



**PANDIT RAGHUNATH MURMU
MEDICAL COLLEGE & HOSPITAL,
BARIPADAMAYURBHANJ**

Tel: 0672-257013;
e-mail:superintendentprmmch@gmail.com,

Tender Reference No. 1140 PRMMCH/2026-27 Dt. 18/03/2026

**TENDER DOCUMENT
FOR
SUPPLY OF
SMALL INSTRUMENTS & EQUIPMENT**

**Address for Correspondence- Office of the
Superintendent PRMMCH,
At/Po-Baripada, Dist- Mayurbhanj, Odisha
Pin-757001**


18.3.26
**Medical Superintendent
PRMMCH, Baripada**

TENDER CALL NOTICES SUPPLY OF SMALL INSTRUMENTS &
EQUIPMENT ANNUAL RATE CONTRACT BASIS

Sealed Tenders are invited for Supply of Small Instruments & Equipment on annual rate contract basis. The Tenderers have to download the Tender Documents directly from the WEBSITE available at www.mayurbhanj.nic.in. The Tender processing fee of Rs. 2360/- (2000.00 + 18% GST) (Non-refundable) & EMD Rs.4,00,000/- in the shape of Demand Draft only in favor of Superintendent, PRM MCH, Baripada, from any Nationalized/ Scheduled Bank payable at Baripada should be closed along-with the Tender paper/proposal. The Tenders will be received through Courier/Regd. Post / Speed Post only and should reach in the office of the undersigned on or before 06.04.2026 up to 5.30 P.M. The Tenders will be opened on 07.04.2026 at 11.30 A.M. in the Hospital Committee Hall, PRM MCH, Baripada in presence of the Committee members and the Tenderer so their authorized representatives. In case of absence of any bidder then bid document will be opened by the committee members.

Sl. No.	Particulars	Information
1.	Start Date of availability of tender document in the official website of Mayurbhanj district	18.03.2026
2.	Pre bid discussion	25.03.2026 at 11.30 AM At- Committee Hall, PRM MCH, Baripada.
3.	Closing Date of availability of tender document in the official website & Last date and time for receipt of proposal	06.04.2026 (till 5.30 P.M)
4.	Cost of tender Document (Non-refundable)	Rs.2360.00
5.	Opening of Bid	07.04.2026 at 11 AM At- Committee Hall, PRM MCH, Baripada.
6.	Opening of Financial bid	Intimated letter
7.	EMD in form of demand draft Receipt in favour of SUPERINTENDENT, PRM MCH, Baripada	Rs.4,00,000.00
8.	Address for submission of Tender	OFFICE OF THE SUPERINTENDENT, PRM MCH, Baripada, Mayurbhanj Pin No:757001, Odisha


**Medical Superintendent
PRM MCH, Baripada**

SECTION -I

TERMS AND CONDITIONS FOR SUPPLY OF SMALL INSTRUMENTS & EQUIPMENT

1. The Tenders should be properly sealed and super-scribe as "Tender for Supply of Small Instruments & Equipment for 2026-27".
2. The Tender will be in two parts i.e. **technical bid. (Cover-A)** and **price bid (Cover-B)**. The bidders should give their technical and financial proposal separately in two envelopes and should be put into another cover super scribed as "**TENDER FOR SUPPLY OF SMALL INSTRUMENTS & EQUIPMENT**". **IN REFERENCE TO ADVT. NO- _____ Dt. _____**".
3. The technical bid and price bid should be sealed in separate envelope otherwise bid will be rejected. The bid will be rejected for any shortfall of required documents as per terms and conditions. There is no further add-on of documents are allowed in the future. The tenders should be addressed to:

OFFICE OF THE SUPERINTENDENT, PRM MCH, Baripada,
Mayurbhanj, Pin No: 757001, Odisha
4. The tenderer should be a Registered Firm under GST Act.
5. The cost of the Tender call notice is Rs.2360.00 (2000+ 18% GST) (Rupees Two Thousand Three Hundred Sixty) only, which is non-refundable. The cost of tender should be deposited in the shape of the Bank Draft drawn in favour of SUPERINTENDENT, PRM MCH, Baripada payable at Baripada.
6. EMD Rs.4,00,000.00 (Rupees Four Lakh only) in favour of 'Superintendent PRM MCH, Baripada (Refundable without interest) payable at Baripada, the EMD of the non-responsive bidders will be returned after completion/finalization of the tender process and for approved bidders the EMD amount will be kept as Performance security. The performance security amount will be returned after completion of the tender tenure.
7. The EMD shall be returned to unsuccessful bidders within a period of eight week from the date of announcement of the successful bidders.
8. The tenders will be received up to 05.30 PM of dt.06.04.2026 through registered post/ speed post/ courier service only to the OFFICE OF THE SUPERINTENDENT, PRM MCH, Baripada. The



- tenders received beyond the scheduled date & time will not be entertained. The postal delay is being responsibility of the tenderers. The tenders will be opened in the next working day by a committee on dt.07.04.2026 at 11.30 AM. The tenderer may attend while opening the tenders.
9. All the queries & doubts will be sorted out in the Pre-Bid Meeting, after which no further suggestion, objection & changes will be entertained and the authority will not be responsible thereafter.
 10. The rate should be quoted inclusive of customs duty, packing, forwarding, insurance, transportation charges, door delivery and exclusive of GST.
 11. The delivery of the item should be made to the Central Store, PRM MCH, Baripada, in good condition.
 12. Any conditional Tender will not be accepted.
 13. The purchase shall be made on credit basis and the payment will be released as early as possible basing on availability of funds. At any situation, supply shall not be discontinued/delayed due to late in past payment.
 14. No advance payment will be made against execution of order. Payment will be released only after successful supply of the items.
 15. The Brand/ Make and model of the products should be mentioned in the tender. The authorization of the manufacture should be furnished along with the tender.
 16. Original documents may be produced for verification if asked for.
 17. Non submission of any document as required for the tender or the information/documents furnished by the tenderers with the tender papers are found to be misleading or in correct at any stage their tenders will be cancelled.
 18. The supplier or manufacturer should submit declaration for of not being blacklisted by any Govt. Agencies during the last 3 financial years. Affidavit in Non-Judicial Stamp Paper with appropriate value (Rs.20/-) duly certified by Notary shall be produced along with the bid document (Annexure-II).
 19. All documents and pages shall be computerized, serially numbered and duly full signature and sealed by the bidder.
 20. The bidder should quote single /unit rate for the items as per specification. The bidder who will quote multiple rates for the single item will lead to rejection of the tender.
 21. The delivery should be completed within 15 days from the date of receipt of supply order falling which the supply order will be issued



to the L2 bidders in L1 price without further intimation to the L1 bidder.

22. The bidder should submit copy of original tender book with signature in full & seal for proof of acceptance of tender.
23. If any information or documents furnished by the bidders are found to be incorrect or misleading at any stage, the said bid of the tender will be rejected and the bidder will be blacklisted for three years.
24. The offer submitted by the Bidders shall be valid for minimum period of 180 days from the date of last date of submission of Tender Paper.
25. **The following documents will be enclosed in the tender paper:**
 - a) Tender Paper Cost Rs.2360.00 i.e. Rs.2,000.00 +18% GST (Rupees Two Thousand Three Hundred Sixty) in favour of "Superintendent PRM MCH, Baripada (non-refundable) payable at Baripada.
 - b) EMD Rs.4,00,000.00 (Rupees Four Lakh only) in favour of 'Superintendent PRM MCH, Baripada (Refundable without interest) payable at Baripada.
 - c) Name Address of the Firm/ Agency, Name of the contact person, contact no. & Email Address (Annexure- VII).
 - d) Photo copy of valid GST Registration and up to date GSTR return for the last three months.
 - e) Copy of valid license for medical devices issued by CSDSO of manufacture and valid device license of the bidder.
 - f) Copy of authorization certificate of the manufacture (Annexure- VI)
 - g) Xerox copy of valid ISO of manufacturer/ distributor.
 - h) Xerox copy of valid CE/ISI/FDC/GMP of manufacturer/ distributor
 - i) Average annual turnover should not be less than ₹.4, 00,00,000.00 (Rupees Four Crore only for last 3 financial years. [i.e. 2022-23, 2023-24 & 2024-25]. The audit reports to be submitted for above said years. (Annexure- V)
 - j) Declaration/ Undertaking: The supplier or manufacturer should submit declaration for of not being blacklisted by any Govt. Agencies during the last 3 financial years. Affidavit in Non-Judicial Stamp Paper with appropriate value (Rs. 20/-) duly certified by Notary shall be produced along with the bid document (Annexure-II).
 - k) Self-attested copy of PAN Card
 - l) Declaration/ Undertaking as per Annexure- III
 - m) Declaration of supply period as per Annexure- IV

- n) Latest Solvency Certificate of the bidder.
 - o) IT Return for the last three financial year i.e. 2023-24, 2024-25 & 2025-26
 - p) Surgical and dental hand instrument determination of resistance against autoclaving, corrosion and thermal exposure. Necessary certificate should be furnished. (Should be supported by test report or certificate from competent authority). The instrument should comply to EN ISO 7153 standard for stainless steel used for surgical instruments and ISO 13402
 - q) Price sheet as per price format (Annexure-VIII)
 - r) Copy of Downloaded Tender Book duly full signed by the bidder.
 - s) All pages are serially in order and securely tied with seal and signature in full of the bidder.
 - t) An undertaking regarding "The quoted rates are not more than the prevailing market price" and will be valid for one year.
 - u) Bid Security Declaration as per Annexure- IX
 - v) Manufacturer's authorisation Certificate -Annexure-VI
 - w) Stainless steel material grade should be AISI 410, 420 & 440 certified and should be supported by test reports
 - x) Proof of supply copy of minimum 8 nos. (Govt. PSU) in each year for the last three years (i.e. minimum 24 nos. for the last three years) and end user of any two- Govt. hospital supply.
 - y) All pages are serially in order and securely tied with seal and signature in full of the bidder
26. The EMD shall be forfeited if the bidder withdraws its proposal during the interval between the proposal due date and expiration of the proposal validity period or on in case of successful bidder, if does not execute the agreement.

27. Selection procedure

In the First stage the technical proposals will be evaluated by the tender committee on the basis of bidder's fulfilment of eligibility criteria. Only those bidders whose technical proposals become responsive based on the eligibility criteria shall qualify for financial bid opening. In the financial bid the bidder with the lowest price shall be awarded the contract. However, in case more than one bidder quotes the same lowest price. Then the bidder having the higher annual average turnover shall be awarded the contract.



28. In the event of any dispute out of the contract, such dispute should be subject to the Jurisdiction of the Civil Court, Mayurbhanj
29. The Authority reserves the full right to accept, reject, or amend any or all proposals without assigning any reason.”
30. It would be the responsibility of the Bidders representative (only one person per bidder) to be present at the venue of opening of Bids. In case of absence of any bidder then bid document will be opened by the committee members.

COVER - B (PRICE BID)

The price to be quoted Small Instruments & Equipment should be sent in the prescribed price format in a separate sealed covers hereafter called **Cover-B (Price Bid)**.

- 4.1 The tender format (Price Schedule) in duplicate in the prescribed form (as per **Annexure - VIII**), must be submitted in Cover-B. The price of the item should be quoted inclusive of excise duty, insurance, packing, forwarding, freight (door delivery) and **excluding GST**.
- 4.2 The Cover “B” of bidder, who qualifies in their technical bid, will only be opened.



Check List

(To be submitted in **Cover-A** Technical Bid)

Please check whether followings have been enclosed in the respective cover, namely, Technical Proposal: **(Please arrange the documents serially in the following order& do the page numbering of the entire bid document and mention the page no. in the column "Page No." against the particulars in the check list as mentioned below for ease of scrutiny)**

Sl. No.	Details of the Bidders	Yes	Pag No.
1.	Tender Paper Cost Rs.2360.00(Rupees Two Thousand Three Hundred Sixty) in favour of "Superintendent PRM MCH, Baripada (non-refundable) payable at Baripada		
2.	EMD Rs.4, 00,000.00 (Rupees Four Lakh only) in favour of 'Superintendent PRM MCH, Baripada (Refundable without interest) payable at Baripada.		
3.	Name Address of the Firm/ Agency Name of the contact person, contact no. & Email Address. (Annexure- VII)		
4.	Photo copy of valid GST Registration and up to date GSTR return for the last three month.		
5.	Copy of valid license for medical devices issued by CSDSO of manufacture and valid device license of the bidder.		
6.	Copy of authorization certificate of the manufacture. (Annexure- VI)		
7.	Xerox copy of valid ISO of manufacturer/ distributor		
8.	Xerox copy of valid CE/ISI/FDC/GMP of manufacturer/ distributor		
9.	Average Annual Turnover Should not be less than Rs.4, 00, 00,000.00 (Rupees Four Crore) Only for the last 3 financial years. [I.e.2022-23, 2023-24 & 2024-25]. (Annexure- V). The audit reports to be submitted for the above said years.		
10.	Declaration /Undertaking: The Supplier or manufacturer should submit declaration for not being blacklisted by any Govt. agencies during the last 3 financial years. Affidavit in Non-judicial stamp paper with appropriate value (Rs.20/-) duly certified by Notary shall be produced along with the bid document (Annexure-II)		
11.	Self-Attested copy of PAN Card		

12.	Declaration/ Undertaking as per Annexure- III		
13.	Declaration of supply period as per Annexure-IV		
14.	Latest Solvency Certificate of the bidder		
15.	Surgical and dental hand instrument determination of resistance against autoclaving, corrosion and thermal exposure. Necessary certificate should be furnished. (Should be supported by test report or certificate from competent authority). The instrument should comply to EN ISO 7153 standard for stainless steel used for surgical instruments and ISO 13402		
16.	Stainless steel material grade should be AISI 410, 420 & 440 certified and should be supported by test reports		
17.	Price sheet as per price format (Annexure-VIII)		
18.	IT Return for the last three financial year i.e. 2023-24, 2024-25 & 2025-26.		
19.	Proof of supply copy of minimum 8 nos. (Govt. PSU) in each year for the last three years (i.e. minimum 24 nos. for the last three years) and end user of any two- Govt. hospital supply		
20.	Bid Security Declaration Annexure-IX		
21.	An undertaking regarding "The quoted rates are not more than the prevailing market price" and will be valid for one year.		
22.	Copy of Downloaded Tender Book duly full signed by the bidder		
23.	All pages are serially in order and securely tied with seal and signature in full of the bidder.		

