<p><b>Urine Pregnancy Test:</b>  <b>Intended of Use:</b> One step hCG Serum/Urine Combo Rapi-Card rapid test for the qualitative detection of human chorionic gonadotropin (hCG) in serum and urine.</p> <ul style="list-style-type: none"> <li>• Serum/Urine Combo Pregnancy Test Cassette is a rapid test that qualitatively detects the presence of hCG in serum and urine specimens at the sensitivity of 20mIU/mL. The test utilizes a combination of monoclonal and polyclonal antibodies to selectively detect elevated levels of hCG</li> <li>• Result should be produced with 1minute.</li> <li>• Accuracy:99%</li> <li>• Sensitivity:20mIU/mL</li> <li>• The test strips should have inbuilt quality control to achieve the above accuracy.</li> </ul> <p><b>Kit Configuration</b></p> <ul style="list-style-type: none"> <li>• Urine Pregnancy Test Rapid Card</li> <li>• Disposable pipette</li> <li>• Instructions for use</li> <li>• Storage condition 2-30 degree</li> </ul>

Items	Specifications
	<p><b>Quality Standards:</b></p> <ul style="list-style-type: none"> <li>• The manufacturer should be ISO 13485 certified.</li> <li>• The strips should be USFDA/CE (IVD) approved.</li> <li>• The strips should be DCGI approved.</li> </ul>
<p>Dipsticks for urine test for protein and sugar</p>	<p><b>URINE Complete rapid test reagent strips :</b></p> <ul style="list-style-type: none"> <li>• Urine Reagent Strips are for in vitro diagnostic use only.</li> <li>• Indications for urine test strips: <ul style="list-style-type: none"> <li>▪ Screening for prevention</li> <li>▪ Treatment monitoring</li> <li>▪ Patient self-testing</li> </ul> </li> <li>• Urine Reagent Strips provide tests for the following parameters: <ul style="list-style-type: none"> <li>▪ Glucose</li> <li>▪ Bilirubin</li> <li>▪ Ketone (Acetoacetic acid)</li> <li>▪ Specific Gravity</li> <li>▪ Blood</li> <li>▪ pH</li> <li>▪ Protein</li> <li>▪ Urobilinogen</li> <li>▪ Nitrite</li> <li>▪ Leukocytes</li> <li>▪ Ascorbic Acid in Urine.</li> </ul> </li> <li>• The Urine Reagent Strips should be packaged along with a drying agent in a plastic bottle with a cap to provide complete air tight.</li> <li>• Each strip should be stable and ready to use upon removal from the bottle.</li> <li>• The entire reagent strip should be disposable.</li> <li>• Results are obtained by direct comparison of the test strip with the</li> </ul>

Items	Specifications
	<p>color blocks printed on the bottle label.</p> <ul style="list-style-type: none"> <li>• All the reagent strips should be withstand at a room temperature between 15°-30°C (59°-86°F) and out of direct sunlight.</li> <li>• The minimum self-life of the urine strips should be 1year unopened and minimum 3months once it is opened.</li> <li>• The required controlled shall be provided along with the strip packet.</li> <li>• The strip pack sizes should be of 25/50/100 sizes.</li> <li>• Urinalysis test strips types <ul style="list-style-type: none"> <li>▪ Ketones- Single test</li> <li>▪ Glucose, Protein &amp; pH- Three parameter</li> <li>▪ Glucose, Protein pH, Leukocytes, Nitrites, Ketones, Bilirubin, Blood, Urobilinogen, and Specific Gravity-10 parameter</li> <li>▪ Leukocytes and Nitrite-Special parameter</li> </ul> </li> </ul> <p><b>Quality Standards:</b></p> <ul style="list-style-type: none"> <li>• The manufacturer should be ISO 13485 certified.</li> <li>• The strips should be USFDA/CE (IVD) approved.</li> <li>• The strips should be DCGI approved.</li> </ul>
<b>Items required for providing Speciality services</b>	
<b>Oral Health</b>	
Interdental cleaning aids	<b>Wooden/plastic Triangular Sticks Interproximal Brushes</b>
Dental Probe	Single-Ended with round handle.Made of SS.Handle of size 12mm, and Graduated probe.CPI TN/UNC15 typemade of stainless still 410 /420 grade.
Universal tooth extractor	Dental Forceps of standard size foradult use . Straight curvature with Serrated work surface area. Made of Stainless Steel 410 grade. Instrument handle is of Englishparten. The set shall be consists of 12 items of universal dimensions.
<b>ENT</b>	
Torch	LED focusing torch with chrome/steel ribbed body (medium size) with battery
Tongue Depressor	Wooden flat disposable tounge depressor. Box size:100/Box
Mouth Gag	Size-5", Finger ring instrument with grip & locking system.Blades of

