

**TENDER TERMS, CONDITIONS & SPECIFICATION FOR
SUPPLY OF EQUIPMENTS, INSTRUMENTS AND
FURNITURE FOR CDM&PHO KALAHANDI**

**Name of the District / Health Institution: CDM&PHO, KALAHANDI
(HEALTH & F.W. DEPT.(NHM), GOVT. OF ODISHA)**

Bid Reference No. CDM&PHO/KLD/6527/2021-22

LAST DATE & TIME OF RECEIPT OF BID DOCUMENTS: 20-12-2021 at 04.00 pm

DATE & TIME OF OPENING OF THE TENDER : 21-12-2021 at 04.00 pm

**PLACE OF OPENING OF BID DOCUMENTS
AND
ADDRESS FOR COMMUNICATION
AND
RECEIPT OF BID DOCUMENTS**

**Chief District Medical & PHO,
O/o Chief District Medical & PHO, Kalahandi
Odisha, PIN-766001**

Terms and Conditions – Page No. 02 to 03

Equipment, Instrument and Furniture Name & Specification – Page No. 04 to 18

Technical Bid Check List - Page No. 19

Format for Equipment, Instrument and Furniture for Price Bid - Page No. 20


**Chief District Medical & PHO
Kalahandi**

TENDER TERMS, CONDITIONS & SPECIFICATION FOR SUPPLY OF EQUIPMENTS, INSTRUMENTS AND FURNITURE FOR CDM&PHO KALAHANDI

1. The bidders will download the tender from the District Web Site: www.kalahandi.nic.in by Tender cost of Rs.5000/- (Rupees Five Thousand only) in shape of Demand Draft in favour of ADMO (Medical) Central Store, Kalahandi.
2. The tender paper will be rejected if the bidder changes any clause or Annexure of the bid documents downloaded from the website.
3. Sealed tenders will be received by date **20-12-2021 up to 04.00 pm** by the office of the CDM&PHO, Kalahandi for the purchase of Equipment, Instrument and Furniture. Any tender paper received after the due date and time will be rejected/returned to the sender unopened. The tender paper will be received through Speed Post/ Regd. Post Only.
4. The CDM&PHO shall have no responsibility for any delay / Omission on part of the bidder and reserves the right to reject any or all the tenders without assigning any reason thereof.
5. The bidder(s) are to submit their tenders in separate sealed covered envelopes for Technical Bid and Price Bid by superscribing Cover 'A' (Technical Bid) and Cover 'B' (Price Bid) & both the sealed covers should be put into a third outer cover which should be superscribed as "Tender for Supply of Equipment, Instrument and Furniture for CDM&PHO, Kalahandi for the Year 2021-22" and Tender Reference No. CDMO/KLD/ 6527 / 2021-22 on dated 07.12.21.
6. The sealed tenders will be opened by the CDM&PHO, Kalahandi in the office chamber of the CDM&PHO, Kalahandi on Dated **21-12-2021 at 04.00 pm**. The tenderer or their duly authorized representatives are allowed to be present during the opening of the tenders if they so like.
7. The rate quoted by the bidder should be inclusive of all taxes (GST/CST/ET/Friegt/ Insurance etc).
8. Conditional tenders are liable to be rejected. All Disputes are subjected to Hon'ble Court of Bhawanipatna, Kalahandi, Odisha.
9. If the successful bidder/ bidders fail to supply within the stipulated period i.e. 45 (Forty five days) days from date of receipt of final proof from CDMO, Kalahandi liquidated damage @ 0.5% of the tender value per week of delay shall be deducted from the final payment. Maximum delay time acceptable is 8 weeks. Hence, the maximum liquidated damage shall be up to 4% of purchase order. If the bidder fails to supply within the maximum delay time his order stands cancelled automatically.
10. The authority will not make any advance payment to the organization. The organization will have to carry out the entire job on its own and the amount will be paid only after satisfactory completion of the job and submission of bill in that regards.
11. The supply of items shall be made immediately according to volume after placing the supply order in the office of the CDM&PHO, Kalahandi and supplier shall submit the bill for payment at the approved rate in respect to quantity of items supplied. The transportation of items is sole responsibility of the supplier and must deliver the item on door delivery basis.