DECLARATION

I / we hereby certify that the terms and conditions, specification etc. given with the tender notice have been read carefully and acceptable to me/us and that the information furnished above is full and correct to the best of my /our knowledge. I / we understand that in case of any deviation in the above statement at any state, the Firm/Agency will be blacklisted and will not have any dealing with in future.

Place:

Date: (Signature and seal of the authorized signature)



SELF DECLARATION FORM

(To be submitted by the Bidder in Non-judicial stamp paper)
[To be submitted in Technical Bid]

I/ We.....
having

My/ouroffice
at..... do declare that I /We have
carefully read all the terms & conditions of tender of the _____,
Odisha for the supply of **Small Instruments & Equipment**. The approved rate will
remain valid for a period of one year from the date of approval. I will abide with all the terms
& conditions set forth in the tender paper Reference no.

I/We do hereby declare I/We have not been de-recognised / black listed by any State
Govt. / Union Territory / Govt. of India /Govt. organisation / Govt. Health Institutions.

I/We agree that the Tender Inviting Authority can forfeit the Earnest Money Deposit
and black list me/us if, any information furnished by us proved to be false at the time of
inspection / Verification and not complying with the Tender terms & conditions.

I / We further declare that I / We possess valid manufacturing licence / authorised
distributor bearing no..... Valid up to.....
We..... do hereby declare that I / we will
supply the _____ as per terms, conditions & specifications of
the tender document.

Signature of the bidder :

Date :

Name & Address of the Firm:

Seal



DECLARATION
(To be filled by the Bidder)

I/We _____ hereby declare that I/We have quoted the rate for each individual item for which I/We are submitting the quotation for supply of Small Instruments & Equipment.

The quoted rate is inclusive of all charges such as duty, insurance, packing, forwarding, freight, and door delivery at the office of the Superintendent, PRM MCH, Baripada.

The rate also includes onsite warranty for a period of One year in case of equipment including spare parts, and is exclusive of GST (if any).

Date: _____

Place: _____

Signature of the Bidder:

Name of the Bidder:

Seal/Stamp:



ANNEXURE – IV

**DECLARATION
(To be filled by the Bidder)**

I/We _____ do hereby declare that I/We supply the stocks within 15 days from the date of issue purchase order. I/We agreed that the tender inviting Authority can forfeit the performance security amount and blacklist/ disqualified/debar me/us for a period of next 03 years (three years) for non-supply/ part supply of the stocks within the stipulated time period.

Date: _____

Place: _____

Signature of the Bidder: _____

Name of the Bidder: _____

Seal/Stamp: _____



ANNEXURE – V

(To be submitted in **Cover A -Technical Bid**)
(To be furnished in the **letter head** of the Auditor/ Chartered Accountant)

ANNUAL AVERAGE TURN OVER STATEMENT

The annual turnover for the last three financial years of M/s _____ are given below. It is hereby certified that the following statement is true and correct.

Sl. No.	Financial Year	Turnover in Core (Rs.)
01	2022-23	
02	2023-24	
03	2024-25	
Average Annual Turnover in Crore (Rs.)		

Date:
Place:

Signature of Auditor/Chartered Accountant
(Name in Capital)

Seal

Membership No.-

Registration No. of Firm

Note:

- To be issued in the **letter head** of the Auditor/Chartered Accountant mentioning the Membership no.
- Also attach photo copies of the audited P/L account of each year highlighting the turnover in support of that.

(To be submitted in **Cover A -Technical Bid**)

MANUFACTURER'S AUTHORISATION FORMAT

To

Ref:

Tender No. _____

Dated. _____

for _____.

Dear Sir,

We, _____ are the manufacturers of _____ (name of Small Instruments & Equipment's and have the manufacturing factory at _____.

1. Messrs _____ (name and address of the agent) is our authorized distributor for sale of _____ (name of the item(s))
2. We confirm that **Messrs** _____ (name of the above distributor) is authorized to submit a tender and enter into a contract with you for the above goods manufactured by us.

Yours faithfully,

(Signature with date, name and designation)

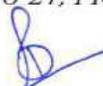
For and on behalf of Messrs _____

(Name & address of the manufacturers)

Seal

Note :

1. This letter should be on the *letterhead* of the *manufacturer* and should be signed by a person having the power of attorney to legally bind the manufacturer.
2. Original letter shall be attached to the **technical bid**.



ANNEXURE – VII

DETAILS OF THE TENDERER CONTACT PERSON

	Corporate Office	Local Branch Office / Zonal Office, in Odisha:
Name & Full Address		
Telephone Nos., landline		
Mobile		
Fax		
E – Mail		
Date of Inception		
Manufacturing License Nos. & Date		
Name of the contact person and designation		

Signature of the Tenderer:
with seal

Date:

Official Seal:



ANNEXURE- VIII

TEDNER FORMAT FOR PRICE BID (COVER-B)

Sl No.	Name of the items	Specification	Unit Price Including along with cost of excise duty, insurance, packing Transportation, forwarding, freight (door delivery) excluding GST.
1	2	3	4
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
13.			

***N.B.**

1. Price to be quote in only Indian rupees.
2. GST as applicable.



Form of Bid-Security Declaration

<Letter head of the bidder>

<Date>

Bid No.:

To

[Insert complete name and address of the Authority/ Employer/ Tender Inviting Authority]

We, the undersigned, declare that:

1. We understand that, according to your conditions, bids must be supported by a Bid-Security Declaration.
2. We accept that the Authority/ Employer/ Tender Inviting Authority shall cancel our empanelment and / or suspend/prohibit/debar/blacklist from participating in bidding in any contract of the State for a minimum period of 180 days, if we are in breach of our obligation(s) under the bid conditions, because we:
 - (a) Have withdrawn our Bid prior to the expiry date of the bid validity specified in the Letter of Bid or any extended date provided by us;
or
 - (b) having been notified of the acceptance of our Bid by the Employer prior to the expiry date the bid validity in the Letter of Bid or any extended date provided by us,
 - i. fail or refuse to furnish the Performance Security and, Additional Performance Security, if required in accordance with the ITB/ Terms of the Bid Document/RFP, or
 - ii. fail to agree to the decisions of the contract negotiation meeting or
 - iii. fail or refuse to execute the Contract.
3. We understand this Bid-Security Declaration shall expire if we are not the successful Bidder, upon the earlier of your notification of the name of the successful Bidder through award of contractor (ii) after the expiry date of the Bid validity.

Name of the Bidder*

Name of the person duly authorized to sign the Bid on behalf of the Bidder**

Title of the person signing the Bid

Signature of the person named above

Date signed

day of

*:In the case of the Bid submitted by joint venture specify the name of the Joint Venture as Bidder

** :Person signing the Bid shall have the power of attorney given by the Bidder attached to the Bid

[Note: In case of a Joint Venture, the Bid-Security Declaration must be in the name of all members to the Joint Venture that submits the bid.]

LIST IF ITEMS & TECHNICAL SPECIFICATION:

Sl. No.	Name of the Item	Specification
1.	Backhaus Towel Clip (Straight)	9cm length
2.	Backhaus Towel Clip (Angled)	14cm length
3.	Allis Forceps (4-5 teeth)	5inches
4.	Allis Forceps (4-5 teeth)	6inches
5.	Allis Forceps (4-5 teeth)	8inches
6.	Sponge Holding Forceps (Straight)	10 inches
7.	Artery Forceps (Straight)	5inches
8.	Artery Forceps (Straight)	8 inches
9.	Artery Forceps (Curved)	6inches
10.	Artery Forceps (Curved)	8inches
11.	Mosquito Artery Forceps (Straight)	4inches
12.	Mosquito Artery Forceps (Straight)	5inches
13.	Mosquito Artery Forceps (Curved)	4-inches
14.	Mosquito Artery Forceps (Curved)	5-inches
15.	Needle Holder(straight)	2500 teeth/ sq. inch-5inches
16.	Needle Holder(straight)	2500 teeth/ sq. inch-6inches
17.	Needle Holder(straight)	4000 teeth/ sq. Inch8inches
18.	Needle Holder(straight)	4000 teeth/ sq. inch-10inches
19.	Tooth Forceps	5 inches
20.	Tooth Forceps	6 inches
21.	Tooth Forceps	8 inches
22.	Plain Tweezer	4 inches
23.	Plain Tweezer	6 inches
24.	Tooth Tweezer	4 inches
25.	Tooth Tweezer	6 inches
26.	Plain Forceps	6 inches
27.	Plain Forceps	8inches
28.	Plain Forceps	10 inches
29.	Plain Forceps	12 inches
30.	BP Handle	no.3
31.	BP Handle	no.4
32.	Mayo tissue cutting Scissor	6 inches
33.	Mayo tissue cutting Scissor	8inches
34.	Mayo tissue cutting Scissor	10 inches
35.	Mayo tissue cutting Scissor	12 inches
36.	Dolphin Scissor (Curved)	8 inches
37.	Volkmann scoop Double ended	(4mm x 8mm)
38.	Volkmann scoop Double ended	(8.75mm)
39.	Cheatle Forceps	10 inches
40.	Cheatle Forceps	12 inches
41.	Kidney Tray	6 inches
42.	Kidney Tray	8inches
43.	Gallipot	4inches
44.	Gallipot	5inches
45.	Gallipot	6inches
46.	Army Navy Retractor	8.25 inches

47.	Army Navy Retractor	4.5 inches
48.	Large Abdominal Retractor	
49.	Deavers Retractor	
50.	Langen Back right-angle Retractor	28mm x 10 mm
51.	Langen Back right-angle Retractor	40mm x 11 mm
52.	Langen Back right-angle Retractor	55mm x 14 mm
53.	Babcock Forceps	6 inches
54.	Babcock Forceps	8 inches
55.	Sims Double Bladed Vaginal Speculum	
56.	Kochers Forceps (Straight)	6 inches
57.	Kochers Forceps (Straight)	8 inches
58.	Kochers Forceps (Curved)	6 inches
59.	Kochers Forceps (Curved)	8 inches
60.	Uterine Clamp	10 inches
61.	Vulsellum Forceps	
62.	Hernia Ring Forceps	
63.	Bone Lever	(267)
64.	Periosteal Elevator	molt 9
65.	K-wire Cutter	(Pocket Cutter)
66.	Jumbo Cutter	
67.	Bone Cutter	<ul style="list-style-type: none"> The equipment should be independent floor standing with 'C' shape construction. Body Frame should be CRCA Powder Coated after 7-Stage Phosphating Process for very high scratch resistance & long life. Sheet metal should be fabricated on CNC machines for Fabrication accuracy, reliability & finish. All welding should be TIG/MIG. Cutting Table should be made of thick stainless steel sheet grade SS304 with heavy for firm, smooth, jerk free movement. Size of Cutting Table should be 785 x 585 mm, ±10mm approx. Total Table Travel should be

		<p>about 1245 mm ±10mm,</p> <ul style="list-style-type: none"> • Size of Extension Table should be about 455 × 760 mm ±10mm. • Motor Capacity: 1 H.P. Crompton Make. • The system should have strong blade that can cut thin bone slice. • Low vibration. • Following Certifications are required mandatorily with the Bid: <ul style="list-style-type: none"> ○ CE (European) ○ ISO 9001:2015 ○ ISO 13485:2016 for Medical Devices ○ WHO-GMP ○ US FDA ○ ISO 14001:2015 Environment Safety • To be supplied with blade, electrical cord and hospital-grade plug. • Suitable to work on 220V, Single phase, 50 Hz AC supply
68.	Bone Nibbler (Straight)	6 inches
69.	Bone Nibbler(curved)	6 inches
70.	Gigli-saw	
71.	Bull Dog Clamp	(Normal)
72.	Bull Dog Clamp	(T shape)
73.	Formalin Chamber	(26 x8x8)
74.	Cidex Chamber	(61 x 17.8 x 10.2 cm)
75.	Sterilised Drum	(38 x 30 cm)
76.	Sterilised Drum	(28 x 24 cm)
77.	Sterilised Drum	(23 x 20 cm)
78.	X-ray View Box	(2 feet x 1.5 feet)
79.	Vascular Forceps	10 inches
80.	Vascular Forceps	12 inches
81.	Micro motor with straight hand piece	rpm max 40,000 with led light

