



OFFICE OF THE CDM & PHO CUM DISTRICT MISSION DIRECTOR, KANDHAMAL

District Programme Management Unit, DHH, KANDHAMAL, Phulbani – 762001 (Orissa)

Ph./FAX : 06842-253249 (CDMO), 253190 (F.W.), 253220 (DPMU), e-mail reportsnrhmkan@gmail.com

Letter No. 13965 /NHM20/ Phulbani

Date : 14/11 /2020

To

The Editor, Dharmitri
(Through the Local Correspondences, Kandhamal)

The Editor, Sarbasadhara
(Through the Local Correspondences, Kandhamal)

Sub : Publication of the advertisement.

Sir,

Please find here with a specimen copy of the advertisement for Publication of the same in your daily news paper (One time) by Dt. 15.11.2020. Consuming minimum space and submit the bill as per I&PR rate along with a copy of the supplement to the undersigned within 7 days for payment.

This is for favor of your kind information and necessary action.

Yours faithfully,

14.11.2020
Chief District Medical & Public health Officer
Kandhamal

Memo No. 13966 /NHM/ 20

Date: 14.11.2020

1. Copy to the DI&PRO, Kandhamal for information & necessary action.
2. Copy to the DIO, NIC, Kandhamal for information with a request to publish the same along with the enclosures (enclosed herewith) in the district website.
3. Copy to the Head Clerk, O/o the CDM& PHO, Kandhamal for information and necessary action.

14.11.2020
Chief District Medical & Public health Officer
Kandhamal

ZILLA SWASTHYA SAMITI, KANDHAMAL



Office of the CDM&PHO-cum- District Mission Director, NHM, Kandhamal, Odisha, 762001

Tender No. 13964 /NHM/20

Dt: 14.11.2020

Tender Call Notice

Sealed tenders are invited from the interested eligible bidders for supply & installation of Medical Equipments & instruments under CDM&PHO, Kandhamal. The eligible criteria, the terms of reference and the formats for submission of bid as set forth in the tender document can be downloaded from the website www.kandhamal.nic.in. Interested bidders fulfilling the eligibility criteria may submit their proposal(s) with EMD, Tender paper cost & document as per tender call notice. The bidders have to submit their proposal(s) at the O/o: The CDM&PHO, Kandhamal, DHH, Phulbani. Proposal(s) complete in all respect should reach the undersigned on or before **03.00 PM of 01.12.2020** through Regd./Speed post/ Courier and the same will be opened on **02.12.2020 at 11.00AM**. The undersigned reserves the right to reject any or all the tender(s) without assigning any reason thereof.

Sd/-
Chief District Medical & Public health Officer
Kandhamal



**CHIEF DISTRICT MEDICAL & PUBLIC HEALTH OFFICER
KANDHAMAL**

Tel: 06842-253385;
e-mail :cdmophulbani@gmail.com,

Tender Reference No. CDM&PHO/2020-21/011

**TENDER DOCUMENT
FOR
SUPPLY & INSTALLATION
OF
MEDICAL EQUIPMENTS & INSTRUMENTS**

**Address for Correspondence- Office of the Chief
District Medical & Public Health Officer, Kandhamal
At/Po-Phulbani, Dist- Kandhamal, Odisha
Pin-762001**


Chief District Medical & Public Health Officer
Kandhamal

ABSTRACT OF CONTENTS IN THE TENDER PAPER

Sl No	Content	Page No
1	Section-I Notice Inviting Tender	01
2	Section-II Important Instructions to be Noted Carefully by the Tenderers	02
3	Section-III Terms & Conditions for Supply & Installation of Medical Equipments, Instruments, Furniture & Linen Items	03-06
4	Annexure-I Check List	07
5	Annexure-II List of Items to be tendered	08-09
6	Annexure-III List of items quoted Format	10
7	Annexure-IV Price Bid Format	10
8	Annexure-V Declaration by Notary regarding Black Listed	11
9	Annexure-VI Authorization Letter from Manufacturer Unit	12
10	Annexure-VII Self Declaration regarding rate quoted	13
11	Annexure-VIII Self Declaration regarding binding of rate quoted	13
12	Annexure-IX Self Declaration regarding supply of items within stipulated time period	14
13	Annexure-X Declaration regarding minimum turn over	15
14	Annexure-XI Technical Specification of the items	16-52

OFFICE OF THE CHIEF DISTRICT MEDICAL & PUBLIC HEALTH OFFICER, KANDHAMAL

SECTION -I

NOTICE INVITING TENDER

Tender Reference No. : . CDM&PHO/2020-21/011

Dated: 14 / 11 / 2020

**TENDERS ARE INVITED FROM ELIGIBLE BIDDERS AS PER THE ELIGIBILITY CRITERIA FOR SUPPLY
& INSTALLATION OF MEDICAL EQUIPMENT & INSTRUMENTS**

1	Period of Availability of Tender Document	From 16.11.2020 TO 01.12.2020 (Downloadable from website: www.kandhamal.nic.in) In case of any bid amendment and clarification, responsibility lies with the bidders to collect the same from the above mentioned website before last date of submission of tender document and the tender inviting authority shall have no responsibility for any delay / omission on part of the bidder.
2	Last date & time for submission of Tender	Date: 01.12.2020, Time: 03 P.M. Address of Submission of Bid: OFFICE OF THE CHIEF DISTRICT MEDICAL & PUBLIC HEALTH OFFICER, KANDHAMAL At/Po- Phulbani, Dist.- Kandhamal, Pin- 762001 (Through Speed post / Registered post/Courier)
3	Date, time and place of opening of Tender	A. Technical Bid (Cover-A): Opening - 02.12.2020 at 11.00 AM at the address mentioned above. B. Financial Bid (Cover B): Opening – 02.12.2020 at 12.00 PM at the address mentioned above. (Venue is mentioned at the address mentioned above) (Bidders / authorized representative may remain present at the time of opening of bid)


Chief District Medical & Public Health Officer
Kandhamal

SECTION -II

IMPORTANT INSTRUCTIONS TO BE NOTED CAREFULLY BY THE TENDERERS

1.	Mode of Procurement	Through Open Advertisement
2.	Purchaser	Chief District Medical & Public Health Officer, Kandhamal
3.	Consignee	DHH,SDH, CHC, AH,PHC etc. of District Kandhamal
4.	Delivery Period	Within 30 days from issue of the purchase order.
5.	Mode of Delivery	By Air / Road / Rail
6.	Guarantee / Warranty /CMC	<u>Comprehensive warranty</u> including all spares, maintenance etc. for a period 3(<i>three</i>) years from the date of installation & commissioning and 3(<i>three</i>) years CMC after warranty period.
7.	Tender Document Cost	Rs. 2,000/- : The tender document cost is to be submitted in the shape of bank draft in favour of the ZSS Non NRHM Fund, Kandhamal from any Nationalized / Scheduled Bank payable at Phulbani.
8.	Earnest Money Deposit (EMD) (The approx. no. of equipment is mentioned in the Schedule of requirement – Section IV)	<p>The bidder may quote for any or all the equipment by submitting the required EMD of Rs. 50,000/-.</p> <p>The Earnest Money Deposit will be paid in the shape of demand Draft only in favour of ZSS Non NRHM Fund, Kandhamal from any Nationalized / Scheduled Bank payable at Phulbani.</p> <p>EMD exemption is not permitted except to local SSI units registered in Odisha only as mentioned in Clause-4.3.</p>


Chief District Medical & Public Health Officer
Kandhamal

SECTION -III

TERMS & CONDITIONS

Sealed tenders are invited from the eligible bidders as per the eligibility criteria for **supply & installation of Equipment & Instrument** for the District, Kandhamal.

