



(ଓଡ଼ିଆ ପ୍ରକାଶ)

**Terms and Conditions for Supply of Equipment &  
Instrument and furniture for CHS, NUHM-  
Rourkela**

**Additional District Urban public health officer,  
Rourkela  
(on rate contract basic for one year)**

Tel / Fax: 0661-2501100

E-Mail-cpmunhm.rkl2@gmail.com

**TENDER DOCUMENT FOR SUPPLY of  
EQUIPMENT & INSTRUMENT AND FURNITURE**

LAST DATE & TIME FOR SUBMISSION OF : 28/01/2022 upto 5 P.M  
TENDER DOCUMENT

DATE & TIME FOR OPENING OF : 29/01/2022 at 11.30 AM  
TENDER DOCUMENTS

PLACE OF OPENING OF TENDER

Office of the Municipal Commissioner,  
Rourkela Municipal Corporation,  
Rourkela

ADDRESS FOR COMMUNICATION  
AND  
RECEIPT OF BID DOCUMENT

Office of the Additional District Urban  
Public Health Officer, Rourkela  
City Programme Management Unit,  
NUHM Rourkela, Sub divisional  
Hospital, Panposh, Rourkela-769004



**OFFICE OF THE ADDITIONAL DISTRICT  
URBAN PUBLIC HEALTH OFFICER, ROURKELA  
CITY PROGRAMME MANAGEMENT UNIT, NUHM**  
(Department of Health & Family Welfare, Govt. of Odisha)



Letter No: -...170..... / CPMU-NUHM- RKL/ 2021-2022

Date: 07.01.2022

(ଓଡ଼ିଆ ପ୍ରକାଶ)

**TENDER CALL NOTICE**

Sealed Tenders are invited from the Reputed Manufacturers/importers / Authorized Distributors/firm having valid license, EPM & GEM Rate contract Firms for supply of the Lab Reagents & Consumables and Equipment & Instrument and furniture for Rourkela during the year 2021-2022 **The rate should be quoted including all taxes.** The supply should be door delivery & no freight charges should be borne by this Office.

The tender proposals should reach to the undersigned on or before 28/01/2022 and the same will be opened on dated: 29/01/2022 in the office chamber of the **Municipal Commissioner, RMC Rourkela** in presence of the tenderers or their authorized representatives. The authority reserves full rights to accept or reject any or all tenders without assigning any reason thereof.

**1 Eligibility Criteria for participating in the tender process:**

**1.1 Manufacturing units / Importers are eligible to participate in the tender provided, they have:**

- (i) Valid manufacturing license of the manufacturer / Import License of the Importer.
- (ii) Valid ISO certificate (as applicable with reference to the technical specification of each item.)
- (iii) Valid USFDA/BIS/CE/IEC certificate (as applicable reference to the technical specification of each item).

**1.2 Authorized distributors on behalf of the manufacturer are eligible to participate in the tender provided they have fulfilled the following condition:**

- (i) Valid manufacturer's authorization or power of attorney to transact business on behalf of the manufacturer as per the format at Annexure – V only.
- (ii) The authorized distributor will have to submit following documents of each manufacturer.
- (iii) Copy of Valid manufacturing license / Import license of each manufacturer/Importer.
- (iv) Valid ISO certificate of each manufacturer (as applicable).
- (v) In case of Distributor supplying different products manufactured by different manufacturers, then the authorized distributor has to submit authorization from each manufacturer as per annexure – V.

**1.3 The Bidder should have 3 Years market standing in supply of items to Govt/corporate/PSU hospitals in India, copy must be submitted with the tender.**

**1.4 Annual Average Turnover :**

In case of: Manufacturers/importer Rs. 50 lakhs or more

Authorized Distributor/Firm Rs. 25 lakhs or more in the last three (3) financial years (2018-19,2019-2020 and 2020-21)

**1.5 Manufacturing unit who has been blacklisted either by the Tender inviting authority or by any state Govt. or Central Govt. organization for the quoted item is not eligible to participate in the tender during the period of blacklisting.**

**2) Receipt of Tender**

The sealed tender must be sent through Regd. Post/Speed Post/ Courier Services only.

