

REQUEST FOR PROPOSAL

REGIONAL CENTRE ECHS, EMBASSY OF INDIA, KATHMANDU

INVITATION OF BIDS FOR SUPPLY AND INSTALLATION OF MEDICAL EQUIPMENT'S FOR ECHS POLYCLINICS AT BUTWAL

REQUEST FOR PROPOSAL (RFP) NO 02 OF 2025 DATED 11 MAR 2025

1. Bids in sealed cover are invited for supply and installation of medical equipment (listed in part-III) for ECHS Polyclinic Butwal of this RFP. Please super scribe the above mentioned title, RFP number and date of opening of the Bids on the sealed cover to avoid the Bid being declared invalid.

2. The address and contact numbers for sending Bids or seeking clarification regarding this RFP are given below:-

- | | | | |
|-----|---|---|--|
| (a) | Bids/Queries to be addressed to | : | Regional Centre ECHS
Defence Wing
Embassy of India
Kathmandu, Nepal |
| (b) | Name/designation of the contact personnel | : | AMA (ECHS)
ECHS Branch,
Defence Wing,
Embassy of India,
Kathmandu |
| (c) | Telephone number of contact personnel | : | 01-4430520 |
| (d) | Fax number | : | 01-4001569 |
| (e) | Email address | : | amaechs.kathmandu@mea.gov.in |

3. This RFP is divided into five Parts as follows :-

(a) **Part I-** Contains General Information and instructions for the Bidders about the RFP such as the time, place of submission and opening of tenders, validity period of tenders, etc.

(b) **Part II-** Contains essential details of the items/services required, such as the Schedule of Requirements (SOR), Technical Specifications, Delivery Period, Mode of Delivery and Consignee details.

(c) **Part III-** Contains Standard Conditions of RFP, which will form part of the Contract with the successful Bidder.

(d) **Part IV-** Contains Standard Conditions applicable to this RFP and which will also form part of the contract with the successful Bidder.

(e) **Part V-** Contains Evaluation Criteria and Format for Price Bids.

4. This RFP is being issued with no financial commitment and the out worker Buyer reserves the right to change or vary any part thereof at any stage. Buyer also reserves the right to withdraw the RFP, should it become necessary at any stage.

PART I- GENERAL INFORMATION AND INSTRUCTIONS FOR THE BIDDERS

1. **Last date and time for depositing the Bids.** **19 Mar 2025** by **1700 hrs**. The sealed Bids both Technical and Commercial (separate envelope) should be deposited/ reach by the due date and time. The responsibility to ensure this lies with the Bidder.
2. **Manner of depositing the Bids.** Sealed Bids should be dropped in the Tender Box in two separate parts, i.e. Technical and Commercial. Technical and Commercial offers will be submitted in separate envelopes marked "Technical Offers" and "Commercial Offers" respectively at the address given above so as to reach by due date and time. Late tenders will not be considered. No responsibility will be taken for postal delay or no-delivery/ non-receipt of Bid documents. Bids sent by Fax or E-mail will not be considered.
3. **Time and date for opening of Technical Bids.** **Opening of Technical Bids will be conducted at the office of AMA (ECHS), Embassy of India, Kathmandu at 1500 hrs on 20 Mar 2025 and date of opening of Financial Bids will be intimated after finalization of Technical Board.** The firms which qualify technical bids as per norms of RFP will be allowed to participate in financial bid. (If due to any exigency, the due date for opening of the Bids is declared a closed holiday, the Bids will be opened on the next working day at the same time or on any other day/time, as intimated by the Buyer).
4. **Location of the Tender Box.** **Defence Wing, Regional Centre ECHS, Embassy of India, Kathmandu.** Only those Bids that are found in the tender box will be opened. Bids dropped in the wrong Tender Box will be rendered invalid.
5. **Place of Opening of the Bids.** **Defence Wing, Regional Centre Branch, Embassy of India, Kathmandu.** The Bidders may depute their representatives, duly authorized in writing, to attend the opening of Bids on the due date and time. Rates and important commercial/technical clauses quoted by all Bidders will be read out in the presence of the representatives of all the Bidders. This event will not be postponed due to non-presence of your representative.
6. **Two-Bid System.** Only the Technical Bid would be opened on the time and date mentioned above. Date of opening of the Commercial Bid will be intimated after acceptance of the Technical Bids. Commercial Bids of only those firms will be opened, whose Technical Bids are found compliant/suitable after Technical evaluation is done by the Buyer.
7. **Forwarding of Bids.** Bids should be forwarded by Bidders under their original memo/letter pad inter alia furnishing details like TIN number, VAT/CST number, Bank address with EFT Account if applicable, etc and complete postal & e-mail address of their office. Copies of **firm registration certificate, VAT/PAN registration certificate of the firm, and other relevant papers and original EMD** must be enclosed in the sealed tender.

8. **Clarification regarding contents of the RFP.** A prospective bidder who requires clarification regarding the contents of the bidding documents shall notify to the Buyer in writing about the clarifications sought not later than 05 (Five) days prior to the date of opening of the Bids. Copies of the query and clarification by the Purchaser will be sent to all prospective bidders who have received the bidding documents.

9. **Modification and withdrawal of Bids.** A Bidder may modify or withdraw his bid after submission provided that the written notice of modification or withdrawal is received by the Buyer prior to deadline prescribed for submission of bids. A withdrawal notice may be sent by fax but it should be followed by a signed confirmation copy to be dropped at the above address and such signed confirmation should reach the purchaser not later than the deadline for submission of bids. No bid shall be modified after the deadline for submission of bids. No bid may be withdrawn in the interval between the deadline for submission of bids and expiration of the period of bid validity specified. Withdrawal of a bid during this period will result in Bidder's forfeiture of bid security.

10. **Clarification regarding contents of the Bids.** During evaluation and comparison of bids, the Buyer may, at its discretion, ask the bidder for clarification of his bid. The request of clarification will be given in writing and no change in prices or substance of the bid will be sought, offered or permitted. No post-bid clarification on the initiative of the bidder will be entertained.

11. **Rejection of Bids.** Any offer received incomplete or ambiguous is likely to be rejected at the discretion of the Buyer without recourse to further clarifications. The Buyer also reserves the right to seek clarification with one or more Vendors, if considered necessary and also not accept any offer at all in case they are not reasonable prices. Canvassing by the Bidder in any form, unsolicited letter and post-tender correction may invoke summary rejection with forfeiture of EMD. Conditional tenders will be rejected.

12. **Unwillingness to quote.** Bidders unwilling to quote should ensure that intimation to his effect reaches before the due date and time of opening of the Bid, failing which the defaulting Bidder may be delisted for the given range of items as mentioned in this RFP.

13. **Validity of Bids.** The Bids should remain valid for a minimum **180 days** from the last date of submission of the Bids.

14. **Earnest Money Deposit.** Bidders are required to submit Earnest Money Deposit (EMD) 5% of their estimated bids. The EMD may be submitted in the form of a Bank Guarantee from any of the public sector Banks or a private sector Bank authorized to conduct government business or account payee cheque. EMD is to remain valid for a period of **90 days** beyond the final bid validity period. EMD of the unsuccessful bidders will be returned to them at the earliest after expiry of the final bid validity and latest on or before the 30th day after the award of the contract. The Bid Security of the successful bidder would be returned, without any interest whatsoever, after the receipt of Performance Security from them as called for in the contract. The EMD will be forfeited if the bidder withdraws or amends, impairs or derogates from the tender in any respect within the validity period of their tender.

15. The format for the acceptance to the terms and conditions for the procurement are attached as **Appendix A**. These will be signed by the authorised company representative and stamped with the company stamp.

16. You are requested to send your best offer in the office of the undersigned before last date & time of submission of bids. Any offer received after this may be rejected at the discretion of the Buyer.

17. Please ensure that this is your best and final offer.

Note Vendors will submit their technical and commercial bids on the original tender document (including its appendices and annexure). Photocopies will not be accepted.

PART II- ESSENTIAL DETAILS OF THE ITEMS REQUIRED

1. Schedule of Requirements – List of Medical Equipment's required are as follows:

<u>S No</u>	<u>Nomenclature</u>	<u>Qty</u>	<u>Remarks</u>
General Medical Equipment			
1	Stool adjustable with SS top	6	
2	Outfit resuscitation Ambu MK-III	1	
3	Cylinder Oxygen O2 40 Ltr	2	
4	Cylinder Oxygen key spanner for	2	
5	Cylinder Oxygen stand	2	
6	Oxygen Concentrator	1	
7	Forceps artery curved on flat 12.5 cm	1	
8	Forceps artery (Spencer well) straight boxjoint 13 cm	1	
9	Forceps dissecting 15 cm	1	
10	Forceps dissecting toothed 13 cm	1	
11	Forceps toothed 18 cm	1	
12	Forceps sinus	1	
13	Forceps sterilizer (Kettle)	2	
14	Needle, Holder (Mayo), 19cm, Box joint	2	
15	Precursors	3	
16	Scissors, dressing, soap and Blunt, 14 cm long, stainless steel	1	
17	Scissors, dressing straight, both points sharp 12.5 cm	1	
18	Scissor	1	
19	Syringe and Needle destroyer	1	
20	Tape, measure, Linen 1.5 mtr	3	
21	Tourniquet (Singer)	1	
22	Bowl, stainless steel, 10cm	4	
23	Bowl, stainless steel, 20cm	2	
24	Bowl, stainless steel 25cm	1	
25	Bowl, stainless steel, 35cm	1	
26	Body meter for Height measure	1	
27	Mattress Foam Rubber	1	
28	Mattress Foam Rubber Cover for	2	
29	Thermometer Oran Clinical	3	
30	Tray, E.I, Deep, size 45cm x 30 cm	1	
31	Tray SS, Kidney shape 25 cm	2	
32	Tray, E.I., Shallow, Size 35cmx30 cm	1	
33	Tray, E.I. Shallow, Size 27.50cm x 22.50cm	1	
34	Stand, Transfusion, Metal (UK Pattern)	1	
35	ECG Machine	1	
36	Monitor Defibrillator	1	
37	Lamp Operating shadow less	1	
38	Lamp Operating halogen bulb for	1	
39	Nebuliser	1	
40	Cabinet Instrument overall	2	
41	Cabinet Instrument	2	
42	Cabinet Instrument hook for	2	
43	Cabinet medicines and table combined	2	
44	Shelf 68x45 cm	2	

<u>S No</u>	<u>Nomenclature</u>	<u>Qty</u>	<u>Remarks</u>
45	Shelf SS	2	
46	Table Instruments Folding	2	
47	Table Instruments non- folding	4	
48	Wheel Chair Folding	1	
49	Wheel Chair non-Folding	1	
50	Stethoscope	5	
51	Examination torch	5	
52	Tuning Forks 1024	1	
53	Sphygmoma nometer aneroid	1	
54	Tongue depressor 1.9 cm wide	3	
55	Tongue depressor 1.25 cm wide	3	
56	Nasal Speculum 3 cm	2	
57	Nasal Speculum 5 cm	2	
58	Auroscope (set complete) with Speculum large, medium and small, case and spare bulbs (2 each)	2	
59	Tuning Forks 256	1	
60	Tuning Forks 512	-	
61	Ophthalmoscope Binocular	2	
62	Snellens chart Board type	3	
63	Near vision Chart	3	
64	Pulse Oxymeter	1	
65	DiQital BP Apparatus	3	
66	Hi-Lo Bed	1	
67	Crash Cart Trolley	1	
68	Electric boiling water sterilizer	3	
69	Short wave Diathermy	1	
70	Wax Bath	1	
71	Interferential Therapy	1	
72	Ultrasound Therapy	1	
73	Infra red Lamp	1	
74	Shoulder exercise system	1	
75	NMES electrical stimulator unit	1	
76	Parallel bar walkway	1	
<u>Gynae Equipment</u>			
77	Depressor, Vaginal (Sims)	1	
78	Gynae Exam Table	1	
79	Sponge holder forceps	2	
80	Sterilizer	1	
81	Cervical punch biopsy forceps, carbon steel chromium plated	1	
82	Electronic adult weighing machine	1	
83	Digital automatic blood pressure monitor	1	
84	Cusco"s vaginal self estaining bivalved speculum	1	
85	OT light	1	
<u>Dental Equipment</u>			
86	Pantographic dental chair & unit with complete attachment	2	
87	Front loading table top autoclave	2	
88	Dental X-Ray system prolix complete with processing unit	2	

<u>S No</u>	<u>Nomenclature</u>	<u>Qty</u>	<u>Remarks</u>
89	Ultrasonic Scalar	2	
90	Glass bead sterilizer	2	
91	Set of plastic filling instruments	8	
92	Set of exodontias forceps, elevators & criers (for adults & children)	2	
93	Endo box	2	
94	Ultraviolet storage cabinet	2	
95	Needle destroyer	2	
96	Ultra Sonic Cleaner (for instruments)	2	
97	Surgical micrometer	2	
98	Matrix retainer with SS bands (Ivory & Toffemine)	2	
99	Artery forceps straight and curved (14 cm/12 cm)	2	
100	BP knife handle	2	
101	Period steal elevator	2	
102	Scissors surgical st and curved	2	
103	Syringe hypodermic cartridqe type	8	
104	Rongeur's forceps	2	
105	File Alveolectomy	2	
106	Sterilizer high pressure steam drum shallow & deep	4	
107	Chattel forceps	2	
108	Inspection set {Probe, Major}	50	
109	Waste receiver	2	
110	Mixing slab glass	4	
111	SS tray with lid (small & medium)	2	
112	Kidney trays	6	
113	Plugged root canal	2	
114	Needle holder	4	
115	RVG (Radio Visuography unit with flexible sensor and Infr oral camera, Monitor/PC and accessories) with Dental Xray	2	
116	Fumigation Machine	2	
117	Digital Apex Locators for endodontic	2	
118	Rotary Motor (Endo) with hand piece	4	
<u>Physiotherapy Equipment</u>			
119	Short wave Diathermy	1	
120	Interferential Therapy	1	
121	Ultrasound Therapy	1	
122	Infra red Lamp	1	
123	Shoulder exercise system	1	
124	NMES electrical stimulator unit	1	
<u>Laboratory Equipment</u>			
125	Automatic Hematology Analyser	1	
126	Microscope	1	
127	Water Bath	1	
128	Calorimeter	1	
129	Timer	1	
130	Semi auto analyser for Biochemistry	1	
131	Centrifuse	1	
132	Hot air oven	1	

<u>S No</u>	<u>Nomenclature</u>	<u>Qty</u>	<u>Remarks</u>
133	I Chroma immuneassay analyser	1	
134	Micropipettes (5-50 micro ltr)	1	
135	Micropipettes (10-100 micro ltr)	1	
136	Micropipettes (10-1000 micro ltr)	1	
137	ESR Stand	1	
Furniture Items			
138	Bed Stead Iron Hospital	1	
139	Bed Stead Fowler	1	
140	Table Bedside Type II	2	
141	Stool Steel	3	
142	Step Two tier	5	
143	Table 90 cm x 60cms Stainless steel	2	
144	Screen Movable	2	
145	Patient Trolley Stretcher	2	
146	Revolving Stool	14	
147	Receptacle Large 75 Ltrs	6	
148	IV Fluid Stand	2	
149	Examination Couch	5	
150	Cylinder Trolley	1	
151	Board Notice	2	
152	Lateral Filing Cabinet 3 drawer	3	
153	Rack Adjustable closed on 3 sides 6 tiers	9	
154	Rack Adjustable open	8	
155	Chair CB (without arms)-stackable-visitor	5	
156	Chair CBA (visitor) - with padded arm	12	
157	Chair CB Elevated and Rotating	2	
158	Chair Executive Revolving Low Back with push back with castors	8	
159	Computer Chair with Arm on Castors	3	
160	Computer Chair without Arm on Castors	1	
161	Chair Folding Multi seater set of 3	15	

2. **Technical Details:-**

Item	Minimum acceptable specs	Specs being provided by bidder alongwith make/made and model
<u>General Medical Equipment</u>		
Stool adjustable with SS top	a) Revolving stool for patients with four legs b) Stainless steel top & steel frame c) Weight capacity upto 100 kg.	
Outfit resuscitation Ambu MK-III	a) Self-inflating and compressible balloon in transparent silicon with mask and oxygen reservoir bag b) Max. bag volume- 1500 mL c) Air intake valve d) Patient valve connection e) Autoclavable	
Cylinder Oxygen O2 40 Ltr	a) D-type high pressure seamless cylinder for medical oxygen gas b) Cylinder made from manganese steel c) 46.7 Ltr water capacity (220 Cu Ft) d) Fitted with bull nose type valve and neck cap e) Valve made of brass and chrome plated f) Matching Key cum spanner to release oxygen for each cylinder separately	
Cylinder Oxygen key spanner for	-	
Cylinder Oxygen stand	a) D-type oxygen cylinder trolley b) Steel tubular framework fitted with two wheels	
Oxygen Concentrator	a) Oxygen Purity: 93% \pm 3% at 5 LPM and 93% \pm 3% at 3 LPM b) Oxygen Flow: 0.5 - 5 LPM c) Delivery Method: Continuous Outlet Pressure: 7.2 - 7.5 psi	
Forceps artery curved on flat 12.5 cm	a) Material- Surgical grade stainless Steel b) Length- 12.5 cm	
Forceps artery (Spencer well) straight boxjoint 13 cm	a) Material- Surgical grade stainless Steel b) Length- 13 cm	
Forceps dissecting 15 cm	a) Material- Surgical grade stainless Steel b) Length- 15 cm	
Forceps dissecting toothed 13 cm	a) Material- Surgical grade stainless Steel b) Length- 13 cm	

Item	Minimum acceptable specs	Specs being provided by bidder alongwith make/made and model
Forceps toothed 18 cm	a) Material- Surgical grade stainless Steel b) Length- 18 cm c) toothed jaws for secure grip	
Fcreeps sinus	a) Material- Surgical grade stainless Steel b) Length- varying to accommodate different sinus depths and surgical approaches	
Forceps sterilizer (Kettle)	a) Material- Surgical grade stainless Steel b) Length- 25-30 cm c) Locking mechanism to hold it firmly	
Needle, Holder (Mayo), 19cm, Box joint	a) Material- Surgical grade stainless Steel b) Length- 15-20 cm c) Locking mechanism to hold it firmly d) Wide, sturdy jaws with cross serrations	
Precursors	a) Material- Rubber/ plastic/ Metal b) Size- Variable c) Weight- Light	
Scissors, dressing, soap and Blunt, 14 cm long, stainless steel	Material: Made of stainless steel for durability, strength, and corrosion resistance. Length: 14 cm for easy handling and precise cutting. Design: Blunt tips for safe cutting of dressings and bandages without damaging underlying tissue. Soap design (slightly curved or straight) for effective use in medical dressings. Application: Primarily used for cutting bandages, dressings, and gauze in medical and surgical settings. Sterilization: Autoclavable for repeated use and easy cleaning.	