1. The bidders have to submit their tenders in separate sealed covers (i.e. **Cover "A"- Technical Bid & Cover "B"- Price Bid**). Both the covers should be put into a third **Cover "C"** which must be super-scribed as **"Tender for "Supply & installation of Equipment & Instrument" and Tender Reference No. _____**.
2. **The Cover "A" (Technical Bid) should contain as follows:**
 - 1) Checklist with details of the documents enclosed in **Cover "A"** (as per **Annexure - I**) with page number. The document should be **serially arranged** as per this **Annexure - I** and should be securely tied and bound.
 - 2) Manufacturing unit / supplier, who has been blacklisted either by the Tender inviting authority or by any state Govt. or Central Govt. organization, is not eligible to participate in the tender for that item during the period of blacklisting. They should submit a declaration about this by a **Notary Public**.
 - 3) EMD **Rs.50,000/-** (Rupees Twenty Thousand only - Refundable) in shape of Bank Draft / Bankers Cheque in favour of ZSS Non NRHM Fund, Kandhamal payable at Phulbani.
 - 4) Tender Paper Cost **Rs.2000/-** (Rupees Two Thousand only – Non-refundable) in shape of Bank Draft / Bankers Cheque in favour of ZSS Non NRHM Fund, Kandhamal payable at Phulbani.
 - 5) List of Item (s) Quoted individually in the prescribed format (**Annexure – II**).
 - 6) Copy of organization PAN.
 - 7) Copy of organization Income Tax Return Acknowledgement for the (**Assessment Year 2017-18, 2018-19 & 2019-20**)
 - 8) Photo copy of the audited financial statement for the last three financial year i.e. **2016-17, 2017-18 & 2018-19**.
 - 9) Photocopy of the GST registration certificate & GST Return Copy (GSTR-3B) of last 3 months (i.e. July, August & September of 2020) for Regular Dealer & GSTR-4 of last Quarter (i.e. July-Sept 2020) for Composition Dealer.

- 10) The manufacturer / supplier should have 5 years market standing in supplying EIF to Govt./Corporate/PSU Hospitals in India. The copy of purchase order from the user should be furnished in support of the information provided in the market standing statement (item wise).
- 11) Performance Statement during the last three years towards proof of supply of similar EIF to any Govt./Corporate/PSU Hospitals in India. The copy of certificate from the user should be furnished in support of the information provided in the performance statement (item wise).
- 12) Original Copy of Valid Manufacturing License of the manufacturer (s) / Import License by the Importer from the Original Equipment Manufacturer (OEM).
- 13) Copy of valid ISO Certificate.
- 14) Copy of valid ISI / CE / BIS / US FDA / IEC certificate.
- 15) All the tender documents should sign by the bidders at the bottom of each page with his official seal duly affixed.
- 16) Leaflet / Technical Brochures of the products / item offered.
- 17) They should quote the rates for individual items inclusive of excise duty, insurance, packing, forwarding, freight (door delivery) and exclusive GST (if any) and should submit a self declaration about this.
- 18) They must submit the undertaking that they will supply the stocks **within Thirty days** after receipt of the Purchase Order from this office. In case of non-supply, the authority may allow extension for a **maximum period of 02 (two) weeks (14 days)** after the stipulated date of supply with a **penalty of 0.5% per week**, which will be deducted from the purchase order value as "**Liquidated Damage**".
- 19) If the supplier fails to complete the supply within the extended period, i.e. 44 days after being allowed by the purchaser, no further purchase order will be placed to the firm for the said item including forfeiture of the EMD and the concerned firm will be blacklisted for three (3) years from the date of issue of letter for the said item.
- 20) Violating the tender terms and conditions & non supply / supply which is not as per technical specification will disqualify the firm to participate in the tender for a period of three (3) years from the date of issue of letter and his E.M.D will be forfeited and no further purchase order will be placed to that firm for that item.


Chief District Medical & Public Health Officer
Kandhamal

- 21) The supplier shall have a minimum turnover of Rs.1 (one) Crore or more in the last three year financial years i.e. 2016-17,2017-18 & 2018-19 and copy of the audited financial statement for the last three financial year i.e. 2016-17,2017-18 & 2018-19 should be submitted.

3. General Condition:

- 1) Eligible bidders should submit their tender documents to the CDM&PHO,Kandhamal through **Speed Post / Registered Post / Courier only on or before 01.12.2020 by 03 P.M.**
- 2) Any tender documents received after the due date & time will be rejected and returned to the sender unopened.
- 3) Violating the tender terms and conditions & non-supply / partially supply / supply, which is not as per technical specification, will declared as **Blacklisted** and disqualify the firm to participate in any tender of this district for a period of next 03 (three) years from the date of issue of the letter and his E.M.D. will be forfeited.
- 4) Tenders documents should be typewritten or computerized, failing which the bidders will be ineligible for consideration. No further correction will be allowed.

4. Conditions Applicable to LOCAL MSEs / SSI OF ODISHA:

The MSE / SSI Units of the State of Odisha will be given the following preferences in the tenders provided they produce the following documents as per MSME Development Policy-2009 and IRP - 2007:

- 1) Attested copy of valid manufacturing licence.
- 2) P.M.T Certificate from the Director of Industries, Odisha or General Manager District Industries Centre that it is a MSE / SSI Units of the State of Odisha, provided that MSE / SSI units has not been derecognised by the Govt. for that specified period.
- 3) Local MSEs registered with respective DICs, Khadi, Village, Cottage and Handicraft Industries, OSIC, NSIC shall be exempted from payment of earnest money.
- 4) All other terms & conditions are applicable to the Small Scale Industry Units of the State of Odisha.

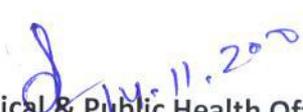

Chief District Medical & Public Health Officer
Kandhamal

5. **The Cover "B" (Price Bid) should contain as follows:**

- 1) Financial Bid must be submitted in the prescribed format as attached in **Annexure- IV**. No other document should be enclosed in the Financial Bid. The Financial Bid should be sent in a separate sealed cover called **Cover "B" (Price Bid)**.
- 2) The rates should be computerized.
- 3) The price quoted by the tenderers shall not in any case, exceed the controlled price, if any, fixed by the Central / State Government / DGS&D and the Maximum Retail Price (MRP). The purchaser, at his discretion, will in such case, exercise the right of revising the price at any stage so as to confirm to the controlled price or MRP as the case may be deleted.
- 4) The rate quoted and accepted will be binding on the tenderer for a period of **one year** from the date of approval of the rate contract and on no account, any increase in the price will be entertained till the completion of this tender period.
- 5) If there is difference between figures & words, words will be taken into consideration.

The last date for submission of the tender documents is fixed **on 01.12.2020 by 03 PM** . The Technical Bid will be opened on **02.12.2020 at 11.00 AM** by the purchase committee.

The undersigned reserves the right to reject or cancel any or all the tenders without assigning any reason thereof.