Items	Specifications
	1" long & 1/4" wide.
Mouth Mirror	Angular mirror-2 pieces To provide indirect vision To retract lips, cheeks, and tongue To reflect light into the mouth. Accurate image from flat surface mirrors, image magnified with concave mirrors. Size of 14mm -22 mm of Plane size. 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
Tuning fork	Nickel-plated steel, material thickness 8 mm. Frequency: 128 Hz / 512 Hz
Nasal Speculum (St. Claire's)*	Nasal Speculum of length 3" having two 5mm wide x 11mm long blades.
Ear Speculum – metallic, dull finish	Ear Speculum – metallic, dull finish
Jobson-Horne probe	Jobson-Horne probe-Curette loop at one end and threaded section at the other end for holding cotton wool Manufactured from carbon filled nylon material to provide better strength and flexibility.
Otoscope	<p><b>Otoscope</b></p> <ul style="list-style-type: none"> <li>• GMDN name: Otoscope <ul style="list-style-type: none"> <li>▪ Clinical purpose: An otoscope or auriscope is a hand-held and battery powered device containing illumination and viewing optics medical device which is used to look into the ears. Health care providers use otoscopes to screen for illness during regular check-ups and also to investigate ear symptoms. An otoscope potentially gives a view of the ear canal and tympanic membrane, or eardrum.</li> <li>▪ Used by clinical department/ ward: ENT</li> </ul> </li> <li>• Technical characteristics (specific to this type of device): <ul style="list-style-type: none"> <li>▪ Battery (3.5v) operated high efficiency Fiber optic LED otoscope with detachable head and handle with high quality optics.</li> <li>▪ The viewing window with 3x magnification.</li> <li>▪ Should have on/off button on the handle for illumination, the handle should be made of Solid metal- chrome slip type shock proof.</li> <li>▪ The light should have minimum colour temperature of 4000k with CRI &gt;90 for Bright and homogeneous illumination with excellent colour rendering.</li> <li>▪ Should have rotating knob to control the intensity of the otoscope.</li> <li>▪ The LED lamp life should be more than 10000 hrs.</li> </ul> </li> <li>• User's interface: Manual</li> <li>• Software and/or standard of communication (where ever required)</li> </ul> <p>NA</p>

Items	Specifications
	<ul style="list-style-type: none"> <li>• <b>PHYSICAL CHARACTERISTICS</b> <ul style="list-style-type: none"> <li>▪ Dimensions (metric): Hand Held Portable</li> <li>▪ Weight (lbs, kg): NA</li> <li>▪ Configuration : NA</li> <li>▪ Noise (in dBA) : NA</li> <li>▪ Heat dissipation: NA</li> <li>▪ Mobility, portability : Handheld device</li> </ul> </li> <li>• <b>ENERGY SOURCE (electricity)</b> <ul style="list-style-type: none"> <li>▪ Power Requirements : NA</li> <li>▪ Battery operated : Yes</li> <li>▪ Tolerance (to variations, shutdowns): NA</li> <li>▪ Protection : NA</li> <li>▪ Power consumption : NA</li> </ul> </li> <li>• <b>ACCESSORIES, SPARE PARTS, CONSUMABLES</b> <ul style="list-style-type: none"> <li>▪ Accessories (mandatory, standard, optional): Spare parts (main ones); Consumables / reagents (open, closed system) <ul style="list-style-type: none"> <li>✓ Battery -2nos</li> <li>✓ Reusable EAR specula of 2mm, 3mm, and 4mm three from each. The specula should be autoclavable.</li> <li>✓ Storage case (rigid and steady)</li> </ul> </li> </ul> </li> <li>• <b>ENVIRONMENTAL AND DEPARTMENTAL CONSIDERATIONS:</b> <ul style="list-style-type: none"> <li>▪ Atmosphere / Ambiance (air conditioning, humidity, dust ...) <ul style="list-style-type: none"> <li>✓ Operating condition: Capable of operating continuously in ambient temperature of 10 to 40 deg C and relative humidity of 15 to 90% in ideal circumstances.</li> <li>✓ Storage condition: Capable of being stored continuously in ambient temperature of 0 to 50 deg C and relative humidity of 15 to 90%.</li> </ul> </li> <li>▪ User's care, Cleaning, Disinfection &amp; Sterility issues Disinfection: Parts of the Device that are designed to come into contact with the patient or the operator should either be capable of easy disinfection or be protected by a single use/disposable cover.</li> </ul> </li> <li>• <b>STANDARDS AND SAFETY</b> <ul style="list-style-type: none"> <li>▪ Certificates (pre-market, sanitary, ..); Performance and safety standards (specific to the device type); Local and/or international</li> </ul> </li> </ul>