12. In case of failure on the part of the approved supplier to supply of the above mentioned items as per supply order with stipulated period, the CDM&PHO, Kalahandi shall be at liberty to purchase above mentioned items from other sources and the approved supplier shall be liable to pay the excess amount which this office have to incur being the different of actual amount of purchase minus the amount as per approved rates and difference aforesaid shall be recoverable and adjustable against the security deposit amount.
13. Under no circumstances shall the organization appoint any sub contractor or sublease the contract. If it is found that the organization has violated these conditions the contract will be terminated forthwith without any notice and security deposited by the organization shall be forfeited.
14. Rates quoted against this tender notice shall remain valid up to 12 months after award of contract. No request of increase in rates, if any, will be allowed or entertained during this period.
15. Bidders should submit the photocopy of valid GST Registration Certificate & PAN Card.
16. Bidders should Two year audit report audited by any Chartered accountant and his turn over must be 75 lakh or above from any of the CDM&PHO.
17. Receiving & Opening of Tender may be changed if required by the under Signed, it will be intimated.
18. Equipment, Instrument and Furniture will be deliver at HWC Destination of the District as per order.


Chief District Medical & PHO
Kalahandi

List of Equipments, Instruments and Furniture for Technical Specifications (Cover "A")

Sl. No	Name of Item (s)	Specification	Remarks
1	Clinical Digital Thermo Meter	<ul style="list-style-type: none"> • Digital thermometer with Fahrenheit scale • Safe to use, automatic, no glass, no mercy. • Measurement rang:90.0f to 109 F • Measurement accuracy+/-0.2 f between 98.0 f to 102.0 F • +/-0.3 f between 96.4 f to 98.0 F • +/-0.3 f between 102.0 f to 106.0 F • Should have auto shut off facility. • Display should be LCD Type. • Beeper alaram of approx 10 seconds should signal when peak temperature reached. • Average measurement time: Oral: 30sec, Rectal: 30sec, Auxiliary: 60sec. • Battery operated. • Should have more than 200hrs.of battery life. 	
2	Stethoscope	<ul style="list-style-type: none"> • Stethoscope Complete in box with diaphragm life line silver 	
3	Stop Watch	<ul style="list-style-type: none"> • Should have plastic body. • Should be battery operated. • Should be supplied with neck cord. • Should have normal time display with hour, minutes, second with stop watch function. • Should be water resistant. • Should have illuminator for clear visibility. 	
4	Examination Light	<ul style="list-style-type: none"> • Source of Light: LED light • Illumination(lx) should be LED • Minimum 25,000 Lux at a working distance of .5m.Radial and axial movement of the lamp.Colour temperature: minimum 4000K • Minimum Diameter of the spot 5cm • Flexible Light pipe for easy positioning of minimum length of 1meter. • Lamp Life of minimum 30000 hrs, CRI>90 • Power Requirements-Recharging unit: Input voltage- 220V-240V AC, 50Hz • Should be USFDA/CE approved model. • Manufacturer should be ISO 13485 certified. • Electrical safety conforms to the standards for electrical safety IEC 60601-1General requirements (or equivalent BIS Standard) 	
5	Weighing Machine (Adult)	<ul style="list-style-type: none"> • Sturdy dial type mechanical platform weighing machinefor adult and children • Zero adjustment facility should be there • Resolution : 50 gm • Range of weighing : 0 – 120 kg 	
6	Weighing Scale (Infant) (10 kg)	<ul style="list-style-type: none"> • Table top, light and portable, • Built in rechargeable battery, 	