Chief District Medical & Public Health Officer
Kandhamal


Chief District Medical & Public Health Officer
Kandhamal

CHECK LIST

Sl. No.	List of Tender Documents Submitted	Yes	No	Page No.
1	Cover "A"-Technical Bid			-
2	Cover "B"- Price Bid			-
3	EMD Rs.50,000/- (Rupees Fifty Thousand only - Refundable) in shape of Bank Draft / Bankers Cheque in favour of ZSS Non NRHM Fund, Kandhamal payable at Phulbani.			
4	Tender Paper Cost Rs.2000/- (Rupees Two Thousand only – Non-refundable) in shape of Bank Draft / Bankers Cheque in favour of ZSS Non NRHM Fund, Kandhamal payable at Phulbani.			
5	List of Item (s) Quoted in the prescribed format (Annexure – III)			
6	Self attested photocopy of organization PAN.			
7	Copy of organization Income Tax Return Acknowledgement for the (Assessment Year 2017-18, 2018-19 & 2019-20)			
8	1)Photo copy of the audited financial statement for the last three financial year i.e. 2016-17, 2017-18 & 2018-19.Self attested photocopy of the GST registration certificate.			
9	Self-attested photocopy of the GST registration certificate. Photocopy of the GST registration certificate & GST Return Copy (GSTR-3B) of last 3 months (i.e. July, August & September of 2020) for Regular Dealer & GSTR-4 of last Quarter (i.e. July-Sept 2020) for Composition Dealer.			
10	Self attested photocopy regarding 5 years market standing in supplying drugs to Govt./Corporate/PSU Hospitals in India.			
11	Performance Statement during the last three years towards proof of supply of similar EIF to any Govt./Corporate/PSU Hospitals in India. The copy of certificate from the user should be furnished in support of the information provided in the performance statement (item wise).			
12	Self attested photocopy of valid ISO certificate.			
13	Self attested photocopy of valid ISI / CE / BIS / US FDA / IEC certificate.			
14	All the tender documents should sign by the bidders at the bottom of each page with his official seal duly affixed.			
15	Leaflet / Technical Brochures of the products / item offered.			
16	Declaration by Notary Public regarding blacklisted of Manufacturer / supplier either by the Tender inviting authority or by any state Govt. or Central Govt. organization as per Annexure-V .			
17	Original copy of Valid Manufacturing License of the manufacturer (s) / Import License by the Importer from the Original Equipment Manufacturer (OEM) as per Annexure-VI .			
18	Self Declaration regarding quote the rates for individual items inclusive of excise duty, insurance, packing, forwarding, freight (door delivery) and exclusive of GST charges (if any) as per Annexure-VII .			
19	Self Declaration regarding the rate quoted and accepted will be binding on the tenderer for a period of one year from the date of approval of the rate contract and on no account, any increase in the price will be entertained till the completion of this tender period as per Annexure-VIII .			
20	Undertaking regarding they will supply the stocks within Thirty days after receipt of the Purchase Order from this office as per Annexure-IX .			
21	Declaration regarding the supplier shall have a minimum turnover of Rs.1 (one) Crores or more in the last three year financial years i.e. 2016-17,2017-18 & 2018-19 as per Annexure-X . The bidders shall submit the audited financial statement for the last financial i.e. 2016-17,2017-18 & 2018-19 for verification of turnover.			

LIST OF ITEMS TO BE TENDERED

Sl. No.	Name of Item
1	Head Light
2	Ear Specula
3	Nasal Speculum
4	Mouth Mirror
5	Tongue Depressor
6	Foreign Body Removal Forceps
7	Otoscope
8	Jobson Horn Probe
9	Tuning Fork
10	Noise Maker
11	Periodontal probe
12	Tooth Model
13	Torch
14	Tooth Extraction Forceps Set(Adult)
15	Color Vision Chart
16	Near Vision Chart
17	Snellen's Chart
18	Peak Flow Meter
19	Stadiometer
20	Digital BP Apparatus
21	Aneroid BP apparatus
22	Lab Autoclave
23	Urine Analysis(DIPSTICK)
24	Incubator
25	Micro Pipette
26	Needle Destroyer
27	Centriguge-8 Tubes
28	Binocular Microscope
29	Shoulder Wheel, Over Head pully, Shoulder ladder
30	Walker
31	Cervical traction (manual)
32	Exercise Bicycle
33	Lumber Traction manual
34	Gait Training Apparatus/ Parallel bar
35	Hydro Collator Unit

Sl. No.	Name of Item
36	Traction Bed
37	Lumbar & Cervical Traction with Bed
38	Interferential Current Therapy Unit (Combo)
39	Transcutaneous Electrical Nerve Stimulation (TENS)
40	Muscle stimulator unit (FC/GC)
41	Therapeutic Ultrasound Unit(Dual Frequency)
42	Shock wave Therapy unit
43	Therapeutic Laser Unit (Physiotherapy)
44	Infra Red Therapy unit with stand
45	Paraffin Wax Bath Unit
46	Short wave diathermy unit (500W) for Physiotherapy
47	Vacuum Therapy Unit
48	Knee and Hip Auto Passive mobilise
49	Shoulder, Elbow and Wrist auto passive mobiliser
50	Parallel Bar
51	Stair climbing training unit
52	Adult Trampoline
53	Tilt Table (Electrical)
54	Manual therapy Bed unit
55	Wage Board
56	Therapeutic Mat
57	Adult Roller & Balance board (wobbles' Board)
58	Foot Bath Unit
59	Treatment wooden beds with Mattress
60	Quadriceps training unit including weight cuffs & dumbbells
61	Hand rehabilitation Therapy unit
62	Thera bands /Elastic bands (Flat type)
63	X ray-reader/X-ray veiw Box: use for X-ray viewing
64	Gonio-meter
65	Hand grip & pinch Dynamometers
66	Knee Hammer
67	Plumb Unit
68	Weighing Scale
69	inch Tape
70	Skin fold measurement Calliper
71	Salt Test KIT
72	OVE KIT (Oral Visual Examination Kit)
73	VIA KIT (Visual Inspection with Acetic Acid Kit)

Annexure- III

LIST OF ITEMS QUOTED

Sl. No.	Tender Quoted Sl. No.	Name of the Item (As per Annexure-II)	Manufacture Name	Make	Model Name	Specification submitted by the Bidders (mention details)

Signature of the Bidder with seal

Annexure- IV

PRICE BID

Sl. No.	Name of the Item	Make & Model	Unit Price with all accessories (as per Tender Clause No.-2.17) (both in words and figures)

Signature of the Bidder with seal


Chief District Medical & Public Health Officer
Kandhamal

DECLARATION

(Filled by the Notary)

I / We _____ do hereby declare that I / We have **not been de-recognized / black listed** by the Tender inviting authority or by any state Govt. or Central Govt. organization for supply of **Not of Standard Quality Items / non-supply**.

I / We agreed that the Tender Inviting Authority can forfeit the Earnest Money Deposit and blacklist me / us for a period of 3 years if, any information furnished by me / us proved to be false at the time of inspection / verification and not complying with the Tender terms & conditions.

Seal & Signature of the Notary


Chief District Medical & Public Health Officer
Kandhamal

MANUFACTURER'S AUTHORISATION FORM

*(to be submitted by authorized distributor/importers in a **letterhead** in case the bidder is the authorized distributor/importer of OEM)*

No.

Dated:

To

**The Chief District Medical & Public Health Officer,
Kandhamal, Phulbani, Odisha**

Dear Sir / Madam,

Bid Reference No. :
Equipment Name :

We (name of the OEM) are the original manufacturers of the above equipment having registered office at (full address with telephone number/fax number & email ID and website), having factories at _____ and _____, do hereby authorize M/s. _____ (Name and address of bidder) as _____ (Importer / Distributor) to submit bids, and subsequently negotiate and sign the contract with you against the above bid no..

No company or firm or individual other than M/s. _____ are authorized to bid, negotiate and conclude the contract in regard to this business against this specific bid reference no.

We also hereby undertake to provide full guarantee/warrantee /CMC/AMC as agreed by the bidder in the event the bidder is changed as the dealers or the bidder fails to provide satisfactory after sales and service during such period of Comprehensive warranty/CMC/AMC and to supply all the spares/reagents / consumables for 6 years.

We also hereby declare that we have the capacity to manufacture and supply, install and commission the quantity of the equipments bided within the stipulated time.