Items	Specifications
	<ul style="list-style-type: none"> <li>✓ Product should be USFDA/CE approved</li> <li>✓ Should have IEC 60601-1/IEC 60601-1-2/CE (EU) certificate;</li> <li>✓ Manufacturer / supplier should have ISO 13485 certificate for quality standard;</li> <li>• TRAINING AND INSTALLATION <ul style="list-style-type: none"> <li>▪ Pre-installation requirements: nature, values, quality, tolerance:NA</li> <li>▪ Requirements for sign-off Certificate of calibration and inspection from the manufacturer</li> <li>▪ Training of staff (medical, paramedical, technicians) <ul style="list-style-type: none"> <li>✓ Training of users on operation and basic maintenance;</li> <li>✓ Advanced maintenance tasks required shall be documented</li> </ul> </li> </ul> </li> <li>• WARRANTY AND MAINTENANCE <ul style="list-style-type: none"> <li>▪ Warranty: 3 years including bulb</li> <li>▪ Maintenance tasks <ul style="list-style-type: none"> <li>✓ Maintenance manual detailing;</li> <li>✓ Complete maintenance schedule;</li> </ul> </li> <li>▪ Service contract clauses, including prices: <ul style="list-style-type: none"> <li>✓ The spare price list of all spares and accessories required for maintenance and repairs in future after guarantee / warranty period should be attached.</li> <li>✓ Free servicing (min. 2/year) during warranty period</li> </ul> </li> </ul> </li> <li>• DOCUMENTATION <ul style="list-style-type: none"> <li>▪ Operating manuals, service manuals, other manuals Should provide 2 sets(hardcopy) of:- <ul style="list-style-type: none"> <li>✓ User, technical, maintenance and service manuals to be supplied along with machine diagrams;</li> <li>✓ List of equipment and procedures required for local calibration and routine maintenance;</li> <li>✓ Certificate of calibration and inspection;</li> </ul> </li> <li>▪ Other accompanying documents List of important spares and accessories, with their part numbers and cost;</li> </ul> </li> <li>• NOTES <ul style="list-style-type: none"> <li>▪ 11.1 Service Support Contact details (Hierarchy Wise; including a toll free/landline number):Contact details of manufacturer, supplier and local service agent to be provided;</li> <li>▪ Any Contract (AMC/CMC/add-hoc) to be declared by the</li> </ul> </li> </ul>

Items	Specifications
	manufacturer; <ul style="list-style-type: none"> <li>• Recommendations or warnings: Any warning signs would be adequately displayed</li> </ul>
<b>Communicable Diseases</b>	
Malaria Rapid Test Kit	Central store/NVBDCP
Whole blood finger prick HIV Rapid Test & STI screening test	<p><b>Intended of Use:</b> The assay should be able to detect antibodies of HIV1, HIV2 and all the subtypes by detection of antibodies by the agglutination/ Enzyme</p> <p><b>Should be 3rd generation:</b></p> <ul style="list-style-type: none"> <li>• The assay should have sensitivity of 100% or more and specificity of 100% or more as per data from an identified national reference laboratory.</li> <li>• The assay should have solid phase/ particles coated with synthetic and/ or recombination or both types of antigens of HIV1 &amp; HIV2.</li> <li>• Total procedure time should not be more than 30 minutes.</li> <li>• The manufacturers should ensure that:               <ul style="list-style-type: none"> <li>• The test kit should be packed such that there is a provision to conduct single test at a time;</li> <li>• The assay components should include HIV positive and negative serum controls sufficient for conducting 20% of the tests (10% negative and 10% positive controls); and</li> <li>• The pack size of HIV rapid test kits should be 30 tests per Kit.</li> </ul> </li> <li>• The manufacturer should be ISO 13485 certified.</li> <li>• The strips should be USFDA/CE (IVD) approved.</li> <li>• The strips should be DCGI approved.</li> </ul>
Typhoid rapid test kit	<p><b><u>Widal test KIT</u></b>  <b><u>The test kit should have the following configuration</u></b></p> <ol style="list-style-type: none"> <li>1. 'O' Antigen 5ml</li> <li>2. 'H' Antigen 5ml</li> <li>3. AH' Antigen 5ml</li> <li>4. BH' Antigen 5ml</li> <li>5. Positive control 5ml</li> <li>6. Negative control 5ml</li> <li>7. Test Serum Sample 2 ml</li> <li>8. Glass Slide 1 No.RT</li> <li>9. Disposable Mixing Sticks</li> </ol>

Items	Specifications
	<ul style="list-style-type: none"> <li>➤ Result should be within 3 minutes</li> <li>➤ Homologues antigen antibody reaction with no cross reactivity with other salmonellar groups</li> <li>➤ High specificity:98%</li> <li>➤ Higher sensitivity:98%</li> <li>➤ Self-life 1 year</li> </ul>
Rapid test kit for Hepatitis B & C	<p><b>Intended Of Use:</b> HBsAg/HCV Ab Rapid Test is a lateral flow chromatographic immunoassay for the qualitative detection of Hepatitis B surface antigen (HBsAg) and anti-Hepatitis C virus antibodies (IgG, IgM, IgA) in human serum, plasma and whole blood. It is intended to be used as a screening test and as an aid in the diagnosis of infection with Hepatitis B virus (HBV) and Hepatitis C virus (HCV).</p> <ul style="list-style-type: none"> <li>➤ Should be immunoassay/capture principle</li> <li>➤ Should be lateral flow device</li> <li>➤ Should have in built quality control band or dot</li> <li>➤ Should have short interpretation time not more than 10 minutes</li> <li>➤ Should have specificity and sensitivity of 100 %</li> <li>➤ Must be evaluated and approved by NIB</li> </ul> <p><b>Kit Configuration</b></p> <ol style="list-style-type: none"> <li>1. Diagnostics Rapid Card</li> <li>2. HBsAg colloidal gold rapid test strips, each placed in white plastic cassette and packed in foil pouch.</li> <li>3. Instructions for use.</li> <li>4. 1 vial of sample diluent.</li> </ol> <p><b>Sensitivity 100 %</b> <b>Specificity 100 %</b></p>
NCD	<b><u>GLUCO METER</u></b>
Glucometer with strips and lancet	<p><b>Description of Function:</b></p> <p>A glucose meter (or glucometer) is a medical device for determining the approximate concentration of glucose in the whole blood.</p> <p><b>Product Quality Standards:</b></p> <ul style="list-style-type: none"> <li>• Should be USFDA/CE (Notified) of the quoted model</li> <li>• Manufacturer should be ISO certified for quality standards.</li> </ul> <p><b>Technical Specifications</b></p> <ul style="list-style-type: none"> <li>• Small, portable and user friendly device is required. Blood should not go into the glucometer while measurement.</li> <li>• It should be able to measure whole blood in capillary mode.</li> </ul>

