

# **TENDER DOCUMENT FOR Anatomy Equipment**

## **For Government Institute of Medical Sciences Greater Noida. G.B. Nagar 201310**

DATE OF ISSUE OF TENDER FORM WITH DOCUMENT: From...**26/10/2018** to **16/11/2018**

LAST DATE & TIME FOR SUBMISSION OF TENDER DOCUMENT: **16/11/2018**

DATE & TIME FOR TENDER OPENING: **17/11/2018**

TENDER ADVERTISEMENT NO:

**GIMS/7301/Equip/2018/e-tender/05/Anatomy**

**Dated: 18/10/2018**

**GOVERNMENT INSTITUTE OF MEDICAL SCIENCES (GIMS)**  
**Phone: 0120-2341738** **E-mail:purchase@gims.ac.in**

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**Tender No. GIMS/7301/Equip/2018/e-tender/05/Anatomy**

**TENDER NOTICE**

1. Bids are invited from eligible Bidders (Manufacturers/ Authorized Dealers) interested to Supply of Anatomy to Government Institute of Medical Sciences, Greater Noida,U.P.
2. Detailed Terms and Conditions on the NIT are available in the Bid document uploaded on website of the institute <http://www.gims.ac.in> w.e.f **26/10/2018**. The offer will be accepted offline on or before **...16/11/2018**. Director reserves the right to accept or reject any offer partially or fully without assigning any reason.
3. In case, the date mentioned above is declared Government Holiday, the date shall automatically be shifted to the next working day. Offer received within the stipulated period will only be accepted.

**DIRECTOR**

**GOVERNMENT INSTITUTE OF MEDICAL SCIENCES (GIMS)**  
**Phone: 0120-2341738** **E-mail:purchase@gims.ac.in**

**REQUEST FOR PROPOSAL (RFP)**

Bids are invited in two parts (Technical Bid-A and Financial Bid-B) for purchase of Anatomy at GIMS, Greater Noida

**Tender no: GIMS/7301/Equip/2018/e-tender/05/Anatomy** at Government Institute of Medical Sciences, Greater Noida.

**Tender Portal:** <http://gims.ac.nic.in>

<b>S.No.</b>	<b>Particulars</b>	<b>Date</b>
01	Publishing Date & Time	18/10/2018
02	Bid submission start Date & time	26/10/2018
03	Bid submission last Date & time	<b>16/11/2018</b>
04	Bid Opening date & time	<b>17/11/2018</b>

**Opening of BID:** Government Institute of Medical Sciences, Greater Noida

Phone: 0120-2341738

E-mail: [purchase@gims.ac.in](mailto:purchase@gims.ac.in)

Website: <http://www.gims.ac.in>

**DIRECTOR**

**GOVERNMENT INSTITUTE OF MEDICAL SCIENCES (GIMS)**  
**Phone: 0120-2341738** **E-mail: [purchase@gims.ac.in](mailto:purchase@gims.ac.in)**  
**SALIENT POINTS OF THE NOTICE INVITING TENDER**

Bids are invited from eligible Bidders (Manufacturers/ Authorized Dealers) interested to Supply of Anatomy equipments to GIMS, Greater Noida. Bids will be accepted from reputed & genuine firms. The salient features of the tender are as under:

1. **Bids should be in Double Bid system:** (a) Technical Bid containing technical details & (b) Price bid containing offered rates. Technical Bid and Price Bid should be submitted separately and should bear the **Tender no. GIMS/7301/Equip/2018/e-tender/05/Anatomy** at Government Institute of Medical Sciences, Greater Noida

2. **Cost of the Tender Document (Non-refundable): Rs.1000/- + 18%tax i.e. 1180/(Rupees One Thousand One Hundred and Eighty only)** in the shape of Bank Draft of a Scheduled Bank drawn in favour of “**Director, Government Institute of Medical Sciences**” Greater Noida payable at Greater Noida.

3. **Earnest Money Deposit (Refundable): Rs...3,000/-** in the form of bank guarantee of any Scheduled/Nationalized Bank shall be pledged in favour of “Director, Government Institute of Medical Sciences” Greater Noida payable at Greater Noida.