*dr*



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**3) Tender Cost**

The Bidders have to download the Tender Documents directly from the Website available at [www.sundargarh.nic.in](http://www.sundargarh.nic.in). The Tender Paper cost fee of Rs.2000/- by way of separate Bank Draft drawn in favor of "CITY HEALTH SOCIETY NUHM ROURKELA" payable at Rourkela.

**3) E.M.D**

3.1 The tenderer is required to submit the earnest money deposit amounting to Rs.20,000.00 (Twenty thousand) only in shape of bank draft from any nationalized bank in favour of "CITY HEALTH SOCIETY NUHM ROURKELA payable at Rourkela .

3.2 The E.M.D of the unsuccessful bidder will be returned only after finalization of the tender.

3.3 The E.M.D of the successful bidder on receipt of the Performance Security.

3.4 The E.M.D will be forfeited if the successful bidder will refuse to supply the indented items.

**4) Performance Security**

**Performance Security:** The selected firm should submit the performance security in shape of account payee demand draft from a Nationalized Bank in favour of City Health Society NUHM Rourkela equal to the amount of 5 % of the purchase order value of the items within 7 days of issue of the purchase order & will be returned back after completion of warranty period.

**5) Terms & Conditions**

5.1 The bidders are to submit their tenders in separate sealed covered envelopes for technical bid & price bid by superscribing Cover 'A' (Technical Bid) & Cover 'B' (Price Bid) and both the covers should be put into a third cover , which should be superscribed as 'TENDER FOR SUPPLY OF EQUIPMENT & INSTRUMENT AND FURNITURE for CHS,NUHM Rourkela

5.2 Tenders shall be opened on due date and time as mentioned above in case the scheduled date is declared as Govt. holiday then such date shall automatically shifted to next working day.

5.3 The price bid will be opened only those bidders who have qualified in the technical bid & should be submitted as per format with signature & Seal.

5.4 The rate will be valid up to one year from the date of approval.

5.5 The price quoted by the bidder must not exceeds the controlled price if any fixed by the Central Govt/State Govt/GEM and MRP.

5.6 The selection will be made considering the quality & cost of the product as well as the decision of the Purchase committee.

5.7 Preference will be given to the MSE/SSI units of the state of Odisha as per MSME Development Policy -2009 and IPR-2007.

5.8 In case of any tender amendment and clarification, responsibility thereon lies with the tenderer to collect the same from the Web site before the last date of submission of tender & purchaser shall have no responsibility for any delay/omission on part of the tender.

5.9 Order will be given at the time of non-supply from OSMCL and as per the requirement as well as availability of funds.



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**6) Documents to be submitted with the Technical Bid**

- Copy of manufacturing /importer /Authorized distributor licence as required in point A & B above.
- Copy of PAN Card of the Manufacturers/importers / Authorized Distributors/firm .
- Copy of GST Registration & last GST Return along with last GST deposit challan.
- Copy of Proof of Annual Average Turnover ( In case of: Manufacturers/Importer Rs. 50 Lakhs or more  
Authorized Distributor/Firm Rs. 25 lakhs or more in the last three (3) financial years (2018-19,2019-2020 and 2020-21) duly certified by a chartered accountant.
- Copy ITR return file and Audit Report (audited financial statement) for last three financial year (2018-19,2019-20,2020-21)
- Proof of supply of the quoted instruments (any) (s) to any Govt. organization / Corporate Hospitals / PSU Hospitals / UN Agencies.( have to submit work orders only)
- Manufacturer must be an ISO certified organisation. Xerox copy of valid ISO certificate should be attached & the product should be WHO/GMP approved.
- The bidder is required to provide a self declaration in an affidavit (as per annexure -1) that he has not been black listed by any Govt. organisation & he has gone through the tender document carefully and shall accept all terms and conditions of the document.

**7) Supply**

- (i) The supply should be door delivery within 30 days from the date of issue of the purchase order to meet the emergency need.
- (ii) All the items should be packed as per the unit pack size as mentioned in the price bid, no loose items to be accepted.
- (iii) The supply should be in less no of batches with remaining shelf life of at least 5/6<sup>th</sup> of the stipulated shelf life from the date of manufacturing of that product.
- (iv) The Authority will also do random tasting of the supplied items in approved laboratory for which quality testing, packing, forwarding charges if any will be borne by the supplier.