		<ul style="list-style-type: none"> • Easy to clean baby tray (acrylic), • Zero weight adjustment facility, • Quick, clear digital read outs with LCD display • Measurement does not change with position of baby on the pan; • Provision to measure the height of the baby in its laying position. • Accuracy: 10g, resolution: 1g, limit: 10gm ~ 10kg • Settings-Auto setting to 0.00 once a the machine is switched on 	
7	Baby weight Scale 5kg (Hanging scale)	<ul style="list-style-type: none"> • Technical specification: • Should have Tough Nylon Plastic (Black) body with demonstration photos in white color. • Capacity: Maximum load capacity should be 5kg. • Each product should be stamped by Weight & measurement Department. • Should have color coded reading scale. • Should have zero adjustment. • Should have inbuilt overload protection. • Minimum gradation should not be less than 100gms • Scale should be fitted with an approx 3" rod handle with noncorrosive metallic ring on top and S shaped hook at the bottom for suspending the sling bag. • Spring used in the scale should be made for heavy duty steel spring, non-corrosive grade II • Sling bag should be made of double stitched touch & tear resistant 100% polyester to weigh the baby (with load carrying capacity of at least 7kgs) • Sling bag width at the middle of the bag 24". Two nos. sling bags should be provided in each baby weighing scale. • The bidder must have model approval copy by the legal metrology department. 	
8	Infant meter	<ul style="list-style-type: none"> • Conformity to Infant meter as per ICDS standards • Precision for Infant meter (cm): +/-0.1cm • Accuracy for Infant meter (cm): +/-0.1cm 	
9	Instrument Sterilizer	<ul style="list-style-type: none"> • Electrically operated. • Size ideally: 24x8x6 inch • Should have replaceable immersion type heater ISI marked. • Body should be made of SS-304 grade steel. (Test report certificate from independent laboratory should be submitted with technical bid.) • Power Supply • Power input to be 220-240VAC, 50Hz fitted with Indian plug 	
10	Dressing Drum (Autoclave box)	<ul style="list-style-type: none"> • Should be made of joint-less stainless steel of 304 grade steel of 0.5mm thickness. • Should have perforated body. • Should have chain locking with clamp to open or close the perforated body. • Manufacturer should be ISO13485 approved • Product should be BIS/CE approved 	
11	Ambu Bag	<ul style="list-style-type: none"> • Manual resuscitator with transparent face-mask 	

		<ul style="list-style-type: none"> • Standard 15/22 mm Swivel connector allows connections to all common masks Endo-tracheal Tubes; • Provision to give supplemented oxygen-by-oxygen reservoir providing 100% oxygen; • Non-re breathing valve enabling the patient to inspire oxygen from thereservoir bag. • Should be single hand opera table • Should be easy to disassemble for cleaning and disinfection • Should have pressure release valve at 40cm H2O • Should have silicone oxygen tube 2m length. • 10. It should be upto 40 times autoclavable including bag and washers. • The bag should be made of soft silicone material.Self-Inflating Resuscitator bag should be of medical grade siliconerubber. • The reservoir should be a PVC bag of 600ml capacity 500ml bagcapacity and 1000ml for 750ml bag capacity. • 1 Accessories (mandatory):- • Silicon bellows, Non Rebreathing Valve, 2 meter oxygen tube, Guedel • Airway sizes viz 0 and 1, Mask of 3 sizes viz 00, 0 and 1 	
12	Almirah	<ul style="list-style-type: none"> • Steel Shelving Cabinet made out of 1mm C.R.Sheet with shelves (Adjustable Type), door handle, 6 Lever lock with 3 way bolting system , one coat of primer and two coats of enamel paints without stove enameling of the components, conforming to I.S. number 3312/84. width of the pedestal shall be 70mm for small size and 80mm for large size and the height of the pedestal shall be 125, +/- 5mm. overall dimension in mm/inch. • size in mm - 1981 (78)"(H) x 914 (36") (W) x 483 (19") (D) with four shelves. 	
13	Table	<ul style="list-style-type: none"> • Metal Table Office Type (Composite office table) conforming to IS:8126/93 and top made out of 18mm thick ISI Marked Prelaminated Board, Suitable for Office table top application with the following specifications. • Size on mm - 1524 (60") (W) x 914 (36") (D) x 762 (30") (H) with three drawers and one cup board, • Drawer Box Size : - 559 (22") (D) x 356mm (14") (W) x 432mm (17") (H) • Cup Board Size : - 559 (22") (D) x 356mm (14") (W) x 432mm (17") (H) 	
14	Examination Table	<ul style="list-style-type: none"> • Size- 1820mm (L.) x 570mm(W) x 820(H) mm. (L x W x H) +- 20mm. • Two section with fold cushion Top 3mm thick ness 40 dencity PU Foam. • Tubular Cons., Machine Pressed double bend mild steel sheet,, • Head rest adjustable on ratchet, • Leg faxed with rubber feet, • Pre-treated & epoxy powder coated, • Patient load bearing capacity of 120 kg minimum. 	