Item	Minimum acceptable specs	Specs being provided by bidder alongwith make/made and model
Scissors, dressing straight, both points sharp 12.5 cm	<p>Material: Made of stainless steel for durability, strength, and resistance to corrosion.</p> <p>Length: 12.5 cm for precise control during use.</p> <p>Design: Straight blades with both sharp points for accurate and clean cutting of dressings and bandages.</p> <p>Ergonomic handle for a secure, comfortable grip.</p> <p>Application: Used for cutting bandages, dressings, and gauze in medical settings.</p> <p>Sterilization: Autoclavable for easy sterilization and repeated use.</p>	
Scissor	<p>Material: Made of stainless steel for strength, durability, and corrosion resistance.</p> <p>Blade Type: Available in sharp or blunt tips, with straight or curved blades for specific cutting needs.</p> <p>Length: Typically ranges from 5 cm to 20 cm, depending on the application.</p> <p>Handles: Ergonomically designed for a secure and comfortable grip.</p> <p>Application: Used for cutting various materials such as fabrics, dressings, or medical instruments, depending on the type (e.g., surgical, dental, or utility scissors).</p> <p>Sterilization: Autoclavable for easy cleaning and repeated use.</p>	
Syringe and Needle destroyer	<p>Material: Made of stainless steel or high-quality plastic for durability and easy cleaning.</p> <p>Power Supply: Operates on 220V-240V AC with electrical heating element.</p> <p>Function: Designed to destroy needles and syringes by cutting or incinerating them to prevent reuse and ensure safe disposal.</p> <p>Operation: Automatic or manual activation for destruction, with high-temperature wire for quick destruction.</p> <p>Safety Features: Overheat protection, automatic shut-off, and safety switch to prevent accidents.</p> <p>Application: Used in medical facilities for safe disposal of used syringes and needles.</p> <p>Design: Compact and portable for easy use and storage.</p>	

Item	Minimum acceptable specs	Specs being provided by bidder alongwith make/made and model
Tape, measure, Linen 1.5 mtr	<p>Material: Made of linen or cloth for flexibility and durability.</p> <p>Length: 1.5 meters (150 cm) for measuring small to medium distances.</p> <p>Width: Typically 1 cm to 2 cm for ease of handling and precise measurements.</p> <p>Measurement Units: Centimeter and inch markings for versatile use.</p> <p>Design: Soft, flexible, and non-stretchable to ensure accurate readings.</p> <p>Application: Used for measuring body dimensions, fabric, or small objects in medical, tailoring, or personal applications.</p> <p>Storage: Compact and rollable for easy storage and portability.</p>	
Tourniquet (Singer)	<p>Material: Made of durable, high-quality rubber or latex-free material for safe use.</p> <p>Length: Typically around 45-60 cm for effective application.</p> <p>Width: 2-3 cm for secure tightening and pressure control.</p> <p>Design: Singer-style with a metal buckle or adjustable mechanism for precise pressure control.</p> <p>Function: Used to restrict blood flow during medical procedures or emergencies to control bleeding.</p> <p>Application: Primarily used in emergency situations or surgical procedures to control hemorrhage.</p> <p>Sterilization: Re-usable and easy to clean for multiple uses.</p>	
Bowl, stainless steel, 10cm	<p>Material: Made of high-quality stainless steel for durability and corrosion resistance.</p> <p>Size: 10 cm diameter for small to medium tasks.</p> <p>Design: Smooth, rounded edges for ease of handling and cleaning.</p> <p>Weight: Lightweight and sturdy for stability during use.</p> <p>Application: Used in medical, dental, and laboratory settings for holding liquids, instruments, or materials.</p> <p>Sterilization: Autoclavable for repeated use and easy sterilization</p>	

Item	Minimum acceptable specs	Specs being provided by bidder alongwith make/made and model
Bowl, stainless steel, 20cm	<p>Material: Made of high-quality stainless steel for durability and resistance to corrosion.</p> <p>Size: 20 cm diameter, ideal for medium to large tasks.</p> <p>Design: Smooth, rounded edges for safe handling and easy cleaning.</p> <p>Weight: Lightweight yet sturdy, providing stability during use.</p> <p>Application: Used in medical, dental, laboratory, and culinary settings for holding liquids, instruments, or materials.</p> <p>Sterilization: Autoclavable for safe sterilization and repeated use.</p>	
Bowl, stainless steel 25cm	<p>Material: Made of high-quality stainless steel for durability and resistance to corrosion.</p> <p>Size: 25 cm diameter, suitable for larger tasks and holding significant volumes.</p> <p>Design: Smooth, rounded edges for safe handling and easy cleaning.</p> <p>Weight: Sturdy yet lightweight for stability and ease of use.</p> <p>Application: Used in medical, dental, laboratory, and culinary settings for holding liquids, instruments, or materials.</p> <p>Sterilization: Autoclavable for safe sterilization and repeated use.</p>	
Bowl, stainless steel, 35cm	<p>Material: Made of high-quality stainless steel for durability, corrosion resistance, and easy cleaning.</p> <p>Size: 35 cm diameter, suitable for large tasks or holding substantial volumes.</p> <p>Design: Smooth, rounded edges for safe handling and ease of use.</p> <p>Weight: Sturdy yet lightweight, offering stability during use.</p> <p>Application: Ideal for medical, dental, laboratory, and industrial applications for holding liquids, instruments, or materials.</p> <p>Sterilization: Autoclavable for safe and repeated use.</p>	

Item	Minimum acceptable specs	Specs being provided by bidder alongwith make/made and model
Body meter for Height measure	<p>Material: Made of durable, high-quality steel or plastic for long-lasting use.</p> <p>Scale: Metric (cm) and Imperial (ft/inches) measurements for versatile height tracking.</p> <p>Design: Portable, lightweight, and compact for easy storage and transport.</p> <p>Height Range: Typically measures from 60 cm to 200 cm or 2 ft to 7 ft.</p> <p>Precision: Clear, easy-to-read markings for accurate height measurement.</p> <p>Application: Used in medical clinics, fitness centers, and health assessments to measure a person's height.</p>	
Mattress Foam Rubber	<p>Material: High-quality foam rubber.</p> <p>Density: Medium to high density for optimal support.</p> <p>Thickness: Typically 5-15 cm, customizable.</p> <p>Size: Customizable to fit standard mattress sizes.</p> <p>Durability: Long-lasting, resistant to wear and tear.</p> <p>Comfort: Provides firm or medium support for sleep.</p> <p>Cover: Can come with a protective, washable cover (optional).</p> <p>Use: Suitable for beds in homes, hospitals, or clinics.</p>	
Mattress Foam Rubber Cover	<p>Material: High-quality foam rubber with durable fabric cover.</p> <p>Size: Customizable to fit various mattress sizes.</p> <p>Cover: Waterproof or fabric, easy to clean and maintain.</p> <p>Thickness: Varies, typically 5-10 cm.</p> <p>Density: Medium to high density for comfort and support.</p> <p>Durability: Tear and wear-resistant.</p> <p>Use: Provides comfort and protection for mattresses in medical, hospital, or home settings.</p> <p>Additional Features: Hypoallergenic, breathable, and antibacterial properties in some models.</p>	

Item	Minimum acceptable specs	Specs being provided by bidder alongwith make/made and model
Thermometer Oran Clinical	<p>Type: Oral clinical thermometer.</p> <p>Material: Non-toxic, durable plastic or glass.</p> <p>Measurement Range: Typically 35°C to 42°C.</p> <p>Accuracy: $\pm 0.1^{\circ}\text{C}$.</p> <p>Display: Clear, easy-to-read digital or mercury scale.</p> <p>Time: Fast readings (usually within 1-3 minutes).</p> <p>Battery: For digital models, typically uses a small battery (e.g., LR41).</p> <p>Safety: Shatterproof design (for digital types) or protective casing (for glass).</p> <p>Use: For measuring body temperature via the mouth.</p> <p>Additional Features: Fever alert, automatic shut-off in some models.</p>	
Tray, E.I, Deep, size 45cm x 30 cm	<p>Material: High-quality stainless steel (E.I. grade).</p> <p>Dimensions: 45 cm (length) x 30 cm (width).</p> <p>Depth: Deep design for holding larger volumes or instruments.</p> <p>Finish: Smooth, corrosion-resistant surface.</p> <p>Use: Suitable for medical, surgical, or laboratory applications.</p> <p>Durability: Strong, rust-resistant, and easy to clean.</p> <p>Weight: Lightweight and easy to handle.</p>	
Tray SS, Kidney shape 25 cm	<p>Material: Stainless steel (SS).</p> <p>Dimensions: 25 cm in length.</p> <p>Shape: Kidney-shaped for easy handling and access.</p> <p>Finish: Smooth, corrosion-resistant surface.</p> <p>Use: Ideal for surgical or medical instruments, or specimen collection.</p> <p>Durability: Strong, rust-resistant, and easy to clean.</p> <p>Weight: Lightweight and easy to handle.</p>	
Tray, E.I., Shallow, Size 35cmx30 cm	<p>Material: High-quality stainless steel (E.I. grade).</p> <p>Dimensions: 35 cm (length) x 30 cm (width).</p> <p>Depth: Shallow design for easy access.</p> <p>Finish: Smooth, corrosion-resistant surface.</p> <p>Use: Suitable for medical, surgical, or laboratory instruments.</p> <p>Durability: Strong, rust-resistant, and easy to clean.</p> <p>Weight: Lightweight and easy to handle.</p>	

Item	Minimum acceptable specs	Specs being provided by bidder alongwith make/made and model
Tray, E.I. Shallow, Size 27.50cm x 22.50cm	<p>Material: High-quality stainless steel (E.I. grade).</p> <p>Dimensions: 27.5 cm (length) x 22.5 cm (width).</p> <p>Depth: Shallow design for easy access to contents.</p> <p>Finish: Smooth, corrosion-resistant surface.</p> <p>Use: Ideal for medical, surgical, or laboratory instruments.</p> <p>Durability: Strong, resistant to rust and staining.</p> <p>Weight: Lightweight, easy to handle and clean.</p>	
Stand, Transfusion, Metal (UK Pattern)	<p>Material: High-quality stainless steel or durable metal.</p> <p>Design: UK pattern, sturdy with a stable base.</p> <p>Height: Adjustable, typically 120-200 cm.</p> <p>Capacity: Holds 1-2 transfusion bags or IV fluids.</p> <p>Wheels: Equipped with lockable caster wheels for easy mobility.</p> <p>Pole: Multiple hooks for hanging bags.</p> <p>Base: Weighted or tripod design for stability.</p> <p>Finish: Corrosion-resistant, easy to clean.</p> <p>Use: For administering blood transfusions or IV fluids in medical settings.</p>	
ECG Machine	<p>Channels: 3, 6, or 12 channels.</p> <p>Display: LCD or LED screen for waveforms.</p> <p>Recording Speed: 25 mm/s or 50 mm/s.</p> <p>Power Source: AC-powered, with battery backup.</p> <p>Resolution: 1-2 mm for clear readings.</p> <p>Paper Size: Standard (A4 or 80mm width).</p> <p>Input: Electrodes or leads (usually 5 or 10).</p> <p>Storage: Built-in memory or USB for data storage.</p> <p>Features: Rhythm analysis, heart rate monitoring, and diagnostic interpretation.</p> <p>Connectivity: USB, Wi-Fi, or Bluetooth for data transfer.</p> <p>Portability: Compact, lightweight design for easy use in clinical settings.</p>	

Item	Minimum acceptable specs	Specs being provided by bidder alongwith make/made and model
Monitor Defibrillator	<p>Type: Biphasic or monophasic defibrillator.</p> <p>Monitor: Built-in ECG for heart rate and rhythm display.</p> <p>Energy Settings: Adjustable (typically 1-200 joules).</p> <p>Power Source: AC-powered, battery backup.</p> <p>Display: Digital or LCD screen with clear waveforms.</p> <p>Size: Portable, compact design.</p> <p>Weight: Typically 5-10 kg.</p> <p>Functions: Defibrillation, ECG monitoring, pacing, and alarm features.</p> <p>Safety: CPR feedback, shock advisory, and protection features.</p> <p>Additional Features: Manual and automatic modes, wireless connectivity in some models.</p>	
Lamp Operating shadow less	<p>Light Source: LED or halogen.</p> <p>Brightness: 100,000 to 160,000 lux.</p> <p>Color Temperature: 4000K to 5000K (natural white light).</p> <p>Adjustability: Position, intensity, and angle adjustable.</p> <p>Power: 110V-240V AC.</p> <p>Lamp Type: Ceiling-mounted, wall-mounted, or mobile.</p> <p>Heat Emission: Minimal heat generation.</p> <p>Bulb Life: 50,000 to 100,000 hours (LED).</p> <p>Design: Shadow-free illumination, even in deep cavities.</p> <p>Safety: Overheat protection and durable construction.</p>	
Lamp Operating halogen bulb	<p>Light Source: Halogen bulb (1000-1500 lumens).</p> <p>Color Temperature: 3000-3500K.</p> <p>Power: 12V-24V.</p> <p>Adjustability: Flexible arm and head.</p> <p>Bulb Life: 2000-4000 hours.</p> <p>Material: Durable metal/aluminum.</p> <p>Heat Emission: Low.</p> <p>Mounting: Wall, ceiling, or floor-mounted.</p> <p>Safety: Overheat protection.</p>	

Item	Minimum acceptable specs	Specs being provided by bidder alongwith make/made and model
Nebuliser	<p>Type: Compressor, ultrasonic, or mesh.</p> <p>Power: Electric (AC), battery, or rechargeable.</p> <p>Noise Level: 50-60 dB.</p> <p>Capacity: 5-10 mL medication.</p> <p>Particle Size: 1-5 microns.</p> <p>Flow Rate: 0.2-0.8 mL/min.</p> <p>Mouthpiece/Mask: Includes options for adults and children.</p> <p>Airflow: Adjustable settings.</p> <p>Size: Compact, 10-20 cm height.</p> <p>Weight: 0.5-2 kg.</p> <p>Material: Durable, non-toxic plastic.</p> <p>Safety: Auto shut-off, overload protection.</p> <p>Additional Features: Easy to clean, some with LCD screens or quiet operation.</p>	
Cabinet Instrument overall	<p>Material: Stainless steel, mild steel, or durable wood/MDF for strength and longevity.</p> <p>Dimensions: Typically ranges from 60-120 cm (height), 40-100 cm (width), and 30-60 cm (depth), depending on use.</p> <p>Storage: Multiple shelves, drawers, and compartments to organize instruments and supplies efficiently.</p> <p>Doors: Swing, sliding, or tambour doors, often with transparent glass panels for visibility.</p> <p>Locking Mechanism: Keyed or electronic locks to secure instruments.</p> <p>Weight Capacity: Varies, but generally between 30-100 kg depending on design and material.</p> <p>Finish: High-quality, corrosion-resistant finish (polished or matte) for durability and easy cleaning.</p> <p>Shelves: Adjustable shelves to accommodate various sizes of instruments and tools.</p> <p>Handles: Ergonomic handles or knobs for easy access.</p> <p>Safety Features: Anti-tip design, rounded edges, and sturdy construction to prevent accidents.</p> <p>Portability: Some models feature wheels or casters for easy movement, while others are stationary.</p> <p>Ventilation: Some cabinets may feature ventilation holes or fans for airflow if required for sensitive instruments.</p> <p>Additional Features: UV sterilization or anti-bacterial surfaces, depending on the specific needs of the instruments being stored.</p> <p>Use: Ideal for clinics, hospitals, laboratories, or medical offices to store and organize medical, surgical, or laboratory instruments safely.</p>	

Item	Minimum acceptable specs	Specs being provided by bidder alongwith make/made and model
Cabinet Instrument	<p>Material: Stainless steel, mild steel, or durable MDF/wood.</p> <p>Dimensions: Varies; typically 60-120 cm (height), 40-80 cm (width), and 30-50 cm (depth).</p> <p>Design: Storage space with shelves, drawers, and compartments for organizing instruments.</p> <p>Storage Capacity: Sufficient to hold medical or surgical instruments, tools, and accessories.</p> <p>Shelving: Adjustable shelves for flexible storage.</p> <p>Doors: Swing or sliding doors, often with glass panels for visibility or solid doors for secure storage.</p> <p>Locking Mechanism: Keyed or electronic locks for security, ensuring safe storage of valuable or sensitive instruments.</p> <p>Weight Capacity: Varies depending on the cabinet size and material, typically 20-50 kg.</p> <p>Finish: Polished stainless steel or matte/wood finish for easy maintenance and durability.</p> <p>Handles: Ergonomic handles or knobs for easy access.</p> <p>Safety: Rounded edges and anti-tip design for stability.</p> <p>Additional Features: Some models may have ventilation holes, temperature control, or UV sterilization features.</p> <p>Use: Ideal for medical offices, laboratories, or clinics for storing instruments and supplies.</p>	
Cabinet Instrument hook	<p>Material: Typically stainless steel, aluminum, or durable plastic.</p> <p>Size: Varies based on cabinet design; hooks usually 5-10 cm in length.</p> <p>Design: Multiple hooks or bars mounted inside a cabinet for hanging instruments.</p> <p>Weight Capacity: Each hook typically supports 1-3 kg (varies by material).</p> <p>Mounting: Wall-mounted inside cabinets or integrated into cabinet doors.</p> <p>Finish: Smooth, polished or matte finish for easy cleaning and durability.</p> <p>Adjustability: Some models have adjustable or removable hooks for versatility.</p> <p>Safety: Rounded edges or protective coverings to prevent injury.</p> <p>Usage: Used for hanging medical instruments, tools, or small equipment in cabinets or storage areas.</p> <p>Durability: Designed for heavy-duty use, resistant to rust and wear.</p> <p>Additional Features: Some may include hooks with rubber tips for added grip and protection for instruments.</p>	