82.	Wire twister small	Tungsten carbide (small)
83.	Wire twister Large	Tungsten carbide (large)
84.	Wire Cutter	
85.	Dental extraction forceps set	
86.	Frazier Metallic suction tip	
87.	Sterilizer	
88.	Mouth probe	
89.	Heister Jaw opener	
90.	Twiser	
91.	SIMs Single Bladed Speculum	(Large)
92.	NI BP cuff for monitor	Adult and Minor
93.	Oxygen Key	
94.	Hub Cutter	<p>HUB CUTTER ELECTRIC- -</p> <ul style="list-style-type: none"> * Durable ABS Construction: The Needle & Syringe Destroyer features a robust ABS body, ensuring durability and longevity in medical environments. * Efficient Needle and Syringe Disposal: Engineered for seamless disposal, this device efficiently destroys needles and syringes, providing a safe and effective solution for medical waste management. * Compact and Portable: With its ABS body, the destroyer is designed to be compact and portable, allowing for easy placement and use in various healthcare settings. * User-Friendly Operation: The ABS Body Needle & Syringe Destroyer is equipped with user-friendly features, ensuring straightforward operation and enhancing convenience for healthcare professionals. * Safe Medical Waste Management: This device promotes safe and hygienic medical waste management practices, contributing to a secure healthcare environment and reducing the risk of needle stick injuries. <p>* CDSKO APPROVED</p>
95.	Ambu Bag Adult	(Big)
96.	Ambu Bag (Paediatric)	Small
97.	Laryngeal Mask (Classic LMA)	1 set of all available sizes

98.	Laryngoscope	Mcintosh with different size of blades
99.	Air bed	
100.	Endotracheal Tube (PVC & Flexo metallic)	All sizes
101.	Back Rest	
102.	Weight Machine	
103.	Stitch cutter/Stitch cutting Scissor	
104.	Knee Hummer	
105.	Humby's Knife (Skin grafting Knife)	
106.	Lead Apron	
107.	Elevator Set	
108.	Torpedo Extraction Forceps	
109.	GIC	
110.	Composite Kit	
111.	Vulsellum	10 inches
112.	Foetal Doppler	
113.	Schiotz tonometer	
114.	Perimeter	<p>Perimeter Priestly Smith S/LP.984 B & T</p> <ul style="list-style-type: none"> • The perimeter is an instrument for accurate charting of the field of vision. It consists of a vertical stand on which a metallic arc is pivoted. It also bear a circular black disc to read the meridian in which the arc in shape of a semicircle with radius 330 mm. Its rotating in any direction and fix at any position with a tightening screw. • The arc is graduated from 0° to 90° with a movable test object which is a white color spot of size 10mm diameter painted on a circular disc it can be moved with arc. • An adjustable chin rest and a detachable levelling bar is fixed in front of the metallic arc. • A scale and circular chart frame to hold the chart paper in position is provided at the back of the circular disc. • A metallic graduated scale with a movable pin-punch pointer is fixed to mark on the perimeter chart paper. • Perimeter priestley smith table model. • Used to measure the peripheral field of vision. The apparatus vision. • The apparatus comprises of a calibrated arc, revolving chart holder. • The object carrier which moves over the arc, contains five colours and five apertures of different diameter calibrated scale. • Adjustable chin rest. • All fitted over a sturdy base with receptacle for keeping charts. • For table top use, with 100 ch



115.	I/A Cannula	20G
116.	I/A Cannula	22G
117.	I/A Cannula	21G
118.	Keratoplasty set	
119.	Cataract Set	
120.	Dastoor Superior Rectus Forceps	1 X 2 teeth
121.	Universal Eye Speculum (Screw)	
122.	Dressing Pad	Standard
123.	Pulse Oximeter Probe	
124.	Limsforcep	
125.	Conjunctival Scissors	
126.	BP Blade Holder (Bard-Parker Handle)	Flat
127.	Wire Vectis (Loop)	
128.	Vannas Scissors	11 mm angled
129.	Vannas Scissors	curved
130.	Corneal Scissors	Small Blade
131.	Rigid Nasal Endoscopes	18CM/4mm
132.	RIGID Oesophagoscope set (ADULT)	
1	Hopkins Straight Telescope 0-degree, diameter 5.5 mm length 53 cm, auto clavable, fiber optic light transmission incorporated, colour code: green	
2	Esophagoscope tube, Size 11, outer diameter 12mm, for use with fiberoptic light transmission 12016FM working length 50cm	
3	Esophagoscope tube, Size 12, outer diameter 13 mm, for use with oesophagoscope tube 12016 E/F straight forward telescope 12015AA	
4	Tube-insert, with instrument channel and anti-fog-device, for use 12016 EN, for use with oesophagoscope tube 12016 E/F and straight forward telescope 12015AA	
5	Tube-insert, with injection needle and cap 12016EN, for use with oesophagoscope tube 12016 E/F and straight forward telescope 12015AA	
6	Optical forcep, for for peanuts, big and soft foreign bodies, double - action jaws, working length 55cm	
7	Optical forceps, with round cupped jaws, for biopsy, double	

		action jaws,cupped diameter4.3mm, working length 55cm	
	8	Optical forceps alligator,for hard foreign bodies with large jaws,double-action jaws,workinglength 55cm	
	9	Optical forceps alligator,for hard foreign bodies with large jaws,double-action jaws,workinglength 55cm	
	10	Optical forceps universal, forbiopsy,removalforeign bodies and denatured tissue,double-action jaws,working length 55 cm.	
	11	Plug with rubber seal for 12016G	
	12	Forcep ,flexible,forbiopsy,single-action jaws,jaw width 3.2mm working length	
	13	Injection needle, flexible	
	14	Suction catheter,9Fr length 60cm, with adapter 10479D	
	15	Coagulation Cannula for suction,flexible, insulated,outer diameter 3mm,working length 68cm	
	16	Rubber insufflations bulb, with LUER-Lock Connector, consisting of: 40924 B ryubber bulb 40924 S rubber Tube	
133.	RIGID Oesophagoscope set (Paediatric)		
	1	Esophagoscope Tube length 30 cm, size 6	
	2	Esophagoscope tube, length 30 cm Size 5	
	3	Esophagoscope tube, size 4, outré diameter 6.7 mm, inner diameter 6.2 mm, length 30 cm	
	4	Esophagoscope tube, length 18.5 cm Size 3.5	
	5	Esophagoscope tube, length 18.5 cm Size 3	
	6	Prismatic light Deflector, autoclavable, with connection for fiber optic lioght cable	
	7	Rubber Telescope Guide for use with telescopes or optical forceps	
	8	Adjustable Magnifier, swing-away type, with ring adaption, autoclavable	

9	Hopkins Straight Telescope 0-degree, diameter 2.9 mm length 36 cm, auto-clavable, Fiber optic light transmission incorporated, Colour code: green	
10	Optical coin forceps for paediatric Broncho-Esophagoscopes, 2x2 teeth, for use with telescope 10324 AA, forced controlled handle for removal of coins and flat foreign bodies	
11	Optical Forceps with spring – action handle for controlled removal of peanuts and soft foreign bodies, for use with Telescope 10324 AA	
12	Optical alligator forceps for paediatric Broncho-Esophagoscopes for use with Telescope 10324 AA forced controlled handle for removal of hard foreign bodies	
13	Forceps for peanuts and soft foreign bodies, double-action jaws, Sheath diameter 1.5 mm, working length 35 cm	
14	Forceps alligator, for hard foreign bodies, double-action jaws, Sheath diameter 1.5 mm, working length 35 cm	
15	forceps universal, for biopsy, and foreign bodies, double-action jaws, Sheath diameter 1.5 mm, working length 35 cm.	
16	Forceps with round cupped jaws, for biopsy, double action-jaws, cupped diameter 3 mm, Sheath diameter 1.5 mm, working length 35 cm.	
17	Rigid suction tube, with rubber tip, straight, outer diameter 02 mm, working length 35 cm.	
18	Cotton carrier, working length 35 cm	
134.	McPherson forceps	11 mm Angled
135.	IoLdialer (sinsky hook)	
136.	Rhexis forceps	
137.	Needle holder – Barraquer	Short Model Micro jaws without lock
138.	Suture tying forceps- straight (Jaffe)	Straight
139.	Suture tying forceps- Curved	

140.	Plain Scissor	
141.	Muscle Hook	Size 1
142.	Hydro Cannula (Steel)	
143.	Chalazian Clamp	
144.	Chalazian Scoop (Chalazion curette)	Size 1, 2, 3
145.	Retinal surgery set	
146.	BP Instrument (aneroid)	
147.	Sponge holder	9 ½ inch
148.	Evisceration spoon (Bunse)	Small
149.	Lacrimal Cannula	
150.	Lacrimal Sac Retractor	
151.	Nasal Bone Punch	
152.	Bipolar wet Cautery	
153.	Muscle Hook (Graefe)	Steel
154.	Enucleation scissors	Straight
155.	Periosteal Elevator (Freer)	7 inch (17.8 cm) double end
156.	Entropion Clamp Set	
157.	DCR (Kerrison Punch)	2.5 mm Punch
158.	DCR	3 mm Punch
159.	DCR	1 mm Punch
160.	Hand held Otoscope	
161.	Scissor	
162.	McCoy laryngoscope with all size blades	All size Blades
163.	Gum elastic Bougie	
164.	Intubating LMA	
165.	Ventilating Bougie	
166.	Clear face mask (Transparent)	size 3
167.	Clear face mask (Transparent)	size 4
168.	Clear face mask (Transparent)	size 5
169.	Reservoir bag	2L
170.	Reservoir bag	1L
171.	Reservoir bag	500 ml
172.	Stylet	Adult size
173.	Stylet	Paediatric size
174.	BP handle	No 3
175.	BP handle	No 4
176.	Microtome with straight Piece	<ul style="list-style-type: none"> • Rotary Microtome should be Manually Programmable. • Vertical movement should be by zero-backlash and maintenance free integrated sub assembly. • Special smooth running hand wheel. One hand quick clamp change. • Fine orientation with one hand operation and zero positioning, Easy exchange of specimens.

		<ul style="list-style-type: none"> • Set Section Thickness viewing window must be provided. • Large section waste tray, covering the entire working area • Section thickness range: from 0.5 micron to 2 micron in 0.5 micron increments from 2.0 micron to 10 micron in 1 micron increments from 10 micron to 20 micron in 2 micron increments from 20 micron to 60 micron in 5 micron increments • Trimming Section thickness range: 0.5µm to 60µm Manually Adjustable. • Coarse Feed : Manual via coarse feed wheel. • Cutting Hand Wheel with force balance system. • Horizontal Specimen Feed range must be 30mm ± 1mm • Vertical Specimen Feed range must be 70mm ± 1mm • Maximum Specimen Size: 50mm(L) x 60mm(H) x 40mm(W) • Specimen orientation: x - and y – axes with 8° and Rotation: up to 360° • Specimen orientation must be with '0' reference • Cutting drive: Manual by means of hand-wheel • Sectioning Mode: 1 Manual mode • Availability of 'Rock' Sectioning • The equipment should be supplied Complete with: Cassette holder, Knife holder base, Object orientation unit & Section waste tray. • The equipment should be supplied with Universal Blade holder for both, High and Low profiles blades with safety finger guard.
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		<ul style="list-style-type: none"> • Operating conditions: +5°C up to +40°C for indoor use only. • Dimensions basic instruments: 510 x 455 x 305 mm • Weight (with accessories): approx. 26 kg • Following Certifications are required mandatorily with the Bid: <ul style="list-style-type: none"> ○ CE (European) ○ ISO 9001:2015 ○ ISO 13485:2016 for Medical Devices ○ WHO-GMP ○ US FDA ○ ISO 14001:2015 Environment Safety <p>0. NSIC Certificate should be provided with Bid.</p> <p>1. The following Documents should be provided with supply.</p> <ul style="list-style-type: none"> • Instruction Manual • Calibration Certificate • IQ/PQ/OQ/ Certificates <ul style="list-style-type: none"> • Bidders should specify locations of service facilities available in India.
177.	Mouth mirror	
178.	Mouth mirror	
179.	Explorer	No-23
180.	Warwick James Elevator	
181.	Dental Extractor elevator	
182.	Universal Curette	
183.	Wire Twister	
184.	Needle holder	6 inch Straight
185.	Pedo Extraction forceps	
186.	Upper anterior Forceps	
187.	Lower third molar forceps	
188.	Upper Root Forceps	
189.	Lower Root Forceps	
190.	Minor OT Pedestal Light	
191.	Electrical plaster cutter	