**8) Payment :** 100% payment will be released only after completion of the supply with in Stipulated time and after submission of Original Invoice with copy of Delivery challan and installation certificate (if installation required)

**9) Liquidated Damages:**

The supplier will be charged for delay in supply a liquidated damages of 0.5% of purchase value per week or part there of maximum up to 10% of the purchase value.

**10) Cancellation of Contract for Default:** If The supplier Fails to deliver any or all of the stores within the time period(s) specified in the contract, or any extension thereof granted, the contract or work order stand cancelled .





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**11) COMPREHENSIVE WARRANTY:**

(Undertaking as per Annexure – XI)

- i. The comprehensive warranty will remain valid as mentioned in the technical specification of each item from the date of installation & commissioning of the equipment/Instrument. The original copy of warranty documents will be submitted to the consignee after installation.
- ii. The warranty will cover all the parts of the machine or item and any replacement or repair required within the warranty period will be provided by the supplier with free of cost at the destination point (installation point). The supplier will take back the replaced parts / goods at the time of their replacement. No claim whatsoever shall be on the purchaser for the replaced parts / goods thereafter. No travelling allowances or transportation cost will be paid by the purchaser during the warranty period.
- iii. The Supplier shall warrant that the Goods supplied under this contract are new, unused, of the most recent or current models and they incorporate all recent improvements in design and materials. The Supplier shall further warrant that all Goods supplied under this contract shall have no defect arising from design, materials or workmanship or from any act or omission of the Supplier that may develop under normal use of the supplied Goods in the conditions prevailing in the place of final destination.

**12. EVALUATION:**

- i. *The rates of the item quoted by the tenderer who qualify technically will be evaluated after taking the following points into consideration: -*
  - a) Rate quoted including all taxes and charges like excise duty / customs duty, transportation, insurance, packing & forwarding , comprehensive warranty (as applicable in Years), cost of turnkey (cost of accessories if any for installation /commissioning) and GST.
  - b) The warranty period in years will be also taken in to consideration while evaluating the price.



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**LIST OF ITEMS**

Sl No	Equipment & instrument	Unit Of Measure
1	SEMI AUTO ANALYZER FOR BIOCHEMISTRY	In number
2	B P INSTRUMENT (MERCURY FREE DIGITAL)	In number
3	STETHOSCOPE	In number
4	HAEMOGLOBINO METER (DIGITAL)	In number
5	ADULT WEIGHING MACHINE (DIGITAL)	In number
6	INFANT WEIGHING MACHINE	In number
7	THERMOMETER (DIGITAL)	In number
8	STADIOMETER	In number
9	Fetal Doppler	In number
10	DRESSING TABLE	In number
11	DENTAL CHAIR	In number
12	Tooth Extraction Forceps Set(Adult )	In number
13	MOUTH MIRROR	In number
14	TOOTH MODEL	In number
15	ADULT ROLLER & BALANCE BOARD	In number
16	SHOULDER WHEEL,OVERHEAD PULLY & SHOULDER LADDER	In number
17	CERVICAL CUM LUMBER DIGITAL TRACTION MACHINE WITH BED	In number
18	THERA BAND / ELASTIC BAND & GRIP EXERCISER	In number
19	PARAFFIN WAX BATH	In number
20	Computerized IFT ,MST,TENSE COMBO	In number
21	ULTRASOUND THERAPY MACHINE	In number
22	Portable X-Ray Machine for Dental	In number
23	PLASTIC FOLDABLE TABLE	In number
24	PLASTIC CHAIR Set of 2	In number

Specification as per Attached annexure

Memo No. 171

Copy to the Office Notice Board, Rourkela Municipal Corporation, Rourkela/ SDMO, Sub-Divisional Hospital, Panposh, Rourkela/ Additional District Magistrate, Rourkela for general publication.

Additional district Urban  
Public Health officer, Rourkela

Date: 07/01/2022

Additional District Urban  
Public health Officer, Rourkela.



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Memo No. 172

Date: 04/06/2022

Copy Submitted to the Municipal Commissioner, RMC, Rourkela for favour of information.

Additional District Urban  
Public health Officer, Rourkela.

Date: 04/06/2022

Memo No. 173

Copy Submitted to the CDM&PHO Sundargarh for favor of information.

Additional District Urban  
Public health Officer, Rourkela

Date: 04/06/2022

Memo No. 174

Copy submitted to the Mission Director, NHM, Odisha for favor of information.