Item	Minimum acceptable specs	Specs being provided by bidder alongwith make/made and model
Cabinet medicines and table combined	<p>Dimensions: Varies by model; typically around 100-120 cm in height and 60-80 cm in width.</p> <p>Material: High-quality wood, stainless steel, or MDF for durability and easy cleaning.</p> <p>Design: Combination of a table (for work/storage) with an integrated cabinet for medicine storage.</p> <p>Storage:</p> <p>Cabinet: Multiple shelves or drawers for storing medicines, bottles, and medical supplies.</p> <p>Tabletop: Flat, smooth surface for writing, organizing, or additional storage.</p> <p>Capacity: Sufficient to store medical items, including bottles, boxes, and equipment.</p> <p>Finish: Polished wood or matte/metal finish for aesthetic appeal.</p> <p>Lockable: Often comes with a lockable cabinet to secure medicines.</p> <p>Safety: Rounded edges for safety; anti-tip design if needed.</p> <p>Weight: Medium to heavy, depending on materials (15-50 kg).</p> <p>Additional Features:</p> <p>Adjustable shelves in the cabinet.</p> <p>Handles or knobs for easy drawer access.</p> <p>Legs: Sturdy legs or base for stability, or a flat-bottom design for floor placement.</p> <p>Use: Ideal for clinics, medical offices, pharmacies, or home medical storage.</p>	
Shelf 68x45 cm	<p>Dimensions: 68 cm (width) x 45 cm (depth).</p> <p>Material: Stainless steel, wood, or MDF (depending on model).</p> <p>Load Capacity: Varies by material; typically 20-50 kg.</p> <p>Thickness: Typically 1.2mm to 2mm for steel, or around 15-20mm for wood/MDF.</p> <p>Design: Flat, smooth surface for easy storage and organization.</p> <p>Finish: Polished stainless steel, matte or wood finish for aesthetic appeal.</p> <p>Mounting: Wall-mounted, free-standing, or bracket-supported.</p> <p>Weight: Lightweight to medium, depending on material (around 5-10 kg).</p> <p>Adjustability: Fixed or adjustable height options, depending on design.</p> <p>Use: Suitable for homes, offices, kitchens, or storage spaces.</p> <p>Safety: Rounded edges and stable mounting for safety.</p>	

Item	Minimum acceptable specs	Specs being provided by bidder alongwith make/made and model
Shelf SS	<p>Material: High-quality stainless steel (corrosion-resistant, durable).</p> <p>Size: Customizable; typically ranges from 24" to 48" in width.</p> <p>Thickness: Usually 1.2mm to 2mm for strength and stability.</p> <p>Load Capacity: Varies, typically 50-100 kg depending on size and design.</p> <p>Design: Flat, smooth surface for easy cleaning and maintenance.</p> <p>Mounting: Wall-mounted or free-standing options.</p> <p>Finish: Polished or matte for aesthetic appeal and corrosion resistance.</p> <p>Weight: Varies based on size, typically lightweight yet sturdy.</p> <p>Use: Commonly used in kitchens, laboratories, or commercial spaces.</p> <p>Adjustability: Some models have adjustable height or shelving options.</p> <p>Safety: Rounded edges to prevent injury; anti-slip or stable mounting options.</p>	
Table Instruments Folding	<p>Type: Folding design for easy storage and portability.</p> <p>Material: Typically made of durable metal or high-quality plastic.</p> <p>Surface: Flat, smooth, and stable for secure placement of instruments.</p> <p>Size: Adjustable size, typically compact when folded.</p> <p>Weight: Lightweight for easy handling and transport.</p> <p>Legs: Foldable, sturdy construction for stability during use.</p> <p>Storage: Convenient folding mechanism for compact storage.</p> <p>Adjustability: Some models offer height or angle adjustments for ergonomic use.</p> <p>Durability: Designed for frequent folding and unfolding without wear.</p> <p>Additional Features: Non-slip feet for stability and protection of surfaces.</p> <p>Portability: Comes with handles or carrying cases for ease of transport.</p>	

Item	Minimum acceptable specs	Specs being provided by bidder alongwith make/made and model
Table Instruments non- folding	<p>Frame Material: Steel, Aluminum, Titanium.</p> <p>Size: Compact and stable for table use.</p> <p>Weight Capacity: 100-500 lbs (varies by model).</p> <p>Design: Rigid, non-folding for stability.</p> <p>Height: Fixed or adjustable.</p> <p>Surface: Flat and smooth for easy use.</p> <p>Legs: Sturdy, non-folding.</p> <p>Storage: Fixed shelves/compartments.</p> <p>Material: Wood, metal, or composite.</p> <p>Adjustability: Adjustable components (shelves, trays).</p> <p>Weight: Heavy-duty, depending on size/material.</p> <p>Safety: Anti-slip feet/base.</p>	
Wheel Chair Folding	<p>Frame Material: Steel, Aluminum, or Titanium.</p> <p>Seat Size: Width 16-20 inches, Depth 16-18 inches.</p> <p>Weight Capacity: 250-350 lbs.</p> <p>Wheels: Rear 24 inches, Front 5-8 inches, pneumatic or solid tires.</p> <p>Armrests: Padded, fixed or removable.</p> <p>Footrests: Swing-away or elevating.</p> <p>Backrest: Fixed or adjustable.</p> <p>Brakes: Hand or parking brakes.</p> <p>Foldability: Easily folds for transport and storage.</p> <p>Size: Compact when folded.</p> <p>Adjustability: Adjustable footrests and backrest.</p> <p>Weight: Lightweight for easy handling (15-40 lbs).</p> <p>Accessories: Cup holders, trays, oxygen tank holders.</p> <p>Safety: Anti-tip bars, stable folding design.</p>	
Wheel Chair non-Folding	<p>Frame Material: Steel, Aluminum, or Titanium.</p> <p>Seat Size: Width 16-20 inches, Depth 16-18 inches.</p> <p>Weight Capacity: 250-350 lbs (varies by model).</p> <p>Wheels: Rear 24 inches, Front 5-8 inches, pneumatic or solid tires.</p> <p>Armrests: Padded, fixed or removable.</p> <p>Footrests: Swing-away, elevating, or fixed.</p> <p>Backrest: Fixed or adjustable.</p> <p>Brakes: Hand or parking brakes.</p> <p>Design: Rigid, non-folding for added stability.</p> <p>Adjustability: Adjustable footrests and backrest.</p> <p>Weight: Heavier than folding models (25-50 lbs).</p> <p>Safety: Anti-tip bars, stable frame.</p>	

Item	Minimum acceptable specs	Specs being provided by bidder alongwith make/made and model
Stethoscope	<p>Chest Piece: Single/dual diaphragm, or bell.</p> <p>Material: Stainless steel or aluminum.</p> <p>Tubing: Latex-free, flexible PVC or rubber.</p> <p>Earpieces: Soft, cushioned for comfort.</p> <p>Length: 22-30 inches.</p> <p>Weight: Lightweight to medium.</p> <p>Sound Quality: High acoustic sensitivity.</p> <p>Adjustability: Adjustable headset.</p> <p>Types: Single-head or dual-head.</p> <p>Color: Various options available.</p> <p>Additional Features: Noise-canceling, amplification (on some models).</p>	
Examination torch	<p>Light Source: LED or incandescent.</p> <p>Power: Battery-operated (AA, AAA, or rechargeable).</p> <p>Material: Durable plastic or metal.</p> <p>Beam: Adjustable focus or fixed.</p> <p>Size: Compact and portable.</p> <p>Brightness: Typically ranges from 30 to 150 lumens.</p> <p>Light Color: White or yellow for better visibility.</p> <p>Length: Usually 4 to 6 inches.</p> <p>Switch Type: Push button or twist on/off.</p> <p>Battery Life: Varies, typically 20-50 hours.</p> <p>Features: Lightweight, ergonomic design for easy handling.</p>	
Tuning Forks 1024	<p>Frequency: 1024 Hz (high-pitched tone).</p> <p>Material: Stainless steel or aluminum for durability.</p> <p>Length: Typically 6 to 8 inches.</p> <p>Weight: Light, around 60-70 grams.</p> <p>Use: Primarily for hearing tests, neurological exams, and assessing vibration sense.</p> <p>Tone: Produces a pure, clear tone when struck.</p> <p>Tuning: Accurate to 1024 Hz for consistent frequency.</p> <p>Design: Simple, lightweight, and durable.</p> <p>Portability: Easy to carry and use during exams.</p>	

Item	Minimum acceptable specs	Specs being provided by bidder alongwith make/made and model
Sphygmoma nometer aneroid	<p>Type: Manual blood pressure monitor.</p> <p>Pressure Gauge: Aneroid dial (mechanical) with a clear, easy-to-read scale.</p> <p>Cuff: Made of durable, latex-free fabric, adjustable for different arm sizes.</p> <p>Size: Available in standard, adult, or pediatric sizes.</p> <p>Pressure Range: Typically 0 to 300 mmHg.</p> <p>Accuracy: +/- 3 mmHg or better.</p> <p>Valve: Precision control valve for air release.</p> <p>Pump: Bulb with a comfortable, ergonomic grip.</p> <p>Material: High-quality metal or durable plastic gauge.</p> <p>Weight: Lightweight and portable.</p> <p>Additional Features: Non-reflective dial, protective cuff, and pressure release valve.</p> <p>Storage: Often comes with a carrying case for protection.</p>	
Tongue depressor 1.9 cm wide	<p>Width: 1.9 cm.</p> <p>Length: Typically 15-18 cm.</p> <p>Material: Wood (most common), or plastic.</p> <p>Shape: Flat & smooth, with rounded edges.</p> <p>Use: Used for oral exams, throat inspection, or neurological tests.</p> <p>Finish: Smooth, splinter-free surface for comfort.</p> <p>Sterility: Disposable or sterilizable (if reusable).</p> <p>Packaging: Often individually wrapped for hygiene.</p> <p>Weight: Lightweight for easy handling.</p>	
Tongue depressor 1.25 cm wide	<p>Width: 1.25 cm.</p> <p>Length: Typically 15-18 cm.</p> <p>Material: Wood (common) or plastic.</p> <p>Shape: Flat with smooth, rounded edges.</p> <p>Use: For oral exams, throat inspection, or neurological checks.</p> <p>Finish: Smooth, splinter-free for comfort.</p> <p>Sterility: Disposable or sterilizable.</p> <p>Packaging: Often individually wrapped for hygiene.</p> <p>Weight: Lightweight & easy to handle.</p>	

Item	Minimum acceptable specs	Specs being provided by bidder alongwith make/made and model
Nasal Speculum 3 cm	<p>Width: 3 cm (adjustable). Material: Stainless steel (durable and rust-resistant). Design: Twin-blade, adjustable for proper dilation of the nostrils. Size: Typically 3 cm, but adjustable to widen the nostrils. Use: For nasal examination and to inspect nasal passages. Handle: Ergonomic, often with a finger ring for better control. Sterility: Reusable and sterilizable. Weight: Lightweight, easy to handle. Finish: Smooth and polished for comfort and hygiene.</p>	
Nasal Speculum 5 cm	<p>Width: 5 cm (adjustable to widen nostrils). Material: Stainless steel (durable, rust-resistant). Design: Twin-blade, adjustable for proper dilation of nasal passages. Size: Typically 5 cm in width, but adjustable. Use: For examining the nasal cavity and inspecting nasal passages. Handle: Ergonomic design with finger rings for better control. Sterility: Reusable, sterilizable. Weight: Lightweight, easy to handle. Finish: Smooth, polished surface for comfort and hygiene.</p>	
Auroscope (set complete) with Speculum large, medium and small, case and spare bulbs (2 each)	<p>Instrument: Auroscope for ear examination. Set Includes: Auroscope Handle: Ergonomic design, typically battery-operated. Speculums: Large, medium, and small sizes for different ear canal sizes. Spare Bulbs: 2 spare bulbs for the light source. Case: Protective carrying case for easy storage and portability. Light Source: Usually LED or incandescent for clear illumination. Material: Auroscope handle typically made of durable plastic or metal; speculums are usually made of durable plastic. Power Source: Battery-operated (AA or rechargeable depending on model). Adjustability: Interchangeable speculums for versatile use. Weight: Lightweight for easy handling during exams. Sterility: Disposable speculums, reusable handle (sterilized as needed). Additional Features: Clear light for accurate ear inspection, portable design for on-the-go use.</p>	

Item	Minimum acceptable specs	Specs being provided by bidder alongwith make/made and model
Tuning Forks 256	<p>Frequency: 256 Hz (mid-range tone).</p> <p>Material: Stainless steel or aluminum for durability.</p> <p>Length: Typically 6 to 8 inches.</p> <p>Weight: Light, around 50-70 grams.</p> <p>Use: Primarily used for hearing tests (Weber and Rinne tests) and assessing vibration sense.</p> <p>Tone: Produces a clear, audible tone at 256 Hz.</p> <p>Design: Simple, durable construction.</p> <p>Portability: Lightweight and easy to carry for medical exams.</p> <p>Accuracy: Standardized to 256 Hz for consistent results.</p> <p>Additional Features: Typically used in neurological and auditory assessments.</p>	
Tuning Forks 512	<p>Frequency: 512 Hz (higher-pitched tone).</p> <p>Material: Stainless steel or aluminum for durability.</p> <p>Length: Typically 6 to 8 inches.</p> <p>Weight: Light, around 50-70 grams.</p> <p>Use: Primarily used for hearing tests (Weber and Rinne tests) and assessing vibration sense.</p> <p>Tone: Produces a clear, audible tone at 512 Hz.</p> <p>Design: Simple, robust, and lightweight.</p> <p>Portability: Easy to carry for clinical or medical use.</p> <p>Accuracy: Standardized to 512 Hz for reliable results.</p> <p>Additional Features: Commonly used in auditory and neurological assessments.</p>	
Ophthalmoscope Binocular	<p>Type: Binocular (provides 3D viewing of the eye).</p> <p>Light Source: Typically LED or halogen for bright, clear illumination.</p> <p>Lens Disc: Contains multiple lenses (commonly +20 to -20 diopters) for adjustable focus.</p> <p>View: 3.5x to 5x magnification for clear retinal viewing.</p> <p>Field of View: Wide (up to 25 degrees) for comprehensive eye inspection.</p> <p>Material: Durable, lightweight metal or high-quality plastic construction.</p> <p>Handle: Usually ergonomic, with a rechargeable or disposable battery.</p> <p>Adjustability: Diopter adjustment for clarity and different user needs.</p> <p>Power: Battery-operated (AA or rechargeable).</p> <p>Size: Compact, portable for easy use during exams.</p> <p>Additional Features: Red-free filter, blue filter, and a small aperture for detailed eye examination.</p>	

Item	Minimum acceptable specs	Specs being provided by bidder alongwith make/made and model
Snellens chart Board type	<p>Design: Standard Snellen chart with letters (typically 11 lines).</p> <p>Test Distance: 6 meters (20 feet) standard for visual acuity testing.</p> <p>Letter Size: Gradually decreasing from big letters at the top (e.g., 6/60) to small letters (e.g., 6/6 or 20/20) at the bottom.</p> <p>Material: High-quality, durable paper or laminated for long-lasting use.</p> <p>Mounting: Wall-mountable or free-standing on a sturdy base.</p> <p>Font: Block letters, standardized in the Snellen format.</p> <p>Size: Typically A3 or A2 for clear visibility.</p> <p>Application: Used for visual acuity testing in eye exams.</p> <p>Lighting: Uniform backlighting for accurate vision testing.</p>	
Near vision Chart	<p>Test Distance: Typically 30-40 cm from the chart.</p> <p>Design: Includes letters, numbers, or symbols for vision testing.</p> <p>Material: Paper or plastic laminated for durability.</p> <p>Font Size: Variable, typically ranges from J1 to J10 for different visual acuity levels.</p> <p>Standardization: Conforms to international vision testing standards (e.g., Snellen, Jaeger).</p> <p>Size: Typically A4 or A3 format.</p> <p>Usage: For assessing near vision acuity in patients.</p> <p>Mounting: Can be wall-mounted or used with a stand for stability.</p> <p>Lighting: Should be used under adequate and uniform lighting for accurate testing.</p>	

Item	Minimum acceptable specs	Specs being provided by bidder alongwith make/made and model
Pulse Oxymeter	<p>Measurement Range: SpO2: 70% to 100%, Pulse Rate: 30 to 250 bpm. Accuracy: SpO2: $\pm 2\%$ (90%-100%), Pulse Rate: ± 2 bpm. Display: LED or OLED display for SpO2, pulse rate, and waveform. Power Supply: 2 AAA batteries or rechargeable battery. Alarm: Audible or visual alarm for low SpO2 or pulse rate. Operation: One-button operation for ease of use. Size: Compact and lightweight, typically 50g to 100g. Alarm Function: Low battery and abnormal readings alerts. Fit: Suitable for fingers (adult and pediatric). Auto-Shutoff: Automatic power off after 8-10 seconds of inactivity.</p>	
DiQital BP Apparatus	<p>Measurement Type: Automatic digital blood pressure measurement. Pressure Range: Typically 20-280 mmHg for systolic and 0-200 mmHg for diastolic. Accuracy: ± 3 mmHg (for both systolic and diastolic readings). Display: LCD display showing systolic, diastolic, and pulse rate. Cuff Size: Typically 22-42 cm for standard cuffs (varies with model). Memory: Can store 20-100 readings (depending on model) for multiple users. Battery: Powered by AA batteries or rechargeable battery. Measurement Mode: Fully automatic with one-touch operation. Pulse Rate: Displays pulse rate along with BP readings. Safety Features: Overpressure protection and auto-shutoff after use.</p>	