(Name)

for and on behalf of M/s. _____

(Name of manufacturers)

Date:

Place:

Seal

Note: *This letter of authority should be on the letterhead of the manufacturing concern and should be signed by a person competent and having the power of attorney to bind the manufacturer.*


Chief District Medical & Public Health Officer
Kandhamal

DECLARATION

(Filled by the Bidder)

I / We _____ do hereby declare that I / We have quoted the rates for individual item inclusive of excise duty, insurance, packing, forwarding, freight & door delivery and exclusive GST (if any).

Signature of the Bidder with seal

DECLARATION

(Filled by the Bidder)

I / We _____ do hereby declare that the rate quoted and accepted will be binding on the tenderer for a period of **one year** from the date of approval of the rate contract and on no account, any increase in the price will be entertained till the completion of this tender period, otherwise the Tender Inviting Authority can **forfeit the Earnest Money Deposit and blacklist me / us for a period of next 3 years.**

Signature of the Bidder with seal


Chief District Medical & Public Health Officer
Kandhamal

DECLARATION

(Filled by the Bidder)

I / We _____ do hereby declare that I / We supply the stocks **within 30 days** after receipt of the Purchase Order from the Tender Inviting Authority. In case of non-supply within the stipulated time period, the tender inviting authority may please be allowed extension for a **maximum period of 02 (two) weeks (14 days)** after the stipulated date of supply with a **penalty of 0.5% per week**, which will be deducted from the purchase order value as "**Liquidated Damage**".

I / We agreed that the Tender Inviting Authority can **forfeit the Earnest Money Deposit and blacklist me / us for a period of next 3 years for non-supply / part supply** of the stocks within the time period.

Signature of the Bidder with seal


Chief District Medical & Public Health Officer
Kandhamal

ANNUAL AVERAGE TURN OVER STATEMENT
(To be furnished in the letter head of the Chartered Accountant)

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

Sl. No.	Financial Year	Turnover in Crore (Rs.)
1	2016-17	
2	2017-18	
3	2018-19	
Average Annual Turnover in Crore (Rs.)		

Date:

Signature of Chartered Accountant

Place:

(Name in Capital)

Seal Membership No.-

Note:

- 1) To be issued in the letter head of the Chartered Accountant with membership No.
- 2) Also attach photocopies of the audited P/L account of each year highlighting the turnover in support of that.


Chief District Medical & Public Health Officer
Kandhamal

01-Head Light

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

02- Ear Specula

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

03- Nasal Speculum

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

4-Mouth Mirror

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

GENERAL FEATURES

Product Description: Dental Mouth Mirror or Dentist's Mirror
Clinical Purpose: For allowing indirect vision by the dentist, reflecting light onto desired surfaces and retraction of soft tissues

Disposable or Reusable: Reusable

Sterile : Yes

Autoclavable: Yes

PACKAGING: Individually Packed

CERTIFICATIONS & REPORTS

Submission of Test Report from Central Govt/NABL/ILAC accredited Lab to prove the conformity to declared specification at the time of supply: YES

Product certification: Manufacturer should be ISO13485 certified

Product should be CE /IS approved

WARRANTY & MAINTENANCE

Warranty (Yrs): Replacement warranty of 1 year

5- Tongue Depressor

MAYO TONGUE DEPRESSOR

Types shape Flat with round ends

Stainless Steel(ASi410/420)

Surface Finish: Polish

Sterilization / Disinfection: Completely reusable and fully autoclavable.

Each instrument shall be embossed/etched with manufacturer's name, initials or recognized trade-mark and the words 'Stainless Steel' or letters 'ss'

Manufacturer should be ISO 13485 certified

Product should be CE/BIS approved

Child Size 140mm

Adult Size 200mm

6- Foreign Body Removal Forceps

Name: Alligator

Type: Forceps

Size: 5 1/2"

Surface Finish: Polish

Curvature: Straight Jaws with angled Shanks

Working Surface style: Horizontally Serrated

Material: Stainless Steel(ASi410/420)

Sterilization / Disinfection: Completely reusable and fully autoclavable.

Each instrument shall be embossed/etched with manufacturer's name, initials or recognized trade-mark and the words 'Stainless Steel' or letters 'ss'

Manufacturer should be ISO 13485 certified

Product should be CE/BIS approved

7- Otoscope

Diagnostic Otoscope rechargeable set is to be supplied in Leather / hard case preferably HIP (High Impact Plastic) with internal soft cushion material for easy portability and protection: **Yes**

Light source : **LED bulb**

Lamp Hour: 20,000 hours minimum /2years warranty of free replacement

Number of Spare bulbs to be provided along with the otoscope: 0

Speculum adapter to be provided: **Yes**

Number of sets of different sizes of Ear Specula to be provided along with otoscope: **2nos (One for Adult & one for pediatric)**

Disposable: No, **It should be reusable**

Removable Otoscope head : **Yes**

Rotatable lenses: **Yes**

Rechargeable handle: **Yes**

Provision for variable light intensity : **Yes**

CRI: Minimum 90

Color temperature: 4300K minimum

CONSTRUCTION/FUNCTIONAL FEATURES

Material of the device body: Medical Grade Stainless Steel/Medical grade ABS body

Instrument Head Matt-black from inside: **NA**

Fibre optics for Cool Light Transmission: **Yes**

Magnification: **3x/3.5x**

Wide angle viewing lens allowing instrument under Magnification: **Yes**

Provision of sealed system for Pneumatic otoscopy with detachable pneumatic bulb: **NA**

Voltage Rating of the bulb (Volts)(Min): **2.5/3/3.5**

Type of rechargeable battery: Li-ion/Ni-Cd/AA

Capacity of the Battery (mAh): **NA**

Battery Voltage(Volts): **2.5/3/3.5**

Continuous runtime of the battery (Minutes): **Minimum 60minutes**

Charger to be provided along with the device: **Yes**

Weight (gms): 200-300

STANDARD

Conformity to Standard : EU-CE/USFDA/BIS

Manufacturer Should be ISO13485 certified

8- Jobson Horn Probe

Jobson Horne Probe size: 5.5"

Features: double end one side screw and other side round loop.

Rust free sturdy construction for better grip.

A light-weight, flexible and strong.

Probes designed as a dual-purpose instrument with Curette loop at one end and a threaded section at the other for holding wrapped cotton wool.

Reduced patient trauma due to smooth edges.

Sterilization / Disinfection: Completely reusable and fully autoclavable.

Each instrument shall be embossed/etched with manufacturer's name, initials or recognized trade-mark and the words 'Stainless Steel' or letters 'ss'

Manufacturer should be ISO 13485 certified

Product should be CE/BIS approved

9- Tuning Fork

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

10- Noise Maker

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

11- Periodontal probe

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

12- Tooth Model

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

13-Torch

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

14- Tooth Extraction Forceps Set(Adult)

GENERAL FEATURES

Product description: Dental Forceps for extraction of tooth

Purpose : For dental extraction of tooth

Utility : Dental surgeries of Adult

PRODUCT INFORMATION

Items in Extraction forceps set:Upper anterior, Lower anterior, Lower molar (Right),Lower molar (Left), Upper molar (Left), Upper molar (right),upper premolar, lower premolar.

anatomically-designed beaks for a sure, effective grip:Yes

Thick and non-slip handle: Yes

Longevity and corrosion resistant material: Yes stainless steel (ASI 410/420)

Cleaning, disinfection and sterility:All instruments autoclavable

DIMENSIONS & MATERIAL

Minimum Handle length (Cm):10

Material of all instruments :Surgical Grade Stainless steel(ASI410/420)

Rockwell hardness (HRC):1

Tensile strength (Mpa): 1

STANDARD

Product conformity to standard : ISO 13485

Product should be CE/BIS approved

PACKING MODE

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

Packing: Each carrying case packed Individually

CERTIFICATIONS & REPORTS

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

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

WARRANTY

Minimum Warranty (yrs): 5 years replacement

15- Color Vision Chart

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

16- Near Vision Chart

Name of Tool :Lea Symbols Near Vision Card/ISIHARA Near Vision Chart

Type : "16 inches/40 centimeter Lea Near vision chart"