Additional District Urban  
Public health Officer, Rourkela



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**TENDER FORM  
PART-I  
(TECHNICAL BID)**

Name of the firm / agency (Proof of Registration to be Submitted)	
Address of the Firm / Agency	
Name of the authorized Contact person	
Email of the authorized contact person	
Contact details of the authorized person	
PAN Card No of the organization (Firm/Agency/Proprietor). Copy to be attached	
Copy of GST Registration certificate along with GST Return & GST deposit challan	
Copy of valid ISO certificate should be attached & the product should be WHO/GMP approved.	
Copy of Proof of Annual Average Turnover As per point 6(As applicable)	
Copy of up to date IT return certificate of the F.Y 2018- 19,2019-20 & 2020-21 and copy of Audit Report (audited Financial statement) for the F.Y 2018-19,2019-20 & 2020-21	
Proof of supply of the quoted instruments (any) (s) to any Govt. organization / Corporate Hospitals / PSU Hospitals / UN Agencies. ( have to submit work orders only)	
Manufacturer must be an ISO certified organization. Xerox copy of valid ISO certificate should be attached & the product should be WHO/GMP approved.	
Affidavit (Notary/Executive Magistrate) of non-black listed Firms for execution of Govt. similar works. As per Annexure: B	
Price for bidding document Rs. 2000/- in the form of Bank Draft in favor "CITY HEALTH SOCIETY NUHM ROURKELA" payable at Rourkela and EMD of RS.20,000/- in the form of Bank Draft in favour "CITY HEALTH SOCIETY NUHM ROURKELA" payable at Rourkela	

Signature of the bidder:

Date:

Name & Address of the Firm:







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**DECLARATION FORM  
ANNEXURE-I**

I /We .....having  
My/our.....office  
at.....do declare that I / We have  
carefully read all the terms & conditions of tender of the \_\_\_\_\_, Odisha for the  
supply of Lab Reagents and consumables for CHS,NUHM Rourkela,sundargarh district. The  
approved rate will remain valid for a period of one year from the date of approval. I will abide  
with all the terms & conditions set forth in the tender paper Reference no.

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

I/We agree that the Tender Inviting Authority can forfeit the Earnest Money Deposit  
and or Security Deposit and blacklist me/us for a period of 5 years if, any information  
furnished by us proved to be false at the time of inspection / verification and not  
complying with the Tender terms & conditions.

**I / We further declare that I / We possess valid manufacturing license / authorized  
distributor bearing no. ....Valid upto ..... I /  
We..... do hereby declare that I  
/we will supply the \_\_\_\_\_ as per the terms, conditions & specifications of the  
tender document.**

Signature of the bidder;

Date:

Name & Address of the Firm:

Affidavit before Executive Magistrate / Notary Public.





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**TENDER FORM  
PART-II  
(FINANCIAL BID)**

**LIST OF ITEMS**

Sl No	Equipment & Instrument		Unit Of Measure	Amount per unit including all taxes
1	SEMI AUTO ANALYZER FOR BIOCHEMISTRY	Specification as per Attached annexure	In number	
2	B P INSTRUMENT (MERCURY FREE DIGITAL)		In number	
3	STETHOSCOPE		In number	
4	HAEMOGLOBINO METER (DIGITAL)		In number	
5	ADULT WEIGHING MACHINE (DIGITAL)		In number	
6	INFANT WEIGHING MACHINE		In number	
7	THERMOMETER (DIGITAL)		In number	
8	STADIOMETER		In number	
9	FETAL DOPPLER		In number	
10	DRESSING TABLE		In number	
11	DENTAL CHAIR		In number	
12	Tooth Extraction Forceps Set(Adult )		In number	
13	MOUTH MIRROR		In number	
14	TOOTH MODEL		In number	
15	ADULT ROLLER & BALANCE BOARD		In number	
16	SHOULDER WHEEL,OVERHEAD PULLY & SHOULDER LADDER		In number	
17	CERVICAL CUM LUMBER DIGITAL TRACTION MACHINE WITH BED		In number	
18	THERA BAND / ELASTIC BAND & GRIP EXERCISER		In number	
19	PARAFFIN WAX BATH		In number	
20	Computerized IFT ,MST,TENSE COMBO		In number	
21	ULTRASOUND THERAPY MACHINE		In number	
22	PLASTIC FOLDABLE TABLE		In number	
23	Portable X-ray for Dental			
23	PLASTIC CHAIR Set of 2	In number		