15	Tooth Extraction Forceps(Explorer)	<ul style="list-style-type: none"> • 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 	
16	Patient Stool (Revolving stool)	<ul style="list-style-type: none"> • Tubular tripod based with S.S. revolving top of 18 Gauge. • Height adjustable from approximately 460 mm to 650 mm by accurately machined screw mechanism. • MS powder coated foot ring supports • Legs fitted with rubber PVC stumps. • Pre-treated and powder coated finish 	
17	Instrument Cabinet	<ul style="list-style-type: none"> • Overall depth range (mm)400 mm (+/- 2.5%), • Overall Width range(mm)600 mm (+/-2.5%), • Overall Height range (mm)820 mm (+/-2.5%), • Painting: Powder Coating, Material of Enclosure of bedside locker: Mild steel, Material of cabinet and Drawer: Mildsteel • Locking system for cabinet and drawer, Number of Shelves: 5 • Power Coated Finish, Frame Tube Material: MILD STEEL 	
18	Bedside Screen	<ul style="list-style-type: none"> • 3 folding partitions – 6 feet high and 6 feet long when opened • Tubular frame (CRCA tubular) mounted on 5cms high quality corrosion free castors with fine qualitycurtains. • Pre-Treated and Epoxy • Powder coated. 	
19	Foot Step	<ul style="list-style-type: none"> • The Step should have maximum load cap.150 Kg. • S S Frame shall be made of square/ round steel tubing 20 x 20mm. • Should be double foot step type with step height 20mm. Provided with sleep – resistant , Step are made of black molded PU Foam plate of minimum 1.5mm thickness. • Size 590mm LX 410mm WX 200/ 400mm H 	
20	Exercise Bicycle	<ul style="list-style-type: none"> • Tubular steel frame on properly balanced legs with four rubber tips • Fitted with one hard rubber type wheel, standard chain and a socket • Seat should be adjustable • Should be fitted with a ball bearing resistance roller which permits controlled movement in riding • LCD/LED display with speedometer. • Warranty: 3 Years 	

		<ul style="list-style-type: none"> • Manufacturer should be ISO13485 certified • Product should be CE/BIS certified 	
21	Shoulder Wheel Over Head pully Shoulder ladder	<p><u>Shoulder wheel, Overhead pulley, Shoulder ladder (set)</u></p> <p>Clinical use: Used for improving mobility & strength of shoulder girdle & rotator cuff muscles in case of frozen shoulder, paresis & paralysis cases.</p> <p>Technical Specification:</p> <p>A.Shoulder Wheel:</p> <ul style="list-style-type: none"> ➤ 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 <p>B. Over Head Pulley:</p> <ul style="list-style-type: none"> ➤ Heavy duty, medical grade, shoulder 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. <p>C. Shoulder Ladder:</p> <ul style="list-style-type: none"> ➤ Wood Finger/Shoulder Ladder ➤ 32 vertical finger steps ➤ Solid wood with heavy topcoats ➤ Pre-drilled mounting holes ➤ The manufacturer should be ISO certified. 	
22	Office Chair	Normal without revolving, only cushion fitting in the seat and back side. Strong Material.	
23	Plastic Chair	For Visitors sitting (With Arm)	
24	General Rack	<ul style="list-style-type: none"> • 05 Shelves • Size :- 30" (D) x 54"(W) x 30" (H) 	
25	White Board	(Size 2.6'H X 4.00"W)	
26	Invertors	<ul style="list-style-type: none"> • 14 VA with Double Battery 	
27	Head Light	<p>Purpose: Coaxial luminaire provides shadow free illumination for improved efficiencies</p> <p>Light weight and comfortable head band options : Yes</p> <p>Supply of accessory like charger, cable & batteries : Yes</p> <p>Color of light : Cool day light</p> <p>Brightness (Lumen): 40</p> <p>Color Temperature (Degree Kelvin): 4500 degree K,</p> <p>Minimum LED Life (Hours): 20000</p> <p>Nature of focusing: Spot</p> <p>Portable compact design with no wires- into shirt pocket: Yes</p> <p>Charging time (Hours): 2-4Hours</p> <p>Color rendering index (CRI): 90</p> <p>Type of battery : Alkaline</p> <p>Run time (Minutes): 60</p> <p>ON/OFF control: Yes</p>	