Objective :To fulfill the criteria to be a good vision for children by measuring near visual acuity

Use : "To assess the child's functional vision at near distances"

Utility: Pre-school children of 3 to 5 years age group

PRODUCT INFORMATION AND TESTING

"Front side of the Lea symbol cards printed with proportionally spaced (log MAR) lines" :Yes

"Back side of Lea symbol card printed with 25% and 50% spacing" :Yes

"The card contains very familiar 4 symbols like circle, square, house and apple": Yes

All optotypes should be similar legibility :Yes

Each line should have optotypes size ranging from 20/400 to 20/10 (6/120 to 6/3) equivalent :Yes

Detection of mild amblyopia is possible with closed spacing of the symbols on Lea symbol card :Yes

Test distance (cm) :40

Response key printed on the test card :Yes

"Includes Student response or training card and instructions" :Yes

Inclusive of conditioning flash card : Yes

Can be used as wall hanging :Yes

Material of the card: "Non-tear waterproof material"

Card size (cmxcm) :20.3x25.4

PACKING

Packing (including user instructions) :Packed in a wallet

CERTIFICATIONS

Certification Available :Yes

Manufacturer Quality certification (ISO)

Product approval certificate for Clinical Use

17- Snellen's Chart

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

Assessment distance 6m.

Size: 23 x 35.5 cm

18- Peak Flow Meter

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

Type: **Mechanical Peak Flow Meter**

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

Dual Flow Range: Accurately measures for both adults and children.Compact, lightweight and portable

Built-in flexible three zone management system

Easy- to- read numbers

Measurement Range 40-800 L/min

Accuracy and repeatability assurance

Washable **Standards**

EN ISO 23747: 2009 compliance

CE Approved/BIS

Manufacturer should be ISO 13485 certified

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

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

19- Stadiometer

Standards:Conformity to Stadiometer as per ICDS standards :**Yes**

Stadiometer designed to Measure Height of Adult and Children aged 24 Month and Above in Vertical Position :**Yes**

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

Precision for Stadiometer (cm) :**(+/-)0.1 cm**, Warranty (in Years) : **2**

Dimensional And Material Parameters

Unit of Measurement :**In Centimeters**

Measuring Length in vertical position of Stadiometer : **200 centimeter**

Width of board for stadiometer (cm) : **Approx. 5.5 cms**

Weight of the device (Kg): **4 kilogram or less**

Material of Board : **mild steel rust proof**

Additional Features

No part Should be Loose or Shaking During Transportation :**Yes**

Double sided graduation Parallel to Board for Easy Measurement :**Yes**

Stable connection assuring precise and accurate measurement :**Yes**

No need of calibration as all parts have prefixed position:**Yes**

Stadiometer should have Firm flat surface :**Yes**

Designed for heavy duty use in demanding conditions: **Yes**

Simple and fast set up, no tool (screw driver etc) required :**Yes**

Orientation of numerals on the measurement scale: parallel to the board :**Yes**

Stadiometer should have large foot plate providing extra stable base and smoothly gliding measuring slide/wedge : **Yes**

Stadiometer shall have Adjustable feet for stability on uneven or soft ground and also spirit level indicator to check flat surface : **Yes**

Fold-up Mechanism and low-weight, making it compact and easy to transport : **Yes**

Stadiometer shall be free from sharp edges and corners : **Yes**

Stadiometer shall have friction feature between board and measuring slide/wedge for preventing the latter from drooping when released: **Yes**

Durable, Resistance to excessive Humidity, High temperature resistant, water resistant and shock Resistant:**Yes**

Stadiometer supplied with :

1 Carry bag or carry case made of long lasting fabric, zipper closer

(ii) removable, adjustable shoulder/back strap(s) and

(iii) small side pocket for storage of operating instructions, loose parts and/or stationery material :**Yes**

Stadiometer supplied with Instructions for use, training, maintenance and trouble shooting in English, Hindi and any other regional language as per requirement, appropriately illustrated with pictograms :**Yes**

Packed in a carton box which should be of sturdy quality and provides adequate protection of the goods while in transportation :**Yes**

Model approval from Director (Legal Metrology) : **Yes**

Certificate number and date from Director (legal Metrology) Department :IND/--/--/--- DATED:--/--/20-

Type Test certificate including Environmental conditions from Regional Reference and standard laboratory (RRSL) : **Yes**

RRSL Certificate Number, date and address

Calibration from concerned weight and measurement controller ate to be obtained at the time of supplies : **Yes**

Model approval certificate, Type test and calibration certificate to be furnished if asked by buyer at the time of supplies:**Yes**

20- Digital BP Apparatus

Type Of SPHYGMOMANOMETERS or Blood Pressure recording unit: **Digital**

Conformity to Indian Standard for SPHYGMOMANOMETERS : **NA for digital**

Measuring device : **Automated**

Type : **Integrated**

ISI MARKED : **NA for digital**

Measurement Method : **Oscillometric**

Display for Digital BP instrument: **LCD(Liquid Crystal Digital) Display**

Range: Pressure measurement (mmHg): **0 to 300**

Range: **Pulse measurement for digital with accuracy $\pm 5\%$. (per minute) 40 to 200**

Accuracy: Pressure measurement (mmHg) : **+/- 3**

Pressure Detection : **Capacitive Pressure sensor**

Inflation Automatic Pressure Application by pump

Deflation and rapid Air Release : **Automatic Pressure Release Valve**

Cuff Range : **Medium (22-32)cm**

Cuff: **disinfect able one piece and bladder cuffs, tested according to ISO 105 EO1/ equivalent standard.**

Operating Temperature range : **0 to 55 degree Celsius**

Storage Temperature range : **(-10) to 55 degree Celsius**

Automatic power off if system is idle for 3 minutes : **Yes**

Weight (in gram): **230**

Power

Power Source: **AA size chargeable battery set**

Type of AA Size chargeable Battery (AA Size): **Alkaline/ Li-ion**

WARRANTY, CERTIFICATIONS, TEST REPORTS

Availability of Type Test Report covering complete test parameters as per IS3390 latest for Mercurial and IS7652 latest for Aneroid type, from any ILAC/NABL accredited/Central GovLAB For digital type including Environmental test from any ILAC/NABL accredited/Central Gov LAB : **Yes**

CE Marking Certificate for B.P. Apparatus Model. **Yes**

For Digital Sphygmomanometer ,Availability of Type test reports consisting of verification of all the features & functional parameters & environmental tests sequences as under:

a) Dry heat test (For 16 hours at a temp of 55degree C in accordance with IS: 9000/part-3/section-3/1977)latest : **Yes**

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

21- Aneroid BP apparatus

CONFIGURATION DETAILS

Type Of Sphygmomanometer: **Aneroid**

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

Measuring device : **Mechanical**

Type : **Portable**

Measurement Method: **auscultatory**

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

Range: Pressure measurement (mmHg) : **0 to 300**

Accuracy: Pressure measurement (mmHg) : +/- 3

Pressure Detection: NA

Deflation and rapid Air Release: Manual setting of deflation possible up-to 2/3mm Hg/sec. From 260mmHg To 15mm Hg in a maximum deflation time of 10 seconds

Cuff Range: **(22-32)cm**

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

Sterilization / Disinfection: The cuff should be disinfect able one piece and bladder cuffs, tested according to ISO 105 EO1/ equivalent standard.