4. **Submission of all Essential Documents:** All the documents mentioned in the Checklist (Annexure-I) including **Tender Fee/EMD** to be submitted offline to Administrative Officer at GIMS Greater Noida on or before **16/11/2018** in a sealed cover subscribed as GIMS Tender for Supply Of Anatomy equipment at GIMS Greater Noida.

**N.B.:** Offline documents must reach to the office of Administrative Officer, GIMS Greater Noida – 201310 on or before **16/11/2018**, after the stipulated time, tender are not be received.

5. **Last date & time of submission of BID:** On or before **16/11/2018**. Tender Forms not accompanied by **TENDER FEE, EMD** and **Bid** shall summarily be rejected and technical evaluation of the Tender will not be done.

6. **Date & time of opening of Bid:** The BID would be opened on **17/11/2018** at GIMS, Greater Noida in the presence of the Tenderers or their authorized representatives who want to be present there, and in the event of the said date being declared a holiday, it shall be opened at the same place and time on the next working day.

**DIRECTOR**

**IMPORTANT**

The tenderers are advised to go through the following five sections carefully before filling up the Financial Bid.

<b>S.No</b>	<b>Section</b>	<b>Pages</b>	
		<b>From</b>	<b>To</b>
01	Instructions to Tenderer	06	10
02	General Terms and Conditions for the Successful Tenderer and Performance Indicator	11	15
03	Technical Bid( <b>Part – A</b> )	16	21
04	Financial Bid ( <b>Part – B</b> )	22	26

**DIRECTOR**

## **SECTION - I (INSTRUCTION TO TENDERER)**

1. Technical Bid and Financial Bid of tender document must be sealed in two separate envelopes i.e. Technical Bid should be sealed in envelope “A” and Financial Bid should be sealed in envelope “B” separately. Both envelopes “A” & “B” should be placed together in a bigger envelope’s” and seal this “C” envelope. Please write “ **BID FOR SUPPLY of Anatomy equipments**” for **Government Institute of Medical Sciences Greater Noida. G.B. Nagar 201310.** on top of envelope “C”. Sealed Tender shall be addressed to the Director, Government Institute of Medical Sciences, Greater Noida, RSD Cell, GIMS, Greater Noida- 201310. Tender should be deposited on or before **16/11/2018**. All the tenderers or their authorized representatives are advised to attend the opening of tender **on 17/11/2018** in the Administrative Block, GIMS, Greater Noida. In case of holiday, the tender will be opened on the next working day at the same time and place.

### **Technical Qualification**

- a. **Experience -The bidder should either be an Importer or Authorized Distributor or Original Manufacturer and must have successfully supplied the items similar to the type specified in this bid document up to at least 100% of the quantity required in any one or all of the last 3 Financial Years to Government/ Private Medical Colleges or Central Government Autonomous Institutions. (Copies of Purchase Orders for the similar items supplied during last 3 Financial Years to Government/ Private Medical Colleges or Central Government Autonomous Institutions to be furnished.)**
- b. The manufacturer should be in continuous business of manufacturing the items similar to that specified in this bid document during the last three years prior to the last date of bid submission.
- c. The items for supply must be of the most recent series models incorporating the latest technology and design
- d. Duly self-attested Copy of PAN/TAN/TIN/GSTIN as applicable is required to be submitted.
- e. Tenderer should furnish the balance sheets for preceding three financial years duly certified by the chartered accountant showing turnover of the business as stipulated in the tender document.

- f. An affidavit duly certified by a Notary that the firm or proprietary concerned or company has never been blacklisted (On given format at Part – A at Annexure –II).
- g. An affidavit duly certified by a Notary that there is no ongoing criminal case /vigilance enquiry/labor disputes against the firm/ Partners/ proprietor/ Director of the company and he/she has never been convicted or punished by any Hon’ble Court of Law. (On given format at annexure – III).
- h. An Affidavit duly certified by a Notary that the Tenderer does not have any relationship with the person authorized to evaluate Procurement Bid Procedure or involved in finalizing the tender or involved in the use of tendered items (Annexure IV) in the given format.
- i. Copy of Bank Passbook or Statement of Bank Account from Bank for last six months.
- j. Attested photocopy of Certificate of Goods &Service Tax registration should be submitted along with its registration number.