Item	Minimum acceptable specs	Specs being provided by bidder alongwith make/made and model
Hi-Lo Bed	<p>Adjustable Height: Range typically 40 cm to 80 cm for easy patient access and caregiver convenience.</p> <p>Length: Typically 190 cm to 200 cm for accommodating most patients.</p> <p>Width: 90 cm to 100 cm (standard size).</p> <p>Weight Capacity: Typically supports up to 200 kg (varies by model).</p> <p>Motorized Operation: Electric controls for height, head, and foot adjustments.</p> <p>Material: Stainless steel frame with high-quality plastic or wood finish.</p> <p>Mattress: Compatible with foam or orthopedic mattresses.</p> <p>Wheels: 4 swivel casters, two with brakes for easy movement and stability.</p> <p>Side Rails: Adjustable or removable side rails for patient safety.</p> <p>Safety Features: Anti-lock brakes, emergency backup, and overload protection</p>	
Crash Cart Trolley	<p>Material: Stainless steel or powder-coated steel for durability and corrosion resistance.</p> <p>Dimensions: Typically L: 90-120 cm, W: 50-70 cm, H: 90-120 cm.</p> <p>Drawers: Multiple drawers (usually 3-6) for organized storage of medical supplies.</p> <p>Weight Capacity: Typically supports up to 100-150 kg of equipment and supplies.</p> <p>Wheels: 4 swivel wheels, two with brakes for easy mobility and stability.</p> <p>Top Surface: Flat, spacious work surface for easy access to equipment.</p> <p>Locking Mechanism: Centralized locking system for drawer security.</p> <p>Shelf Capacity: Adjustable or fixed shelves for additional storage.</p> <p>Handles: Ergonomic handles for easy maneuvering.</p> <p>Safety Features: Anti-tip design for stability during use.</p>	

Item	Minimum acceptable specs	Specs being provided by bidder alongwith make/made and model
Electric boiling water sterilizer	<p>Capacity: Typically ranges from 5L to 30L.</p> <p>Temperature Range: 100°C (boiling point) for sterilization.</p> <p>Power Output: Ranges from 1000W to 3000W, adjustable.</p> <p>Heating Element: Stainless steel or ceramic for efficient heat transfer.</p> <p>Control: Automatic shutoff once water reaches boiling point.</p> <p>Timer: Adjustable timer for set sterilization duration.</p> <p>Material: Stainless steel body and interior for durability and corrosion resistance.</p> <p>Safety Features: Thermal cut-off, overheat protection, and safety lid.</p> <p>Power Supply: AC 220-240V, 50/60 Hz.</p> <p>Applications: Sterilization of medical instruments, laboratory glassware, and equipment.</p>	
Short wave Diathermy	<p>Frequency: Typically 27.12 MHz (standard for short wave diathermy).</p> <p>Power Output: Ranges from 50W to 500W, adjustable.</p> <p>Modes: Continuous, pulsed, or sweep modes for varied therapeutic effects.</p> <p>Electrode Types: Inductive or capacitive electrodes for deep or superficial heating.</p> <p>Timer: Adjustable treatment time, usually 0-30 minutes.</p> <p>Treatment Area: Typically treats areas ranging from small to large muscle groups.</p> <p>Cooling System: Air-cooled or fan-assisted for safety during use.</p> <p>Power Supply: AC 110-240V, 50/60 Hz.</p> <p>Safety Features: Overheat protection, auto-shutoff, and patient safety monitoring.</p>	
Wax Bath	-	

Item	Minimum acceptable specs	Specs being provided by bidder alongwith make/made and model
Interferential Therapy	<p>Frequency Range: Typically 4,000 Hz carrier frequency with 1-250 Hz beat frequency.</p> <p>Channels: 2 or 4 channels for simultaneous treatment.</p> <p>Intensity: Adjustable intensity, typically 1-100 mA per channel.</p> <p>Waveform: Interferential current (IFC) with biphasic waveform.</p> <p>Modes: Continuous, burst, or sweep modes for varying therapeutic effects.</p> <p>Timer: Adjustable treatment time, typically 0-30 minutes.</p> <p>Display: Digital or LCD screen for easy settings and monitoring.</p> <p>Power Supply: AC 110-240V, 50/60 Hz.</p> <p>Applications: Pain relief, muscle stimulation, and tissue healing.</p> <p>Safety Features: Overload protection, auto-shutoff, and patient safety monitoring.</p>	
Ultrasound Therapy	<p>Frequency: Typically 1 MHz or 3 MHz for varying tissue depths.</p> <p>Power Output: Ranges from 0.1 W/cm² to 2 W/cm², adjustable.</p> <p>Modes: Continuous or pulsed modes for different therapeutic effects.</p> <p>Treatment Time: Adjustable 0-30 minutes timer.</p> <p>Applicator: Single or dual-head for localized or broader treatment areas.</p> <p>Display: Digital display for easy settings and monitoring.</p> <p>Intensity Control: Adjustable intensity for customized therapy.</p> <p>Safety Features: Overheating protection and auto-shutoff.</p> <p>Power Supply: AC 110-240V, 50/60 Hz.</p> <p>Applications: Pain relief, muscle relaxation, and tissue healing.</p>	

Item	Minimum acceptable specs	Specs being provided by bidder alongwith make/made and model
Infra red Lamp	<p>Infrared Lamp Technical Specifications:</p> <p>Wavelength: Typically 700 nm to 1500 nm for deep tissue penetration.</p> <p>Power: Ranges from 100W to 500W, depending on model.</p> <p>Lamp Type: Halogen or LED for efficient heating.</p> <p>Adjustable Angle: Tilttable or adjustable head for targeted treatment.</p> <p>Temperature Control: Manual or digital temperature settings.</p> <p>Timer: Adjustable 0-30 minutes for treatment duration.</p> <p>Voltage: AC 110-240V, 50/60 Hz.</p> <p>Applications: Pain relief, muscle relaxation, and improved circulation.</p> <p>Safety Features: Overheat protection, cool-touch housing, and thermal cutoff.</p>	
Shoulder exercise system	<p>Type: Manual or Motorized system for shoulder rehabilitation.</p> <p>Adjustable Range: Typically 0° to 180° of motion in flexion, extension, and abduction.</p> <p>Resistance Levels: Variable resistance (adjustable for strength training).</p> <p>Control: Digital or analog control for intensity and duration.</p> <p>Modes: Multiple modes including passive, active-assisted, and active.</p> <p>Movement Patterns: Designed to simulate natural shoulder movement (e.g., circular, linear).</p> <p>Display: LCD or digital display showing time, resistance, and angle.</p> <p>Power Supply: AC 110-240V or battery-operated (depending on model).</p> <p>Safety Features: Emergency stop, overload protection, and adjustable straps.</p> <p>Applications: Shoulder rehabilitation post-injury, surgery, or for mobility improvement.</p>	

Item	Minimum acceptable specs	Specs being provided by bidder alongwith make/made and model
NMES electrical stimulator unit	<p>Output: Typically 1-120 mA with adjustable intensity.</p> <p>Waveform: Biphasic or monophasic square or rectangular waves.</p> <p>Frequency Range: 1 Hz to 100 Hz adjustable.</p> <p>Pulse Duration: Typically 50-400 μs adjustable.</p> <p>Channels: 1-4 channels for simultaneous stimulation.</p> <p>Timer: Adjustable treatment time, usually 0-60 minutes.</p> <p>Modes: Multiple modes including strengthening, relaxation, pain relief, and rehabilitation.</p> <p>Display: Digital display for intensity, time, and settings.</p> <p>Power Supply: AC 110-240V or battery-operated (depending on model).</p> <p>Safety Features: Overload protection, automatic shutoff.</p> <p>Applications: Muscle strengthening, rehabilitation, pain management, and recovery.</p>	
Parallel bar walkway	<p>Length: Typically 2 to 5 meters, adjustable.</p> <p>Width: Standard width of 45-60 cm between bars.</p> <p>Height: Adjustable, typically 90-110 cm from the floor.</p> <p>Material: Sturdy steel frame with non-slip rubber or wooden bars.</p> <p>Safety Features: Non-slip floor, foam padding on bars, and side rails for support.</p> <p>Weight Capacity: Typically supports up to 150-200 kg.</p> <p>Adjustability: Height and width adjustable for various patient needs.</p> <p>Mobility: Fixed or with casters for easy movement.</p> <p>Application: Used for rehabilitation, gait training, and balance exercises</p>	

Item	Minimum acceptable specs	Specs being provided by bidder alongwith make/made and model
Gynae Equipment		
Depressor, Vaginal (Sims)	Single blade speculum with blunt lateral edges Hollow blade Double-ended Material: austenitic steel Set of 3 sizes: size 1: 70 x 25 mm and 75 x 30 mm size 2: 75 x 30 mm and 80 x 35 mm size 3: 80 x 35 mm and 90 x 40 mm	
Gynae Exam Table	Made in 3 sections, adjustable back rest and leg section with lever mechanism to varying positions, capable of tilting for obstetric and gynecological use. Legs mounted on rubber tips. Size : Table 1800L x 600W x 800H mm. Tubes : 30 x 1.5 mm. Supports for leg holders with solid mechanism to fix leg holders at required height and width. Support ring at proximity of seat section to support round basin-bowl. Epoxy coated tubular steel frame. Carrying capacity : 150-180 kg. Mattress-pad : H 30 mm. Supplied with 4 liter S.S. Bowl	
Sponge holder forceps	SIZE 10inch, made with premium stainless steel, foresrer type holder	
Sterilizer	portable medical automatic autoclave with SS chamber, capacity - 24 lts, temperature range 126 degree celcius, width - 325 - 350 mm, height - 510 - 620 mm	
Cervical punch biopsy forceps, carbon steel chromium plated	Jaw: 3.0mm x 7.0mm Working Length: 8" (20.3cm) - 10" (25.4cm) Curvature: Straight Handle: Standard Spring Handle Material: German Stainless Steel	
Electronic adult weighing machine	capacity 250 kg,graduations - 0.2cm, LCD with backlit display, 480 * 320 mm platform	
Digital automatic blood pressure monitor	Irregular heartbeat detection Universal cuff 22cm – 42cm 90 reading memory x 1 user Clinically validated – BIHS & ESH approved One button operation	

Item	Minimum acceptable specs	Specs being provided by bidder alongwith make/made and model
Cusco"s vaginal self estaining bivalved speculum	Tip Dimensions 80x24 mm, 80x32 mm, 90x36 mm and 110x37 mm Tip Configuration Blunt Curvature Angled Working Surface Style Smooth Size / Model Lateral Screw Material Stainless Steel Reusable Non-Sterile Latex-Free Grade Premium OR-Grade	
OT light	Colour Cool White Material Metal Finish Type Aluminium Light Source Type LED Power Source Corded Electric Item Weight 5600 Grams Brightness 94000 lux Mounting Type bracket mount Bulb Features Adjustable Brightness and Directionality Colour Temperature 4300 Kelvin Colour Rendering Index 80.0 Number of Light Sources 21 Product Dimensions 45L x 42W x 163H Centimeters	
Dental Equipment		
Pantographic dental chair & unit with complete attachment	Integrated delivery system with multiple handpiece connections water and air control suction capabilities (high and low) vacuum Operating light with adjustable intensity and color temperature Automatic water pressure regulator	
Front loading table top autoclave	Sterilization temprature typically between 121C and 134C sterilization time typically between 1and 60min Safety valve to release excess pressure Typically heat drying valves for water filling and exhaust	
Dental X-Ray system prolix complete with processing unit	intraoral machine operate at higher than 50kv the exposure control switch can be operated at least 2m from and behind the tube head	

Item	Minimum acceptable specs	Specs being provided by bidder alongwith make/made and model
Ultrasonic Scalar	It provides tip vibration, activates the LED and opens the water passage for cooling vibration power and water flow control for cooling can be adjusted through individual controls. used for scaling and root planning and maintainance of periodontal cases	
Glass bead sterilizer	The sterilizer has a compact design and effectively sterilizes small solid metal and glass ware within 10sec - can effectively destroy bacteria and spores - used for sterilization of files,broach,reamer,spreader in dental .	
Set of plastic filling instruments	Set of Plastic Filling Instruments Technical Specifications: Material: Made of stainless steel or durable plastic for strength, flexibility, and corrosion resistance. Components: Includes a variety of instruments such as: Plastic filling spatulas for mixing and placing filling materials. Condenser for packing materials into cavities. Carvers for shaping and contouring filling materials. Design: Ergonomically designed handles for a comfortable and secure grip. Size: Suitable for both small and large cavity procedures, with varied tip shapes for precision. Sterilization: Autoclavable for easy cleaning and repeated use. Application: Used in restorative dental procedures for placing and shaping plastic filling materials like composite resins.	

Item	Minimum acceptable specs	Specs being provided by bidder alongwith make/made and model
Set of exodontias forceps, elevators & criers (for adults & children)	<p>Set of Exodontia Forceps, Elevators & Criers (for Adults & Children) Technical Specifications:</p> <p>Material: Made of high-quality stainless steel for durability, strength, and corrosion resistance.</p> <p>Components:</p> <p>Exodontia Forceps: Straight or curved jaws for tooth extraction, available in adult and child sizes.</p> <p>Elevators: Sharp, angled tips for loosening teeth before extraction, designed for adult and child use.</p> <p>Criers: Used for splitting and removing teeth, with ergonomically designed handles.</p> <p>Size: Forceps and elevators designed for adult and child dental procedures.</p> <p>Design: Ergonomic handles for comfort and control during extractions.</p> <p>Autoclavable: All instruments are autoclavable for easy sterilization and repeated use.</p> <p>Application: Used for tooth extractions, root extractions, and teeth loosening in both adult and pediatric patients.</p>	
Endo box	<p>Endo Box Technical Specifications:</p> <p>Material: Made of high-quality stainless steel or durable plastic for strength and resistance to corrosion.</p> <p>Size: Typically ranges from 15 cm x 10 cm to 20 cm x 15 cm for compact storage.</p> <p>Design: Compartments or trays for organizing and storing endo instruments like files, gutta-percha, and reamers.</p> <p>Lid: Features a secure, hinged lid for safe storage and easy access to instruments.</p> <p>Sterilization: Autoclavable for easy sterilization and reuse.</p> <p>Application: Designed for endodontic procedures, providing a clean and organized storage solution for instruments.</p> <p>Ventilation: Some models have vent holes for proper sterilization and air circulation.</p> <p>Durability: Shock-resistant to protect instruments from damage during storage or transportation.</p>	

Item	Minimum acceptable specs	Specs being provided by bidder alongwith make/made and model
Ultraviolet storage cabinet	<p>Ultraviolet Storage Cabinet Technical Specifications:</p> <p>Material: Made of stainless steel or high-quality plastic for durability and ease of cleaning.</p> <p>Size: Typically ranges from 30L to 100L capacity, depending on model.</p> <p>UV Light: Equipped with UV-C lamps (typically 253.7 nm wavelength) for effective sterilization.</p> <p>Power Supply: Operates on 220V-240V AC.</p> <p>Timer: Adjustable timer for controlled exposure to UV light, usually from 15 minutes to 2 hours.</p> <p>Design: Ventilated or sealed design to ensure proper sterilization and prevent UV leakage.</p> <p>Application: Used for storing sterilized instruments like surgical tools, dental equipment, and medical supplies.</p> <p>Safety Features: Automatic shut-off when the door is opened; UV light switch control for safety.</p> <p>Ease of Use: Compact and portable, with easy access and clear visibility of stored items.</p>	
Needle destroyer	<p>Needle Destroyer Technical Specifications:</p> <p>Material: Made of stainless steel or durable plastic for long-lasting use.</p> <p>Power Supply: Operates on electricity (typically 220V-240V AC).</p> <p>Function: Effectively destroys used needles by cutting or incinerating them to prevent reuse and ensure safety.</p> <p>Heating Element: High-temperature wire for quick and efficient destruction.</p> <p>Safety Features: Automatic shut-off or safety switch to prevent overheating.</p> <p>Design: Compact and portable for ease of use in medical or clinical settings.</p> <p>Application: Used to safely dispose of hypodermic needles in medical and healthcare facilities.</p> <p>Cleaning: Easy to clean with minimal maintenance required.</p>	

Item	Minimum acceptable specs	Specs being provided by bidder alongwith make/made and model
Ultra Sonic Cleaner (for instruments)	<p>Ultrasonic Cleaner (for Instruments) Technical Specifications:</p> <p>Frequency: Typically 35 kHz to 45 kHz for effective cleaning. Tank Capacity: Ranges from 1L to 10L depending on the model. Power: 30W to 200W for efficient cleaning performance. Material: Stainless steel tank for durability and corrosion resistance. Control: Digital or analog controls with adjustable timer (1-30 minutes) and temperature (up to 80°C). Cleaning Method: Uses high-frequency sound waves to create cavitation bubbles that remove dirt and contaminants from instruments. Application: Ideal for cleaning surgical instruments, dental tools, and laboratory equipment. Safety Features: Overheat protection and automatic shut-off to ensure safe operation. Ease of Use: Compact design for convenient placement and usage.</p>	
Surgical micrometer	<p>Surgical Micrometer Technical Specifications:</p> <p>Material: Made of stainless steel for strength, durability, and corrosion resistance. Measuring Range: Typically 0-25mm or 0-50mm depending on model. Precision: High precision with 0.01mm or 0.001mm resolution. Design: Ergonomic handle for a secure, comfortable grip during measurements. Type: Analog or digital display for accurate readings. Measurement Type: Used for measuring the thickness, diameter, or depth of surgical instruments or tissues. Application: Ideal for surgical applications requiring precise measurement of small dimensions. Autoclavable: Sterilizable for repeated use in medical and surgical settings.</p>	

Item	Minimum acceptable specs	Specs being provided by bidder alongwith make/made and model
Matrix retainer with SS bands (Ivory & Toffemine)	<p>Matrix Retainer with SS Bands (Ivory & Tofflemire) Technical Specifications:</p> <p>Material: Stainless steel (SS) bands for durability and corrosion resistance.</p> <p>Bands: Adjustable bands (Ivory or Tofflemire) for securing around the tooth during restoration.</p> <p>Size: Standard size bands, typically 0.001 to 0.002 inches thick, with various diameters to fit different teeth.</p> <p>Design: Tofflemire or Ivory style with a locking mechanism for easy placement and tight fitting.</p> <p>Functionality: Provides a stable matrix for dental restorations like fillings and crowns.</p> <p>Application: Used in dental restorative procedures to create a mold around the tooth for accurate filling.</p> <p>Sterilization: Autoclavable for easy sterilization and repeated use.</p> <p>Adjustability: Bands can be easily tightened or loosened for a secure fit.</p>	
Artery forceps straight and curved (14 cm/12 cm)	<p>Artery Forceps (Straight & Curved) Technical Specifications:</p> <p>Material: Made of stainless steel for durability, strength, and corrosion resistance.</p> <p>Size: Available in 12 cm or 14 cm lengths.</p> <p>Design: Available in straight or curved jaws for precise gripping of tissues or blood vessels.</p> <p>Handle: Ergonomic and non-slip handles for a secure grip.</p> <p>Jaws: Serrated or smooth jaws for secure clamping without tissue damage.</p> <p>Locking Mechanism: Ratchet lock for a secure, controlled grip.</p> <p>Application: Primarily used in surgical procedures for clamping blood vessels or tissues.</p> <p>Autoclavable: Suitable for sterilization in autoclaves for repeated use.</p>	