Tube : Single rubber tubes used should have an internal diameter of 3 ± 0.5 mm and the external diameter should not be less than 8mm

Dimensions of the Equipment (mmXmm): NA

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

Operating Temperature range 0 to 55 degree Celsius

Storage Temperature range (-10) to 55 degree Celsius

Weight (in gram) : 150

WARRANTY, CERTIFICATIONS, TEST REPORTS

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

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

22-Lab Autoclave

Type of Sterilizer: **VERTICAL CYLINDRICAL Steam Sterilizer Pressure type Sterilizer Chamber size: 300 mm (Diameter) x 350 mm (Length), with**

Silicon door gasket (expansion type).

Electric load of the unit shall be: **2-3 KW.**

Steam supply to Sterilizer: Steam Generation by electrically heated using immersion heaters wired for operation on 1 phase wire 230 Hz AC supply [with immersion heaters having mineral filled sheathed heating elements conforming to IS: 4159/2002 duly BIS marked and complying with safety requirements as per IS : 302-2-201(1992)], it should work with 1 phase 220/230 V 50 Hz AC supply

Material: Sterilizer parts; Chamber, Jacket, Door, Door Ring and shall be made of SS 316/SS316L

Type of control: Manual

Provision of Lock on Steriliser Chamber door: Manual Lock

Display facility for Sterilisation Cycle parameters : Manual pressure Gauge Steam & vacuum release valve

Warranty Period: 3 year

Pressure, Steel & Spore Test Certificate from a Govt/NABL/ILAC approved testing laboratory shall be furnished by Seller to Buyer for the offered Product should be CE/BIS approved

Conformity to standard for electrical safety latest amendment : IEC - 60101

Manufacturer should be ISO13485 certified

23-Urine Analysis(DIPSTICK)

Specification of DIPSTICK:

Dipsticks for urine test for protein and sugar (*1 container of 100 strips*)

Product: **Urine Test Reagent Strips**

Purpose: **To determine pathological changes in a patient's urine in standard urinalysis**

The entire reagent strips should be disposable: **Yes**

Each strip should be stable and ready to use upon removal from the bottle: **Yes**

➤ Urine Reagent Strips provide tests for the following parameters:

1. Glucose
2. Bilirubin
3. Ketone (Acetoacetic acid)
4. Specific Gravity
5. Blood
6. pH
7. Protein
8. Urobilinogen
9. Nitrite
10. Leukocytes
11. Ascorbic Acid in Urine.

- The Urine Reagent Strips should be packaged along with a drying agent in a plastic bottle with a cap to provide complete air tight.
- Each strip should be stable and ready to use upon removal from the bottle.
- The entire reagent strip should be disposable.
- Results are obtained by direct comparison of the test strip with the color blocks printed on the bottle label.
- All the reagent strips should be withstand at a room temperature between 15°-30°C (59°-86°F) and out of direct sunlight.
- The minimum self-life of the urine strips should be 1year unopened and minimum 3months once it is opened.
- The required controlled shall be provided along with the strip packet.
- The strip pack sizes should be of 100 sizes.

Quality Standards:

- Availability of Test Report from Central Govt/NABL/ILAC accredited Lab to prove the conformity to the declared specification (Proof of the same to be submitted to buyer on demand) : **YES**
- Availability of Valid Drug License from the appropriate Drug Authority defined under Drugs and Cosmetics Act, 1940(Proof of the same to be submitted to buyer on demand) For Manufacturing Urinalysis Strips, For Sale or Distribution of Urinalysis Strips
- Drug License Number: To provide
- Drug License date : To provide
- ISO 13485/ ICMED 13485 Certified Manufacturer (Proof of the same to be submitted to buyer on demand): **YES**
- CE(IVD) /BIS approved
- Manufacturer should be ISO 13485 certified

24- Incubator

Conformity to Standards:CE/BIS

Conformity to standard for for electrical safety latest amendment :IEC - 61010

Performance Parameters

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

Type of Incubator: Bacteriological Incubator

Capacity in liters: 20

Material of Inner Chambers: SS 304

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

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

Temperature Accuracy in °C: $\pm 0.5^{\circ}\text{C}$

Temperature Uniformity in °C : $\pm 2^{\circ}\text{C}$

Insulation :Glass wool

Controller :Microprocessor based PID control

Digital Display of temperature in °C : Yes

Type of Display : LED

Type of Temperature sensor : PT100

Power supply : 220 V , 50 Hz Single Phase

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

Type of Shelves :Removable

Material of Shelves :SS wire mesh

Number of shelves: 2

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

Weight in kgs:NA

Auto power break off: No

Over temperature protection: Yes

Safety alarm system : Yes

Instruction manual to be provided :Yes

Warranty in Years : 1

Standards

Manufacturer should have ISO13485 certification: Yes

Copies of all certifications and reports to be provided to buyer on demand at time of supplies: Yes

Product should be CE/BIS approved


Chief District Medical & Public Health Officer
Kandhamal

25-Micro Pipette

Clinical purpose: Pipettes are most appropriate tools for drawing & dispensing of samples for users in the field of clinical diagnostics, control analysis and other areas.

Technical Specification:

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

Quality Standards:

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

26-Needle Destroyer

GENERAL Purpose :To destroy the used injection needles by instant electro melting process and to cut syringe tips manually using the appliance, Type: Portable and electrical

Principle of operation : Electro-melting type

CONSTRUCTION

Suitable sliding tray shall be provided for collection of residue and destroyed syringe tips :yes

Material of the Housing /enclosure : ABS Plastic

Housing/enclosure shall be moulded type and shock proof: yes

Provision to burn the needles and to cut the syringe tips shall be provided in the unit : yes

Manual cutter provided in the equipment Made of hardened blade of anti-corrosive SS material

Transformer winding :Copper

Number of needles of 1mm dia and 80mm length that can be destroyed in continuous operation of 5 minutes:50

Sizes of injection needles of all kinds which can be destroyed : Dia Ranging from 0.4mm to 1.6mm (26 SWG to 14 SWG) with length 12.5mm to 80mm

Power supply :207V to 253V,50Hz AC supply

Power ON/OFF switch with indicator shall be provided :YES

Rated power(Watts): 60 Watt

Shall be provided with fuse and power cord of min 3m length and earthing point :YES

Manual of usage instructions : To be supplied by the supplier

Manufacturer should be ISO-13485

Comply in general to IS:302Pt-1/1979 to ensure safe and reliable operation in normal use:YES

Occupational health and safety certification from approved bodies as per OHSAS 18001-2007 :YES

CE /BIS Certification from approved bodies : Yes

27- Centriguge-8 Tubes

Performance Parameters

Purpose: Separating Serum from blood or for urine sedimentation

Centrifuge Design: Bench Top

Weight including Default Rotor in kg: NA

Auto cut off: Yes

Timer provided: Yes

Maximum RPM : 3000-3500

Number of steps for RPM variation: In steps /Continuous

Incremental Steps of Variable RPM : 300-400

Type of Motor: Brushless (without carbons)

Maximum Noise level when working at 1 meter distance in db : 50

Ambient operating Temperature range in Degree centigrade Celsius and humidity range 0 to 50 degree centigrade and Relative humidity 15 to 90%

Rotor imbalance diagnostics and automatic stop if required: Yes

Facility to ensure that In case Machine is running and lid is opened with manual lock by user , machine shall stop: Yes

Maximum Timer Set range: 60 minutes

Timer settings Provided: interval of 10 seconds up to 1 minute and over 1 minute up to 60 minutes in interval of 1 minute: NA

Display: LED /LCD

Speed Controller: Microprocessor controlled preprogrammed speed controller

Speed Control: Accuracy in case of set speed (Plus minus RPM)

Rotor configuration: Swing Out Rotor

Rotor Feature with reference to Autoclavability: Autoclavable Rotor @ 121 Degree Celsius,