192.	Manual plaster cutter	
193.	Tooth Forceps	Small
194.	Tooth Forceps	Large
195.	Stich cutter	Standard Size
196.	Stapler Remover	Standard Size
197.	Instrument tray	
198.	Foot steps	
199.	Plaster Table	
200.	Scalpel Handle	
201.	Grossing Knife	Large
202.	Grossing board (Wooden)	3"x2"
203.	Scale	Steel- Large
204.	L shaped Mould	
205.	Plane Tin Plate	
206.	Cameco aspirator	
207.	Steel Mug with Handle	
208.	Stainless steel Mould	
209.	Plastic embedding ring	
210.	Bone marrow Needle (Salha's)	18 G
211.	Wax Bath	Thermostatic maintain Temperature between 60-70 C
212.	Borosilicate Glass beaker with lid	2000 ml
213.	Incubator	
214.	-20 Mini cooler	1.5
215.	Spin wins micro-Centrifuge	32 tube
216.	Vertex Shaker	
217.	Fogger Machine	FOGGER * Adjustable Output Control – Allows fine-tuning of the fogging intensity from 0-200ml/min using a rotating knob. * Large Capacity & Reach – 5-liter tank, with a fogging range of 25-35 feet distance and 20-25 feet height for extensive coverage. * Powerful Motor – 28,000 RPM motor, operating at 220-240V, 50Hz, with a power consumption of 1200W. * Durable Construction – Made of stainless steel and aluminum, ensuring corrosion resistance and long-lasting performance. * Lightweight & Portable – Weighs approximately 5 kg, making it easy to transport and maneuver. * Efficient Fogging Technology – ULV technology ensures even dispersion of disinfectants and

		pesticides, making it perfect for hospitals, offices, homes, warehouses, and outdoor spaces. * CDS CO APPROVED
218.	Tongue Depressor	
219.	Stich Cutter/Stich cutting Scissor	Standard
220.	BP Instrument	Automatic
221.	BP Instrument	Manual
222.	Instrument Trey	
223.	Steel Mug with Handle	
224.	Nerve Locator & Needle	
225.	Artery Forceps (Curved)	6 inches
226.	Artery Forceps (Straight)	5 inches
227.	Focusing Lamp for Thoracoscopy	
228.	Dynaplast	4 inches
229.	Under Water Seal Drainage bag	Standard Size
230.	Needle Holder (Straight)	2500 teeth/Sq.inch
231.	Cheatele Forceps	10 inches
232.	Mersilk with Cutting Needle	1-0
233.	Punch Biopsy Forceps	
234.	Hegar's Dilator set	All Size
235.	Uterine Curette	
236.	Uterine Sound	12 inch
237.	Cuscus' speculum	
238.	MVA Syringe	
239.	Devours refractor	
240.	Sims' single bladed speculum	
241.	Myoma Screw	8 inch
242.	Bone Holder	Big
243.	Bone Holder	Small
244.	Bone Locker	Small
245.	Pneumatic Tourniquet	Adult Size
246.	Plate Holding forceps	Small
247.	Plate Holding forceps	Large
248.	ICTD	18,20,24,26,28
249.	Nerve Locater T handle	
250.	Peripheral Nervous System (NPS)	
251.	Wall mounted oxygen flowmeter	
252.	Pressure infuser bag	(500 ml) with cuff, Gauge & pump
253.	Longenback refractor	Small
254.	Sinus Forcep	
255.	Tongue holding Forcep	
256.	Monopolarcuttery pencil	Standard Size
257.	Bipolar cuttery pencil	Standard Size
258.	Vascular clamp (Pedicle)	Standard Size
259.	Humbys Skin scalpel blade	Standard Size
260.	Foley's introducer catheter	Standard Size
261.	Suction cannula (steel)	small
262.	Fine dissection scissor	04 Inch

263.	Devor's retractor	Standard Size
264.	Gallay Pot	
265.	Skin Hook	05 Inch
266.	Thyroid retractor	
267.	Thomson Self-abdominal retractor	
268.	Right angle Forceps	6 inch
269.	Right angle Forceps	8 inch
270.	Right angle clamp hold to the rectal stump	Standard Size
271.	Curved non crushing intestinal clamp	Standard Size
272.	Straight non-crushing intestinal clamp	Standard Size
273.	Desjardin Forceps	Standard Size
274.	Urethral dilator	Standard Size
275.	Suture cutting scissor	Standard Size
276.	Coscoc Speculum	Standard Size
277.	Sims speculum	3 ¼" x 3"
278.	Sims speculum	1" x ¼" x 4"
279.	Obstetric outlet forceps	wrigley
280.	Autoclavable vacuum extractor (silicon) cup with metal handle	2" x 10"
281.	Autoclavable vacuum extractor (silicon) cup with metal handle	2.4" x 10"
282.	Ovum forceps	12"
283.	Tenaculum forceps	Standard 7"
284.	Tenaculum forceps	Standard 8 ¼ "
285.	Green armytage clamp	8"
286.	bowl	big
287.	bowl	small
288.	Ayre's spatula (wooden)	standard
289.	Metal aspirator(pipelle)	8"
290.	IUCD extractor	8"
291.	Stethoscope (Littmann)	standard
292.	Scissor (curved,)	6"
293.	Scissor (suture cutting, 6")	6"
294.	Suction machine	standard
295.	Weighing scale	standard
296.	vaginal wall retractor	12"
297.	Mayo scissors	5" straight
298.	Mayo scissors	5" curved
299.	Mayo scissors	6" curved
300.	Mayo scissors	8" curved
301.	Needle holder	8" straight
302.	Needle holder	6" curved
303.	Needle holder	8" curved
304.	Right angle forcep	10"
305.	Dissecting forcep-toothed	6"
306.	Dissecting forcep-toothed	8"

307.	Dissecting forcep-plain	6"
308.	Dissecting forcep-plain	8"
309.	Gallypot (small)	standard
310.	Instrument tray with cover	10" x 12"
311.	Instrument tray with cover	10" x 8"
312.	Instrument tray with cover	15" x 12"
313.	Baby tray	18" x 12"
314.	D & E set	standard
315.	ECG machine	<p>Electrocardiograph should have capability of recording 12-lead ECG and should have the following features:</p> <ul style="list-style-type: none"> ➤ Should have simultaneous acquisition and recording of 12 Leads ECG waveform. ➤ Should have a display to preview the ECG waveform before printing. ➤ Should have 9 inch or more color TFT LCD display. ➤ Should be compact, portable, and easy to operate. ➤ Should have keyboard for manual entry of patient data. ➤ Should have provision for providing Hospital Name on the printed record. ➤ Should work on rechargeable Lithium-ion battery. ➤ Should have a frequency response of 0.05-150 Hz or more. ➤ Should have ECG sampling at 500 samples/sec or more. ➤ The device should weigh less than 5 kgs with battery. ➤ Should have a special arrhythmia triggered mode of printing. ➤ Should have Pacemaker detection facility. ➤ Should be able to record on different modes of sensitivity: 2.5,5,10,20 mm/mV & Auto Gain



		<p>Control.</p> <ul style="list-style-type: none"> ➤ Should have different recording speeds: 5, 10, 12.5, 25 and 50 mm/sec. ➤ Should have different filters available for smoothing of waveform. ➤ Should have EMG Filter, Anti-Drift Filter & DF protection ➤ Should have different print formats: 3/6/12, 3x4 with rhythm leads, 3x4+3 rhythm 6x2, 12x1. ➤ Should have a large storage of 400 ECG's or more. ➤ In case of error in lead connections, the machine should display the change in colour of particular lead. ➤ Should be able transfer data directly in PDF, HL7 format to USB, Ethernet interface for FTP transfer and connectivity. ➤ Should be able to print ECG Trace on 210mm (Z-fold & Roll) / 216mm (Roll) Wide Paper with Selectable Darkness Feature ➤ Should have virtual lead placing guide/aid with high resolution. ➤ Should have option to select between different QTc formula like Bazett, Fridericia, Framingham, Hodges. ➤ Should have facility of printing in automatic/ manual/ rhythm/ Long lead mode of printing. ➤ Should have facility for ECG analysis and interpretations based on Age, gender & race specifics. ➤ Should have option to provide detailed printout of patient data. ➤ Should have option of
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		<p>freezing Up to Two-minute or more scrollable trace view for all 12-leads.</p> <ul style="list-style-type: none"> ➤ Should have Paper save mode with option of capturing the sampled ECG with Interpretation analysis. ➤ Should have the capability to generate any number of ECG Copies for distribution. ➤ Should be able to connect to PC software. ➤ Should be able to operate to a maximum of 4 Hours on a newly charged battery. ➤ Should record min 500 ECG with fully charged battery. ➤ Should have direct external printer connectivity. ➤ The unit should be portable and should be able to carry with help of a handle. ➤ The product should be BIS certified. ➤ CDSCO certificate should be submitted mentioning manufacturing site address. ➤ The manufacturer should be ISO 13845 certified.
316.	Instrument steriliser	standard
317.	Dressing drum	15 x 12 inch seamless
318.	Dressing drum	11 x 9 inch seamless
319.	Dressing drum	9 x 9 inch seamless
320.	Pulse oximeter	standard
321.	Revolving stool	standard
322.	Bedside screen (Threefold)	standard
323.	Digital thermometer	standard
324.	Needle cutter	standard
325.	Syringe and needle destroyer	standard
326.	Chittleforcep with stand	standard
327.	Tooth forcep	4"
328.	MVA set	standard
329.	D & C set	standard
330.	Vaginal wall retractor	12"
331.	Endometrial curette	7"
332.	Saline stand	standard
333.	Steel stool	standard
334.	Crash cart trolley	standard



335.	Dithermy machine (electric)	standard
336.	Multipara monitor	standard
337.	OT monitor (T Para)	standard
338.	Mobile OT light	<p>EMERGENCY LIGHT with battery backup (OT STAND LIGHT)</p> <ol style="list-style-type: none"> 1.Colour temperature to be between 3,000 and 5,000 K; shadow less. 2.Illumination level at 1 m distance to be at least 60, 000 lux. 3.Colour rendering index to be 93 or greater. 4.Minimum bulb life required 1, 000 hours (incandescent type) or 20, 000 hrs (LED type). 5.Field diameter required \varnothing 16cm, field depth required \varnothing 50 c m. 6.Focal length required \varnothing 65 cm. 7.Heat to light ratio to be \leq 6m W/m 2.l x 8.Brightness control to allow full adjustment from zero to maximum illumination. 9.Bulb voltage and type to be clearly labelled on external body. 10.Replacement bulbs to be locally available. 11.Front panel to include power switch and battery state indicator. 12.Automatic switching to battery power in the event of power failure. <p>2.2SettingsManual 2.3User’s interfaceManual</p> <p>3.PHYSICAL CHARACTERISTICS</p> <ol style="list-style-type: none"> 3.1ConfigurationCase is to be hard, splash-proof and corrosion resistant Movement must be easily achieved by operator of height 1.5 m Light head mounting to allow vertical and rotational movement, capable of illuminating at least 1 m high table Handle for movement must be easy to grasp and clean Light must remain steady on position and balanced once moved Base to have at least four fully 360 degree swivel castors, minimum diameter 75mm Whole system to be stable for all position so flight head All power supply and battery location to be within access for ease in replacement. 3.2Mobility, portabilityPortable on castors. <p>4.ENERGY SOURCE (electricity, UPS)</p> <ol style="list-style-type: none"> 4.1Voltage (value, AC or DC, monophasic or triphase) 220VAC\pm10%,50Hz 4.2Battery operated, Internal, replaceable, rechargeable battery allows operation for at least 5 hours in the event of power failure Battery charger to be integral to mains power supply, and to charge battery during mains power operation of unit.



		4.3Power consumption100W or below 4.4Other energy suppliesMains cable to be at least 2.5m length CDSCO APPROVED
339.	Footstep	standard
340.	Heaney Hysterectomy clamp	8"
341.	Kochers clamp curved	8"
342.	Abdominal retractor with 3 interchangeable blade	large
343.	Abdominal retractor with 3 interchangeable blade	small
344.	Doyens retractor	standard
345.	L retractor	standard
346.	Daevers retractor	½" x 12"
347.	Daevers retractor	½" x 9"
348.	Cautery machine	standard
349.	Cautery pencils, pads	standard
350.	Suction pipes	standard
351.	Suction head	standard
352.	Suction canula (karman)-all sizes	standard
353.	Cervical Punch Biopsy Forcep	standard
354.	Igel	With all available sizes
355.	Proseal LMA	With all available sizes
356.	Intubating LMA/LMA Fastrach	With all available sizes
357.	Baska Mask	With all available sizes
358.	Peripheral Nerve Stimulator with locator	Standard
359.	Echogenic needles	
360.	North Pole (RAE Tube)	With all available sizes
361.	South Pole (RAE Tube)	With all available sizes
362.	Micro-laryngeal Tube	With all available sizes
363.	Nim EMG Endotracheal Tube	With all available sizes
364.	Nim Nerve Integrity monitor	
365.	Auto Refractometer with Keratometer	
366.	Snellen's Vision drum (Wall Mountable)	Manual eye testing distance vision drum with multiple language
367.	Nebuliser Machine	standard
368.	Throat Suction Machine	standard
369.	Ophthalmoscope	
370.	Radio frequency cautery machine	2.7 MHz,100watts
371.	Staright scissors	6 inch
372.	Curved Scissors	6 inch
373.	Needle holder	8 inch
374.	Biopsy punch	3mm,4mm & 5 mm
375.	Plain Forceps	6 inch
376.	Comedone Extractor	6 inch
377.	Centrifuge	
378.	Lab Refregerator	
379.	Binocular microscope	

380.	Digital Water Bath	
381.	BOD Incubator	
382.	Walsham Forceps	9"
383.	Walsham Forceps	9.25"
384.	Asch Forceps	9"
385.	Asch Forceps	9.4"
386.	Biopolar Pencil	
387.	Monopolar Pencil	
388.	Tracheostomy Tuve (PVC) Non Cuff	4 mm
389.	Tracheostomy Tuve (PVC) Non Cuff	5 mm
390.	Tracheostomy Tuve (PVC) Non Cuff	6 mm
391.	Trachcostomy Tuvc (PVC) Non Cuff	7 mm
392.	Tracheostomy Tuve (PVC) Non Cuff	7.5 mm
393.	Tracheostomy Tuve (PVC) Non Cuff	8 mm
394.	Trachcostomy Tuvc (PVC) Cuff	4 mm
395.	Tracheostomy Tuve (PVC) Cuff	5 mm
396.	Tracheostomy Tuve (PVC) Cuff	6 mm
397.	Tracheostomy Tuve (PVC) Cuff	7 mm
398.	Tracheostomy Tuve (PVC) Cuff	7.5 mm
399.	Tracheostomy Tuve (PVC) Cuff	8 mm
400.	Tracheostomy Tuve (PVC) Cuff	9 mm
401.	Tracheostomy Tuve (PVC) Cuff	10 mm
402.	Percutaneous Tracheostomy Tube Set-1	
403.	TONSILLECTOMY SET-1	
	1 Yanker Suction Cannula	
	2 Boyles-Davis Mouth Gag	
	3 Adenoid Curette Case	
	4 Adenoid Curette Plain	
	5 Waugh's Forceps	
	6 Waugh Plain	
	7 Pusher Knot Tier	
	8 Pillar Retarctor& Dissector Serrated	
	9 Pillar Retarctor& Dissector	
	10 Tonsillar Snare	
	11 Tonsillar Artery	HALF CURVED
	12 Tonsillar Artery	FULL CURVED
	13 Tonsillar Vulsellum	
	14 Peritonsillar Forcep	
	15 Tonsillar Aryery Forcep	STRAIGHT
	16 Deni's Browne Tonsil Holding Forceps	
	17 Wilson Tonsil Artery Forceps	
	18 Negus Tonsil Artery Forceps	
404.	ADULT RIGID BRONCHOSCOPE SET	ADULT
405.	RIGID PAEDIATRIC BRONCHOSCOPE SET	PAEDIATRIC
406.	Hess Iris Forceps	1×2 Teeth, Standard model