Items	Specifications
	<ul style="list-style-type: none"> <li>• Minimum analytical range: 30 – 600 in mg/dl.</li> <li>• Accuracy should be as per International Standard ISO 15197- Requirements for blood-glucose monitoring systems for self-testing in managing diabetes mellitus.</li> <li>• Reproducibility/Precision: +/- 5%</li> <li>• Display should be 43mm± 5 mm measured diagonally.</li> <li>• It should be battery operated electronic system and the battery life should be for at least 1000 tests.</li> <li>• Shelf life of strips: Minimum 12 months at the time of delivery to consignee.</li> <li>• Packing of strips: not more than 50 strips in a pack. Strips should work min. 3 months after opening of strips pack.</li> <li>• Control solution for checking reliability of strips will be supplied free of cost as &amp; when required.</li> <li>• Ready availability of reagent test strips, battery &amp; other consumables across Odisha for at least 5 years.</li> <li>• Machine should be supplied with lancing device of 2nos.</li> <li>• <b>Machine should have 4 yrs. of replacement warranty.</b></li> </ul> <p><b><u>Equipment Configuration:</u></b></p> <ul style="list-style-type: none"> <li>1-Glucometer-1no</li> <li>2-Lancing Device-2no</li> <li>3-Standard batteries-1Set</li> <li>4-Carrying case-1</li> <li>5-Instruction manual</li> <li>6-Warranty card</li> </ul> <p><b><u>Consumables:</u></b></p> <ul style="list-style-type: none"> <li>1. 115 nos. single use auto-disabled lancets in multi packs.</li> <li>2. Test strips -100 nos. in two packs</li> <li>3. Control strip.</li> </ul>
VIA Kit for screening cervical cancer	<p><b>VIA –Visual Inspection with acetic Acid kit:</b></p> <ul style="list-style-type: none"> <li>• Acetic Acid 0.5%=100ml=2bottles</li> <li>• Cotton swabs-1 pack of 100 swabs</li> <li>• LED focusing torch with chrome/steel ribbed body (medium size) with battery</li> <li>• Glass Slides -1 packet of 100 slides</li> <li>• Cosco speculum Made of SS 410 grade Medium Size</li> <li>• Sterilized disposable gloves-1 packet of 100 gloves</li> <li>• Good Quality bag/pouch for storing the above mentioned items</li> </ul>

Items	Specifications
<b>Ophthalmic services</b>	
Snellen vision chart	Snellen vision chart
Near vision chart	Near vision chart
Color Vision Chart	Color Vision Chart

**FW family planning Bio medical Equipment**

1. NSV KIT
2. IUCD Kit
3. Minilap Kit
4. PPIUCD

**12. The lists of items of Physiotherapy & geriatric Equipment & Instrument.**

1. Examination Table
2. Wheel chair-
3. Partition screens-
4. Traction equipment: shoulder wheel and pulley or combo.
5. Height adjustment walker-
6. Height adjustment walking Stick-
7. BIPAP (Continuous positive air pressure)/ CPAP (Billable positive air pressure) -.
8. Paraffin wax bath-
9. Pulse Oximeter finger-
10. Infrared radiation Therapy unit-
11. Patient Monitor (5 Parameter)-
12. Interferential Therapy unit(IFT)-
13. TENS (Transcutaneous Electrical Nerves stimulator)-
14. Nebulizer (Heavy duty)-
15. Peg board-
16. Hand therapy unit-
17. Quadriceps Table-
18. Weighing machine-
19. Head light
20. Foreign Body Removal Forceps
21. Tooth Model
22. Tooth Extraction Forceps set
23. Binocular Microscope
24. Stadiometer
25. Peak Flow Meter
26. Hydro Collator Unit
27. Dual frequency ultrasound therapy machine
28. Muscle stimulator (Electrical)

## TECHNICAL SPECIFICATION

### **1. Lumbar & Cervical Traction with Bed**

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

#### **1.2 Technical Specification:**

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

#### **1.3. Power Supply:**

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

#### **1.4. Quality Standard:**

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

#### **1.5. TRACTION BED (MANUAL)**

- Traction Bed – 3Fold sliding for horizontal cervical and lumbar traction
- Made of complete MS frame with wooden TOP

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

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

The manufacturer should be ISO certified.