Item	Minimum acceptable specs	Specs being provided by bidder alongwith make/made and model
BP knife handle	<p>BP Knife Handle Technical Specifications:</p> <p>Material: Made of stainless steel for strength, durability, and corrosion resistance.</p> <p>Design: Ergonomic handle for a secure and comfortable grip.</p> <p>Compatibility: Compatible with BP (Blades for Surgical Procedures) for precise cutting.</p> <p>Size: Typically ranges from 12 cm to 18 cm in length.</p> <p>Blade Attachment: Secure, easy-to-mount blade holder for stability during use.</p> <p>Handle Type: Available in straight or slightly curved designs for improved control.</p> <p>Application: Used in surgical and medical procedures for fine cutting tasks.</p> <p>Autoclavable: Can be safely sterilized in autoclaves for repeated use.</p>	
Period steal elevator	<p>Periodontal Steel Elevator Technical Specifications:</p> <p>Material: Made of stainless steel for durability, strength, and resistance to corrosion.</p> <p>Design: Long, narrow blade for efficient lifting and separation of periodontal tissues and teeth.</p> <p>Size: Typically 15 cm to 20 cm in length.</p> <p>Blade Shape: Straight or slightly curved blade to access the periodontal area effectively.</p> <p>Handle: Ergonomic handle for secure grip and control during procedures.</p> <p>Application: Primarily used in periodontal procedures, such as elevating teeth or tissue during extractions.</p> <p>Autoclavable: Can be safely sterilized in autoclaves for reuse.</p> <p>Precision: Designed for gentle, controlled lifting to minimize tissue trauma.</p>	

Item	Minimum acceptable specs	Specs being provided by bidder alongwith make/made and model
Scissors surgical st and curved	<p>Surgical Scissors (Straight & Curved) Technical Specifications:</p> <p>Material: Made of high-quality stainless steel for strength, durability, and corrosion resistance.</p> <p>Design: Available in straight or curved blades for precision in cutting tissues or sutures.</p> <p>Size: Typically ranges from 12 cm to 20 cm in length.</p> <p>Blades: Sharp, finely honed edges for smooth and accurate cutting.</p> <p>Handles: Ergonomic for a comfortable, secure grip during use.</p> <p>Application: Used in surgical procedures, including cutting tissues, sutures, or other materials.</p> <p>Autoclavable: Suitable for sterilization in autoclaves for repeated use.</p> <p>Safety Features: Rounded tips on some models to prevent accidental injury.</p>	
Syringe hypodermic cartridqe type	<p>Hypodermic Syringe (Cartridge Type) Technical Specifications:</p> <p>Material: Typically made of stainless steel or high-grade plastic for durability and corrosion resistance.</p> <p>Capacity: Typically 1ml, 2ml, 5ml, or 10ml depending on the model.</p> <p>Type: Cartridge-based design for easy replacement of the needle and cartridge.</p> <p>Needle Compatibility: Compatible with standard hypodermic needles.</p> <p>Plunger: Smooth action plunger for accurate control of the injection.</p> <p>Needle Tip: Fine, sharp needle for minimal discomfort and accurate injection.</p> <p>Sterility: Pre-sterilized and disposable for single-use applications.</p> <p>Application: Used for subcutaneous, intramuscular, or intravenous injections.</p> <p>Safety Features: Leak-proof design to prevent contamination.</p>	

Item	Minimum acceptable specs	Specs being provided by bidder alongwith make/made and model
Rongeur's forceps	<p>Rongeur's Forceps Technical Specifications:</p> <p>Material: Made of stainless steel for strength, durability, and resistance to corrosion.</p> <p>Design: Angled or straight jaws for precision in tissue removal or bone cutting.</p> <p>Size: Typically 18 cm to 22 cm in length.</p> <p>Handles: Ergonomically designed for comfortable grip and control.</p> <p>Tip: Sharp, biting tips for effective cutting or nibbling of bone and tissue.</p> <p>Application: Primarily used in orthopedic, dental, and surgical procedures for bone or tissue removal.</p> <p>Locking Mechanism: Some models feature a locking mechanism for secure use.</p> <p>Autoclavable: Suitable for sterilization in autoclaves for repeated use.</p>	
File Alveolectomy	<p>Alveolectomy File Technical Specifications:</p> <p>Material: Made of stainless steel for durability and corrosion resistance.</p> <p>Design: Curved or straight blade for efficient bone contouring and cutting.</p> <p>Size: Typically 14 cm to 20 cm in length.</p> <p>Handle: Ergonomic and non-slip handle for secure grip during procedures.</p> <p>Application: Used for alveolar bone reduction or contouring after tooth extraction.</p> <p>Blade Type: Coarse or fine cutting edges for effective bone shaping.</p> <p>Autoclavable: Can be safely sterilized in autoclaves for reuse.</p> <p>Safety Features: Smooth, rounded edges to prevent injury during use.</p>	

Item	Minimum acceptable specs	Specs being provided by bidder alongwith make/made and model
Sterilizer high pressure steam drum shallow & deep	<p>High Pressure Steam Drum Sterilizer (Shallow & Deep) Technical Specifications:</p> <p>Material: Stainless steel construction for durability and corrosion resistance.</p> <p>Pressure Range: Typically 15-20 psi (adjustable).</p> <p>Temperature Range: Operates at 121°C to 134°C for effective sterilization.</p> <p>Capacity:</p> <p>Shallow: Typically 5L to 15L.</p> <p>Deep: Typically 20L to 50L.</p> <p>Power Supply: Electric, typically 220-240V.</p> <p>Control: Automatic or manual control for pressure, temperature, and time.</p> <p>Safety Features: Includes pressure relief valve, overheat protection, and automatic shut-off.</p> <p>Usage: Ideal for sterilizing surgical instruments, glassware, and medical tools.</p> <p>Design: Shallow drum for smaller items, deep drum for bulkier items.</p> <p>Autoclaving Method: Uses steam to sterilize by applying heat and pressure.</p>	
Chattel forceps	<p>Chattel Forceps Technical Specifications:</p> <p>Material: Made of stainless steel for strength, durability, and corrosion resistance.</p> <p>Design: Curved or straight jaws for precise gripping.</p> <p>Size: Typically 12 cm to 18 cm in length.</p> <p>Handles: Ergonomically designed for a secure, comfortable grip.</p> <p>Tip: Angled or straight tips for easy access and manipulation.</p> <p>Functionality: Primarily used for grasping, extracting, or handling tissues, teeth, or surgical materials.</p> <p>Autoclavable: Suitable for sterilization in autoclaves for repeated use.</p> <p>Safety Features: Locking mechanism or spring-action for controlled operation.</p>	

Item	Minimum acceptable specs	Specs being provided by bidder alongwith make/made and model
Inspection set {Probe, Major}	<p>Inspection Set (Probe, Major) Technical Specifications:</p> <p>Components: Includes probe and major instruments such as explorer or mirror for inspection.</p> <p>Material: Made of stainless steel for durability, corrosion resistance, and ease of sterilization.</p> <p>Handle: Ergonomically designed handle for a firm grip and comfort during use.</p> <p>Probe Tip: Sharp, curved or straight tip for accurate detection and examination.</p> <p>Design: Lightweight and compact for ease of handling and precision.</p> <p>Application: Primarily used in dental or medical inspections for probing, exploration, and examination.</p> <p>Autoclavable: Suitable for sterilization in autoclaves for repeated use.</p> <p>Functionality: Used for dental checkups, minor surgery examinations, and detailed diagnostics.</p>	
Waste receiver	<p>Waste Receiver Technical Specifications:</p> <p>Material: Typically made of stainless steel, plastic, or polypropylene for durability and corrosion resistance.</p> <p>Size: Available in various sizes, typically 10L to 50L capacity.</p> <p>Design: Sealed lid or open top design for easy waste disposal.</p> <p>Shape: Rectangular, cylindrical, or square depending on usage.</p> <p>Lid: Secure lid for controlling odors and preventing contamination (optional).</p> <p>Weight: Lightweight for easy handling and transport.</p> <p>Portability: Equipped with handles or wheels for easy movement.</p> <p>Application: Used for the collection of medical, clinical, or laboratory waste.</p> <p>Safety Features: Leak-proof and odor-resistant for hygienic disposal.</p>	

Item	Minimum acceptable specs	Specs being provided by bidder alongwith make/made and model
Mixing slab glass	<p>Mixing Slab Glass Technical Specifications:</p> <p>Material: Made of high-quality, durable glass for smooth mixing surface.</p> <p>Size: Typically 20 cm x 20 cm to 30 cm x 30 cm.</p> <p>Thickness: Generally 5 mm to 10 mm for stability and durability.</p> <p>Surface: Smooth, non-porous surface for easy cleaning and preventing contamination.</p> <p>Application: Used for mixing dental materials, pharmaceuticals, or other lab substances.</p> <p>Durability: Resistant to scratches and staining.</p> <p>Ease of Cleaning: Can be easily sterilized or cleaned with appropriate solvents.</p>	
SS tray with lid (small & medium)	<p>SS Tray with Lid (Small & Medium) Technical Specifications:</p> <p>Material: Made of stainless steel (SS) for durability and corrosion resistance.</p> <p>Size:</p> <p>Small Tray: Typically 20 cm x 15 cm.</p> <p>Medium Tray: Typically 25 cm x 20 cm.</p> <p>Lid: Fitted lid for secure closure and contamination prevention.</p> <p>Design: Smooth, non-porous surface for easy cleaning and sterilization.</p> <p>Edge: Rolled edges for safety and ergonomic handling.</p> <p>Weight: Lightweight, making it easy to handle.</p> <p>Applications: Used for holding and organizing surgical instruments and medical supplies.</p> <p>Autoclavable: Suitable for sterilization in autoclaves for repeated use.</p>	

Item	Minimum acceptable specs	Specs being provided by bidder alongwith make/made and model
Kidney trays	<p>Kidney Tray Technical Specifications:</p> <p>Material: Made of stainless steel, plastic, or aluminum for durability and corrosion resistance.</p> <p>Shape: Curved, kidney-shaped for easy handling and containment.</p> <p>Size: Typically ranges from 25 cm to 35 cm in length.</p> <p>Edge: Smooth, rolled edges for safety and easy cleaning.</p> <p>Surface: Non-porous and easy-to-clean surface.</p> <p>Weight: Lightweight for ease of handling and use.</p> <p>Capacity: Suitable for holding surgical instruments, swabs, and fluids during procedures.</p> <p>Autoclavable: Can be safely sterilized in autoclaves for reuse.</p>	
Plugged root canal	<p>Plugged Root Canal Technical Specifications:</p> <p>Material: Typically filled with gutta-percha or resilon as sealing materials.</p> <p>Sealing Type: Permanent seal to prevent bacterial re-entry.</p> <p>Filling Technique: Warm or cold condensation methods for thorough sealing.</p> <p>Depth: Fill the canal to the apical end, ensuring a complete seal.</p> <p>Size Compatibility: Suitable for a variety of root canal sizes.</p> <p>Biocompatibility: Materials are non-toxic and biocompatible for long-term use.</p> <p>Radiopacity: Most materials are radiopaque for X-ray visibility.</p> <p>Application: Used in endodontics for sealing the root canal after cleaning and shaping.</p> <p>Longevity: Provides a long-lasting and stable seal for the root canal system.</p>	

Item	Minimum acceptable specs	Specs being provided by bidder alongwith make/made and model
Needle holder	<p>Needle Holder Technical Specifications:</p> <p>Material: Made of stainless steel for durability and corrosion resistance.</p> <p>Size: Typically ranges from 12 cm to 20 cm in length.</p> <p>Jaws: Flat or curved jaws with a locking mechanism for secure needle grasping.</p> <p>Design: Ergonomic handles for comfort and control during use.</p> <p>Type: Available in half-curved or straight configurations, depending on the procedure.</p> <p>Locking Mechanism: Ratchet lock for secure grip on the needle.</p> <p>Application: Used in suturing for holding needles during surgical procedures.</p> <p>Autoclavable: Suitable for sterilization and reuse in medical and surgical settings.</p>	
RVG (Radio Visuography unit with flexible sensor and Infr oral camera, Monitor/PC and accessories) with Dental Xray	<p>RVG (Radio Visuography) Unit with Flexible Sensor and Intraoral Camera Technical Specifications:</p> <p>Sensor Type: Flexible CMOS or CCD sensor for high-resolution imaging.</p> <p>Resolution: Typically 18-22 LP/mm for clear, detailed images.</p> <p>Image Size: Adjustable, typically up to 12 x 12 cm.</p> <p>X-ray Compatibility: Compatible with dental X-ray machines for image capture.</p> <p>Intraoral Camera: High-definition camera for real-time visualization and image capture.</p> <p>Display: Connected to monitor or PC for image viewing and analysis.</p> <p>Connectivity: USB or wireless connection to the computer/monitor for data transfer.</p> <p>Software: Includes image processing software for analysis, measurement, and storage.</p> <p>Power Supply: Typically AC 110-240V, with automatic power-off feature.</p> <p>Applications: Used for dental diagnostics, endodontic imaging, and patient monitoring.</p>	

Item	Minimum acceptable specs	Specs being provided by bidder alongwith make/made and model
Fumigation Machine	<p>Fumigation Machine Technical Specifications:</p> <p>Capacity: Typically 2L to 10L tank capacity for fumigant solution.</p> <p>Output: Adjustable fogging rate, typically 500 ml/min to 3L/hr.</p> <p>Power Supply: Electric (AC 110-240V) or battery-operated.</p> <p>Type of Fog: Produces dry or wet fog depending on model.</p> <p>Spray Distance: Typically ranges from 5 to 10 meters.</p> <p>Tank Material: Corrosion-resistant materials such as stainless steel or plastic.</p> <p>Safety Features: Overheat protection, auto shut-off, and anti-leakage design.</p> <p>Control: Manual or automatic control for fog density and duration.</p> <p>Applications: Used for disinfection, pest control, and deodorization in commercial, industrial, and medical environments.</p> <p>Portability: Lightweight and easy to handle, with ergonomic design.</p>	
Digital Apex Locators for endodontic	<p>Digital Apex Locator for Endodontics Technical Specifications:</p> <p>Measurement Range: Typically 19 mm to 30 mm for root canal length measurement.</p> <p>Accuracy: High precision with ± 0.1 mm accuracy.</p> <p>Display: Digital LCD or LED display for clear readings.</p> <p>Technology: Uses electronic impedance to determine apex location.</p> <p>Modes: Automatic or manual mode for root canal length determination.</p> <p>Indicators: Visual and audio signals to indicate proximity to the apex.</p> <p>Power Supply: Typically DC battery-powered or rechargeable battery.</p> <p>Size: Compact and portable for ease of use in clinical settings.</p> <p>Applications: For accurate measurement of root canal length during endodontic procedures.</p> <p>Safety Features: Overload protection and auto shut-off for safety.</p>	

Item	Minimum acceptable specs	Specs being provided by bidder alongwith make/made and model
Rotary Motor (Endo) with hand piece	<p>Rotary Motor (Endo) with Handpiece Technical Specifications:</p> <p>Speed Range: Typically 100-40,000 RPM (adjustable).</p> <p>Power Source: Electric, typically AC 110-240V or rechargeable battery.</p> <p>Torque: High torque for efficient cutting and shaping of root canals.</p> <p>Handpiece: Ergonomically designed, lightweight, and high-speed with smooth operation.</p> <p>Cooling System: Water spray or internal air cooling for temperature control.</p> <p>Compatibility: Compatible with various endo files and attachments.</p> <p>Controls: Foot pedal or touchscreen for speed and mode adjustments.</p> <p>Material: Durable metal handpiece with anti-corrosive finish.</p> <p>Applications: Primarily for root canal treatment and endodontic procedures.</p> <p>Safety Features: Overload protection and auto-shutoff for safe operation.</p>	
<u>Physiotherapy Equipment</u>		
Short wave Diathermy	Operating frequency of 27.12 MHz, a power output ranging from 200W to 500W, a continuous and pulsed emission mode, capacitive and inductive application modes, a digital timer, and a mains voltage of 220-240V, 50Hz.	
Interferential Therapy	<p>Carrier frequency: 2000 Hz or 4000 Hz</p> <p>Base frequency: 1–150 Hz in 1 Hz steps</p> <p>Sweep frequency: 1–150 Hz in 1 Hz steps</p> <p>Output current: 0–100 mA</p> <p>Timer: 0–60 minutes</p> <p>Therapy modes: Four pole Interferential, Four pole Vector 90°, Four pole Vector 45°, Two pole pre-modulated</p> <p>Operating voltage: 200–230 V 50 Hz AC</p> <p>Programs: Multiple programs for different treatments</p> <p>Accessories: Main cord, wires, rubber pads, straps, carry bag, gel bottle</p>	

Item	Minimum acceptable specs	Specs being provided by bidder alongwith make/made and model
Ultrasound Therapy	<p>Power supply: The voltage and frequency of the power supply, and the output power</p> <p>Working frequency: The frequency of the sound waves the machine emits</p> <p>Therapy time: The maximum amount of time the machine can run for therapy</p> <p>Ultrasound head: The material of the ultrasound head, and whether it has an LED indicator</p> <p>Display: Whether the machine has a display, and whether it has a user guide</p>	
Infra red Lamp	<p>Power: Between 250W and 275W, depending on the model and desired heat intensity.</p> <p>Wavelength: Primarily within the near-infrared spectrum, ranging from 780nm to 860nm.</p> <p>Bulb type: Usually a ceramic or quartz halogen bulb designed for infrared emission.</p> <p>Beam angle: Adjustable depending on the lamp design, allowing for focused or wider radiation patterns.</p> <p>Heat intensity control: A variable power setting or dimmer switch to regulate the heat output.</p> <p>Lamp housing: Made of heat-resistant materials like metal or plastic with a protective grill.</p> <p>Mounting options: Can be mounted on a stand, wall-mounted, or have a flexible arm for positioning flexibility.</p>	