Maximum Volume of the tube testable: 15 ml centrifuges tubes

Rotor Size: 8X15ml

Power supply : Single phase, 230 V 50 HZ AC Source

Power consumption in watts: 500Max

Length of Power cord in meters 2

The Equipment shall be installed and demonstrated before Acceptance installation and demonstration: Yes

Accessories: Spanner to tight or loose Nut of Rotor on Motor shaft head puller, spare rotor nuts ,fuse-2,

Warranty in Years :3

Material Parameters:

Assembly Material for manufacture of Medical Centrifuge: Consists of Die cast Aluminum, Aluminum sheet, Stainless Steel, CRC Steel, Plastic and Rubber

Lid Material of Medical Centrifuge : mC.R.C Steel Finish with Powder Coating or stove painting / ABS Plastic of injection molding

Body Material of Medical Centrifuge: C.R.C Steel Finish with Powder Coating or stove painting / ABS PLASTIC OF injection molding

Centrifuge Bowl material of Medical Centrifuge: 304 Quality Stainless Steel Molded

Material of Rotor: Aluminium

Standard:

ISO13485 certification for Manufacturer: Yes

Copies of all certifications and reports to be provided to buyer on demand at time of supplies : Yes

Product should be CE/USFDA/BIS approved


Chief District Medical & Public Health Officer
Kandhamal

28- Binocular Microscope

Microscope Type: laboratory binocular non-hinged type with built in light and with light intensity regulator , Conformity to Indian Standard: Research IS:5204 latest, ISI MARKED:NA

Eye piece Type : Compensating

Binocular Eye pieces Confirming to the requirements of IS: 8275/1976 (latest) :Yes

Eye Piece with magnification :Set of Two For Binocular 10x

Objective Type :achromatic

Objective Magnification:100X,40X,10X,4X

Numerical Apertures of Objective: 1.25

Type of lamp for Illumination :LED

Plano Concave mirror attachment:Yes

Stage: Rectangular

Size of Stage : 76 X 40 MM/Standards Size

Coarse and Fine Movement of stage: Yes

Co-axial focusing :Yes

Micrometer Arrangement :No

Extra eyepieces (inclusive in the scope of supply) : NA

Carrying case (inclusive in the scope of supply):Yes

Warranty :2 year

CERTIFICATION

Availability of Test Report from Central Govt/ NABL/ILAC accredited lab to prove conformity to specification: No

Test Report No and Datem : N.A.

Name and Address of the Lab : N.A.

Manufacturer Should be ISO13485 certified

Model should be CE/USFDA /ISI approved

29- Shoulder Wheel, Over Head pully, Shoulder ladder

Shoulder wheel, Overhead pulley, Shoulder ladder (set)

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.

30- Walker

Product type: Frame type, foldable walker

Purpose: Walking training device for improving postural alignment while walking, overcoming muscular skeletal impairments and for improving mobility anterior support with less energy consuming

Usage :Youth& OLD

PRODUCT INFORMATION

Posture control possible: **Yes**

Light weight: **Yes**

Wiped clean with a damp cloth: **Yes**

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

Foldable for easy storage and transportation: **Yes**

Anterior support: **Yes**

Forearm Supports with latex free flanged hand grips: **Yes**

DIMENSIONS, MATERIAL & WEIGHT

Material frame: Stainless steel tubular frame

Height of walker with standard wheels (cm) :**NA**

Height of walker with activity wheels (cm): **NA**

Distance between hand grips (cm): 34

Frame width (Cm) : 58 to 60

Frame length (cm) : 52-59

Maximum user weight (kg): 100

Frame weight (kg) : 2.5 to 3.0

PACKING MODE

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

CERTIFICATIONS & REPORTS

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

Certification Available: ISO for manufacturer

Product should be CE/ BIS approved

WARRANTY:1year

31- Cervical traction (manual)

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

Cervical traction Kit includes the following:

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

Controlled continuous traction

Easy removal and application

Reduced frictional losses

Durable and sturdy for a long life and multiple use.

Can be used in sleeping posture. Pulley is ergonomically designed to fit any bed side. Soft padded head halter provides a comfortable interface for the traction, is easy to wear and use.

Manufacturer should be ISO13485 certified

Product should be CE/BIS certified.

32- Exercise Bicycle

- i) Tubular steel frame on properly balanced legs with four rubber tips
 - ii). Fitted with one hard rubber type wheel, standard chain and a socket
 - iii). Seat should be adjustable
 - iv). Should be fitted with a ball bearing resistance roller which permits controlled movement in riding
 - v. LCD/LED display with speedometer.
 - vi. Warranty: 3 Years
- Manufacturer should be ISO13485 certified
Product should be CE/BIS certified

33- Lumber Traction manual

It strengthening broken bones, immobilization or relieving pressure on the skeletal system.
Composition:
Universal type
Includes pelvic belt, spreader bar & 3 meter long cord.
It contains traction water and sand weight bag
traction pulley bracket
the pelvic traction bel
traction cord and 8 kg weight.
Manufacturer should be ISO 13485 certified
Product should be BIS/CE approved

34- Gait Training Apparatus/ Parallel bar

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

Technical Specification

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

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

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

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

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

The uprights are to be fitted on a 1 1/2" thick hard plywood base water and termite resistance. Both end of this platform should be curved slope for obstruction free. The platform should be stain finish. Both the end of the plat form should have two anti-slip threads for none skidding.

Safety treads at both ends of platform should be provided for safety of the patient when take turn.

Models make it safer for patient to turn

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.

35- Hydro Collator Unit

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

Technical Specification:

- Water tank made up of Stain less steel inner & outer Cabin (20-25 Gauge thickness)
- High grade thermally insulated
- Static/Movable base
- Top lid of stainless still, thermally insulated with Fibre handle.
- Product Type:Table Top
- Dimensions: NA
- Tank capacity: 10- L
- Temperature range: 50-90 degrees Celsius
- Thermostatic temperature control (50 - 90 degree C) - Auto cut-off
- Thermal cut-out temperature
- Temperature accuracy: +/- 10%
- Heat-up time to 90 degree Celsius: in 3 hrs.
- Cool-down time from 90 degrees Celsius: 2 hrs.

Power supply

Mains power: 220-230 V, 50/60 Hz

Power consumption: 1000Watt

Safety Standard

Electrical safety class: Class 1, type B

Safety tests: Conforms to IEC 60601-1

Quality Standard:

The model should be CE/BIS approved.

The manufacturer should be ISO13485 certified

Accessories must include:

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

36- Traction Bed

i Traction Bed – 4 Fold

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

iii. For horizontal cervical and lumbar traction.

Should have complete with Storage Shelf & a Flexion Stool

Manufacturer should have ISO certified.

Product should be CE/BIS Certified

37- Lumbar & Cervical Traction with Bed

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.

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

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.

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.

38-Interferential Current Therapy Unit (Combo)

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.

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

Power Supply:

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

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

39- Transcutaneous Electrical Nerve Stimulation (TENS)

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.

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

Power Supply:

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

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

40-Muscle stimulator unit (FC/GC)

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.

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,

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

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.

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

Power Supply:

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

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

41- Therapeutic Ultrasound Unit(Dual Frequency)

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.

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 there on completion of the treatment.
- Digital LCD display to indicate the output in w/cm² and other required services.
- All settings should be provided using touch panel.
- Both the transducer should be high quality water and impact resistant.
- The beam type :Divergent/Collimated
- Transducer: The Effective radiating area should be of 0.5 to 0.8mm for 1MHz and 0.4 to 0.6mm for 3MHz.
- The Beam Non uniformity Ratio (BNR) for both the transducer should be 4-6.
- With attached trolley

Power Supply:

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

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

42- Shock wave Therapy unit

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.)

Technical Specification:

It should be a table top model:

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.