**2. Broad instructions to the tenderers are as follows:**

- a. The tender is non-transferable.
- b. The tenderer should be registered as a Society, Firm or Company. Proprietary Firms are also eligible.
- c. Experience and satisfactory work experience (Completion) certificate issued by head of the institution should be annexed with Tender.
- d. The tenderer submitting their tender would be deemed to have read and accepted all the terms and conditions of tender. No verbal or written enquiries shall be entertained in respect of acceptance or rejection of the tender.
- e. Proprietor will sign the tender documentation case of a Proprietary Firm. In case of a partnership firm authorized partner of the firm shall sign the tender documents and attested copy of authorization of such partner shall be enclosed with tender. In case of a Company the tender documents shall be affixed with the seal of the company and

signed by such person / persons as may be authorized by the articles of associations of the company and/ or a resolution of the board of directors thereof to sign for and on behalf of the company and duly attested copy of the resolution shall be enclosed with tender. The cancellation of any document such as power of attorney, partnership deed, etc. shall immediately be communicated by the Tenderer(s) to the Institute in writing, failing which the Institute shall have no responsibility or liability of any action, taken on the strength of the said documents.

- f. Only Proprietor will sign the Agreement in case of Award of tender to a Proprietary Firm, however in cases of Partnership Firm/Company only legally authorized person will sign the Agreement.
- g. The schedule of rate(s) and quantities should be carefully and properly filled in. All rates should be mentioned in words as well as in figures.

Please note NO Corrections, alterations and overwriting in the Financial Bid will be allowed.

- h. Subletting of contract is strictly prohibited.
- i. All the pages of the tender documents and supporting documents, annexure/enclosures etc. must be numbered serially, signed and stamped by the tenderer and mention the total number of pages on the Technical bid form at Part-A (annexure-I).
- j. Only mandatory information and details are required to be provided with the tender document. If the tenderer desires to provide additional information the same may be provided separately on A-4 size white paper with proper indexing.
- k. Irrespective of the number, only those tenderers who successfully qualify in the Technical Bid will be allowed to participate further in the tendering process
- l. The employees of Government Institute of Medical Sciences, Greater Noida or their family members shall not be eligible to participate in the tender process. For the purposes of this clause



family members includes only Parents, Spouse, Sons, Daughters and dependent brothers and Sisters.

- m. All letters posted to the successful tenderer on the address given in tender will be considered to have been delivered. Accordingly prospective tenderers are advised to write their full & correct postal address.
- n. In the event of withdrawal by a tenderer before the validity of offer, Institute shall have right to forfeit the Earnest Money Deposit **(EMD)**.
- o. Tenderer has to quote both Part A(**Technical Bid**) and Part B (**Financial Bid**) (Annexure VI & Vii) to qualify for the tender.
- p. Only those tenderers who qualify the Technical Bid, will be considered further for the Financial Bid.
- q. Tender document should be sent through courier service or deposited by hand.

**3. TENDER SHALL BE REJECTED IF:**

- a) Any tender received after the prescribed date and time as given in the Notice Inviting Tender.
- b) Tenderer fails to enclose Tender Fee.
- c) Tenderer fails to enclose EMD.
- d) Tenderer fails to submit Tender Fee and EMD on required format as stated in Bid.
- e) **CORRECTION, ALTERATION AND OVERWRITING** is found in the Financial Bid.
- f) If both financial and technical bid documents are enclosed in the same envelope.
- g) Authenticity of any of the supporting document is found to be fabricated.
- h) Tenderers try to influence any official of the Institute in any manner.
- i) Tenderer fails to submit the required information/document along with the tender as per the terms and condition of the tender document. j) Tenderer fails to put signature and seal on each page of Bid.
- k) Tender is found to be incomplete in any respect or sent in unsealed envelope.

The Institute reserves its right to cancel or reject in full or in part  
All tenders received without assigning any reason in lieu thereof.