		<p>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</p>	
28	Otoscope	<p>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 horoscope : 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</p>	
29	Tuning Fork	<p>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</p>	
30	Noise Maker	<p>Bell made of brass. Minimum length -8.5cm and minimum weight - 70gram. Should be child friendly. Manufacturer should be ISO certified</p>	
31	Instrument Set	As per requirement the clinician to decide the list of instruments	

		<p>Broad specification: Quality standard (Applicable to all surgical instruments):Instruments should be made up of stainless steel medical grade AISI 410 & 420.Test reports should be submitted in the technical bid.</p> <p>Part No. and the CE Mark must be engraved/Embossed on the instrument.</p> <p>Sample demonstration</p> <p>Instrument should cover 2 years replacement warrantee.</p> <p>All the instruments should be autoclavable.</p>	
32	Binocular Microscope	<p>Microscope Type: laboratory binocular non-hinged type with built in light and with light intensity regulator</p> <p>Conformity to Indian Standard: Research IS:5204 latest ISI MARKED :NA</p> <p>Eye piece Type : Compensating</p> <p>Binocular Eye pieces Confirming to the requirements of IS: 8275/1976 (latest) :Yes</p> <p>Eye Piece with magnification : Set of Two For Binocular 10x</p> <p>Objective Type : achromatic</p> <p>Objective Magnification :100X,40X,10X,4X</p> <p>Numerical Apertures of Objective: 1.25</p> <p>Type of lamp for Illumination :LED</p> <p>Plano Concave mirror attachment :Yes</p> <p>Stage : Rectangular</p> <p>Size of Stage : 76 X 40 MM/Standards Size</p> <p>Coarse and Fine Movement of stage:Yes</p> <p>Co-axial focusing :Yes</p> <p>Micrometer Arrangement :No</p> <p>ACCESSORIES</p> <p>Extra eyepieces (inclusive in the scope of supply) : NA</p> <p>Carrying case (inclusive in the scope of supply):Yes</p> <p>WARRANTY</p> <p>Warranty 2 year</p> <p>CERTIFICATION</p> <p>Availability of Test Report from Central Govt/NABL/ILAC accredited lab to prove conformity to specification No</p> <p>Test Report No and Date N.A.</p> <p>Name and Address of the Lab N.A.</p> <p>Manufacturer Should be ISO13485 certified</p> <p>Model should be CE/USFDA /ISI approved</p>	
33	Near Vision Chart	<p>Name of Tool : Lea Symbols Near Vision Card/ISIHARA Near Vision Chart</p> <p>Type : "16 inches/40 centimeter Lea Near vision chart"</p> <p>Objective : To fulfill the criteria to be a good vision for children by measuring near visual acuity</p> <p>Use : "To assess the child's functional vision at near distances"</p> <p>Utility: Pre-school children of 3 to 5 years age group</p> <p>PRODUCT INFORMATION AND TESTING</p> <p>"Front side of the Lea symbol cards printed with proportionally spaced (log MAR) lines" : Yes</p> <p>"Back side of Lea symbol card printed with 25% and 50% spacing" : Yes</p> <p>"The card contains very familiar 4 symbols like circle, square, house and apple" : Yes</p> <p>All optotypes should be similar legibility : Yes</p> <p>Each line should have optotypes size ranging from 20/400 to 20/10 (6/120 to 6/3) equivalent :Yes</p>	

		<p>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</p>	
34	Color Vision Chart	<ul style="list-style-type: none"> • 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 <p>Manufacturer should be ISO certified</p>	
35	Snellen's Chart	<p>Snellen chart with Red/Green bar to test visual acuity. Assessment distance 6m. Size: 23 x 35.5 cm</p>	
36	Stadiometer	<p>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 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 : 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</p>	