407.	St. Martin Suturing Forceps	1×2 Teeth
408.	McPherson IOL forceps	11mm Angled
409.	Dastoor Superior Rectus Forceps,	1×2 Teeth
410.	Vannas capsulotomy Scissors	Curved
411.	Vannas Capsulotomy Scissors	11mm Angled
412.	Barraquer N. holder Short Model micro jaws	W/O Lock
413.	Hartman Mosquito forceps	Straight
414.	Hartman Mosquito forceps	Curved
415.	Dastoor Iris Retractor	Straight
416.	Komanbair Iris Spatula	Double Ended
417.	Lewis lens loop	Small
418.	Brad-parker Handle#3	Flat
419.	Lens Dialer	
420.	Irrigating Vectis	
421.	Simco Cannula	20G,21G,22 G
422.	Iris Repositor	
423.	Limbs Forceps	
424.	Jaeger Lid Plate	
425.	Meyerhoefer Chalazion Curette	Size 0
426.	Meyerhoefer Chalazion Curette	Size 1
427.	Meyerhoefer Chalazion Curette	Size 2
428.	Meyerhoefer Chalazion Curette	Size 3
429.	Eye Scissors, Curved	4 ½" Length
430.	Hunt Chalazion Forceps	
431.	Desmarres Chalazion forceps	13 mm Diameter
432.	Castroviejo N. Holder Std jaws Curved With Lock	
433.	Bard-Parker Blade	11
434.	Bard-Parker Handle	39, Round
435.	Barraquer colibri Forceps	1×2 Teeth, 0.12 mm
436.	Graefe Muscle Hook	Size 1
437.	Graefe muscle Hook	Size2
438.	Graefe Muscle Hook	Size3
439.	Knapp Strabismus Scissors,	Straight
440.	Knapp Strabismus Scissors,	Curved
441.	Lieberman Temporal speculum	
442.	Bunge Evisceration Spoon	Small
443.	Halsted Mosquito Forceps	Curved
444.	Stevens Tenotomy Scissors	Curved
445.	stevens tenotomy scissors	(steel)
446.	stevens tenotomy scissors	(steel) blunt tip
447.	Enucleation Scissors	Straight
448.	Iris Scissors, Straight	3.5" Length
449.	Lancaster Eye Speculum	
450.	Fixation Hook Double Sharp	2.0x1.5mmSmall
451.	Fixation Forceps,	1x2Teeth
452.	Fixation Forceps-	2x3Teeth,Angular
453.	Enucleation Forceps (Elschnig	1 X 2 angled teeth

	fixation forceps	
454.	Adson Fixation Forceps	
455.	Elsching Fixation Forceps	1x2Angled Teeth
456.	Berke Ptosis Forceps,	20mm
457.	Snellen Entropium Forceps,	Left, Small
458.	Snellen Entropium Forceps,	Right, Small
459.	Ayer Chalazion Forceps	
460.	Lambert Chalazion Forceps	
461.	McPherson Tying Forceps	Straight, Long Handle
462.	Westcott Stitch Scissors	
463.	Eye Scissors	Curved ,41/2" Length
464.	Kalt Needle Holder	Straight
465.	Barraquer N.Holder	Short Model Micro Jaws, W/O Lock
466.	Bard-ParkerHandle#3,	Flat
467.	Castroviejo Corneal Scissors,	Small Blades
468.	BPHandleNo.3	
469.	Metzenbaum Scissors	5 1/2"(14cm),delicate, Carb-N-Sertblades
470.	Metzenbaum scissors	6"
471.	Wire Cutting Scissors	4 3/4"(12.1cm),angular
472.	Wire Speculum	
473.	Wire Speculum (Barraquer)	Large
474.	Goldstein Lacrimal Sac Retractor	
475.	Tyrell Hook	5"(12.7cm),sharp
476.	Stainless Ruler	6"(15.2cm)
477.	Wilder Lacrimal Dilator	4 1/4"LongTaper
478.	Bowman Probe	size4/0and3/0
479.	Bowman Probe	size2/0and0
480.	Bowman Probe	size1and2
481.	Bowman Probe	size3and4
482.	Eye Dressing Forceps	4"(10.2cm),fullcvd
483.	Freer Chisel	6 1/2"(16.5cm),cvd.
484.	West Chisel.	6 1/2(16.5cm),str
485.	Freer Elevator	7"(17.8cm),doubleend
486.	Kerrison Rongeur	2 3/4"Shaft,Size1
487.	Frazier Ferguson Suction Tube	7Fr.(2.3mm)
488.	Baron Suction Tube	3Fr.(1mm)
489.	Mallet	7 1/2"(19.1cm),stainlessandnylonfaces
490.	Lempert Rongeur	6 1/4(15.9cm),cvd
491.	Cottle Septum Speculum	50mmblades
492.	Takahashi Nasal Forceps	2.5x10mmbutte,4 1/2"(11.4cm)shaft
493.	Castroviejo Forceps	titanium)0.12mmtip
494.	Bishop Harmon tissue forceps	titanium fine1.8mm tip, 1x2teeth
495.	Jaffe Tying Forceps	(titanium)-curved
496.	Jaffe Tying Forceps	(titanium)-straight
497.	Fechtner Conjunctiva Forceps(titanium)-7mm sharp tip	
498.	Vannas scissors straight	(titanium)-7mmbladessharptip

499.	Vannas Scissors Angled	(titanium)-5"finecurved,11mm Blade
500.	Barraquer Needle Holder	(titanium)- 4 1/8" straight8mmextrafinejaw
501.	Barraquer Needle Holder	(titanium)-curved,5 1/4" tapered 9mmjawwithlock
502.	Barraquer Needle Holder	(titanium)- curved,withoutlock,12mmjaw
503.	Westcott Tenotomy Scissors	(titanium)- 4 1/2" curved,19mmblades,blunttip
504.	Kelly Descmet Memb Punch	(steel)-5 1/8produces0.75mmsqueez- actionhandle
505.	McPherson/harms trabecular probe right	(steel)-0.28mm,80mmlength
506.	McPherson/harms trabecular probe left	(steel)-0.28mm,80mmlength
507.	Cast Viejo Anterior Synechia Spatula	(steel)
508.	William/Barraquer Speculum	(titanium)-standardwire10mmblades
509.	Air Injection Canula	(steel)27 G
510.	goniotomy knife(titanium)	straight2mmblade,115mmlength
511.	Iris Spatula	(steel)straight,1.7mmblade,117mmle ngth
512.	Sterilization drum	<p>Sterilisation drum</p> <p>* Material: High-grade stainless steel (SS), often 304, known for durability and rust resistance.</p> <p>* Construction: Seamless, jointless body providing enhanced hygiene and durability.</p> <p>* Design: Cylindrical with a sliding band to open/close air vents for sterilization.</p> <p>* Components: Tight-fitting lid with a handle and drop-down hasps for secure locking.</p> <p>* Sizes (Diameter x Height): Small- 9x9 Medium- 11x9 Large- 15x12</p> <p>* Application: Ideal for autoclaving and storing surgical dressing materials.</p> <p>* CDSCO Approved</p>
513.	Prince/worth muscle forcep sright	(steel)
514.	Prince/worth muscle forceps left	(steel)
515.	Bishop Harmon Forceps	(steel)
516.	LimsForceps	(titanium)-0.12mmtip,93mmlength
517.	Serrefine Clamp Curved	(steel)
518.	Serrefine Clamp Straight	(steel)
519.	Westcott Scissors(Steel)	blunttip
520.	Strabismus Scissors	(steel)- curved,53/8",10mmtaperedjawwitho

		utlock
521.	Weiss Speculum	(titanium)
522.	Wright/Lancaster Speculum	(titanium)
523.	Desmarres Lid Retractor	titanium)-all4 sizes-0,1,2,3
524.	Desmarres Lid Retractor	Size0
525.	Grafe Muscle Hook	(steel)
526.	Jameson Muscle Hook	(steel)
527.	Wash Canula	(steel) 16 G
528.	Sterilization Box With Silicone Mat	(steel)8"x12"x0.75"
529.	Snellen Entropion Clamp Right	(steel)
530.	Snellen Entropion Clamp Left	(steel)
531.	Berke Ptosis Clamp	(steel)
532.	Stallard Ptosis Plate	(steel)
533.	Jager's Lid Plate	(steel)
534.	Beer Cilia Forceps	(steel)
535.	Harms Tying Forceps	straight(titanium)
536.	Harms Tying Forceps	curved(titanium)
537.	Westcott Tenotomy Scissors	(steel)sharptip
538.	Conjunctival Scissors	steel)curved
539.	Mule Evisceration Spoon	steel)
540.	Wells Enucleation Spoon	steel)
541.	Steven's Tenotomy Hook	(steel)
542.	Helvesten Tissue Retractor	(steel)
543.	Pierse Forceps Straight	(steel)
544.	Enucleation Scissors	(steel)curved
545.	Chalazion Forceps	8mm& 12mm
546.	Meyer Hoffer Chalazion Currete	steel)-size1-4
547.	Copper Ball Cautery	
548.	Paediatric Bronchoscope Tube	4X26mm
549.	Paediatric Bronchoscope Tube	4.5 X 280 mm
550.	Paediatric Bronchoscope Tube	5 X 280 mm
551.	Paediatric Bronchoscope Tube	5.5 X 280mm
552.	Paediatric Bronchoscope Tube	6 X 300 mm
553.	Bridge For Telescope	
554.	Sealing Cap Adaptor	
555.	Window Adaptor	
556.	Universal Adaptor Open Sealing Cap, Window	
557.	Sealing Part	
558.	Fibers Inside for Illumination	4 X 260 mm
559.	Fibers Inside for Illumination	4.5 X 280mm
560.	Fibers Inside for Illumination	5 X 260 mm
561.	Fibers Inside for Illumination	5.5 X 280 mm
562.	Fibers Inside for Illumination	6 X 350 mm
563.	Adult Bronchoscope Tube	6.5 X 350 mm
564.	Adult Bronchoscope Tube	7 X 400 mm
565.	Optical Forceps Crocodile Head	4.3 X 330 mm
566.	Optical Forceps Peanut Head	4.3 X 330 mm

567.	Optical Forceps Foreign Body	1.8 X 360 mm
568.	Optical Forceps Saw-Toothed Head	
569.	Optical Forceps New Saw-Toothed Head	
570.	Optical Forceps Ring Head	
571.	Optical Forceps Cup Head	
572.	Optical Forceps New Cup Head	
573.	Optical Forceps Triticeous Head	
574.	Optical Forceps New Triticeous Head	
575.	Retractor, Skin Hook	22cm 9x 8mm Single sharp tooth
576.	Retractor, Volkman	22 cm 9x 13mm sharp prong
577.	Retractor, Langenbeck	21.5/22cm 55mmx10mm 70x 14mm 80x 16mm
578.	Retractor, Kochers	22/23cm 60x25mm
579.	Retractor, Lanes	Double end retractor
580.	Morris retractor	Triple prong on one end, and right-angled retractor on the other end
581.	Bone lever, Hohmanns	L 22 cm X W 8 mm L 22 cm X W 10 mm L 24-25 cm X W 17 mm, board L 27.5 cm X W 25 mm, bent, deep retraction
582.	Knee retractor, bone lever	Curved and bent at distal bent L 17cm X W 56*10 mm , board
583.	Bone lever	Sharp spike with broad base at distal end L 25 cm X W 40-15 mm
584.	Bone Lever	(242 mm)
585.	Bone lever, Bristow	Curved L 23cm
586.	Bone reduction clamp (for medial malleolus and bone fragments)	Locking with adjustable screw L 23cm
587.	Bone reduction clamp, angled with balled tip	L 18cm L 20-22cm L 23-26cm
588.	Periarticular reduction forceps	L 22-24cm Screw lock with ball tip points
589.	Pointed reduction forceps	Screw lock 8"
590.	Lowman Clamp	17-20cm
591.	Patella forceps with screw lock	21.5 cm
592.	Bone holding forceps Screw lock mechanism, threaded jaws,	16 cm 18 cm

	straight	22 cm
		24 cm
593.	Bone hook for proximal femur with T handle	L 20-28cm X W 25-35mm curve
594.	Bone file Flat	L 22 cm X W 15 mm
		W 20 mm
595.	Bone punch	L17 mm X W 4mm
		L17 mm X W 6 mm
		L17 mm X W 10 mm
596.	Farabeuf Raspatory	L 15cm X 13 mm
597.	Periosteum elevators	L 18-20 cm X W 6mm
		L 18-20 cm X W 8mm
		L 18-20 cm X W 14mm
598.	Amputation saw	
599.	Mallet	L 23 cm X W 35mm
		L 25-20 cm X W 28mm
		W 28mm
600.	Hammer	L 23 cm X W 35mm
		L 25cm X W 28mm
		W 28mm
601.	Stille Osteotome(Straight)	L 20 cm X W 5mm
		L 20 cm X W 10 mm
		L 20 cm X W 15 mm
		L 20 cm X W 20 mm
		L 20 cm X W 25 mm
602.	Stille Osteotome(Straight)	L 20 cm X W 5mm
		L 20 cm X W 10 mm
		L 20 cm X W 15 mm
		L 20 cm X W 20 mm
		L 20 cm X W 25 mm
603.	Stille chisel	L 20-24 cm X W 10mm
		L 20-24 cm X W 15mm
		L 20-24 cm X W 20mm
		L 20-24 cm X W 25mm
604.	Stille gouge	L 20 cm X W 5mm
		L 20cm X W 10mm
		L 20cm X W 15mm
605.	Capner gouge	L 20 cm X W 5mm
		L 20cm X W 10mm
		L 20cm X W 15mm
606.	Volkman's Bone curette	L 22 cm
607.	Laryngoscope (Fiber optic)	
608.	Laryngoscope-Infant	
609.	Laryngoscope-Children	
610.	Sucction Machine	suction Machine High vacuum Trolley Model with high power OIL FREE Piston Pump. Minimum Air placement 50 Litre/Per Minute. 2x2000ml Poly carbonate Suction Jars , 100mm Dia Vacuum Gauge, Silicon Tubing.
611.	Set for LSCS	
612.	D&C set	
613.	Abdominal hysterectomy Set	