## **2. Interferential Current Therapy Unit (Combo)**

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

### **2.2: Technical Specification:**

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

### **2.3: Power Supply:**

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

### **2.4: Quality Standard:**

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

## **3. Transcutaneous electrical nerve stimulation (TENS)**

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

**3.2: Technical Specification:**

- A micro controller based multi programmable transcutaneous electric nerve stimulator
- The unit should be a table top model.
- The unit should have dual Independent Channels
- The unit should have Adjustable Timer ranging from 0-90sec
- Adjustable Frequency and Pulse Duration parameters
- Therapy mode: Continuous, burst, linear, trapezoidal ,triangular and non- linear
- Tens Frequency: 2 Hz to 150 Hz Adjustable
- Pulse Amplitude:0-80 mA
- Pulse width 50 msec – 300 msec, variable
- Therapy mode: Continuous, burst, linear, trapezoidal and no- linear
- Parameter selection: Manual and programmed.
- Treatment timer: Digital timer
- Output display: Display for CH1 & CH2.
- With attached trolley

**3.3: Power Supply:**

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

**3.4: Quality Standard:**

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

**4. Muscle stimulator unit (FC/GC)**

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

**4.2: Technical Specification:**

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

#### 4.3: Galvanic Mode:

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

#### 4.4: Faradic Frequency - 100 PPM

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

#### 4.5: Accessories:

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

#### 4.6: Power Supply:

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

#### 4.7: Quality Standard:

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

### 5. Therapeutic Ultrasound Unit( Dual Frequency)

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

#### 5.2: Technical Specification:

- It should be double frequency ultrasound machine.
- Modes of operation should be in continuous and pulsed
- It should have at least in 4 different settings for Pulse ratio.
- Maximum output 2.5-3 watts/Sq.cm.
- Output frequency 1 MHz and 3MHz
- Treatment time should be adjustable from 0-30 minutes
- Automatic alarm should be their on completion of the treatment.
- Digital LCD display to indicate the output in w/cm<sup>2</sup> 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 channel for connecting two probes for simultaneous operation.
- The unit should be operated in continuous and pulse modes of operation.
- Laser Dosage: 0.1-100 J/cm<sup>2</sup>
- Therapy area 0.1-100 cm<sup>2</sup>
- 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. PhysioHydrocollator unit

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

**9.2: Technical Specification:**

- Water tank made up of Stain less steel inner & outer Cabin ( 20-25 Gauge thickness)
- High grade thermally insulated
- Static/Movable base
- Top lid of stainless still, thermally insulated with Fibre handle.
- Dimensions: : L (33 cm) x W (42cm) x H(69cm)
- Tank thickness: 20-22 Gauge
- Tank capacity: Should be such so as to accommodate 8 Packs
- Temperature range: 50-90 degrees Celsius
- Thermostatic temperature control (50 - 90 degree C) - Auto cut-off
- Thermal cut-out temperature
- Temperature accuracy: +/- 10%
- Heat-up time to 90 degree Celsius: in 8 hrs.
- Cool-down time from 90 degrees Celsius: 3 hrs.

**9.3: Power supply**

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

**9.4: Quality Standard:**

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

**Accessories must include:**

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

**10. Paraffin Wax Bath Unit:**

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

**10.2: Technical Specification:**

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

- Perforated steel plate to cover heating element for safety of patient
- The scope of supply includes 20 Kg of Wax.

#### 10.3: Power Supply:

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

#### 10.4: Quality Standard:

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

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

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

#### 11.2: Technical Specification:

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

#### 11.3: Power Supply:

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

#### 11.4: Quality Standard:

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

### 12. Vacuum Therapy Unit

#### 12.1: Clinical Use:

- Decrease or relieve pain and inflammation from injury or chronic conditions.
- Relieve deep muscular issues and reduces muscle spasms.

- Release and soften scar tissue and loosen post-surgery adhesions.
- Lift and stretch soft tissue to separate fascia and restrictions.
- Increase range of movement and flexibility in joints.
- Promote healthy circulation and open the energy flow of the body.
- Move stagnation and enable normal lymphatic flow.
- Enhance any athletic training program to improve performance.

#### 12.2: Technical Specification:

- It should be a table top model of dual channel.
- The unit should generate continuous and pulsed outputs with variable pulse speed
- The vacuum pressure should be adjustable as per requirement.
- Vacuum: 100 – 500 mbar continuously adjustable
- Therapy forms: continuous or pulsed
- Pulsed vacuum: 2 – 6 secs. Adjustable
- No. of vacuum electrodes: Four of 60-70mm
- The unit should have digital display.
- All required accessories should be provided with the unit for smooth functioning. Glass or plastic cups and a vacuum pistol, bulb or machine to create suction on the body surface.
- With attached trolley

#### 12.3: Power Supply:

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

#### 12.4: Quality Standard:

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

### 13. Knee and Hip Auto Passive mobilise

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

#### 13.2: Technical Specification:

- The device should provide anatomical motion of the knee & hip for the adult and pediatric 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 mobiliser used during the first phase of rehabilitation following a soft tissue surgical procedure or trauma, Post fracture management of Humerus, Radius-Ulna, frozen shoulder etc. This rehabilitation procedure follow-up for control post-operative pain reduces inflammation, provide passive motion in a specific plane of movement, and protect the healing repair or tissue.

#### 14.2: Technical Specification:

- The device should provide anatomical motion of the shoulder (Flexion-extension, Abduction-Adduction (vertical & Horizontal plane), Circumduction& Elbow (Flexion-extension), wrist combination of ulnar deviation, flexion (range - 0-80 deg) and Dorsey flexion plus radial deviation (range: 0-80 deg for the adult and pediatric 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, tabes dorsalis and vestibular rehabilitation.