Item	Minimum acceptable specs	Specs being provided by bidder alongwith make/made and model
Shoulder exercise system	<p>Shoulder Wheel provides a smooth, easily measured range of movement with variable resistance. Tubular steel constructed Wheel is fitted with Brake drum for Resistance and 360 degree scale for feed-back. FEATURES:* Construction: 100cm diameter, tubular steel constructed Wheel is fitted with Precision machined plastic moulded drum & fitted with 127mm brake pads for resistance.* Movement: Bi-directional operation for shoulder & elbow.* Mounting: Wheel is mounted on Three laminated wall boards.* Arc of Motion: Arc of motion can be varied on Stainless steel arm from 30cm to 80cm by fixing handle at the required place.* Height Adjustment: Two wall board are fitted with Two STAINLESS STEEL channels (81cm H x 6cm W) & Wheel can be raised or lowered by 50cm to suit each patient.* Resistance: Wheel is fitted with advanced Calibrated Sensitive Resistance mechanism and the resistance is controllable from Zero to Maximum.* Feed Back: 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. * Finish: Powder coated finish with polished Stainless Steel channels.* Wall mountable unit, set include mounting hardware.* Manufactured as per ISI standard.* CE marked.</p>	
NMES electrical stimulator unit	<p>Output current: Range of current amplitude that can be delivered, usually measured in milliamperes (mA). Pulse width: Duration of each electrical pulse, measured in microseconds (μs). Pulse frequency: Number of pulses delivered per second, measured in Hertz (Hz). Waveform: Shape of the electrical pulse, commonly a symmetrical or asymmetrical biphasic rectangular wave. Duty cycle: Ratio of stimulation time to rest time. Modulation options: Ability to vary pulse width or frequency over time for different stimulation effects.</p>	

Item	Minimum acceptable specs	Specs being provided by bidder alongwith make/made and model
Laboratory Equipment		
Automatic Hematology Analyser	<p>Parameters Measured: Typically CBC (Complete Blood Count), including RBC, WBC, hemoglobin, hematocrit, and platelets.</p> <p>Throughput: Typically 60-120 tests/hour.</p> <p>Sample Volume: 20-100 µL per sample.</p> <p>Channels: 5-part or 3-part differential analysis.</p> <p>Display: LCD or touch screen for easy data reading.</p> <p>Mode of Operation: Fully automated with auto-calibration and QC checks.</p> <p>Data Interface: USB, Ethernet, or Wi-Fi for data transfer.</p> <p>Storage: Built-in memory for result storage and recall.</p> <p>Power Supply: AC 220V, 50/60 Hz.</p> <p>Applications: Routine blood testing in clinical labs.</p> <p>Safety Features: Auto-cleaning function, sample blockage detection, and over-temperature protection.</p>	
Microscope	<p>Type: Compound, Stereo, or Inverted (depending on model).</p> <p>Magnification: Typically 40x to 1000x (adjustable).</p> <p>Objective Lenses: 3-4 lenses with various magnification powers (e.g., 4x, 10x, 40x, 100x).</p> <p>Eyepiece: Typically 10x or 20x.</p> <p>Illumination: LED or Halogen light, adjustable brightness.</p> <p>Focus Mechanism: Coarse and fine focus adjustments.</p> <p>Stage: Mechanical or fixed stage with movable clips.</p> <p>Field of View: Typically 22mm to 30mm at lower magnification.</p> <p>Optical System: Achromatic or plan optics for clarity.</p> <p>Power Supply: AC or battery-operated.</p> <p>Applications: Suitable for biological, medical, and educational uses.</p>	

Item	Minimum acceptable specs	Specs being provided by bidder alongwith make/made and model
Water Bath	<p>Temperature Range: Typically 5°C above ambient to 100°C (or higher for specialized models).</p> <p>Accuracy: $\pm 0.1^{\circ}\text{C}$ to $\pm 1^{\circ}\text{C}$, depending on model.</p> <p>Capacity: Ranges from 5L to 50L or more.</p> <p>Heating Method: Immersion heater or stainless steel heating element.</p> <p>Control: Digital or analog temperature control with adjustable settings.</p> <p>Temperature Uniformity: Uniform heating across the bath.</p> <p>Safety Features: Over-temperature protection and auto shutoff.</p> <p>Material: Stainless steel tank with corrosion-resistant coating.</p> <p>Power Supply: AC 220-240V, 50/60 Hz.</p> <p>Applications: Used for heating, thawing, and incubating samples in labs.</p> <p>Additional Features: Water-level indicator and dry-run protection.</p>	
Calorimeter	<p>Measurement Range: Typically 0°C to 1000°C (depending on type).</p> <p>Accuracy: $\pm 0.1^{\circ}\text{C}$ to $\pm 1^{\circ}\text{C}$, depending on model.</p> <p>Type: Differential Scanning Calorimeter (DSC) or Bomb Calorimeter.</p> <p>Heat Capacity: Ranges from small sample sizes (milligrams) to larger volumes (grams).</p> <p>Resolution: High-resolution temperature or heat flow measurements.</p> <p>Power Supply: AC 220-240V, 50/60 Hz.</p> <p>Data Output: Digital display, PC interface, or USB connectivity for data analysis.</p> <p>Applications: Measurement of heat changes in chemical reactions, phase transitions, and material properties.</p> <p>Temperature Control: Precise temperature control and rapid heating/cooling rates.</p> <p>Safety Features: Includes pressure relief valves (for bomb calorimeters) and over-temperature protection.</p>	

Item	Minimum acceptable specs	Specs being provided by bidder alongwith make/made and model
Timer	<p>Time Range: Typically 1 second to 99 hours.</p> <p>Display: Digital LCD or LED screen.</p> <p>Accuracy: ± 0.1 seconds.</p> <p>Alarms: Audible or visual alerts when time expires.</p> <p>Multiple Channels: Some models support multiple timers (e.g., dual or quad).</p> <p>Memory: Resettable or auto-reset after completion.</p> <p>Power Supply: Battery-operated or AC powered.</p> <p>Mounting: Desktop or wall-mounted options.</p> <p>Features: Countdown and count-up modes, and pause/resume functions.</p> <p>Environment: Suitable for lab conditions, with a temperature range of 0°C to 40°C.</p>	
Semi auto analyser for Biochemistry	<p>Throughput: Typically 60-200 tests/hour.</p> <p>Sample Volume: 1-20 μL per sample.</p> <p>Reagent Volume: 200-500 μL per test.</p> <p>Wavelength Range: 340 nm to 700 nm (variable depending on model).</p> <p>Display: LCD or touch screen for easy operation.</p> <p>Test Parameters: Supports up to 20+ tests (e.g., glucose, cholesterol, liver enzymes).</p> <p>Sample Type: Serum, plasma, urine.</p> <p>Temperature Control: 37°C incubation temperature.</p> <p>Data Interface: USB, RS232, or LAN for data transfer and printer connectivity.</p> <p>Power Supply: AC 110-240V, 50/60 Hz.</p> <p>Calibration: Manual or automated calibration for accuracy.</p> <p>Safety Features: Automatic shutoff and over-temperature protection.</p>	

Item	Minimum acceptable specs	Specs being provided by bidder alongwith make/made and model
Centrifuse	<p>Speed Range: Typically 1,000 to 15,000 RPM.</p> <p>Max RCF (Relative Centrifugal Force): Up to 25,000 x g.</p> <p>Capacity: Ranges from 4 x 10 mL to 6 x 50 mL tubes (depending on model).</p> <p>Rotor Type: Fixed-angle or swing-out rotor.</p> <p>Timer: Adjustable, typically 1 to 99 minutes.</p> <p>Temperature Control: Some models offer refrigeration (down to -20°C).</p> <p>Noise Level: Typically < 60 dB during operation.</p> <p>Safety Features: Lid lock, automatic imbalance detection.</p> <p>Power Supply: AC 220-240V, 50/60 Hz.</p> <p>Applications: Separation of biological samples, proteins, cells, and DNA.</p> <p>Compliance: CE, ISO, or other relevant certifications.</p>	
Hot air oven	<p>Temperature Range: Typically 50°C to 250°C.</p> <p>Temperature Accuracy: $\pm 1^{\circ}\text{C}$ or better.</p> <p>Heating Method: Forced air circulation for uniform heat distribution.</p> <p>Control: Digital or analog temperature control with adjustable timer.</p> <p>Capacity: Varies from 10L to 500L depending on model.</p> <p>Construction: Stainless steel interior for durability and ease of cleaning.</p> <p>Insulation: High-quality thermal insulation to reduce heat loss.</p> <p>Safety Features: Over-temperature protection, door safety switch.</p> <p>Power Supply: Typically AC 220V, 50/60 Hz.</p> <p>Application: Sterilization, drying, and heating of materials in laboratories and industries.</p> <p>Compliance: CE, ISO, or similar safety and performance standards.</p>	

Item	Minimum acceptable specs	Specs being provided by bidder alongwith make/made and model
I Chroma immuneassay analyser	<p>Technology: Chemiluminescence Immunoassay (CLIA).</p> <p>Test Range: Can analyze a wide range of biomarkers (hormones, infectious diseases, etc.).</p> <p>Sample Type: Serum, plasma, and whole blood.</p> <p>Throughput: Typically up to 20 tests/hour.</p> <p>Display: Touchscreen interface for easy operation.</p> <p>Test Time: Fast results, typically 15-30 minutes per test.</p> <p>Capacity: Supports up to 10 samples at a time.</p> <p>Detection Sensitivity: High sensitivity for low-concentration analytes.</p> <p>Connectivity: USB, Wi-Fi, or Ethernet for data transfer and integration.</p> <p>Power Supply: AC 100-240V with low power consumption.</p> <p>Size: Compact, benchtop design.</p> <p>Compliance: CE marked for medical device standards.</p>	
Micropipettes (5-50 micro ltr)	<p>Volume Range: 5 μL to 50 μL.</p> <p>Accuracy: $\pm 1\%$ to $\pm 3\%$, depending on volume.</p> <p>Precision: Coefficient of variation (CV) < 1-2%.</p> <p>Tip Compatibility: Compatible with standard or filtered tips.</p> <p>Display: Digital or analog volume display.</p> <p>Ergonomics: Lightweight, ergonomic design for comfort.</p> <p>Calibration: Factory calibrated, adjustable for precision.</p> <p>Material: Durable plastic with metal internal components.</p> <p>Operating Temperature: Typically 4°C to 40°C.</p> <p>Application: Suitable for precise laboratory applications (e.g., PCR, ELISA).</p> <p>Compliance: Conforms to ISO 8655 standards for accuracy and performance.</p>	

Item	Minimum acceptable specs	Specs being provided by bidder alongwith make/made and model
Micropipettes (10-100 micro ltr)	<p>Volume Range: 10 μL to 100 μL.</p> <p>Accuracy: $\pm 1\%$ to $\pm 3\%$, depending on the volume.</p> <p>Precision: Coefficient of variation (CV) typically < 1-2%.</p> <p>Tip Compatibility: Compatible with standard or filtered tips.</p> <p>Display: Digital or analog volume display.</p> <p>Ergonomics: Lightweight, ergonomic design for ease of use.</p> <p>Calibration: Factory calibrated, adjustable for high precision.</p> <p>Material: Made of durable plastic with metal components.</p> <p>Operating Temperature: Typically 4°C to 40°C.</p> <p>Application: Suitable for laboratory tasks like PCR, ELISA, and cell culture.</p> <p>Compliance: Meets ISO 8655 standards for accuracy and performance.</p>	
Micropipettes (10-1000 micro ltr)	<p>Volume Range: 10 μL to 1000 μL.</p> <p>Accuracy: $\pm 1\%$ to $\pm 3\%$ depending on the volume.</p> <p>Precision: Coefficient of variation (CV) typically < 1-2%.</p> <p>Tip Compatibility: Standard or filtered tips, compatible with most brands.</p> <p>Display: Digital or analog, with easy-to-read volume setting.</p> <p>Ergonomics: Lightweight, comfortable design for extended use.</p> <p>Calibration: Adjustable, often factory-calibrated for high precision.</p> <p>Material: Typically made of high-quality plastic with metal internals.</p> <p>Operating Temperature: Usually between 4°C to 40°C.</p> <p>Repeatability: High repeatability and minimal error in repeated measurements.</p> <p>Application: Suitable for laboratory applications like PCR, ELISA, and cell culture.</p> <p>Compliance: Conforms to ISO 8655 standards for accuracy and performance.</p>	

Item	Minimum acceptable specs	Specs being provided by bidder alongwith make/made and model
ESR Stand	<p>Material: Typically made from steel, stainless steel, or galvanized steel for durability and corrosion resistance.</p> <p>Dimensions: Customizable to fit pump size, with height and weight capacity to support the pump and motor.</p> <p>Load Capacity: Must support the full weight of the pump assembly (from hundreds of kg to tons).</p> <p>Mounting Features: Includes mounting plates and adjustable brackets for securing the pump and cables.</p> <p>Corrosion Protection: Coated or made of corrosion-resistant materials for harsh environments.</p> <p>Ease of Maintenance: Designed for quick assembly/disassembly and easy access for repairs.</p> <p>Vibration Dampening: May include dampeners to reduce vibrations and protect the system.</p> <p>Thermal Management: Includes ventilation or heat shields to prevent overheating.</p> <p>Customization: Tailored to specific pump dimensions and applications (e.g., offshore, deep-well).</p> <p>Safety Features: Guards and fail-safes to protect against accidents during operation.</p> <p>Environmental Adaptation: Resistant to extreme temperatures and waterproof if needed.</p> <p>Standards Compliance: Meets industry standards like API or ISO.</p>	

3. **Two-Bid System** - Bidders are required to furnish clause by clause compliance of specifications bringing out clearly the deviations from specification, if any. The Bidders are advised to submit the compliance statement in the following format along with Technical Bid—

Para of RFP specification item-wise	Specification of item offered	Compliance to RFP specification – whether Yes/No	In case of noncompliance deviation from RFP to be specified in unambiguous terms

4. **Delivery Period** - Delivery period for supply of items would be 02 weeks from the effective date of contract. Please note that Contract can be cancelled unilaterally by the Buyer in case items are not received within the contracted delivery period. Extension of contracted delivery period will be at the sole discretion of the Buyer.

5. **Consignee details:**

**Medical Officer
MMU, Butwal
C/o DSB Butwal
Phulbari, Nepal**

PART III- STANDARD CONDITIONS OF RFP

The Bidder is required to give confirmation of their acceptance of the Standard Conditions of the Request for Proposal mentioned below which will automatically be considered as part of the contract with the successful Bidder (i.e. Contractor in the Contractor) as selected by the Buyer, Failure to do so may result in rejection of the Bid submitted by the Bidder:

1. **Law:** The contract shall be considered and made in accordance with the laws of the Republic of India. The contract shall be governed by and interpreted in accordance with the laws of India.
2. **Effective Date of the Contract:** The contractor shall come into effect on the date of signature of both the parties on the contract (Effective Date) and shall remain valid until the completion of the obligations of the parties under the contract. The deliveries and supplies and performance of the services shall commence from the effective date of the contract.
3. **Arbitration:** All disputes or differences arising out of or in connection with the Contract shall be settled by bilateral discussions. Any dispute, disagreement or question arising out of or relating to the contract or relating to work or performance. Which will cannot be settled amicably, may be resolved through arbitration.
4. **Penalty for use of Undue influence:** The contractor undertakes that he has not given, offered or promised to give, directly or indirectly, any gift, consideration, reward, commission, fees, brokerage or inducement to any person in service of the buyer or otherwise in procuring the Contracts or forbearing to do or for having done or forborne to do any act in relation to the obtaining or execution of the present contract of any other contract with Government of India for showing or forbearing to show favor or disfavor to any person in relation to the present Contract or any other Contract or any other Contract with the Government of India. Any breach of the aforesaid undertaking by the contractor or any one employed by him or acting on his behalf (whether with or without the knowledge of the contractor) or the commission of any offers by the seller or any one employed by him or action on his behalf, as defined in Chapter IX of the India Penal Code, 1860 or the Prevention of Corruption Act, 1986 or any other Act enacted for the prevention of corruption shall entitle the Buyer to cancel the contract and all or any other contracts with the contractor and recovery from the Seller the amount of any loss arising from such cancellation. A decision of the Buyer or his nominee to the effect that a breach of the undertaking had been committed shall be final and binding on the seller. Giving or offering of any gift, bribe or inducement or any attempt at any such act on behalf of the Seller toward any officer/employee of the Buyer or to any other person in a position to influence any officer/employee of the Buyer for showing any favour in relation to this or any other contract, shall render the contractor to such liability/penalty as the Buyer may deem proper, including but not limited to termination of the contract, imposition of penal damages, forfeiture of the Bank Guarantee and refund of the amounts paid by the Buyer.
5. **Agents / agency Commission:** The Seller confirms and declares to the Buyer that the contractor is the original manufacturer of the stores/provider of the services referred to in this contract and has not engaged any individual or firm, whether India or foreign whatsoever, to intercede, facilitate or in any way to recommend to the Government of India or any of its functionaries, whether officially or unofficially, to the award of the

contract to the contractor; nor has any amount been paid, promised or intended to be paid to any such individual or firm in respect of any such intercession, facilitation or recommendation. The contractor agrees that if it is established at any time to the satisfaction of the Buyer that the present declaration is in any way incorrect or if at a later stage it is discovered by the Buyer that the Seller has engaged any such individual/firm, and paid or intended to pay any amount, Gift reward, fees, commission or consideration to such person, party firm or institution, whether before or after the signing of this contract, the contractor will be liable to refund the amount to the Buyer. The contractor will also be debarred from entering into any supply be liable to refund the amount to the Buyer. The contractor will also be debarred from entering into any supply Contract with Government of India for a minimum period of five years. The Buyer will also have a right to consider cancellation of the Contract either wholly or in par, without any entitlement all payments made by the Buyer in terms of the Contract along with interest at the rate of 2% per annum above LIBOR rate. The Buyer will also have the right to recover any such amount from any contracts concluded earlier with the Government of India.

6. **Access to Books of Accounts:** In case it is found to the satisfaction of the Buyer that the contractor has engaged an Agent of paid commission or influence any person to obtain the contract as described in clause relating to Agents/Agency commission and penalty for use of undue influence, the contractor, on a specific request of the Buyer, shall provide necessary information/inspection of the relevant financial documents/information.