Date:

(Signature and seal of the authorized signature)

Place:

Name of the Authorized Signatory:

Designation:

**EQUIPMENT & INSTRUMENT:**

**SEMI AUTO ANALYZER FOR BIOCHEMISTRY**

- 150 open user-defined test programs
- 9 Assay modes: 1 point linear, 2 point linear, 1 point non linear, 2 point non-linear, rate A linear, Rate A non Linear, 1 point sample Blank linear, 1-point sample blank Non-linear, Absorbance
- Mono & biochromatic measurement
- Photometric range from 0 to 3.0 OD
- Photometric resolution up to 0.0001
- Automatic Zero setting -
- Static Photometer (340-630nm)
- 6 Wavelengths: 340, 405, 505, 546, 578, 630nm + 2 Optional positions
- Multi-point Calibration with graphical display
- Levey-jennings graph for quality control
- 5000 test patient results storage
- Peristaltic Pump Aspiration system with calibration facility
- Dual cuvette system: Flow cell volume-33ul  
: 10 mm external glass/polystyrene
- Aspiration volume from 350 to 999 ul
- Temperature control at 25 degree, 30 degree & 37 degree C
- Repeat measurement by read key
- Collated report date wise, ID wise (Alphanumeric)
- Inbuilt thermal printer
- Direct printer Connectivity Through USB Port
- USB Connectivity to PC
- Connectivity to external incubator (optional with 16 position)
- Equipment shall meet internationally recognized for Electromagnetic Compatibility (EMC) for electro medical equipment: 61326-1 and certified to be compliant with IEC 61010-1, IEC 61010-2-281 Yes
- Equipment Manufacturer have ISO 13485 certification for quality standards: Yes Warranty Period: 3 year

### B.P INSTRUMENT (MERCURY FREE DIGITAL)

- Mercury Free BP instrument
- High quality semiconductor sensors ensure accuracy
- Silver metallic powder coated metal body
- Range 0-300 mm Hg
- Touch Screen
- Dual power operation(battery cum USB Adopter)
- Rising spot LED Shows Pressure value provide with high quality LCD with LED back light.
- Manual inflation ,automatic deflation
- Measuring principle: Manual mode measurement with stethoscope
- Cuff: Upper ARM Cuff
- Pulse: 30 -200 pulse/min
- Type Of SPHYGMOMANOMETERS or Blood Pressure recording unit : Digital Cuff Range - Large (32-45)cm / Small (18-22)cm Type - Portable Measuring device - Automated Type of AA Size chargeable Battery (AA Size) - Alkaline Power Source: AA size chargeable battery set Warranty Period (in Year) - 1 Accuracy: Pressure measurement (mmHg) : +/- 3 CE Marking Certificate for B.P. Apparatus Model

### STETHOSCOPE

- Stethoscope of standard size, chromium plated metal binaural, V rubber tube in one piece. Rotating piper fitting for both flip functions. Double head paediatric& Adult stethoscope. • Extra-soft, replaceable and pivot able ear-tips for perfect sealing at the ear canal. • Designed with Precision chest-piece made of stainless steel chromed brass. • Good quality diaphragm of minimum - $\varnothing$ -45mm • High quality membrane for precise acoustics with non-chill rims for improved adaptation on the skin and for excellent sound transmission. • Length should be 27" to 29 with preferable colour -black. • The Y-tube should be made of Latex-free treated rubber. Easy to dismantle, and therefore to clean and disinfect Manufacturer should be ISO13485 approved. Product should be BIS/CE approved

### HAEMOGLOBINO METER (DIGITAL)

- Sensitivity: More than 90%
- Specificity: More than 90%
- Data Transfer: Software for data transfer to printer and PC
- Connectivity: Bluetooth wireless connectivity to PC
- Weight: 375 gm with battery
- Working Temperature: 10-50 C
- Working Humidity: 5-95%
- Battery: 3.7 V Lithium polymers rechargeable able to perform more than 500 test when fully charged.