614.	Bio feed-back instrument (sets)	
615.	Height scale	
616.	General instrumentation set for fracture reduction(sets)	
617.	Set for Hip replacement	
618.	Set for Knee eplacement	
619.	Interlock nailing set (Femur)	
620.	Interlock nailing set (tibia)	
621.	Interlock nailing set (it femur)	
622.	Small fragments and large fragment	
623.	External Fixator	
624.	Multimedia Projector	
625.	Multifunctional monitor	
626.	Spine discectomy Set	
627.	General Operative set	
628.	Bipod Stand	
629.	Boyle-Davis mouth gag with difference size blades	
630.	Tonsil dissector and pillar retractor	
631.	Waugh's tenaculum forceps: plain and tooth	
632.	Tonsil snare	
633.	Burkit artery forceps	
634.	Wilson's double curved artery forceps	
635.	Negus artery forceps	
636.	Tonsil scissors	
637.	Adenoid curette with and without cage	
638.	St.Vlair Thompson Nasal Speculum	
639.	Killian Long bladed Nasal speculum	
640.	Nasal dressing forceps	
641.	Killian's nasal speculum	
642.	Howarth elevator	
643.	Cottle elevator	
644.	Sickle knife	
645.	Luc tissue cutting forceps	
646.	Takahashi forceps	
647.	Fish tail (bayonet shape) gouge	
648.	Nasal mallet	
649.	Rigid nasal endoscope 0 degree 4 mm	
650.	Rigid nasal endoscope 0-degree 2.7 mm size	
651.	Rigid nasal endoscope 30-degree 4 mm	
652.	Rigid nasal endoscope 30-degree 2.7 mm size	
653.	Air bed	
654.	Wheel Chair	Wheel chair Seat Height 17 Inches Brake Style Single brake

		Power Source Manual Wheel Type Mag Wheel Colour Black Product Style Foldable Material Metal, Steel Frame Material Alloy Steel CDSO APPROVED
655.	Weighing Scale	
656.	Centrifuge machine (32: tube of 5ml. Capacity)	5000 rpm
657.	Chloroscope	
658.	Baby weighing machine	
659.	Weighing machine adult	
660.	Ice Lined Refrigerator (I.L.R.) (at Health Centre)	
661.	Refrigerator 9 cu.ft. (Laboratory Refrigerator)	
662.	Anaerobic apparatus	
663.	Balance Electronic Digital	
664.	Hot. Mr Oven	
665.	CO ₂ Incubator/Candle Jar	
666.	pH determination apparatus	
667.	VDRL shaker	
668.	Autoclave	Autoclave 12x12 nut type electric WITH vacuum with compatible S.S Drum 11x9 Size- 12x12 Made up of aluminium Ring made of aluminium Lid made of Aluminium With vacuum 6 knobs made of Plastic material (unbreakable) Single chamber Wire- 16 amp PVC (1.5 mtr) Element- 2 kw kettle CDSO approved
669.	Biosafety Cabinet Type - 2A	
670.	Intubator	
671.	BOD Intubator	
672.	Deep Freeze -20° C & Deep Freezer	
673.	Lab Refrigerator (minimum 400 litres)	
674.	Laminar air flow	2. The Horizontal Laminar Air Flow Cabinet must be floor self standing Console Type, with Integral Built-in and not separate Stand. The In-Built stand provides Low Center of Gravity & virtually nil vibration and there should be no need to lift and keep on separate stand. 3. The Horizontal Laminar Air Flow Cabinet must have only single motor for low power consumption, low noise and low

		<p>maintenance cost.</p> <ol style="list-style-type: none"> 4. The Motor should be mounted below the work table to provide low overall height of the cabinet for low ceiling labs.,easy servicing, and provides for low center of gravity design for virtually free operation as required for many procedures. 5. The Horizontal Laminar Air Flow Cabinet must incorporate Forward Curved SISW Blowers for High Air Volume at low noise. 6. The Horizontal Laminar Air Flow Cabinet must have a Stand-By Idling Feature, which during idle periods, prevents contamination from entering the work area, avoids re-cleaning again, and appreciably Increase HEPA Filter Life. 7. Should have Mini-Pleat type Hepa Filters of H 14 Grade, at Supply & Exhaust and filter construction must be in Anodized Aluminum Extruded frame. 8. Filters must be 99.97% efficient down to 0.3 microns and are protected by expanded metal sheet or plastic sheet. 9. Mini-Pleat Hepa Filters should be individually DOP Tested & Face Scanned and Test Certificate with S. No should be provided with each filter fitted. 10. It necessarily must have Stand-By Feature for Break Periods, to Extend Filter Life, and maintain sterility in the Chamber. 11. The Horizontal Laminar Air Flow Cabinet must have Folding sash/door (with clamps) of U.V. Resistant Acrylic for effortless operation. 12. UV, LED Lights as well as the Folding Door are Inter-locked with each other for Total Operator Safety. 13. U.V. Light should switch ON only when door is closed, and automatically switches OFF LED lights to Prevent inadvertent working & Skin Damage. 14. Outer Body should be CRCA Powder Coated after 7-Stage Phosphating Process for very high scratch resistance
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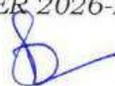


		<p>& long life.</p> <p>15. Work Table should be of SS 304.</p> <p>16. It must have Levelling Screws</p> <p>17. Low operating Noise of <60dba at operator level.</p> <p>18. The Light Level on work Table Must be 800 LUX avg.</p> <p>19. UV Light Intensity on Work Table Exceeds 40 microwatt/sq.cm.</p> <p>20. Power Requirement: 230V, 1 Phase, 50 Hz AC Supply</p> <p>21. Virtually NIL Vibration <2.5 microns rms due to Air Handling System mounted at Low Center of Gravity.</p> <p>22. The Horizontal Laminar Air Flow Cabinet must have Diaphragm Type Filter Pressure Gauge for monitoring Filter Back-Pressure.</p> <p>23. Electric Outlet in Chamber for connecting any Auxiliary Instruments. (Optional)</p> <p>24. There should be Option of service valves for gas, air, water.</p> <p>25. Working surface size (W x D x H) ft. = 4 x 2 x 2 ft.</p> <p>26. Following Documents & Certifications is required mandatorily with the Bid:</p> <ul style="list-style-type: none"> ○ CE (European) ○ ISO 9001:2015 ○ ISO 13485:2016 for Medical Devices ○ ISO 14644-1:2015 Air Cleanliness Class ○ WHO-GMP ○ US FDA ○ ISO 14001:2015 Environment Safety <p>The above Certifications must be from reputed Certification bodies and visible on their web sites.</p> <p>27. The Horizontal Laminar Air Flow Cabinet should meet Safety of Electrical Medical Equipment Standards: IEC 60601-1, IEC</p>
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		<p>61010-1, IS 13450-1</p> <p>28. The following Documents should also be provided:</p> <ul style="list-style-type: none"> • NSIC Regn. Certificate • Working Manual • IQ/PQ/OQ/ Certificates (to be provided with supply) <p>29. The Horizontal Laminar Air Flow Cabinet must be manufactured in a WHO-GMP Certified Facility.</p> <p>30. To be provided with Factory Validation Certificate.</p>
675.	Vortex Mixer	
676.	Water bath with variable temperature	
677.	Single Pan Digital Balance, Chemical	
678.	Stand-alone cold plate	
679.	Digital SLR at least 20 megapixel with micro, macro, wide angle zoom lenses, Flash and other accessories	
680.	Three Part Fully Automated Cell Counter	
681.	Pipettes of various sizes with disposal tips. (For Students) 0.1 to 10ul.- 20 10 to 100ul.- 20 100 to 1000ul.- 20	
682.	Haemo-cytometers with red and white pipettes	
683.	Hot air oven	<ol style="list-style-type: none"> 1. Should be Microprocessor based digitally controlled. 2. Construction should be (double-walled) of: Inner Chamber: Stainless Steel 304 Exterior: MS powder coated 3. Should have 2-3 stainless steel shelves (removable). 4. Size of inner chamber approx. 605 x 605 x 605mm with internal lighting facility. 5. Volume approx. 220 Ltrs. 6. Insulated door fitted with heavy hinges, mechanical door lock. 7. System should have air circulating fan (noise less). 8. Temperature range: 50°C to 250°C, digital temperature setting accuracy. 9. Temperature Accuracy: $\pm 2.0^{\circ}\text{C}$ 10. Temperature Uniformity: $\pm 1.0^{\circ}\text{C}$ 11. Separate PT 100 sensor and display for temperature (LCD). 12. Forced uniform air circulation, Digital safety thermostat.

		<p>13. Delayed start and stop function, ISI heating element with TC.</p> <p>14. Supplied with cord & plug, operate at 220V/50Hz, AC supply.</p> <p>15. Should be ISI Mark & European CE certified.</p> <p>16. Brochure should be provided showing ISI Mark. The Brochure should be visible on company web site.</p> <p>17. Should be manufactured in WHO-GMP certified factory.</p> <p>18. Should be ISO 9001 & ISO 13485 certified.</p> <p>19. Safety of Electrical Medical Equipment as per the Standards below: IEC 61010-1:2010/AMD1: 2016: Safety requirements for electrical equipment for measurement, control, and laboratory. IEC 60601-1-11:2015: General requirements for basic safety and essential performance IEC 61326-1:2020: Electrical equipment for measurement, control and laboratory use.</p> <p>20. List of users and Satisfactory Report of quoted model from reputed Institutes/Hospitals.</p> <p>21. All electrical peripherals required for smooth functioning e.g. voltage stabilizer should be provided with the equipment.</p> <p>22. There should be provision for demonstration before final approval of equipment.</p> <p>23. Warranty: 01 year</p>
684.	Hot plate	
685.	Instrument Sterilizer	<p>Sterilizer Big</p> <p>Material: 304 Grade Stainless Steel (SS) or Jointless Aluminum for rust resistance and easy cleaning.</p> <p>Construction: Seamless/Jointless, often polished to a mirror finish.</p> <p>Dimensions: 500x200x150 mm</p> <p>Power: 2KW, Single Phase (220V/50Hz).</p> <p>Temperature Control: Often fitted with a capillary thermostat (0-200°C) and safety cut-off.</p> <p>Lid and Tray: Fitted with hinges (hinged lid) and a lifting tray mechanism.</p> <p>CDSO APPROVED</p>
686.	Instrument Sterilizer	<p>Sterilizer Medium</p> <p>Material: 304 Grade Stainless Steel (SS) or Jointless Aluminum for rust resistance and easy cleaning.</p> <p>Construction: Seamless/Jointless, often polished to a mirror finish.</p> <p>Dimensions: 300x150x100 mm</p> <p>Power: 1KW, Single Phase (220V/50Hz).</p> <p>Temperature Control: Often fitted with a capillary thermostat (0-200°C) and safety cut-off.</p>

		Lid and Tray: Fitted with hinges (hinged lid) and a lifting tray mechanism. CDSCO APPROVED
687.	Urine Analyser (Automated)- (Semi Automated Recommended)	
688.	Urinometers (Mercury based instruments to be replaced with other alternatives)	
689.	Grossing Station - Stainless steel, with Control panel, air filtration system, Track mounted adjustable computer arm with articulation, LED lights that are color and intensity, Dedicated USB ports for camera control and data transfer adjustable, Integrated pathology camera system, Instrument Set (High quality) Height Adjustable Stainless-Steel Chairs With Split AC of appropriate capacity.	<ol style="list-style-type: none"> 1. The Grossing Table should be Down Draft type. 2. 'Zero' Turbulent Reverse Air Flow: Exhaust System should have Zero' Turbulent Reverse Air Flow so as not to allow any Formalin Fumes to escape into the Lab. 3. Operating Parameters: <ul style="list-style-type: none"> ○ Air Suction Velocity on Perforated Table min. 0.4 m/sec avg. ○ Noise Level at Operator Level <60 dbA ○ Light Level on Work Table >800 Lux, approx. ○ Vibration on Work Table 2.5 microns RMS 4. Integral Ventilation: Should have Built-in Ventilation System & Motor. Remote Blowers will not be accepted due to installation & maintenance problems. 5. Ventilation System: <ul style="list-style-type: none"> ○ High Suction Twin SISW Blowers of Capacity 1000 Cu.m./hr. Wisper-Quite. ○ Activated Carbon Filters at Exhaust must be provided to protect the environment. ○ Efficiently designed Ventilation System should perform with Motor Capacity Not exceeding ¼ HP, resulting in extremely low noise, vibration and very high Power operational cost saving during the life of the Grossing Table. ○ Exhaust should be through 8" PVC or flexible Duct. 6. Work Table should be raised border and aerodynamically shaped. 7. Under Table Rinse System in the Tub: must be provided.