7. **Non-disclosure of Contract document:** Except with the written consent of the Buyer/contractor, other party shall not disclose the contract or any provision, specification plan, design, pattern, sample or information thereof to any third party.

8. **Liquidated damages:** In the event of the contractor failure to submit the Bonds, Guarantees and Documents, supply the stores/goods and conduct trials, installation of equipment, training, etc as specified in this contract, BUYER may also deduct from the CONTRACTOR as agreed, liquidated damages to the sum of 0.5% of the contract price of the delayed/undelivered stores/services mentioned above for every week of delay or part of a week, subject to the maximum value of the Liquidated Damages being not higher than 10% of the value of delayed stores.

9. **Termination of Contract:** The Buyer shall have the right to terminate this contract in part or in full in any of the following cases:-

- (a) The delivery of the material is delayed for causes not attributable to Force Majeure for more than (05 days) after the scheduled date of delivery.
- (b) The contractor is declared bankrupt or becomes insolvent.
- (c) The Delivery of material is delayed due to causes of Force Majeure by more than (05 days) provided Force Majeure clause is included in contract.
- (d) The Buyer has noticed that the Seller has utilized the service of any Indian/Foreign agent in getting this contract and paid any commission to such individual/company etc.
- (e) As per decision of the Arbitration Tribunal.

10. **Notices:** Any notice required or permitted by the contract shall be written in the English language and may be delivered personally.

11. **Transfer and Sub letting:** The contractor has no right to give, bargain, sell, asking or sublet or otherwise dispose of the Contract or any part thereof, as well as to give or to let a third party take benefit or advantage of the present Contract or any part thereof.

12. **Patents and other property Rights:** The prices stated in the present Contract shall be deemed to include all amounts payable for the use of patents, copyrights, registered charges, trademarks and payments for any other property rights. The seller shall indemnify the Buyer against all claims from a third party at any time on account of the infringement of any or all the rights mentioned in the previous paragraphs whether such claims arise in respect of manufacture or use. The contractor shall be responsible for the completion of the supplies including spares, tools, technical literature and training aggregates irrespective of the fact of infringement of the supplies, irrespective of the fact of infringement of any or all the rights mentioned above.

13. **Amendments:** No provision of present contract shall be changed or modified in any way (including this provision) either in whole or in part except by an instrument in writing made after the date of this contract and signed on behalf of both the parties and which expressly states to amend the present contract.

14. **Taxes and Duties**

(a) **General.**

(i) If Bidder desires to ask for excise duty or Sales Tax/VAT extra, the same must be specifically stated. In the absence of any such stipulation, it will be presumed that the prices include all such charges and no claim for the same will be entertained.

(ii) If reimbursement of any Duty/Tax is intended as extra over the quoted prices, the Bidder must specifically say so. In the absence of any such stipulation it will be presumed that the prices quoted are firm and final and no claim on account of such duty/Tax will be entertained after the opening of tenders.

(iii) If a Bidder chooses to quote a price inclusive of any duty/tax and does not confirm inclusive of such duty/tax included in the price. Failure to do so may result in ignoring of such offers summarily.

(iv) If a Bidder is exempted from payment of any duty/tax up to any value of supplies from them, he should clearly state that no such duty/tax will be charged by him up to the limit of exemption which he may have. If any concession is available in regard to rate/quantum of any Duty/tax, it should be brought out clearly. Stipulations like, the said duty/tax was presently not applicable but the same will be charged if it becomes leviable later on. Will not be accepted unless in such cases it is clearly stated by a Bidder that such duty/tax will not be charged by him even if the same becomes applicable later on. In respect of the Bidders, who fail to comply with these requirements, their quote prices shall be loaded with the quantum of such duty/tax which is normally applicable on the item in question for the purpose of comparing their prices with other Bidders.

(v) Any change in any duty/tax upward/downward as a result of any statutory variation in excise taking place within contract terms shall be allowed to the extent of actual quantum of such duty/tax paid by the supplier. Similarly, in case of downward revision in any duty/tax, the actual quantum of reduction of such duty/tax shall be reimbursed to the Buyer by the Eller, All such adjustments shall include all relief, exemptions, rebates, concessions etc, if any obtained by the contractor.

(b) **Customs Duty:**

(i) For imported stores offered against forward delivery, the Bidder shall quote prices thereof exclusive of customs duty. The Bidder shall specify separately the C.I.F. prices and total amount of customs duty payable. They will also indicate correctly the rate of customs duty applicable along with Indian Customs Tariff Number. Customs duty as actually paid will be reimbursed on production of necessary documents i.e (a) Triplicate copy of the bill of entry, (b) copy of bill of lading; (c) a copy of foreign principal's invoice. However, if the Bidder imports the stores in question against his own commercial quota Import Licenses, he will also be required to submit in addition the triplicate copy of bills of entry etc. a certificate from his Internal Auditor on the bill itself, to the effect that the following items/quantity in the bill of entry related to the stores imported against Defence Buyer contract.

(ii) Subsequent to the reimbursement of customs duty, the Bidder will submit to the concerned Payment Authority a certificate to the effect that he has not obtained any refund of customs duty subsequent to the payment of duty to the Customs authority by him. In addition, he shall also submit to the Paying Authority concerned a certificate immediately after a period of three months from the date of payment of the duty to customs authorities to the effect that he has not applied for refund of the customs duty subsequent to the payment of duty to the customs authorities by him.

(ii) In case the Bidder obtains any refund of customs duty, subsequently to the payment of the same by him to the customs authorities and reimbursement of the customs duty to him by the Payment Authority, he should forthwith furnish the details of the refund obtained and afford full credit of the same to the Buyer.

(c) **Excise Duty.**

(i) Where the excise duty is payable on advalorem basis, the Bidder should submit along with the tender, the relevant form and the Manufacture's price list showing the actual assessable value of the stores as approved by the Excise authorities.

(ii) Bidders should note that in case any refund of excise duty is granted to them by Excise authorities in respect of Stores supplied under the contract, they will pass on the credit to the Buyer immediately along with a certificate that the credit so passed on relates to the Excise Duty, originally paid for the stores supplied under the contract. In case of their failure to do so, within 10 days of the issue of the excise duty refund orders to them by the Excise Authorities the Buyer would be empowered to deduct a sum equivalent to the amount refunded by the Excise Authorities without any further reference to them from any of their outstanding bills against the contract or any other pending Government Contract and that no disputes on this account would be raised by them.

(iii) The Seller is also required to furnish to the Paying Authority the following certificates:-

(aa) Certificate with each bill to the effect that no refund has been obtained in respect of the reimbursement of excise duty made to the Seller during three months immediately preceding the date of the claim covered by the relevant bill.

(ab) Certificate as to whether refunds have been obtained or applied for by them or not in the preceding financial year after the annual Audit of their accounts also indicating details of such refunds/applications, if any.

(ac) A certificate along with the final payment bills of the Seller to the effect whether or not they have any pending appeal/protest for refund or partial refund of excise duties already reimbursed to the Seller by the Government pending with the Excise authorities and if so, the nature, the amount involved, and the position of such appeals.

(ad) An undertaking to the effect that in case it is detected by the Government that any refund from Excise Authority was obtained by the Seller after obtaining reimbursement from the Paying Authority, and if the same is not immediately refunded by the Seller to the Paying Authority giving details and particulars of the transactions, Paying Authority will have full authority to recover such amounts from the Seller's outstanding bills against that particular contract or any other pending Government contracts and that no dispute on this account would be raised by the Seller.

(iv) Unless otherwise specifically agreed to in terms of the contract, the Buyer shall not be liable for any claim on account of fresh imposition and/or increase of Excise Duty on raw materials and/or components used directly in the manufacture of the contracted stores taking place during the pendency of the contract.

(c) **Sales Tax/VAT:**

(i) If it is desired by the Bidder to ask for Sales tax/VAT to be paid as extra, the same must be specifically stated. In the absence of any such stipulation in the bid, it will be presumed that the prices quoted by the Bidder are inclusive of sales tax and no liability of sales tax will be developed upon the Buyer.

(ii) On the Bids quoting sales tax, the rate and the nature of Sales Tax applicable at the time of supply should be shown separately. Sales tax will be paid to the contractor at the rate at which it is liable to be assessed or has actually been assessed provided the transaction of sale is legally liable to sales tax and the same is payable as per the terms of the contract.

(d) **Octroi Duty & Local Taxes:**

(i) Normally, materials to be supplied to Government Departments against government Contracts are exempted from levy of town, Octroi Duty, Terminal Tax and other levies of local bodies. The local Town/Municipal Body regulations at times, however, provide for such Exemption only on production of such exemption certificate from any authorized officer. Contractor should ensure that stores ordered against contracts placed by this office are exempted from levy of Town/Octroi Duty, Terminal Tax other local taxes and duties. Whether required, they should obtain the exemption certificate from the Buyer, to avoid payment of such local taxes or duties.

(ii) In case where the Municipality or other body insist upon payment of these duties or taxes the same should be paid by the contractor to avoid delay in supplies and possible demurrage charges. The receipt obtained for such payment should be forwarded to the Buyer without delay together with a copy of the relevant act or by laws/notifications of the Municipality of the local body concerned to enable him to take up the question of refund with the concerned bodies if admissible under the said acts or rules.

PART IV- SPECIAL CONDITIONS OF RFP

The Bidder is required to give confirmation of their acceptance of Special Conditions of the RFP mentioned below which will automatically be considered as part of the Contract concluded with the successful Bidder (i.e. Contractor in the Contract) as selected by the Buyer, Failure to do so may resulting rejection of Bid submitted by the Bidder.

1. Performance Guarantee:

(a) **In case of indigenous Contractor:** The Bidder will be required to furnish a performance Guarantee by way of Bank Guarantee through a public sector bank or a private bank authorized to conduct government business (Nepal SBI Bank Ltd or Everest Bank Ltd) for a sum equal to 10% of the contract value within 30 days of signing of this contract. Bank Guarantee will be valid up to 60 days beyond the date of warranty.

OR

(b) **In case of Foreign Contractor:** The Seller will be required to furnish a Performance Guaranty by way of a Bank Guarantee from contractor's Bank through an internationally recognized first class Bank in favour of the Assistant Military Attache (ECHS), Embassy of India, Kathmandu (Nepal) to be confirmed by public sector bank or a private bank authorized to conduct government business (Nepal SBI Bank Limited or Everest Bank Limited) equal to 10 (ten percent) of the total value of this contract i.e. for US \$..... (US Dollars (in words).....only). Performance Bank Guarantee should be valid upto 60 days beyond the date of warranty. The Performance Bank Guarantee shall be considered open upon receipt by the Buyer's Bank. In case any claims or any other contract obligations are outstanding, the contractor will extend the Performance Bank Guarantee as asked for by the Buyer till such time as the contractor settles all claims and completes all contract obligations. The Performance Bank Guarantee will be subject to encashment by the Buyer, in case the conditions regarding adherence to delivery schedule, settlement of claims and other provisions of the contract are not fulfilled by the contractor.

2. **Option Clause:** Not applicable.

3. **Repeat Order Clause:** Not applicable.

4. **Tolerance Clause:** Not applicable.

5. **Payment Terms for Indigenous Sellers:** The 100% payment will be made after completion of supply / installation and acceptance by the user.

6. **Advance Payments:** No advance payment (s) will be made.

7. **Paying Authority :**

(a) **Indigenous Sellers (Name and address, contact details).** Defence Attaché, Defence Wing, Embassy of India, Kathmandu. The payment of bills will be made on submission of the following documents by the seller to the Payment Authority along with the bill :-

(i) Ink-signed copy of contingent bill/seller's bill.

- (ii) Ink-signed copy of Commercial invoice/Seller's bill.
- (iii) Copy of Supply Order/Contract with U.O number and date of IFA's concurrence, where required under delegation of powers.
- (iv) Exemption certificate for Excise duty/Customs duty, if applicable.
- (v) Guarantee/Warranty certificate.
- (vi) Performance Bank Guarantee Indemnity bond where applicable.
- (vii) Any other document/certificate that may be provided for in the Supply Order/Contract.
- (viii) User acceptance.
- (ix) Xerox copy of PBG.

(b) **Foreign Sellers** - (Name and address, contact details). Paid shipping documents are to be provided to the Bank by the Seller as proof of dispatch of goods as per contractual terms so that the Seller gets payment from LC. The Bank will forward these documents to the Buyer for getting the goods/stores released from the Port/Airport. Documents will include:-

- (i) Clean on Board Airway Bill/Bill of Lading
- (ii) Original Invoice
- (iii) Packing List
- (iv) Certificate of Origin from Seller's Chamber of Commerce, if any.
- (v) Certificate of Quality and current manufacture from OEM.
- (vi) Dangerous Cargo certificate, if any.
- (vii) Insurance policy of 110% if CIF / CIP contract
- (viii) Certificate of Conformity & Acceptance Test at PDI, if any.
- (ix) Physio-sanitary / Fumigation Certificate, if any.
- (x) Performance Bond / Warranty Certificate

8. **Fall Clause**: The following fall clause will form part of the contract placed on successful Bidder:-

(a) The price charged for the stores supplied under the contract by this Seller shall in no event exceed the lowest prices at which the seller sells the stores or offer to identical description to any persons/organization including the purchase of any department of the Central government or any Department of State government or any statutory undertaking the central or state government as the case may be during the period till performance of all Supply Orders placed during the currency of the rate contract completed.

(b) If any time, during the said period the Seller reduces the sale price, sells or offer to sell such stores to any person/ organization including the Buyer or any Deptt, of Central Govt. or any Department of the state Government or any Statutory undertaking of the Central or state Government as the case may be at a price lower than the price chargeable under the contract, he shall forthwith notify such reduction or offer of sale to the Director general of Supplier & Disposals and the price payable under the sale or offer of the sale shall stand correspondingly reduced. The above stipulation will, however, not apply to:-

- (i) Exports by the Seller.
- (ii) Work as original equipment at price lower than the prices charged for normal replacement.
- (iii) Supply and installation of medical equipment's as original equipment at price lower than lower than the prices charged for normal replacement.
- (vi) Supply and installation of medical equipment's at lower price on or after the date of completion of sale/placement of the order of goods by the authority concerned under the exiting or precious Rate Contract also under any previous contracts entered into with the Central or State Govt. Depts, including their undertaking excluding joint sector companies and /or private parties and bodies.

9. **Risk & Expense clause:**

- (a) Should the supply and installation of medical equipment's at ECHS Polyclinics at Butwal there of not be completed within the time or times specified in the contract documents, of if defective delivery is made in respect of the supply and installation of medical equipment's at ECHS Polyclinic there of the shall after grating the Seller 10 days to cure the breach, be at liberty, without prejudice to the right to recover liquidated damages as a remedy for breach of contract, to the extent of such default.
- (b) Should the supply and installation medical equipment's at ECHS Polyclinics at Butwal thereof not perform in accordance with the specifications/parameters provided by the contractor without prejudice to any other remedies for breach of contract, to cancel the contract wholly or to the extent of such default.
- (c) In case of a material breach that was not remedied within 10 days, the bidder shall, having given the right of first refusal to the contractor be at liberty to purchase, manufacture, or procure from any other source as he thinks fit, other stores of the same or similar description to make good:-
 - (i) Such default.
 - (ii) In the event of the contract being wholly determined the balance of Supply and installation work there under.
- (d) Any excess of the supply and installation of medical equipment, or values of any work procured from any other bidders as the case may over the contract price appropriate to such default or balance shall be recoverable from the contractor. Such recoveries shall not exceed 40% of the value of the contract.

10. **Force Majeure clause:**

(a) Neither party shall bear responsibility for the complete or partial non-performance of any of its obligations (except for failure to pay any sum which has become due on account of receipt of goods under the provisions of the present contract). If non-performance result from such Force Majeure circumstances as Flood, Earth Quake and other acts of God as well as War, Military operation, blockade, Acts or Actions of State Authorities or any other circumstances beyond the parties control that have arisen after the conclusion of the present contract.

(b) In such circumstances the time stipulated for the performance of an obligation under the present contract is extended correspondingly for the period of time of action of these circumstances and their consequences.

(c) The party for which it becomes impossible to meet obligations under this contract due to Force Majeure conditions, is to notify in written form the other party of the beginning and cessation of the above circumstances immediately, but in any case not later than 10 (Ten) days from the moment of their beginning.

(d) Certificate of a Chamber of Commerce and industry or other competent authority or organization of the respective country shall be a sufficient proof of commencement and cessation of the above circumstances.

(e) If the impossibility of complete or partial performance of an obligation lasts for more than 6 (Six) months, either party hereto reserves the right to terminate the contract totally or partially upon giving prior written notice of 30 days to the other party of the intention to terminate without any liability other than reimbursement on the terms provided in the agreement for the goods received.

11. **Specification:** The following Specification clause will form part of the contract placed on successful Bidder. The bidder guarantees to meet the specifications as per part-II of RFP and to incorporate the modification to the existing design configuration to meet the specific requirement of the ECHS Polyclinics at Kathmandu as per modification/requirements recommended after the Maintenance Evaluation Trials. All technical literature and drawings shall be amended as the modifications by the bidder before work at Buyer. The bidder in consultation with the Buyer carries out technical up gradation/alterations in the design, drawings and specifications due to change in manufacturing procedures, indigenization or obsolescence. This will however not in any way adversely affect the end specifications of the equipment. Changes in technical details, drawings repair and maintenance techniques along with necessary tools as a result of up gradation/alterations will be provided to the Buyer free of cost within (07) days of affecting such up gradation/alterations.

12. **Quality:** The quality of the stores delivered according to the present Contract shall correspond to the technical conditions and standards valid for the deliveries of the same stores for in Seller's country or specifications enumerated as per RFP and shall also include therein modification to the stores suggested by the Buyer.

13. **Quality Assurance:** Seller would provide the Standard Acceptance Test Procedure (ATP) within 07 days of this date of contract. Buyer reserves the right to modify the ATP. Seller would be required to provide all test facilities at his premises for acceptance and inspection by Buyer. The details in this regard will be coordinated during the

negotiation of the contract. The item should be of the latest manufacture, conforming to the current production standard and having 100% defined life at the time of delivery.

14. **Inspection Authority:** The Inspection will be carried out by Defence Attaché/AMA (ECHS)/ Medical Officer ECHS Polyclinics at Butwal. The mode of inspection will be user inspection.