### ADULT WEIGHING MACHINE (DIGITAL)

- Capacity: 180 Kg.
- Dimension of the scale: 30.8 x 31.2 x 2.7 cm
- Dimension of colour box: 33 x 32 x 4.8 cm
- LCD Size: 74 x 35.6 mm
- LCD with white backlight
- Auto ON
- Battery should be include with weighing machine

### INFANT WEIGHING MACHINE

- Capacity: 10 Kg. x 0.50 gms.
- Pan Size: 545 mm x 270 mm x 80 mm
- Material: ABS Plastic

### THERMOMETER (DIGITAL)

- Range of temperature measurement 320C- 420 (89.60F109.40F). Can be calibrated in both centigrade and Fahrenheit, but if only oneoption is available, then Fahrenheit is preferable. Buzzer signal function. Takes 10-15 seconds to measure temperature. Can be used in the armpit/axilla, orally and rectally. Accuracy of temperature  $\pm 0.1\text{degC}$  and  $\pm 0.2$  F. User's interface: LCD display Manufacturer should be ISO13485 approved Product should be BIS/CE approved

### STADIOMETER

- Standards: Conformity to Stadiometer as per ICDS standards Stadiometer designed to Measure Height of Adult and Children aged 24 Month and Above in Vertical Position Performance Parameters 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 (should be able to measure up to 200 cm at least) :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 Double sided graduation Parallel to Board for Easy Measurement Stable connection assuring precise and accurate measurement No need of calibration as all parts have prefixed position Stadiometer should have Firm flat surface Designed for heavy duty use in demanding conditions Simple and fast set up, no tool (screw driver etc) required Orientation of numerals on the measurement scale: parallel to the board Stadiometer should have large foot plate providing extra stable base and smoothly gliding measuring slide/wedge Stadiometer shall have Adjustable feet for stability on uneven or soft ground and also spirit level indicator to check flat surface Fold-up Mechanism and low-weight, making it compact and easy to transport : Stadiometer shall be free from sharp edges and corners : Stadiometer shall have friction feature between board and measuring slide/wedge for preventing the latter from drooping when released: Durable, Resistance to excessive Humidity, High temperature resistant, water resistant and shock Resistant : 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 : 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 : Packed in a carton box which should be of sturdy quality and provides adequate protection of the goods while in transportation : Reports Model approval from Director (Legal Metrology) : 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) : RRSL Certificate

Number, date and address Calibration from concerned weight and measurement controller ate to be obtained at the time of supplies : Model approval certificate, Type test and calibration certificate to be furnished if asked by buyer at the time of supplies:

### **Fetal Doppler**

- Five Working Modes:Real-time mode, Average mode, Manual mode, Freeze mode, Wave/Curve mode
- Nominal Frequency:2.0 MHz
- Working Frequency:2.0 MHz 10%Ultrasound
- intensity: less than10mW/cm<sup>2</sup>FHR
- Measuring range:50 to 240bpmFHR
- resolution:1bpmFHR accuracy:1bpm
- Power consumption:Less than 1W
- Recommended Battery:2 X 1.2 V Ni-Mh Rechargeable battery
- Display:45mm X 25mm Colour LCD
- Dimensions:135mm X 95mm X 35mm
- Weight:500gm (including battery)

### Dressing Trolley

Shelves Position one on Top and one at bottom above casters (for 2 shelves) Warranty (Years) – 3 years Load carrying capacity of the trolley (in kg) - 50 kilogram Mode of operation - Manual Type of Instrument Trolley - 2 Shelf Instrument trolley Availability of Chrome Plated Pressed Sheet Frame Weight carrying capacity of the shelves (in kg) - 25 kilogram min. Thickness of Sheet of Shelf in mm - 1.6 millimeter Length of Trolley in mm - 680 millimeter Thickness of Sheet of trolley in mm - 6 millimeter Height of Trolley in mm - 820 millimeter Material of trolley - Stainless steel 201 Ground Clearance in mm - 75 millimeter Width of Trolley in mm - 450 millimeter

### **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 inhouse 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

### DENTAL CHAIR

- 2 no. of motors for UP/DOWN, BACK/FRONT & ZERO
- Feather touch control fitted in tray & foot control
- Light -2 intensity, switch attached tray – light frame
- Wide instrument tray with S.S. tray
- Glass Spittoon – with timer system
- X-ray viewer
- 2 no. – 3 way syringe
- 2 no. Air rotor point
- Micro-Motor Point
- Suction – 1 Motorized medium suction & 1 Air suction
- Pneumatic Stool
- Scaler tray & glass holder