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

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

Power Supply:

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

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

43-Therapeutic Laser Unit (Physiotherapy)

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

Technical Specification:

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

ACCESSORIES:

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

Power Supply:

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

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

44-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

45-Paraffin Wax Bath Unit

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.

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.

Power Supply:

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

Quality Standard:

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

46-Short wave diathermy unit (500W) for Physiotherapy

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.

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.

Power Supply:

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

Quality Standard:

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

47-Vacuum Therapy Unit

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.

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

Power Supply:

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

Quality Standard:

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

48-Knee and Hip Auto Passive mobilise

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.

Technical Specification:

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

Power Supply:

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

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

49-Shoulder, Elbow and Wrist auto passive mobiliser

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.

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 Dorsal flexion plus radial deviation (range : 0-80 deg for the adult and paediatric patient).
- Gear mechanism for continuous operation.
- Can be used for both left and right portion of the patient.
- Must be well cushioned for comfortable feel.
- Should have adjustable for range of motion
- Provided with patients safety switch.
- Treatment timer : 0 to 60 min
- Features for Up & Down control limit button to control reverse direction movement
- Range of motion delay (For each movement pattern) : 5,10,15,30,45 sec
- Range of motion delay (For each movement pattern: 5,10,15,30,45 sec

Power Supply:

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

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

50-Parallel Bar

Clinical Use:

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

Technical Specification

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

Minimum dimension of the structure:

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

51-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.

52-Adult Trampoline

Clinical use:

Use for coordination training of Parkinson, tabes dorsalis and vestibular rehabilitation.

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 30alvanized steel frame.
- Maximum user weight 200kg
- Height of the mat above ground minimum 1feet
- 5-6 legs U shaped legs.
- 65-70 springs

Quality specification :

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

53-Tilt Table (Electrical)

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.

Technical specification:

- It should function like an electric operated table with vertical to horizontal tilt is achieved with an easy-to-turn.
- Crank is angled to provide leverage for maximum lifting efficiency.
- The table should have three positioning (0-90 degree) straps for security on raising the patient.
- Should have minimum28" wide surface with an extra-wide footboard (20"W x 18"D),
- Minimum 2"-thick high-density (40) foam/Moulded foam padding.
- Made of heavy-duty steel frame with vinyl upholstery.
- Surface area: 28"Wx 78"LLx 33"H (approx.). approximate
- The table should be operate on 230Volt, 50Hz AC electricity supply

Standard Quality

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

54-Manual therapy Bed unit

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

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.

55-Wage Board

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.

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.

56- Therapeutic Mat

Clinical use:

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

Technical Specification

- Made of good quality foam of minimum density of 40kg/cm³
- The thickness of the mattress should be 4"
- Dimension: 6.5ft (L) 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 manufacturer should be ISO certified.

Chief District Medical & Public Health Officer
Kandhamal

46

57-Adult Roller & Balance board (wobbles' Board)

Clinical use

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

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.

58-Foot Bath Unit

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

59- 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.

60-Quadriceps training unit including weight cuffs & dumbbells

Clinical Use:

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

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)

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)

61- Hand rehabilitation Therapy unit

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

Technical specification:

- Hard-wood table with laminated top, size 25" x 35" x 30" high.
- Fitted with 6 pulleys in a steel frame. Leather loops and nylon cord passing through the pulleys with adjustable hanging weight underneath for Fingers Hand, Wrist and Forearm exercises.
- Especially for Metacarpo-phalangeal & Inter-phalangeal joints.
- Provided with Supinator/Pronator and Wrist-Circum-duction wheel for Wrist exercises.
- Comes with Five sets of weights, each set consists of 5 weights of One each of 100, 200, 300, 400 and 500 grms.
- Attached hand gym kit board on table top. Which have following features
 - Laminated exercise board with storage drawer,
 - Have several holes to fix Pegs and Springs.
 - Comes with One finger Disc, One Roller, Three Spring loaded Knobs, 3 Aluminium pegs and 3 Sets of Springs of different tensions.
 - The unit permits active flexion and extension exercises of the finger and grip.
- Therapy Putty: FIVE packs of 450gm each in five different resistances.
- Medicine Ball Set: FIVE balls, 1, 2, 3, 4 & 5kg.

62-Thera bands /Elastic bands (Flat type)

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

Technical specification:

- With each roll of 15cm wide x 5 meter long bands. Full Set of Five rolls come in following FIVE resistances for adult use.
- (a) Light: Yellow.
- (b) Medium-Light: Red.
- (c) Medium-Heavy: Green.
- (d) Heavy: Blue.
- (e) Extra-Heavy: Black.

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.

63-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

64-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.

65-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.

66-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

67-Plumb unit

- Metallic plum with nylon thread

68-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

69-Inch tape

- Spring controlled.
- The measuring tape should be
- The measuring tape made of woven fabric.
- It should be cleanable .Measurement range - 6 foot
- The tape should have both inch and centimeter scale.
- The calibration certificate should be provided.

70-Skin fold measurement Caliper

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


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71-Salt Test KIT

General Description :

Iodised salt test kit, for measuring iodine content of salt fortified with potassium iodate (KIO₃).

Technical Specifications:

Kit contains:

- a) Test solutions, 10 ml ampoules/vials with 2 white caps
- b) Recheck solution for identifying false negatives (for alkaline samples), 10 ml ampoules/vials with red cap - 1.
- c) Salt holder (standardized plastic measuring sample) - 1.
- d) Instruction leaflet(s) - 1.
- e) Color chart- 1.
- f) Safety pin for opening the ampoules - 1

Color chart shall enable to distinguish iodine concentration of salt at three by comparing the reference color and the color of salt after adding test solution.

The color should be visible in a few minutes (< 1-2m minutes), i.e. with an end point of 1-2 minutes.

Color chart shall have a clear indication of the ppm scale i.e., 0 ppm, less than 15 ppm and equal or more than 15 ppm.

The colour is visible after a few minutes (<2 mins).

Packing and labelling:

Iodine test is contained in a kit with a tight screw cap on the test solutions.

Shelf life:

Minimum of 18 months


District Medical & Public Health Officer
Kandhamal

51

72-OVE KIT (Oral Visual Examination Kit)

The KIT contains the following items

- **Mouth Mirror:**
2 pieces to provide indirect vision to retract lips, cheeks & tongue to reflect light onto the mouth. Accurate image from flat surface mirror, image magnifying with concave mirror.
Size 14mm-22mm of plane size , stainless steel , fog free with flat/round ribbed handle. The mirror shall be made of fiberglass & the handle shall be made of stainless steel 410/420 grade
- **Hand Gloves:**
Latex Rubber Gloves (sterile)(100 pcs per pack)
- **LED Focusing Torch:**
LED focusing torch chrome/steel ribbed body (medium size) with battery
- **Wooden Spatula (Disposable Tongue Depressor) :**
6 inch in length , thin wooden blades ,smooth & rounded at both end .In single sterile pack.(100 pcs/pack)
- **Bag for carrying above items:**
Good Quality bag for storing the above items with branding "OVE KIT" with logo

73-VIA KIT (Visual Inspection with Acetic Acid Kit)

The KIT contains the following items

- **Cotton Swab :**
Sterile and 100 swabs per packet (Zipped)
- **Distilled Water :**
1 ltr Bottle
- **Acetic Acid 5%:**
Glacial Acetic Acid 100ml bottle
- **LED Focusing Torch:**
LED focusing torch chrome/steel ribbed body (medium size) with battery
- **Cusco's Speculum :**
Vaginal Speculum-Cusco Medium & Small
Stainless Steel 410 grade
- **Glass Slide :**
1 packet of 100 slides
- **Hand Gloves:**
Latex Rubber Gloves (sterile)(100 pcs per pack)
- **Bag for carrying above items :**
Good Quality bag for storing the above items with branding "VIA KIT" with logo