### 17.2: Technical Specification:

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

### 17.3: Quality specification

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

## 18. Tilt Table (Electrical)

### 18.1: Clinical use:

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

### 18.2: Technical specification:

- It should function like an electric operated table with vertical to horizontal tilt is achieved with an easy-to-turn.
- Crank is angled to provide leverage for maximum lifting efficiency.
- The table should have three positioning (0-90 degree) straps for security on raising the patient.

- Should have minimum 28" wide surface with an extra-wide footboard (20"W x 18"D).
  - Minimum 2"-thick high-density (40) foam/Moulded foam padding.
  - Made of heavy-duty steel frame with vinyl upholstery.
  - Surface area: 28"W x 78"LL x 33"H (approx.). approximate
  - The table should be operate on 230Volt, 50Hz AC electricity supply
- Standard Quality**
- The manufacturer should be ISO 13485 certified
  - The model should be CE/BIS approved.

## 19. Manual therapy Bed unit

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

### 19.2: Technical Specification:

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

## 20. Wage board:

### 20.1: Clinical use:

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

### 20.2: Technical specification:

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

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

### 21.1: Clinical use

- It should be useful for adult & pediatric.

- 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/cm<sup>3</sup>
- The thickness of the mattress should be 4"
- Dimension: 6.5ft (L) and 3 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 manufacture 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 pediatric
- The motion arc can be adjustable from 10 to 38 inches by adjusting the handle.
- The wheel shall be mounted on a two chrome plated height adjustable (8" to 26") rails.
- The resistance can be varied by turning the resistance knob.

- The manufacturer should be ISO certified

#### **B. Over Head Pulley:**

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

#### **C. Shoulder Ladder:**

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

### **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 Aluminum 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.

28.2: **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 aluminum alloy.
- The insufflations bulb should be made of good quality material and should allow rapid insufflations.
- The pressure release valve should permit precise release of pressure and also allow fast deflation.
- Micro filter must provide to protect air release valve and measuring system.
- Spoon-shaped grip made of stainless steel.
- The device should be shock resistant
- Should be supplied with a good quality carrying case
- Should be supplied with following reusable cuffs: Child, and Adult.
- The cuff should be latex free. The cuff surface should be easily cleanable by wash.
- The equipment should have comprehensive warranty for 3 years. The calibration should be for 3 years free.
- The instruments should be CE marked (certificate to be submitted in technical bid)

- Manufacturer should be ISO 13485 approved
- 30.2. X-ray-reader/X-ray view Box: use for X-ray viewing.**
- Single-plate X-ray viewing screen
  - LED lamps controlled by dimming ballasts
  - Control luminance without flicker
  - Uniform level of illumination across the entire front panel
  - Sealed flush with the inside face of the operating theatre wall
  - Spring loaded clips to secure the X-ray
  - Minimum lamp hour: 30000hr
  - Colour temperature should be of minimum: 4500K
- 30.3. Gonio-meter:** Use for measurement of joint range of motion.
- 3 different size Goniometer to accurately measure the axis and range of motion in a particular joint.
  - Manufactured from clear toughened plastic for unrivalled durability.
  - 12 Inch Goniometer featuring three different scales, 360 degrees, Metric and Imperial.
  - Calibrated with the ISOM System.
  - Manufacturer should be ISO certified.
- 30.4. Hand grip & pinch Dynamometers:** Use for hand grip test and muscle strength measurement.
- Maximum reading remains until the unit is reset
  - Five position handle and body
  - Strength reading can be viewed as pounds or kilograms
  - CE Certified
  - Supplied in a protective carrying case
  - The manufacturer should be ISO certified.
- 30.5 Knee hammer:**
- Used to test joint reflexes or bone fractures in the joints
  - The Taylor hammer features a 7.5 inch chrome handle
  - Has a colored triangular rubber head
  - The manufacturer should be ISO13485 approved
- 30.6 Plumb unit:** Metallic plum with nylon thread
- 30.7 Stadio meter:**
- The measuring rod can be dismantled into several pieces and can be set easily.
  - The scale must be printed along the side of the measuring rod.
  - Measuring range (Both in cm & inch): 20-205 cm and 8 - 81".
  - Graduation of measuring rod: 1mm / 8inch.
  - The structure should be made of ABS plastic.
  - The product should be CE certified (certificate to be submitted in technical bid)
  - The manufacturer should be ISO certified
  - Warranty : 1 Year
- 30.8 Weighing scale:**

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

### 30.9 Inch tape:

- Spring controlled.
- The measuring tape should be
- The measuring tape made of woven fabric.
- It should be cleanable .Measurement 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 Caliper
- Measure Tape
- Measurement Chart

## 13. Waste Management Item

Sl.No	Item	Specification	Rate inclusive of all taxes
1	Color Coded Bins with Bio Hazard symbol	Size: 10 liter, 30 liter & 50 Liter, HDPE Material with Flip cover ISO Certified Colors Red, Yellow, Blue, and Black. Each bin is branded with water proof material with Bio Hazard symbol, Colour Pictorial Message in Odia and English printed with Govt. of Odisha, CDMO, Kendrapara supply	
2	White Puncture Proof container with lid with Bio	Size: 5 litter ,Plastic with an imprint of text on the bins in Odia and English printed with	