15. **Pre-Dispatch Inspection.** The following Pre-dispatch Inspection clause will form part of the contract placed on successful Bidder:-

(a) The Buyer's representatives will carry out Pre-Dispatch Inspection (PDI) of the stores/equipment in order to check their compliance with specifications in accordance with its usual standard procedures.

16. **Franking clause:** The following clause will form part of the contract on successful Bidder:-

(a) **Franking clause in the case of Acceptance of works** "The fact that the works have been inspected after the delivery period and passed by the inspection Officer will not have the effect of keeping the contract. The works are being passed without prejudice to the rights of the contractor under the terms and conditions of the contract".

(b) **Franking clause in the case of Rejection of works** "The fact that the works have been inspected after the delivery period and rejected by the inspecting Officer will not bind the contractor in any manner. The works are being rejected without prejudice to the rights of the contractor under the terms and condition of the contract".

17. **Claims :** The following claims clause will form part of the contract placed on successful Bidder:-

(a) The claims may be presented either: (i) on quality of the works, where quality does not correspond to the quality mentioned in the contract.

(b) The quality of works for insufficiency of quality shall be presented within 45 days of completion of JRI and acceptance of works.

(c) The quality claims for defects or deficiencies in quality notice during the JRI shall be presented within 45 days of completion of JRI and acceptance of works. Quality claims shall be presented for defect or deficiencies in quality noticed during warranty period earliest but not later than 45 days after expiry of the guarantee period.

(d) The description and quality of the works are to be furnished to the contractor along with concrete reason for making the claims. Copies of all the justifying documents shall be enclosed to the presented claim. The contractor will settle the claims within 45 days from the date of the receipt of claim at the contractor's office, subject to acceptance of the claim by the contractor. In case no response is received during this period the claim will be deemed to have been accepted.

(e) The contractor shall accept the defective or rejected works from the location nominated by the Buyer and repaired/ maint works at the same location under contract arrangement.

(f) Claims may also be settled by reduction of cost of supply and installation of medical equipment's at ECHS Polyclinic Kathmandu under claim from bonds submitted by the contractor or payment of claim amount by contractor through account payee cheque drawn on any Bank in Nepal.

(g) The quality claims will be raised solely by the contratee and without any certification/countersignature by the contractor's representative.

18. **Warranty:**

(a) The following Warranty will form part of the contract placed on the successful Bidder:-

(i) The Seller warrants that the goods supplied under the contract conform to technical specifications prescribed and shall performance according to the said technical specifications.

(ii) The Seller warrants for a period of 24 months from the date of acceptance of stores by Joint Receipt Inspection or date of installation and commissioning, whichever is later, that the goods/stores supplied under the contract and each component used in the manufacture thereof shall be free from all types of defects/failures.

(iii) If within the period of warranty, the goods are reported by the Buyer to have failed to perform as per the specifications, the Seller shall either replace or rectify the same free of charge, within a maximum period of 45 days of notification of such defect received by the Seller.

(iv) In case the complete delivery of Engineering Support Package is delayed beyond the period stipulated in this contract, the Seller undertakes that the warranty period for the goods/stores shall be extended to that extent.

19. **Annual Maintenance Contract (AMC) Clause** - The following AMC clause will form part of the contract placed on successful Bidder:-

(a) The Seller would provide comprehensive AMC for a period of 02 years. The AMC services should cover the repair and maintenance of all the equipment and systems purchased under the present Contract. The Buyer Furnished Equipment which is not covered under the purview of the AMC should be separately listed by the Seller. The AMC services would be provided in two distinct ways:-

(i) **Preventive Maintenance Service.** The Seller will provide a minimum of four Preventive Maintenance Service visits during a year to the operating base to carry out functional checkups and minor adjustments/ tuning as may be required.

(ii) **Breakdown maintenance Service.** In case of any breakdown of the equipment/system, on receiving a call from the Buyer, the Sellers to provide maintenance service to make the equipment/system serviceable.

(b) During the AMC period, the Seller shall carry out all necessary servicing/repairs to the equipment/system under AMC at the current location of the equipment/system. Prior permission of the Buyer would be required in case certain components/sub systems are to be shifted out of location. On such occasions, before taking over the goods or components the Seller will give suitable bank guarantee to the Buyer to cover the estimated current value of item being taken.

(c) The Buyer reserves its right to terminate the maintenance contract at any time without assigning any reason after giving a notice of 01 month. The Seller will not be entitled to claim any compensation against such termination. However, while terminating the contract, if any payment is due to the Seller for maintenance services already performed in terms of the contract, the same would be paid to it as per the contract terms.

20. **Price Variation (PV) Clause.** The following conditions would be applicable to Price Adjustment:-

(a) Base dates shall be due dates of opening of price bids.

(b) Date of adjustment shall be midpoint of manufacture.

(c) No price increase is allowed beyond original DP unless the delay is attributable to the Buyer.

(d) No price adjustment shall be payable on the portion of contract price paid to the Seller as an advance payment.

Part V- Evaluation Criteria & Price Bids Issues

1. **Evaluation Criteria:** The broad guidelines for evaluation of Bids will be as follows:-

(a) Only those Bids will be evaluated which are found to be fulfilling all the eligibility and qualifying requirements of the RFP and technically approved.

(b) The Lowest Bid will be decided upon the lowest price quoted by the Bidder as per the Price Format. The consideration of taxes and duties in evaluation process will be as follows:-

(i) in case where only indigenous Bidders are competing, all taxes and duties (including those which exemption certificates are issued) quoted by the Bidders will be considered. The Ultimate cost to the Buyer would be the deciding factor for ranking of Bids.

(ii) In cases where both foreign and indigenous Bidders are competing, following criteria would be followed:-

(aa) In case of foreign Bidders, the basic cost (CIF) quoted by them would be the basis for the purpose of comparison of various tenders.

(ab) In case of indigenous Bidders, excise duty on fully formed equipment would be offloaded.

(ac) Sales tax and other local levies, i.e. octroi, entry tax etc would be ignored in case of indigenous Bidders.

(c) The Bidders are required to spell out the rates of VAT, service Tax, etc in unambiguous terms; otherwise their offers will be loaded with the maximum rates of duties and taxes for the purpose of comparison of prices. If reimbursement of VAT or any other applicable taxes is intended as extra, over the quoted prices, the Bidder must specifically say so. In the absence of any such stipulation it will be presumed that the prices quoted are firm and final and no claim on account of such duties will be entailed after the opening of tenders. If a Bidder chooses to quote a price inclusive of any duty and does not confirm inclusive or such duty so included is firm and final, he should clearly indicate the rate of such duty and quantum of excise duty included in the price. Failure to do so may result in ignoring of such offers summarily. If a Bidder is exempted from payment of VAT/any other applicable taxes upto any value of supplies from them, they should clearly state that no tax will be charged by them up to the limit of exemption which they may have. If any concession is available in regard to rate/quantum of VAT/any other applicable taxes, it should be brought out clearly. Stipulations like VAT was presently not applicable but the same will be charged if it become livable later on, will not be accepted unless in such cases it is clearly stated by a Bidder that any duty/tax duty will not be charged by him even if the same becomes applicable later on. In respect of the Bidders who fail to comply with this requirement, their quoted prices shall be loaded with the quantum of excise duty which is normally applicable in the item in question for the purpose of comparing their prices with other Bidders. The same logic applies VAT/any other applicable taxes also.

(d) The Lowest Acceptable bid will be considered further for placement of contract /Supply Order after complete clarification and price negotiations as decided by the contratee. The Buyer will have the right to award contracts to different Bidders for being lowest in particular items. The Buyer also reserves the right to do apportionment of work, if it is convinced that Lowest Bidder is not a position to supply full quantity in stipulated time.

PRICE BID**Supply and installation of medical equipment at ECHS Polyclinic Kathmandu**Tender No. **RC ECHS/02/Accts Dated Mar 2025**

Date & Time to reach this office:	1430 hrs by 19 Mar 2025
Time and date of opening of Tenders	1500 hrs on 20 Mar 2025
Validity of Tender required till	180 days from the date of opening

1. Details of works offered

S No	Particulars	Qty	Rate (NRs)	Amount (NRs)
<u>General Medical Equipment</u>				
1	Stool adjustable with SS top	6		
2	Outfit resuscitation Ambu MK-III	1		
3	Cylinder Oxygen O2 40 Ltr	2		
4	Cylinder Oxygen key spanner for	2		
5	Cylinder Oxygen stand	2		
6	Oxygen Concentrator	1		
7	Forceps artery curved on flat 12.5 cm	1		
8	Forceps artery (Spencer well) straight boxjoint 13 cm	1		
9	Forceps dissecting 15 cm	1		
10	Forceps dissecting toothed 13 cm	1		
11	Forceps toothed 18 cm	1		
12	Forceps sinus	1		
13	Forceps sterilizer (Kettle)	2		
14	Needle, Holder (Mayo), 19cm, Box joint	2		
15	Precursors	3		
16	Scissors, dressing, soap and Blunt, 14 cm long, stainless steel	1		
17	Scissors, dressing straight, both points sharp 12.5 cm	1		
18	Scissor	1		
19	Syringe and Needle destroyer	1		
20	Tape, measure, Linen 1.5 mtr	3		
21	Tourniquet (Singer)	1		
22	Bowl, stainless steel, 10cm	4		
23	Bowl, stainless steel, 20cm	2		
24	Bowl, stainless steel 25cm	1		
25	Bowl, stainless steel, 35cm	1		
26	Body meter for Height measure	1		
27	Mattress Foam Rubber	1		
28	Mattress Foam Rubber Cover for	2		
29	Thermometer Oran Clinical	3		
30	Tray, E.I, Deep, size 45cm x 30 cm	1		
31	Tray SS, Kidney shape 25 cm	2		
32	Tray, E.I, Shallow, Size 35cmx30 cm	1		

S No	Particulars	Qty	Rate (NRs)	Amount (NRs)
33	Tray, E.I. Shallow, Size 27.50cm x 22.50cm	1		
34	Stand, Transfusion, Metal (UK Pattern)	1		
35	ECG Machine	1		
36	Monitor Defibrillator	1		
37	Lamp Operating shadow less	1		
38	Lamp Operating halogen bulb for	1		
39	Nebuliser	1		
40	Cabinet Instrument overall	2		
41	Cabinet Instrument	2		
42	Cabinet Instrument hook for	2		
43	Cabinet medicines and table combined	2		
44	Shelf 68x45 cm	2		
45	Shelf SS	2		
46	Table Instruments Folding	2		
47	Table Instruments non- folding	4		
48	Wheel Chair Folding	1		
49	Wheel Chair non-Folding	1		
50	Stethoscope	5		
51	Examination torch	5		
52	Tuning Forks 1024	1		
53	Sphygmoma nometer aneroid	1		
54	Tongue depressor 1.9 cm wide	3		
55	Tongue depressor 1.25 cm wide	3		
56	Nasal Speculum 3 cm	2		
57	Nasal Speculum 5 cm	2		
58	Auroscope (set complete) with Speculum large, medium and small, case and spare bulbs (2 each)	2		
59	Tuning Forks 256	1		
60	Tuning Forks 512	-		
61	Ophthalmoscope Binocular	2		
62	Snellens chart Board type	3		
63	Near vision Chart	3		
64	Pulse Oxymeter	1		
65	DiQital BP Apparatus	3		
66	Hi-Lo Bed	1		
67	Crash Cart Trolley	1		
68	Electric boiling water sterilizer	3		
69	Short wave Diathermy	1		
70	Wax Bath	1		
71	Interferential Therapy	1		
72	Ultrasound Therapy	1		
73	Infra red Lamp	1		
74	Shoulder exercise system	1		
75	NMES electrical stimulator unit	1		
76	Parallel bar walkway	1		

S No	Particulars	Qty	Rate (NRs)	Amount (NRs)
<u>Gynae Equipment</u>				
77	Depressor, Vaginal (Sims)	1		
78	Gynae Exam Table	1		
79	Sponge holder forceps	2		
80	Sterilizer	1		
81	Cervical punch biopsy forceps, carbon steel chromium plated	1		
82	Electronic adult weighing machine	1		
83	Digital automatic blood pressure monitor	1		
84	Cusco's vaginal self estaining bivalved speculum	1		
85	OT light	1		
<u>Dental Equipment</u>				
86	Pantographic dental chair & unit with complete attachment	2		
87	Front loading table top autoclave	2		
88	Dental X-Ray system prolix complete with processing unit	2		
89	Ultrasonic Scalar	2		
90	Glass bead sterilizer	2		
91	Set of plastic filling instruments	8		
92	Set of exodontias forceps, elevators & criers (for adults & children)	2		
93	Endo box	2		
94	Ultraviolet storage cabinet	2		
95	Needle destroyer	2		
96	Ultra Sonic Cleaner (for instruments)	2		
97	Surgical micrometer	2		
98	Matrix retainer with SS bands (Ivory & Toffemine)	2		
99	Artery forceps straight and curved (14 cm/12 cm)	2		
100	BP knife handle	2		
101	Period steal elevator	2		
102	Scissors surgical st and curved	2		
103	Syringe hypodermic cartridqe type	8		
104	Rongeur's forceps	2		
105	File Alveolectomy	2		
106	Sterilizer high pressure steam drum shallow & deep	4		
107	Chattel forceps	2		
108	Inspection set {Probe, Major)	50		
109	Waste receiver	2		
110	Mixing slab glass	4		
111	SS tray with lid (small & medium)	2		
112	Kidney trays	6		
113	Plugged root canal	2		
114	Needle holder	4		

S No	Particulars	Qty	Rate (NRs)	Amount (NRs)
115	RVG (Radio Visuography unit with flexible sensor and Infr oral camera, Monitor/PC and accessories) with Dental Xray	2		
116	Fumigation Machine	2		
117	Digital Apex Locators for endodontic	2		
118	Rotary Motor (Endo) with hand piece	4		
<u>Physiotherapy Equipment</u>				
119	Short wave Diathermy	1		
120	Interferential Therapy	1		
121	Ultrasound Therapy	1		
122	Infra red Lamp	1		
123	Shoulder exercise system	1		
124	NMES electrical stimulator unit	1		
<u>Laboratory Equipment</u>				
125	Automatic Hematology Analyser	1		
126	Microscope	1		
127	Water Bath	1		
128	Calorimeter	1		
129	Timer	1		
130	Semi auto analyser for Biochemistry	1		
131	Centrifuse	1		
132	Hot air oven	1		
133	I Chroma immuneassay analyser	1		
134	Micropipettes (5-50 micro ltr)	1		
135	Micropipettes (10-100 micro ltr)	1		
136	Micropipettes (10-1000 micro ltr)	1		
137	ESR Stand	1		
<u>Furniture Items</u>				
138	Bed Stead Iron Hospital	1		
139	Bed Stead Fowler	1		
140	Table Bedside Type II	2		
141	Stool Steel	3		
142	Step Two tier	5		
143	Table 90 cm x 60cms Stainless steel	2		
144	Screen Movable	2		
145	Patient Trolley Stretcher	2		
146	Revolving Stool	14		
147	Receptacle Large 75 Ltrs	6		
148	IV Fluid Stand	2		
149	Examination Couch	5		
150	Cylinder Trolley	1		
151	Board Notice	2		
152	Lateral Filing Cabinet 3 drawer	3		
153	Rack Adjustable closed on 3 sides 6 tiers	9		
154	Rack Adjustable open	8		
155	Chair CB (without arms)-stackable-visitor	5		
156	Chair CBA (visitor) - with padded arm	12		

S No	Particulars	Qty	Rate (NRs)	Amount (NRs)
157	Chair CB Elevated and Rotating	2		
158	Chair Executive Revolving Low Back with push back with castors	8		
159	Computer Chair with Arm on Castors	3		
160	Computer Chair without Arm on Castors	1		
161	Chair Folding Multi seater set of 3	15		
Total				
VAT				
Fitting Charge				
G/Total				

2. **Please Specify the following :-**

(All columns are to be filled otherwise the offer is liable to be rejected)

S/No	Details	To be filled by the Firm
(a)	Is Excise duty/Tax extra ? (Answerer in Yes/No)	
	If Excise duty is extra, indicate the extent/current rate of Excise duty leviable for item	
(b)	Is Sales Tax extra ? (Answerer in Yes/No)	
	If Sales Tax is extra, indicate the rate against the Concessional Form	
(c)	Is customs duty Exemption Certificate (CDE) required (Answerer in Yes/No) If CDE is required indicate and enclose the notification under which CDE can be issued.	
	If CDE is required indicate Cost Including Freight (CIF) value of stores to be imported	
	If CDE is required indicate the Customs Duty payable.	
(d)	Is your company exempted from payment of sales Tax and Excise Duty ? (Answerer in Yes/No)	
(e)	Is the VAT extra? (Answerer in Yes/No)	
	If yes, Then mentioned the following:-	
	(a) Total Value on which VAT is leviable (b) Rate of VAT (c) Total Value of VAT leviable.	
(g)	Any other duty/levy	
(h)	Details of EMD (if applicable)	
(j)	Acceptance of Performance Bank Guarantee on confirmation of order	

3. **Total landed cost of project (Price Bid Ser No 1 + Price Bid Ser No 2)=**
NRs_____

1. Preference to the tenders quoting FIRM & FIXED rates may be given if their offer is found to be meeting all technical QRs.

2. Delivery/work to be carried out required : ECHS Polyclinic Butwal

3. Terms of Delivery : Local Delivery at site.

4. Consignee : RE ECHS
Defence Wing
Embassy of India,
Kathmandu, Nepal.

5. Inspection Authority : Defence Attaché/ AMA (ECHS)

6. Inspection Officer : Defence Attaché/ AMA (ECHS)

Company Seal

(Authorized Signatory of Company)

Date :

ACCEPTANCE TO TERMS AND CONDITIONS
PROCUREMENT OF MEDICAL EQUIPMENTS

1. **Validity**: Prices are valid upto _____ (fill date). (Minimum 120 days from the date of opening of tenders at ECHS Branch, Embassy of India, Kathmandu.

CERTIFICATE

It is certified that all the terms and conditions as laid in the tender and its appendices are accepted by the company and we will abide by them. It is further certified that any cost incurred on additional hardware required to complete the integrated project would be borne by us.

Company Seal

(Authorised Signatory of Company)

Place: _____

Date: _____