### **MOUTH MIRROR**

Type Mirror With Handle Shape of Mirror: Round Diameter of Mirror (mm) set :18 millimeter & 20millimeter  
Material of housing of the mirror: Medical Grade Stainless Steel(316/ASi410) Anti Fog Coating Yes Thick Non-Slip Handle for perfect grip: Yes Mirror should be With minimum 10 Cm Length of Handle: Yes Mirror should be detachable from the handle: Yes Extra light and handy for more fatigue-free working : Yes GENERAL FEATURES  
Product Description: Dental Mouth Mirror or Dentist's Mirror Clinical Purpose: For allowing indirect vision by the dentist, reflecting light onto desired surfaces and retraction of soft tissues Disposable or Reusable: Reusable Sterile :Yes Autoclavable: Yes PACKAGING: Individually Packed CERTIFICATIONS & REPORTS  
Submission of Test Report from Central Govt/NABL/ILAC accredited Lab to prove the conformity to declared specification at the time of supply: YES Product certification: Manufacturer should be ISO13485 certified Product should be CE /IS approved WARRANTY & MAINTENANCE Warranty (Years) :Replacement warranty of 1year

### **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 Packing: Each model should be packed individually. Warranty: 1 year

### ADULT ROLLER & BALANCE BOARD

- Rectangular Wobble Board is made from laminated ply board and painted with Anti-humidity sealer
- Surface area length,56 cm, width 35 cm is covered with non-slip matting
- Base Height – 5"
- Weight Capacity – 150Kg.

## SHOULDER WHEEL, OVER HEAD PULLY & SHOULDER LADDER

### **SHOULDER WHEEL:**

- All 16G mild still round pipe constructed with power coating
- 37.5" dia wheel fitted with C.I drum
- Wheel is mounted on Three laminated hard-wood wall boards of which Two board are fitted with Two stainless steel channels (81 cm H x 6 cm W) to give wheel 50 cm height adjustment to suit each patient.
- Arc of motion can be varied from 30 cm to 80 cm by fixing handle at the required place
- Wheel is fitted with advanced Calibrated Sensitive Resistance mechanism and the resistance is controllable from Zero to Maximum
- A 360 degree scale is provided on the drum to measure & record the degree of revolution from either direction (for Left or Right Shoulder) for immediate feed-back to the patient

### **SHOULDER PULLEY:**

- Made of heavy duty mild steel square pipe with powder coated finish
- Shoulder Pulley Kit contain 1 – T Frame, 2 – Pulleys, 2 – Grip handles and rope

### **FINGER ABDUCTION LADDER:**

- Constructed with durable hardwood with a natural finish
- Provides 33 steps for patient 'finger climbing'
- Can be used flat on a table or hung on a wall for more advanced therapy

## LUMBER & CERVICAL TRACTION & BED

### **CERVICAL CUM LUMBER DIGITAL TRACTION MACHINE:**

- Therapy mode: Static / Intermittent
- Traction Force: 5Kg to 45 Kg (with double pulley weight increase up to 90 Kg)
- Hold Time: 10, 20, 40, 60, 80 sec. with led indicator
- Rest Time: 1, 5, 10, 15, 20 sec. with led indicator
- Treatment Duration: 0-99 min. at the end of treatment time acoustic signal and automatic reduction of traction force & audio alarm
- Patient Safety: Should be Available
- Imported sturdy & noise less motor
- Moulded aluminum gear box
- Release & Engage mode operate to manually
- Easy to operating
- Weight: 14 Kg. approx.

### **ACCESSORIES:**

- Main Unit: 01 No.
- Cervical Collar: 01 No.
- Cervical Spreader Bard
- Cervical Spreader Bar
- Power Cable: 01 No.
- Wall Mounting Clamp: 1 Pair
- Lumber, Chest Belt-1 set
- Traction Doublers Pulley: 1 No.
- Patient Switch: 1 No.
- Operating Manual: 1 No.

### **TRACTION BED THREE FOLD:**

- Complete Bed length with Traction plate form Length 232 cm, Width 60 cm, Height 80 cm including mattress
- The frame and leg all made of heavy duty metal square pipe with powder coated finish
- The top made mattress of high density stretchy sponge and artificial leather
- 4 pcs. Adjustable leveling feet for stability on uneven floors
- 1 pc. Gas spring adjustable & 1 stainless steel rod head board section
- Head board section incline adjustable: 0° to 85° ( $\pm 5^\circ$ )
- Sliding distance of the bed is at least 18 cm.
- Bed sliding lock handle
- Use of permanent lubricated bearing for bed sliding
- Flexion stool: 1 No.