	Hazard Symbol	Govt. of Odisha ,CDMO Kendrapara supply,	
3	Electric needle Syringe Terminator	Body shock proof product with One year warranty	
4	Manual needle syringe Destroyer/Hub cutter	Plastic and stainless steel	
5	Hepatitis B Vaccine(Biological E	10ml vial dose (10dose)	
6	Tetanus Toxoid	10ml vial dose	
7	PPE	(Gun boot) Gloves Heavy duty rubber gloves, Cloth face mass, Cloth head cap Reusable Rubber /plastic apron	
8	Trolley	Iron Body, 25mmX25mmX5mm angle ,25mm wheel bar ,16G GI sheet, Fibre wheel , 3'X2'x1.5' size	
9	Portable weighing Machine (Scale with sling )	With capacity up to 50 KG	
10	AD Syringe	0.5 ml	
11	AD Syringe	1 ml	
12	Sodium Hypo chloride 5ltr Jar	1% Solution	
13	Color Coded Bins with Bio Hazard symbol	30ltr,10ltr (Foot operated)	

### Dental Item List

Sl no	Name of the Item	Remarks
1	Extraction forceps kit	
2	Permanent teeth	
3	Extraction forceps kit Decidious teeth	
4	Root Elevators cryer (Left, Right)	
5	Root Elevator Couplaned	
6	Root Elevator Root Tip Heidbrink Right & Left	
7	Root Elevator Apical Standard	
8	Warwick james root elevator left & Right	
9	Perosteal Elevator	
10	Lindo levian root elevator set	
11	Warwick jams straight elevator	
12	Oral surgery impaction kit	
13	Luxatip set /Luxator	

14	Cross bar elevator	
15	Miller appexo elevator standard Left Right	
16	Bone Rongerus set	
17	Bone Chisel & mallet	
18	Bone Filers	
19	Bone file miller	
20	Bone curettes	
21	Surgical scissor curved	
22	Scissor. Noyes angular	
23	Tissue forceps straight	
24	Needle holder premium	
25	Hemostats (Artery forceps set )	
26	Mouth mirror, Probe, tweezers	
27	Kidney tray Large & Small	
28	Stainless steel suture needle	
29	Vicryl # 3-0 (Absorbable suture)	
30	Atraumatic restorative kit Instrument & material	
31	Cold cure liquid & powder	
32	Composite instrument kit	
33	Composite kit packable restorative material	
34	GIC restorative material -Luting & restorative	
35	Pit & fissure sealant	
36	Diamond bur set	
37	Carbide bur set	
38	Electrical Instrument Sterilizer	
39	Dental air rotor Push Bottom	
40	Suction Tip	
41	Hemostatic dressing	
42	Ortho Composite	
43	Flowable composite	
47	Dental Straight Hand Piece & bur	
45	Dental Contra Angel Hand Piece	
46	Dental Air roter Oil	
47	Dental Air roter mini racer for pedo	
48	Dental air rotor Push Bottom 45 degree angulation	

#### 14. LIST OF PANCHAKARMA AYURVEDA MEDICINE

SL.NO.	PRODUCT NAME-:	Remarks
1	ABHAYARISHTAM	
2	DASHMOOLARISHTAM	
3	ASWAGANDHARISHTAM	
4	BALARISHTAM	
5	JEERAKDYARISHTAM	

6	AVIPATHI CHOORNAM	
7	TALISHAPATRADI CHOORNAM	
8	KOLAKULATHADI CHOORNAM	
9	RASNADI CHOORNAM	
10	VYOSHADI VADAKAM	
11	BALA ASWAGANDHADI THAILAM	
12	NAALPAMARADI KERAM	
13	ELADI KERAM	
14	KARPOORADI THAILAM	
15	MURRIVENA THAILAM	
16	KSHEERABALA THAILAM	
17	BISAGARBHA THAILAM	
18	KOOTAMCHOOKADI THAILAM	
19	MAHANABAYAN THAILAM	
20	MAHAMASHA THAILAM	
21	DHANWANTARAM THAILAM	
22	SAHA CHARADI THAILAM	
23	KAISHORE GULGULU GULIKA	
24	DHANWANTARAM GULIKA	
25	MAHA YOGRAJ GULGULU GULIKA	
26	KAYA THIRUMANI ENNATHAILAM	
27	KSHEERVALA 101 AVARTHI	
28	SATADHOVTA GHRITAM	
29	RASOTHAMADI LEPAM	
30	VARAA (TRIPHALA) CHOORNAM	
31	PRASARANEE THAILAM	
32	AMRUTHA GULGULU GULIKA	
33	JATYADI GHRITAM	
34	LAAKSHA GULGULU GULIKA	
35	JATAAMAYADI CHOORNAM	
36	PUSHYANUGA CHOORNAM	
37	ASHOKARISHTAM	
38	KUMARYASHAVAM	
39	SHARIVADYASAVAM	
40	CHYAVANPRASHAM	