4. **Instruction for Bidding:**

- a. The tenderer should quote in figures as well as in words the amount tendered.
- b. **NO CORRECTION, ALTERATION AND OVERWRITING** in the Bid.
- c. The tenderer should ensure that the amounts are written in such a way

that interpolation is not possible. No blank spaces should be left.

- d. Break up/Details of Govt. tax & Levies must be provided.
- e. Tenderer must specify the Service Tax to be paid extra, failing which

price will be taken inclusive of such Service Tax and no claim for the same will be entertained later.

**SECTION-II:GENERAL TERMS AND CONDITIONS**  
**FOR SUCCESSFUL TENDERER AND PERFORMANCE INDICATORS**

a) Only Proprietor will sign the Agreement in case of Award of tender to a Proprietary Firm, however in cases of Partnership/Company only legally authorized person will sign the Agreement.

2. **THE SUCCESSFUL TENDERER DELIVERABLES:**

- a) The Successful Tenderer shall be responsible for providing Services in the designated area during the time in the day as specified for particular area.
- b) The Services shall be provided through qualified and experienced personnel for particular service.
- c) The Successful Tenderer shall present details of personnel through which the Services will be rendered by Successful Tenderer before the Institute or committee identified by Institute for the purposes to assess the suitability of personnel of Successful Tenderer

3. **The cost of service will include:**

- a) Manpower cost
- b) Supply of material cost
- c) Installed Equipment cost

4. **RESPONSIBILITIES OF THE SUCCESSFUL TENDERER:**

- a) The Successful Tenderer shall be liable to provide the Services as provided in Section-3. The Successful Tenderer shall be liable to provide such Services on all working days/shifts and even on holidays.
- b) Apart from providing the aforesaid Services, as and when called for, the .
- c) Successful tenderer shall be liable to discharge any other duties which in the opinion of the Institute are within the SCOPE OF WORK of the Successful

Tenderer and the Successful Tenderer shall carry out such duties with diligence and care.

- d) The Successful Tenderer shall be liable to provide speedy and competent services as per the performance benchmark and shall also be liable to deploy the required number of personnel to this effect.
- e) The personnel engaged or to be engaged by Successful Tenderer shall be employees of the Successful Tenderer and there shall not be any relationship with the Institute, including employer – employee relationship. In any case Successful Tenderer shall be solely responsible for their affairs and will be under obligation to comply with the statutory obligations such as service tax, ESIC etc. as and when applicable. These personnel shall have no claim whatsoever, to be treated as employees of the Institute. In the event any such claims made by the personnel of the Successful Tenderer on the Institute, the Successful Tenderer shall be wholly responsible and Successful Tenderer shall indemnify the Institute against any such claims, either monetary or otherwise.
- f) Successful Tenderer shall be fully responsible for any accident or mishap involving personnel engaged by him and any claim made on this part will be paid by the Successful Tenderer. The Successful tenderer shall indemnify the Institute from any claims arising out of accidents or mishaps, disabilities of any nature or death, or arising out of provisions under law or of any other nature in respect of all workers engaged by Successful Tenderer.
- g) In case the Successful tenderer fails in fulfilling the obligations fully and in time, the Institute shall have the absolute right to take up the work at the Successful Tenderer's cost and risk and recover all such expenses from the amounts due to the Successful tenderer including their Security Deposit.
- h) The Successful Tenderer will be required to post suitable and experienced personnel as may be needed to supervise and guide the personnel for proper supply of charts and models as per direction of the In-charge or Department nominated by  
Institute.