		<p>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 Reports 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</p>	
37	Digital BP Apparatus	<p>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 & plusmn; 5%. (per minute) 40 to 200 Accuracy: Pressure measurement (mmHg) : +/- 3 Pressure Detection : Capacitive Pressure sensor InflationAutomatic 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 Stroage Temperature range : (-10) to 55 degree Celsius Automatic power off if system is idle for 3 minutes :Yes Weight (in gram):230</p>	

		<p>Power Power Source: AA size chargeable battery set Type of AA Size chargeable Battery (AA Size) :Alkaline/ Li-ion</p> <p>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 GovLABFor 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</p>	
38	Aneroid BP apparatus	<p>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: Manualsetting 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 ± 0.5mm 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 Stroage Temperature range (-10) to 55 degree Celsius Weight (in gram) 150</p> <p>WARRANTY, CERTIFICATIONS, TEST REPORTS Availability of Type Test Report covering complete test parameters as per IS7652 latest for Aneroid type, from any</p>	

		ILAC/NABL accredited/Central Gov LAB 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	
39	Lab Autoclave	<p>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 Sterilizer Chamber door: Manual Lock Display facility for Sterilization 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</p>	
40	Centriguge-8 Tubes	<p>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</p>	

		<p>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</p>	
41	Needle Destroyer	<p>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 FUNCTIONAL 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 ELECTRICAL 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 CERTIFICATIONS Manufacturer should be ISO-13485</p>	

		<p>Comply in general to IS:302Pt-1/1979 to ensure safe and reliable operation in normal use: YES</p> <p>Occupational health and safety certification from approved bodies as per OHSAS 18001-2007 :YES</p> <p>CE /BIS Certification from approved bodies : Yes</p>	
42	Shoulder Wheel Over Head pully Shoulder ladder	<p><u>Shoulder wheel, Overhead pulley, Shoulder ladder (set)</u></p> <p>Clinical use: Used for improving mobility & strength of shoulder girdle & rotator cuff muscles in case of frozen shoulder, paresis & paralysis cases.</p> <p>Technical Specification:</p> <p>A.Shoulder Wheel:</p> <ul style="list-style-type: none"> ➤ 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 <p>B. Over Head Pulley:</p> <ul style="list-style-type: none"> ➤ 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. <p>C. Shoulder Ladder:</p> <ul style="list-style-type: none"> ➤ Wood Finger/Shoulder Ladder ➤ 32 vertical finger steps ➤ Solid wood with heavy topcoats ➤ Pre-drilled mounting holes ➤ The manufacturer should be ISO certified. 	
43	Walker	<p>Product type: Frame type, foldable walker</p> <p>Purpose: Walking training device for improving postural alignment while walking, overcoming musculoskeletal impairments and for improving mobility anterior support with less energy consuming</p> <p>Usage :Youth& OLD</p> <p>PRODUCT INFORMATION</p> <p>Posture control possible: Yes</p> <p>Light weight: Yes</p> <p>Wiped clean with a damp cloth: Yes</p> <p>Safety mechanism provided to prevent the user from slipping while walking : Yes</p> <p>Foldable for easy storage and transportation: Yes</p> <p>Anterior support Yes</p> <p>Forearm Supports with latex free flanged hand grips: Yes</p> <p>DIMENSIONS, MATERIAL & WEIGHT</p> <p>Material frame: Stainless steel tubular frame</p> <p>Height of walker with standard wheels (cm) :NA</p> <p>Height of walker with activity wheels (cm): NA</p> <p>Distance between hand grips (cm): 34</p> <p>Frame width (Cm) : 58 to 60</p>	

		<p>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</p>	
44	Cervical traction (manual)	<p>Cervical Traction Kit is a complete apparatus designed to provide traction to the cervical and upper dorsal vertebrae. Cervical traction Kit includes the following:</p> <ul style="list-style-type: none"> ➤ Traction Pulley Bracket ➤ Cervical Traction Head Halter ➤ Cervical Traction Spreader Bar ➤ Traction Cord(Nylon rope)5meter. ➤ Traction Weight Bag with weights <p>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.</p>	
45	Exercise Bicycle	<p>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</p>	
46	Lumber Traction manual	<p>It strengthens 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 belt traction cord and 8 kg weight. Manufacturer should be ISO 13485 certified Product should be BIS/CE approved</p>	
47	Traction Bed	<p>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.</p>	