## CHECK LIST

Please put  in the respective box

## DOCUMENTS submitted

Sl. No.	Details	Provided or not	
		Yes	No
1.	Cost of tender document Rs. 1000 /-(Rupees one thousand ) only		
2.	Earnest Money Deposit Rs 20000/-(Rupees twenty thousand only)(Not Applicable for SSI UNITS)		
3.	List of Items being quoted with specification and strength		
4.	Duly attested Valid up-to-date Photocopy of Manufacturing License/Drug License N.B.-Information will be supplied by the bidder as per the format given in annexure No-II		
5.	Details of Manufacturing Unit / contact person for Liaisoning / local office in Odisha		
6.	Valid up-to-date WHO GMP/ GMP certificate N.B.- Information will be supplied by the bidder as per the format given in annexure No-II		
7.	Valid up-to-date ISO Certificate N.B.- Information will be supplied by the bidder as per the format given in annexure No-II		
8.	Attested photo copy for Purchase order of Lab. Materials, Consumables, Reagents, Drugs and Medical Consumables, Instrument & Equipment from Govt./Corporate/PSU Hospitals in India in support of marketing experience for last 3 years. (Marketing experience for supplier to retailer is not allowed)		
9.	The annual average turnover of the bidder should be Rs 1-Crore or more during the last three financial years certified by a Chartered Accountant. (Annexure VII)		
10.	Authorization letter of the Manufacturer if the bidder is an authorized distributor (Annexure VI) N.B.- Information will be supplied by the bidder as per the format given in annexure No-II		



(To be submitted in Cover A -Technical Bid)

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

	<b>Corporate Office</b> (The address in which the purchase orders and payment details will be communicated)	<b>Local Contact Person / Branch Office / Zonal Office / if any, in Odisha.</b>
Name & Full Address		
Telephone Nos., landline		
Mobile		
Fax		
E – Mail		

Signature of the Bidder:  
With seal

Date:

Official Seal:

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

I / We .....having My / our  
.....office the at  
.....do declare that I / We have carefully read all the  
terms & conditions of tender of the Chief District Medical Officer, Kendrapara, Odisha for  
the supply of drugs and medical consumables. 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 of  
the Tender Reference no. \_\_\_\_\_

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

I/We agree that the Tender Inviting Authority can forfeit the Earnest Money Deposit and  
blacklist me/us for a period of 2 years if any information furnished by us proved to be false at the  
time of inspection / verification and not complying with the Tender terms & conditions.

I/We further declare that I/We possess valid manufacturing license / Drug License bearing  
No. (s) .....Valid upto ..... I / We  
..... do hereby declare that I / we will supply the  
\_\_\_\_\_ as per the terms, conditions & specifications of the tender document.

Signature of the bidder :

Seal Date :

Name &amp; Address of the Firm:

(To be submitted in Cover A -Technical Bid)  
**MANUFACTURER'S AUTHORISATION FORMAT**

To  
The Chief District Medical & Public Health Officer,  
Kendrapara, Deptt. Of Health & Family Welfare  
Govt. of Odisha.

Ref: Tender No. \_\_\_\_\_ Dated \_\_\_\_\_ for supply of drugs and  
medical consumables.

Dear Sir,

We, \_\_\_\_\_ are the manufacturers of \_\_\_\_\_  
\_\_\_\_\_ having factories at \_\_\_\_\_.

1. Messrs \_\_\_\_\_ (name and address of the agent) is our authorized agent for  
sale of \_\_\_\_\_ (name of items)
2. We confirm that Messrs. \_\_\_\_\_ (name of the above agent) is authorized to  
submit a tender, and enter into a contract with for the above goods manufactured by us.

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.

(To be submitted in Cover A -Technical Bid)

**ANNEXURE – VI**

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

**ANNUAL TURN OVER STATEMENT**

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

Sl.No.	Year	Turnover in Lakhs (Rs.)
1.	2019 - 2020	-
2.	2020 - 2021	-
3.	2021-2022	-

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

Date:  
Place:

Signature of Auditor/ Chartered Accountant  
(Name in Capital)

Seal

Membership No. -

Registration No. of Firm

**Note:**

- To be issued in the letter head of the Auditor.
- Separate certificates should be furnished for different manufacturer in case the bidder is quoting products of different manufacturers.

**PROFORMA FOR PERFORMANCE STATEMENT**  
**(For the period of last three years)**

Name of Manufacturer

Sl.	Order placed by (Address of purchaser) (attach documentary proof)*	Order no. & Date	Value of Contract (Rs.)	Date of Completion		Reasons for delay if any
				As per contract	Actual	
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

Signature and seal of the Bidder

- The documentary proof will be copies of the purchase order (during the last 3 years) indicating Contract No. and date/
- \*\* The documentary proof will be certificate from the consignee/end user indicating Contract No. and date:

<u>Drug and Medical Consumables.</u>						
Sl. No.	Name of the Items	Specification	Unit / Pack	Rate / Unit (Inclusive of all Taxes)	Mfg By	REMARK
1	2	3	4	5		

Annexure - VIII (B)

LABORATORY REAGENTS & X-RAY ARTICLES

Sl. No.	Name of the Items	Specification	Unit / Pack	Rate / Unit (Inclusive of all Taxes)	Mfg By	REMARK
1	2	3	4	5		
	<u>X-Ray Articles</u>					

Annexure - VIII (C)

INSTRUMENT & EQUIPMENT

Sl. No.	Name of the Items	Specification	Unit / Pack	Rate / Unit (Inclusive of all Taxes)	Mfg By	REMARK
1	2	3	4	5		

*Asst. Dir.*