		<p>8. Dimensions:</p> <ul style="list-style-type: none"> ○ The Grossing Table Work Area dimensions should be 1485mm (W) x 760mm (D) x 990mm (H) ±10mm ○ The Grossing Table External dimensions should be 1525mm (W) x 1065mm (D) x 1905mm (H) ±10mm ○ Work Table Height should be 780mm ±10mm. <p>9. Construction:</p> <ul style="list-style-type: none"> ○ Full Body & Work Table should be made of SS-304 N4 Hairline Finish. Material Test Certificate (TC) to be provided. ○ Grossing Table should be fabricated on CNC machines for fabrication accuracy, reliability & finish. ○ All welding should be TIG/MIG. <p>10. Simplified Man-Machine Interface: Should be provided with Self Illuminated Function Controls for extreme Operator Ease and Flaw-less operation.</p> <p>Controls for</p> <ul style="list-style-type: none"> (i) Ventilation On-OFF (ii) Ventilation Stand-by (iii) LED Lighting (iv) Storage Chamber Lighting (v) Provision for UV light interlocked with LED lighting <p>11. A Stand-by Ventilation feature must be provided, to be switched ON during work breaks maintaining the Laboratory Formalin Fumes free and extending Carbon Filter life.</p> <p>In this 'Stand By' mode, LED Lighting is automatically switched OFF to prevent inadvertent working by the operator.</p> <p>12. All Work Area Illumination with LED Lights:</p> <ul style="list-style-type: none"> ○ LED overhead Lights with Diffuser ○ Under Shelf LED Illumination ○ Storage Chamber LED Illumination
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		<ul style="list-style-type: none"> ○ Magnifier with Circular LED Light <p>13. Fresh & Waste Water System:</p> <ul style="list-style-type: none"> ○ Hot Cold Water Mixing Faucet (Hot Water by user, connected to the Hot Water Inlet provided in the Grossing Table.) ○ Work surface must have a seamless S.S.304 Sink measuring 414(L) x 362(W) x 170(D) mm ○ Vacuum Breaker <p>14. Utility Connections requirements:</p> <ul style="list-style-type: none"> ○ Ventilation Duct Connection 10" ○ Aux. Power Point ○ ¾ Inch hot and cold water supply lines with drain line ○ ½ Inch industrial flexible hoses with ¾ inch female hose fittings for connection to water supply ○ 1.5 inches' flexible hose for drain line ○ 230V, 50Hz, 15A, 3 Pin UK/Indian Plug <p>15. Following Certifications are required to be attached mandatorily with the Bid:</p> <ul style="list-style-type: none"> ○ CE (European) ○ ISO 9001:2015 ○ ISO 13485:2016 for Medical Devices ○ WHO-GMP ○ US FDA ○ ISO 14001:2015 Environment Safety <p>16. Electrical Safety Certificates (to be attached with Bid):</p> <ul style="list-style-type: none"> ○ IEC 60601-1/601-1/IS 13450-1 and General Safety requirements as per IEC 60601-1 ○ ELCB (Earth Leakage Circuit Breaker) Built-in for Total operator safety in case of fault in user provided power socket/line (optional) <p>17. NSIC Certificate should be provided with Bid.</p>
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		<p>18. The following Documents should be provided with supply.</p> <ul style="list-style-type: none"> • Instruction Manual • Calibration Certificate • IQ/PQ/OQ/ Certificates <p>19. Bidder should specify location of service facilities available in India.</p>
690.	Analytical Balance: upto 200g/1g in increment	
691.	Digital Analytical Balance	
692.	Balance Micro	
693.	Digital Colorimeters	
694.	Complete Chromatographic Unit for paper & Thin Layer Chromatography (TLC)	
695.	Complete Electrophoresis apparatus with power supply (Paper, PAGE, agarose)	
696.	Densitometer with computer	
697.	Fixed volume micro auto pipettes (30uL, 100uL, 200uL, 500uL, 1000uL)	
698.	Fixed volume pipettes- (1ml, 0.5ml, 0.2ml, 0.1ml and 0.02ml)	
699.	Spectrophotometer	
700.	Unno meters calibrated (Mercury based instruments to be replaced with other alternatives)	
701.	Constant temperature water bath Tank Capacity: (Temperature range 5 to 80 degree Celsius)	
702.	Intubator 37 deg. C	
703.	Laboratory Refrigerator	
704.	Voñeslviñner	
705.	Boiling Water baths	
706.	Gas analyser automatic for CO ₂ , O ₂ , N ₂	<p>Gas analyzer automatic for CO₂, O₂, N₂</p> <ul style="list-style-type: none"> • System should be able to record VO₂, VCO₂, Spirometry Flow /Volume, ECG & Wireless Heart Rate simultaneously. • The system should measure Respiratory Expenditure Ratio RER, Resting Energy Expenditure, VE etc. • Should automatically generates a number of Metabolic graphs like VE vs Time, VE vs VCO₂, VCO₂ vs VO₂, RER vs Time, VCO₂ vs Time, VO₂ vs Time etc. • System should be able to record lung function test (Tidal Volume, Minute Ventilation, Respiratory rate, PIF, PEF, FVC, FEV1 etc.). • Software should have complete heart rate variability analysis for Time domain (Mean, SDRR, SDARR, CVRR, SDSA, RMSSD & pRR50)

		<p>& Frequency domain (VLF, LF, HF, Total Power, LF/HF Ratio and non-linear measures of SD1 & SD2), Poincare plot and Power Spectrum plot etc.</p> <ul style="list-style-type: none"> • Software should have ECG analysis module to tabulate PQRST amplitudes & intervals, QTc interval and super imposed wave form in 3D. • Should have high sensitive oxygen and carbon dioxide sensor with adequate variable flow range for best performance and results. <p>CO2 Sensor O2 Sensor Range: 0-10% CO2 Range: 0-100% O2 Resolution: 0.1% CO2 Resolution: 0.01% O2</p> <ul style="list-style-type: none"> • The system should simultaneously record and analyse all the above parameters in a single screen for interpretation and computation of results. • Software should offer OLE linking to MS Excel for automatic data update. • Should have a noise free wireless ECG, R-R interval, Heart Rate, skin temp, Respiration rate, Oxygen saturation and activity recording integrated with metabolic parameters. • Operating range for wireless sensors should be at least 50 meters or more, both online data recording and data logger mode up to 8-12 hours. • Software must generate customizable metabolic report with subject details, environment settings along with tabulated parameters and various metabolic graphs. The system should be provided with physical mixing chamber suitable for extremely high and low ventilation ranges. • System should have video recording alongside the physiological data and replay. • Accessories:- Face mask, head gear, tubing and flow sensors, mixing chamber and disposable ECG electrodes to be provided. • It should be supplied with a suitable Treadmill with adjustable speed and inclination facility. • The system should be supplied with latest computer with Windows 10 OS, i5 Processor, 8 GB RAM, 21" monitor, Laser printer (B/W) and 1 KVA UPS with required accessories. • Manufacturer should have ISO certification for quality standards • Should be US FDA/ European CE / IEC / BIS or other safety standards approved product. • Demonstration of the equipment and necessary training to be provided by the experts.
<p>707.</p>	<p>Gas analysis apparatus, Halden's student type</p>	<p>Gas analysis apparatus, Halden's student type</p> <ul style="list-style-type: none"> • The system should be computerized and suitable for teaching the cardio-respiratory concepts like Spirometer and Gas analysis functions to the students. • The system should record PulseVO₂, VCO₂, Respiratory Flow /Volume, ECG and Wireless Heart Rate simultaneously. • Software should calculate the key parameters like Expired minute volume (VE), Respiratory Exchange Ratio (RER), Resting Energy Expenditure (REE) etc. • The gas analyser should have an O₂ and CO₂

		<p>sensor with suitable range and resolution for exercise applications.</p> <ul style="list-style-type: none"> • System must have facility for recording ECG leads (I, II, III, aVL, aVF and aVR) for real time cardiac axis & vector analysis etc. • Software should perform On-line & Off-line analysis of ECG and HRV as follows. HRV analysis – Time & Frequency domains, Tachogram, Histogram plot, Poincare plot, Power Spectrum plot etc. ECG analysis – Averaging, PQRS amplitudes and intervals, QT vs RR, QT vs Time, RR vs Time, Waterfall plot, ST elevation and cardiac axis analysis • System should be supplied with Data recording unit suitable to record all the above parameters simultaneously. • Data recording unit should have a Sampling rate of minimum 100 KHz and ADC resolution of 16 bits. • System should be supplied with compatible bicycle ergometer or Treadmill. • All necessary accessories like tubing, face mask, drying tube, desiccant cartridge, gas mixing chamber and disposable ECG electrodes (100 nos) should be supplied. • System should be supplied with latest computer with Intel i5 Processor, Original Windows 10 OS, 8 GB RAM, 21" LED monitor, 1 TB HDD, facility for Internet connectivity, Laser Printer and other required accessories along with 1 KVA UPS. • Documentations like CE/FDA, ISO and others safety certificates must be provided. • The manufacturer or OEM Company should have local offices in India for on time support and service. • Demonstration of the equipment and necessary training to be provided by the experts onsite.
708.	Digital Analytical Balance	
709.	Basal metabolism apparatus	
710.	Colorimeter, photoelectric	
711.	Digital Physiograph	<p>Digital Physiograph</p> <ul style="list-style-type: none"> • The System should include hardware and transducers for recording Pulse, Respiration, Blood pressure, Heart sounds, Grip force, ECG, EMG, EEG, Reflex & Reaction time, Forearm Plethysmograph, wireless HR etc. • ECG Multi leads configurations for real time cardiac axis & vector analysis (to derive Lead III, aVL, aVF, aVR). • System should be suitable to perform Nerve Conduction Velocity, Pulse Transit Time and Visual Evoked Potential (VEP). • System should have spirometer to record lung function test (Tidal Volume, Minute Ventilation, Respiratory rate, PIF, PEF, FVC, FEV1 etc.). • Should have transducers to perform AFT procedures like deep breathing test, Valsalva manoeuvre, HRV and Hand Grip test. • Data recording should have minimum 4 channels with high speed USB integration and analog output for stimulation or pulse generation. • Should have wide range of low Pass, high-pass, notch, mains filter and software based digital

		<p>filters (low pass, high pass, band pass etc.)</p> <ul style="list-style-type: none"> • Universal Bio-Amplifier – at least 2 Channels in built with range of $\pm 100\mu\text{V}$ to $\pm 20\text{mV}$. <p>Human safe Isolated Stimulator - should be able to deliver user defined waveforms with pulse duration of 1-1000 mS and output current 0 - 80 mA.</p> <ul style="list-style-type: none"> • All-in-one software to record and analyse the above mentioned parameters both online and offline. • Software should perform On-line & Off-line analysis of ECG and HRV as follows. HRV analysis – Time & Frequency domains, Tachogram, Histogramplot, Poincare plot, Power Spectrum plot etc. ECG analysis – Averaging, PQRS amplitudes and intervals, QT vs RR, QT vs Time, RR vs Time, Waterfall plot, ST elevation and cardiac axis analysis • Software should allow the export of raw data in .txt, .mat, .wav, .abf, .pxp, binary and .edf, formats. • Software should have option for video recording synchronized with the data. • Software should allow OLE linking of data to MS Excel • Power input to be 220-240VAC, 50Hz. • The system should be supplied with latest computer with Windows 10 OS, i5 Processor, 8 GB RAM, 21" monitor and 1 KVA UPS with required accessories • Documentations like CE/FDA, ISO and other safety certificates must be provided • Company should have local offices in India for on time support and service • Demonstration and training at site.
712.	Multi-channel Physiograph, 3 channels, complete with accessories	<p>Multi-channel Physiograph, 3 channels, complete with 6 accessories</p> <ul style="list-style-type: none"> • Should be able to record three channels with time and event channels. • Transducers should have 16-bit resolution. • Sampling rate should be 250, 500, 1000 samples / second. • Should have plug & play Smart transducers for human applications including Pulse, Biopotential (ECG / EMG / EEG / EOG), Respiratory Belt, Cardio Microphone, Tendon hammer, Sphygmomanometer, Hand grip and Skin temperature. • Software should measure time interval between user selected points, display of data value at user selected point and tabulate for analysis. • The system should have contents with step by step instructions, protocol and experimental design for performing various experiments in physiology applications. • Should have sample data for human and animal experiments for demonstrating to the students. • Software should support competency-based learning and offer students to work in small groups and submit / save their work as PDF or printed report format. • The software should allow educators to customise / modify the experiments as required. • It should have the option of taking assessments