#### Thera Band / Elastic Band & Grip Exerciser

- With each roll of 15 cm 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

#### Paraffin Wax Bath

- Paraffin Wax Bath is made of inner chamber SS 304 grade outer chamber RC with power coating paint & covering Lid: Aluminum with handle
- Inner Chamber Size: Length 20", Width 12", Depth 10"
- Outer Chamber Size: Length 23", Width 14", Height 15"
- Temperature is controlled from 30°-100° C using thermostat
- Energy saving glass wool insulation
- Power on indicator lamp
- Heating indicator lamp
- Shock proof silicone heating element 1500 watt with large surface for a fast and consistent heating process
- Four castor wheels
- Input Power: 220-240 V, 50/60 Hz
- Weight: 17 Kg.

#### **ACCESSORIES:**

- Main Unit: 01 No.
- Paraffin Medicated Wax: 20 Kg. Wax

**Computerized IFT+MST+TENS  
(Digital)**

- SMPS Power Supply
- Medium frequency 2KHz,4KHz,6KHz,8KHz and 10KHz.
- Patient safety: Output is 100% isolation
- IFT 100 pre programmed
- TENS 50 pre programmed
- 100 user memory with patient name
- MST, IG, F, and SF
- 10mscc ON/10msec OFF
- 4 Patient can be treated at a time with different treatment time.
- Large Size crystal clear bluish graphic LCD 64X128
- Light Weight,Compact Size
- 150 Pre programmed,100 user memory

**ULTRASONIC THERAPY MACHINE (1 MHz)**

- Therapy Mode: Continuous & Pulsed
- Continuous Mode Output: 2.5 w/cm<sup>2</sup> maximum
- Pulsed Mode output: 3.5 w/cm<sup>2</sup> maximum
- Input Power: 110-240 V, 50/60 Hz
- Output Frequency: 1 MHz  $\pm$  2%
- Pulse ratio: 1:2, 1:4, 1:7, 1:10 & 1:16
- Pulse frequency: 1Hz, 10Hz, 50Hz & 100Hz
- Treatment Duration: 1-30 min in 1 min increments for manual mode
- Alarms: Audio Alarm at the end of treatment with auto cut off
- Display: Seven segment digital display
- Touch free capsence keys (encoder based)
- Microcontroller based
- Frequency tuning for ift coil
- Power Fuse: 1Amp

**ACCESSORIES:**

- Main unit: 01 No.
- Ultrasound Applicator: 01 No. 1 MHz
- Power cable provided for different countries: 01 No.
- Instruction Manual: 01 No.
- Jel Bottle: 1 No.
- Carry Bag: 1 No.



## Portable X-Ray Machine for Dental

### Portable x-ray system

- Intra-Oral X-ray system
- PORT-X II makes your dental clinic full of ease and comfort.
- Light and small with rechargeable battery enables easy shooting and keeping everywhere
- Camera Type (Wireless)
- Rechargeable Battery
- Graphic LCD
- Portable, compact and wireless DC X-ray.
- 60kV/2mA Toshiba Tube
- Exposure time (.01-2.0 sec)
- Focal spot 0.8mm
- Graphic LCD display
- IOPA film & Radiovisiography sensor compatible
- Round type beam limiting device
- Total filtration 1.8 mmAl
- 60-70 X-ray shots on film or 90 to 100 X-Ray shots on Sensor once battery is recharged
- Internally LEAD coated to prevent excessive exposure & dispersion of radiation
- Rechargeable Lithium-Polymer battery
- Patient & tooth selection mode

### Nilkamal Table FOLDABLE LEG

- Dimensions Of Shanshahi Table Width (cm) :114, Height (cm) : 74, Depth (cm) : 73
- Material: 100% polypropylene material, color: beige, pattern: glossy design
- Suitable For Four People Seating

### Nilkamal Chair Set of 2

- Material : Plastic. Can be used for indoor as well as outdoor
- The chair with a armrests has an inviting vibe with the cutout backrest design