5. **CONTROL & SUPERVISION OF SUCCESSFUL TENDERER'S PERSONNEL:**

- a) The Successful Tenderer shall agree that the tenderer in person or through the supervisors shall supervise and control the working of all the personnel engaged by him for the purpose of carrying out the obligations under the contract and shall be fully responsible for maintaining discipline, peace, good behavior, appearance of its personnel deployed in the Institute's premises.
  - b) In the event of the work carried out by the Successful Tenderer or its personnel is not found satisfactory, the Successful Tenderer upon advice from the Institute shall immediately take necessary steps so as to provide prompt and effective services, as per agreed terms.
  - c) The Successful Tenderer shall ensure that the personnel engaged by them shall remain on the premises of the Institute as per timings indicated by the Institute. However, prior permission will have to be obtained by Successful Tenderer/its supervisors from the Institute in the event of Successful Tenderer/its personnel being required to remain on the Institute's premises beyond the aforesaid stipulated time and/ or on Sundays and fixed Public Holidays for any reasons whatsoever.
06. **VALIDITY OF TENDER:** The initial validity of the offer is 30 days from the date of opening of the bid.
07. **COMMENCEMENT OF WORK:** The Successful Tenderer is required to sign the Agreement and start the work within 15 days from signing of the Agreement. In case it is found that the work has not been taken up within seven days from the date of signing the Agreement, the Institute at its sole discretion may cancel the same and forfeit the earnest money deposit or Security Deposit, as the case may be.
08. **PAYMENT:**90% (Ninety Percent) of the contract price shall be paid by Bank transfer/ cheque on receipt of Goods. The remaining 10% (Ten Percent) of the Contract Price shall be paid within thirty (30) days after the date of the Acceptance Certificate issued by the Purchaser's representative.
09. **TAXES AND DUTIES:**
- (a) TDS like Turnover tax, Income tax etc. and other statutory levies as Applicable will be deducted from the bills of the Successful Tenderer.

- (b) Service Tax/GST/other tax as levied by the Central Government and specifically asked in price bid, shall be paid on actuals by the Institute subject to the production of documentary evidence for the same by the Successful Tenderer.
10. **TERMINATION OF AGREEMENT:** After giving opportunity of being heard to the Successful Tenderer, Institute may terminate/cancel the Agreement on the following grounds:
- (a) Breach of any or all terms and conditions of the Agreement.
- (b) Non-performance or unsatisfactory performance of work executed by the Successful Tenderer.
- (c) If at any time document or information furnished with tender is found forged or fabricated during the subsistence of the contract.
11. **GOVERNING LAW:** The law of India shall apply to the Contract arising out of Tender. **The Courts of Greater NOIDA shall have exclusive jurisdiction in all matters arising out of the contract.**
12. **SETTLEMENT OF DISPUTE AND ARBITRATION:**
- (a) In the event of any dispute or difference between the parties relating or concerning to the interpretation of the contract or any alleged breach thereof or any matter relating to the contract, the same shall be settled by the parties as far as possible by mutual discussions and consultation between themselves. The dispute shall be so settled whether the same has arisen during the subsistence of the contract or thereafter.
- (b) In the event of any dispute or differences arising in connection with the Agreement whether during the subsistence of the contract or thereafter not being settled in aforesaid manner, the matter shall be referred to the Director, GIMS, Greater NOIDA, or his nominee not below the rank of Professor for arbitration whose decision shall be final and binding on the parties. The proceedings before the arbitrator would be governed by the provisions of the ARBITRATION AND CONCILIATION ACT, 1996. Place of arbitration shall be Greater Noida.

- (c) During the proceedings of any in house investigation or inquiry it shall not be open to either of the parties to be represented through a lawyer.
13. **STAMP DUTY:** Stamp duty livable on Agreement shall be borne by the Successful tenderer.
14. **PENALTY CLAUSE:** In case the Contractor fails to fulfill the obligations satisfactorily within the stipulated time, fixed penalty at the rate of Rs1000 per day will be levied subject to the maximum 10% of the amount of the work order contract amount.

**Signature / Designation**

**ACCEPTANCE**

I ----- son of ----- resident of -----  
-who is Proprietor/Partner/Director of M/s-----  
have read and understood the contents of the foregoing paragraphs with sound mind  
and without any pressure from any quarter. If any document or information furnished  
with tender is found forged or fabricated at any time, the Institute has full right to forfeit  
my/our EMD and Security Deposit and cancel the agreement.

I am putting my signature and seal of the organization, as a token of  
acceptance to the above.