		<p>including multiple choice questions, theoretical questions, drag and drops, Picture annotation of the students and automated grading facility should be available.</p> <ul style="list-style-type: none"> • Software updates and upgrades should be provided for 5 years. • Compatible laptop should be supplied. • Certification & Documentation: ISO / CE / IEC / BIS should be provided
713.	Student physiograph, (single channel) with accessories	<p>Student physiograph, (single channel) with accessories</p> <ul style="list-style-type: none"> • Should be able to record single channel with time and event channels. • Transducers should have 16-bit resolution. • Sampling rate should be 250, 500, 1000 samples / second. • Should have plug & play Smart transducers for human applications including Pulse, Biopotential (ECG / EMG / EEG / EOG) and Respiratory Belt. • Software should measure time interval between user selected points, display of data value at user selected point and tabulate for analysis. • The system should have contents with step by step instructions, protocol and experimental design for performing various experiments in physiology applications. • Should have sample data for human and animal experiments for demonstrating to the students. • Software should support competency-based learning and offer students to work in small groups and submit / save their work as PDF or printed report format. • The software should allow educators to customise / modify the experiments as required. • It should have the option of taking assessments including multiple choice questions, theoretical questions, drag and drops, Picture annotation of the students and automated grading facility should be available. • Software updates and upgrades should be provided for 5 years. • Compatible laptop should be supplied. <p>Certification & Documentation: ISO / CE / IEC / BIS should be Provided</p>
714.	Phakoscope	<p>Consist of triangular box the base of which is about 35cm long and other two sides of 18cm each Height of the box is about 10cm</p> <ul style="list-style-type: none"> • Painted black inside Mounted on stand • Three angles of box are truncated and provided with holes of adequate size. • The truncation leave a distance of about 10cm between the apex and the centre of the base. <p>At one of truncated angle two prism are placed.</p>
715.	Polygraphs	<p>Data Acquisition system for Human Physiology Experiments</p> <p>The system should be able to record and analyze:</p> <ul style="list-style-type: none"> • Pulse transducer, blood pressure, ECG, EMG, EEG, Hand grip, Heart & Lung sounds, Pulse Transit time, Heart Rate Variability



		<p>[HRV], Nerve Conduction Velocity, Sympathetic Skin response And Valsalva Manoeuvre.</p> <ul style="list-style-type: none"> • Respiratory belt should be DC based suitable for Stethography / breath holding experiments. • ECG Multi leads configurations for real time cardiac axis & vector analysis (to derive Lead III, aVI, aVf,aVr). • Event marker for reaction time, tendon hammer for reflex experiment and wireless force / balance plate for sway and posture analysis during HRV / EMG analysis. • Wireless HR sensor for Wireless HRV studies during yoga / sleep / exercise. • Wireless sensors for ECG, Respiration, Heart Rate Variability, Skin temp, PPG, Oxygen saturation, GSR, activity and body posture recording during yoga / sleep studies. Operating range for wireless sensors should be at least 100 meters or more, both online and offline data recording up to 8-12 hours. <p>Hardware & Software Specifications:</p> <ul style="list-style-type: none"> • Wired 4 channel Data Acquisition should have 16bits resolution and 100 KHz sampling rate perchannel. • Should have in built 2 channel universal bio amplifier for recording ECG, EEG, EMG, EOG, Evoked potentials etc. • Should have software controlled in built fully Isolated Human safe Constant current Stimulator with 0-20 mA current range. • The software should have step by step instructions, protocol and experimental design for performing various experiments in physiology applications. Also, should have sample data for animal experiments for demonstrating to the students. • All-in-one software to record and analyse the above mentioned parameters both online and offline. • Facility for automatic online and offline analysis for ECG, Heart Rate Variability, Blood Pressure, Peak analysis, Spectrum analysis,etc. • Software should have complete heart rate variability analysis for Time domain (Mean, SDRR, SDARR, CVRR, SDSD, RMSSD & pRR50 & Frequency domain (VLF, LF, HF, Total Power, LF/HF Ratio and non-linear measures of SD1 & SD2), Poincare plot and Power Spectrum plot etc. • Software should have ECG analysis module to tabulate PQRST amplitudes & intervals, QTc interval and super imposed
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		<p>waveform in 3D</p> <ul style="list-style-type: none"> • Software should have option for video recording synchronized With the data. • Should have option for Mathematical function and Statistical analysis and export options to other software like MATLAB, Excel, QuickTime, Wav, Text etc. for desired interpretation of the data. • Software should offer OLE linking to MS Excel for automatic data update. • The system should be supplied with latest computer with Windows10 OS, i5 Processer, 8 GB RAM, 21" monitor and 1 KVA UPS with required accessories • Documentations like CE/FDA, ISO and other safety certificates must be provided • Company should have local offices in India for on time support And service • Non-Invasive Beat to Beat Blood pressure monitor for tilt table testing (Optional)
716.	Digital Spirometer	
717.	Spirometer, ordinary	<p>Consist of triangular box the base of which is about 35cm long and other two sides of 18cm each Height of the box is about 10cm</p> <ul style="list-style-type: none"> • Painted black inside Mounted on stand • Three angles of box are truncated and provided with holes of adequate size. • The truncation leave a distance of about 10cm between the apex and the centre of the base. <p>At one of truncated angle two prism are placed.</p>
718.	Hemocytometer	<p>Hemocytometer Haemocytometer plain (Dark-Lined) & Bright-Lined (Silver Line)</p> <p>This instrument for visual counting of the number of cells in Blood sample or other fluid under a microscope. Complete set in a plastic case consisting of:</p> <ul style="list-style-type: none"> • 1 HBG Bright lined counting chamber with double counting grid • 2 haemocytometer cover glasses with thickness 0.4 mm • each 1 blood diluting pipette red and white • two colour-marked silicone tubings of approx. 16 cm length <p>Type: Improved Neubauer</p> <ul style="list-style-type: none"> • Standard • Scale marked line (mm): 3 x 3 • Hemocytometer • Scale mark thickness: 3 - 4µm • Scale mark depth: 0.100mm±2µm • Plate thickness: Approx 4.3mm • Material: White glass



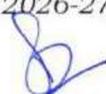
		<ul style="list-style-type: none"> • Refractive index: Nd=1.523 • Variance value: Le=58.6 • Alkali elution amount: 0.1mg (Na2O) • Accessories: Cover glass x 2 sheets (26 x 20 x 0.4mm) RoHS3 (EU)2015/863 Certificates can be issued
719.	Ishihara Chart	
720.	Westergren's pipette for E.S.R. on stand (with space pipette)	
721.	Wintrobe's pipette for ESR and PCV with stand	
722.	Stage intubator	
723.	Laboratory Refrigerator (2 to 8 degree)	
724.	Ophthalmoscope	
725.	Drill machine	
726.	Chemical Balance	
727.	Digital pH Meter	
728.	Digital Spectrophotometer	
729.	Weighing Machine ForFetus	
730.	ECG Electrode	CHEST, Hand, Leg
731.	Mani - K file	size 15-40 assorted (25mm)
732.	Mani - K file	size 45-80 assorted (25mm)
733.	Mani - Spreader	15-40 assorted (25mm)
734.	Neoendo flex rotary files	assorted 21mm
735.	Neoendo flex rotary files	assorted 25mm
736.	Mani - K file	size 15 (25mm)
737.	Mani - K file	size 15 (21mm)
738.	Mani - K file	size 10 (21mm)
739.	Mani - K file	size 10 (25mm)
740.	Mani - H file	15-40 (25mm)
741.	Mani - H file	40-80 (25mm)
742.	Mani - K file	size No.6 (25mm)
743.	GDC root canal plugger double ended luks	1mm and 1.5mm
744.	Super endo endodontic bur kit	bur kit
745.	Carbide round bur SS white	(Restorative bur)
746.	Endoaccess bur gold	Material: Tungsten Carbide Cutting Edge Design: rounded cutting edge Total length: 21 mm Working length: 10 mm Sizes (Diameter): FG1: 1.1mm FG2: 1.5mm

		FG3: 1.8mm
747.	TOR VM Springclip matrix bands sectional matrix	sectional matrix, stainless steel 3 Lengths (Small, Medium & Large) Saddle metal matrices with springclip
748.	Endoking Obturation pen	obturation pen, LENGTH: 126mm, Ø:19mm Four different shapes of tips rechargeable battery
749.	Mani Stainless steel round bur	BR-45 (restorative bur)
750.	Xray Protective lead gloves	(Radiation shield gloves)
751.	Waldent Wal-Cab UV Chamber	12 Trays
752.	Airotar Waldent Air turbine high speed dental handpiece with cartridges	dental handpiece with cartridges
753.	FDA Fibre post	Post Dimensions: 1.2mm(White), 1.4mm(Yellow), 1.6mm(Red), 1.8m(Blue) Radioopaque post
754.	Mani stainless steel Peeso reamer	32mm
755.	Vita shade guide	CLASSICAL shade guide Shade Categories: A1, A2, A3, A3.5, A4, B1, B2, B3, B4, C1, C2, C3, C4, D2, D3, D4
756.	Radiofrequency Advanced cautery	clinical
757.	Waldent Wal Curettes Lucas Bone Curette	No.86
758.	GDC Hemostat Kelly curved	14cm
759.	GDC Tissue forceps Adson Toothed	1x2 (12cm)
760.	Cheek Retractor Langenbeck	40x10 (215mm)
761.	GDC Straight Spade Elevator	Standard
762.	Cryer elevator	(mesial and distal)
763.	Self-Holding screw Driver with Aluminium Handle	2mm
764.	Ordinary Screw Driver with Fiber Handle	2mm
765.	Self-Holding screw Driver with Aluminium Handle	1.5mm
766.	Ordinary Screw Driver with Fiber Handle	1.5mm
767.	Titanium 4 Hole mini bone plate - with bar	2mm
768.	Titanium 6 Hole mini bone plate - with bar	2 mm
769.	Titanium 4 Hole mini bone plate - with bar	1.5 mm
770.	Titanium Mini Bone Plates "L" Shape Plates	90* (1.5 mm) Small – Right Small – Left
771.	6 mm Titanium Screw – Single Slotted	2mm
772.	8 mm Titanium Screw – Single Slotted	2mm

773.	4 mm Titanium Screw – Single Slotted	1.5 mm
774.	6 mm Titanium Screw – Single Slotted	1.5 mm
775.	S. S Drill Bit	1.5
776.	S. S Drill Bit	1 mm
777.	Wire Cutter	Ordinary
778.	Wire Twisting Forceps	Fine
779.	Reduction Bone Holding Forceps	Pointed 6"
780.	GDC plastic filling instrument	Dual Ended: Condensor/ Carrier Stainless steel
781.	Waldent plasma plus composite instrument kit Teflon coated	Teflon coated
782.	GDC parallelogram condenser	Stainless steel Parallelogram-shaped working end
783.	Bracket (MBT) 0.22 Mini Bracket kit	Metal (Koden)
784.	Buccal Tube	
785.	Elastic Module	
786.	Bracket tweezer	
787.	Wire cutter	
788.	Bracket Remover	
789.	Applicator Tip	
790.	autoclave	Autoclave 12x22 nut type electric WITH vacuum DIGITAL with compatible S.S Drum 11x9 seamless Size- 12x22 Outer chamber Made up of S.S .6mm Inner chamber made up of S.S (Bottom of 304 grade) Ring made of aluminium Lid made of Aluminium+ S.S MIX With vacuum RELEASE 6 knobs made of BRASS Double chamber Wire- 16 amp PVC (2 meter) Element- 2 kW vertical type element PID Controller with 2 sensors (low water cut-off and temperature/timer) digital display CDSCO Approved
791.	Niti (Round)	14
792.	Niti (Round)	16
793.	SS Wire (Rectangle)	14
794.	SS Wire (Rectangle)	16
795.	SS Wire (Rectangle)	18
796.	Distal End cutter	
797.	MANI K- File 25mm	25mm (2%) (15-40)
798.	MANI K- File	25mm (2%) (45-80)
799.	WALDENT C File	25mm Assorted #6-15
800.	WALDENT C File	25mm #12
801.	Pediatric extraction forcep kit	Standard GDC kit
802.	Dental Implant Kit	
803.	Gracey Curette Kit	GDC Gracey Curette CC #7 stainless steel



804.	Periosteal Elevator	Molts elevator stainless steel
805.	Surgical Burs no	701, 702
806.	Micromotor Surgical Straight Handpiece motor	standard
807.	Kidney Trays	Size: Small - 6 inches Big - 8 inches Extra Big - 10 inches Stainless steel
808.	Cautery	Younique R.F Smart radio frequency cautery machine
809.	Biolase Epic-X DIODE Laser	
810.	Articulating film	Non-adhesive paper strip Color - Blue and Red
811.	Teeth whitening system	Vital bleaching material kit (gingival shield, bleaching material, applicator tip) Bleaching unit with stand (Light source)
812.	Rigid Anterior Commissure Laryngoscopes	<p>Key Specifications and Features:</p> <ul style="list-style-type: none"> • Type: Rigid. • Blade Type: Curved or straight, designed for anterior commissure visualization. • Light Source: Fiber optic or LED for enhanced visibility. • Construction Material: Typically made of stainless steel for durability and corrosion resistance, with chrome finishing for some models. • Design Purpose: Specifically designed for anterior commissure visualization and related surgical procedures, providing clear views of the vocal cords and anterior larynx. • Compatibility: Some models may include an endoscope/telescope guide for use with 3mm or 4mm telescopes or endoscopes. • Size: Available in adult medium sizes, among others, for versatility.
813.	Micro laryngeal Set	<ul style="list-style-type: none"> • Fiber Optic Light Laryngoscope with 10mm Endoscope Carrier (Adult Size) • Fiber Optic Laryngoscope with 5mm Endoscope Carrier (Small Size) • Laryngoscope Chest Support Holder • LED Light Source for Laryngoscopes (can be connected to other fibre optic products as well) • Micro Laryngeal Forceps (Different Types, Length: 25cm) • Micro Laryngeal Scissors



		<ul style="list-style-type: none"> I. Straight II. Angle up Horizontal III. Angle up IV. Angle down V. Curved right VI. Curved Left • 1 Piece of Micro Laryngeal Hook • 1 Piece of Micro Laryngeal Probe • 1 Piece of Micro Laryngeal Knife • Vocal Micro Laryngeal separator • Micro laryngeal grasping Jackson forceps • Micro Laryngeal Jackson foreign body forceps • Miceo Laryngeal vocal module forceps
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