		Product should be CE/BIS Certified	
48	Artery Forceps	To be provided by Suppliers/Manufactures	
49	Sponge Holder	To be provided by Suppliers/Manufactures	
50	Speculum sims	To be provided by Suppliers/Manufactures	
51	Kidney Tray		
52	Episiotomy Scissor	To be provided by Suppliers/Manufactures	
53	Allies Forceps	To be provided by Suppliers/Manufactures	
54	Tooth Dissecting forceps	To be provided by Suppliers/Manufactures	
55	Needle Holder of tungsten carbide curved tip	To be provided by Suppliers/Manufactures	
56	Thumb forceps	To be provided by Suppliers/Manufactures	
57	Anterior Viginal Wall Retractor	To be provided by Suppliers/Manufactures	
58	Posterior Viginal Wall Retractor	To be provided by Suppliers/Manufactures	
59	MVA Syringe 60CC	To be provided by Suppliers/Manufactures	
60	PPIUCD Insertion Forcep	To be provided by Suppliers/Manufactures	
61	MTP Cannula	To be provided by Suppliers/Manufactures	
62	Examination Tray/Instrument tray	To be provided by Suppliers/Manufactures	
63	NSV Kit	To be provided by Suppliers/Manufactures	
64	IUCD Kit	To be provided by Suppliers/Manufactures	
65	Normal Delivery Kit	To be provided by Suppliers/Manufactures	

CHECK LIST

(To be submitted in Cover "A" Technical Bid)

Note : The documents has to be arranged serially as per the order mentioned in the Check List

Please put \surd in the respective box

COVER – A (TECHNICAL BID) DOCUMENTS: SUBMITTED OR NOT

1. List of Item (s)	Page No.		Yes		No	
2. Tender document Fee	Page No.		Yes		No	
3. Details of Manufacturing Unit / contract person Liaisoning agent / servicing centre	Page No.		Yes		No	
4. Declaration form signed by the Tenderer & affidavit before Notary Public / Executive Magistrate	Page No.		Yes		No	
5. Experience during the last Two years (From govt if any, Order to be attached)	Page No.		Yes		No	
6. Leaflets/Technical Brochures of the Products offered (Item wise)	Page No.		Yes		No	
7. Copy of Import license (In case of Importer)	Page No.		Yes		No	
8. Copy of Valid ISO Certificate	Page No.		Yes		No	
9. Attested Photocopy of Up-to-date CE / US FDA/BIS Certificate (Item wise) (As per technical specification)	Page No.		Yes		No	
10. Attested Photocopy of Up-to-date IEC Certificate (Item wise) (As per technical specification)	Page No.		Yes		No	
11. Photocopy of PAN	Page No.		Yes		No	
12. Photocopy of GST clearance certificate	Page No.		Yes		No	
13. Copy of original Tender and schedules, duly signed by the Tenderer No.	Page No.		Yes		No	

Signature of the Bidders

List of Equipments, Instruments and Furniture for Price Bid (Cover "B")

SI No.	Name of Items	Company Name	Rate per unit (exclusive of tax and other charges)	Tax amount if any with detail(GST if applicable)	Other incidental charges if any specify in details	Total amount(Rs.)	Remarks

Price of each item (s) quoted should be mentioned separately by creating separate rows for each item

* GST which will be chargeable on the price (3) shall be mentioned separately in column 7 above.

** The cost of turnkey shall only be quoted if any specific accessories/item is required for installation & commissioning. In case of turnkey, the details of accessories/item are to be mentioned.

Date :
Place :

Signature of the Bidder:
Name

1. Rates should be quoted both in figures & words for each item and if there is any discrepancy, the quoted rates in words will be taken for evaluation.

2. The tenderer has to mention the make / brand, specification, warranty of all the items in turn key.


Chief District Medical & PHO
Kalahandi