Signature

Name

Designation

Seal

Date---

Place---

Signature of Tenderer  
seal

(It should be signed by all proprietors/owners if more than one)



**SECTION-IV**

**BID-PART – A**

**Annexure – I**

S. No.	Particulars	Details	Page No.
1.	Name of the Tenderer		
2.	Type of Firm Proprietorship/Partnership Firm/Pvt. Ltd/Company/Society Enclose relevant deed		
3.	Name of Proprietor/Partners/Director Enclose separate sheet		
4.	Name and Address of the person legally authorized to sign Agreement, in case of Partnership Firm/Company.		
5.	Local Address		
6.	Permanent Address:		
7	Telephone No. (Head /Local office) Mobile No. Fax No. /E-mail		
8	The tenderer must have supplied the goods in government institutes and have minimum required average annual turnover of not < 30lacs in last 3 financial years		

9	Earnest Money of Rs 50,000/= Bank Draft No.Date Banker's Name:		
10	Registration Certificate of GST		
11.	Registration of Trade Tax if applicable		
12	Annexure IV		
13	Details of Bank Passbook/Statement of Bank A/C for last six month.		
14	The annual turnover of Tenderer should be Rs. 30 Lac per annum in the last three preceding years.		
15	An affidavit duly certified by a Notary that the firm or proprietary concern/ company has never been blacklisted.[Annexure-II]		
16	An affidavit duly certified by a Notary that there is no ongoing Criminal case /vigilance enquiry Labour disputes against the firm/ Partners/ proprietor /Director of the company and he/she has never been convicted or punished by any Hon'ble Court of Law .[Annexure-III]		
17	Copy of resolutions is submitted for authorization of signatory to sign the tender along with name and designation.		
18	Details of all enclosures on notarized affidavit		
19	Total No. of Pages of Tender Documents, annexure and enclosures.		

Note: All the pages of Tender documents and its enclosures must be numbered and signed with stamp.

Signature of the TendererWith  
address and Seal

**Annexure – II**

**Technical Bid Part – A Affidavit**

I ----- s/o ----- resident of -----  
----- Owner/Partner/Proprietor/Director of M/s -----  
----- having its registered office at ----- do hereby  
solemnly affirm and declare the following: -

That our Firm/organization/company namely M/s -----has  
never been black listed by any of our clients or by any government department.

Deponent

**Verification**

Verified at ----- on the ----- date ----- that the contents  
of the above affidavit are true and correct to the best of my knowledge and  
belief.

Deponent

**Annexure - III**

**Technical Bid Part – A**

**Affidavit**

I ----- s/o ----- resident of -----  
----- Owner/Partner/Proprietor/Director of M/s -----  
----- having its registered office at ----- do hereby  
solemnly affirm and declare the following:-

That there is no ongoing criminal case / vigilance enquiry / labour dispute  
against the firm/organization/company or its owners/ partners/ proprietors/directors  
and he/she has never been convicted by any Hon'ble Court of law.

Deponent

**Verification**

Verified at ----- on the ----- date ----- that the contents  
of the above affidavit are true and correct to the best of my knowledge and  
belief.

Deponent

**Annexure - IV**

**Affidavit**

**(Notarized on Rs 100.00 Non judicial stamp paper)**

Reference: GIMS/GN/2018-19/004forpurchase of charts and models

I (Name of the signatory) S/o or D/o Father's name, Designation of the signatory with (Name of the Company) with its office at (Address of the Head Office of the coy) do hereby solemnly affirm and declare the following:-

The Tenderer does not have any relation with the person authorized to evaluate technical / Price Bid or involved in finalization of the Tender or will decide use of the tendered items / services.

Place:

Date:

Deponent

**Verification**

Verified at ----- on the ----- date ----- that the contents of the above affidavit are true and correct to the best of my knowledge and belief

Deponent

**SECTION-IV**

**FINANCIAL BID: PART B Requirement:**

<b>S.N.</b>	<b>Description of charts</b>	<b>Req. Qty</b>	<b>Rate</b>	<b>Amount</b>
<b>1</b>	Hand Saw	01		
<b>2</b>	Brain knife	01		
<b>3</b>	Dissection instruments	10 sets		
<b>4</b>	Thin body section(trans and vertical)for gross anatomy	01		
<b>5</b>	Microtomes sledge,large cutting	01		
<b>6</b>	Diamond pencils	04		
<b>7</b>	Specimen jars	36		

SIGNATURE OF THE TENDERER  
With Seal & Address

# GOVERNMENT INSTITUTE OF MEDICAL SCIENCES

(An autonomous Institute under Govt. of Uttar Pradesh)

Kasna, Greater Noida, Gautam Buddha Nagar, Uttar Pradesh, – 201310

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## Technical Specifications for Hand Saw

- Hand saw with high carbon steel blades made at HRD to 52 degrees, hard and durable, anti rust and smoothness, which leads to less friction, blades chrome plated blades.
- Specifications:
- For HRC, blade materials reaches 52 degree and teeth reaches 60 degree (+3).
- Chrome treatment, antirust, smooth resulting in less friction.
- Elegant handles, ergonomic.
- Special teeth design, sharp at edges.
- Versatile assortments.
- Should have ISO 13485 certification.

## Technical Specifications for Brain Knife

- Knives are of premium quality in cutting instrument segment, high quality stainless steel with heat-treat our blades.
- **Features:** Edge technology creates blade that is sharper out of the box, holds its edge longer and is easier to re-sharpen; Handle materials use dare selected from a variety of man-made and natural materials, providing the best appearance and performance or S.S.
- Should have ISO 13485 certification.

## Technical specification for Stools Preferably Metal

- These revolving stools are with four legged steel tubular frame work. Stainless steel revolving top. Our bedside revolving stools are with screw based height adjustment from 450mm to 680mm. These revolving stool are ring fitted with legs for foot rest. Legs fitted with rubber shoes.
- Pre treated and epoxy powder coated. Should have ISO 13485 certification.

## Technical specification for Trolley Table (Steel Light)

- Trolley Table powder coated frame with stainless steel. Castor for ease in shifting, ss; framework of SS tubes mounted on four 50mm dia swivelling castors.
- There are two stainless steel shelves with three side railings on top shelf only in these instrument trolleys. Pre-treated and epoxy powder coated. Overall approximate size: 680mm (L)X450mm (w)X820mm(H).
- Should have ISO 13485 certification.

## Technical specifications for Dissection Instruments

Ideal kit for variety of specimen dissections carries most widely used instruments

Dissection kit contents

- Cartilage knife 2'' blade
- Scalpel with screw lock blade
- Narrow blade scalpel 1.5'' blades
- Forceps 4.5'' with guide pin, medium points
- Forceps 4.5'' with guide pin curve, find points
- Dissecting scissor, iris 4.5''
- Probe and hook chrome
- Dissecting scissor with 1.5 sharp and one point blent 5.5''
- Tensing needle straight
- Tensing needle blent
- Rader 6'' plastic
- Dissecting chain and hook chrome
  - Dissecting blow pipe 6''
  - Double fold vinyl case
- Toothed forceps

## Technical specifications for Thin Body Sections (Trans and vertical) for Gross Anatomy Sectional Study

- Useful for preparing specimen for big size in Anatomy and Meat Departments. Fitted with large moving table and extension table operated on four ballbearing rollers. Used extensively in the meat packing, and wholesale fish industry, for handling sword fish and large halbutes etc.
- Specifications (Approx Size)
- Size of cutting table 785X585mm
- Total table travel 1245mm
- Extension table 455x760mm
- Size of wheel 455mm
  - Height 1700mm
  - The table is made of thick S.S. sheet with special heavy axles for easy and firm movement.
  - Supplied complete with one blade, starter, cord and plug, works on 220V, single phase, 50Hz, AC supply.

## Technical Specifications For Dissection microscopes

- Binocular dissecting microscope Zooming body zoom ratio 6:3:1. Eyepiece 10x (FN 22) with dioptre adjuster, rubber eye shield, rectile lead. Low eye level binocular eyepiece tube 20 degree inclined. Plan 1x objective. Diascopic stand (transmitted light illuminator) transparent stage glass. Led illumination.
- Magnification: 4x-200x.



## **Technical Specification for Microtome Rotary**

- Ergonomic design, Compact dimensions. Vertical guidance by zero-backlash and maintenance free cross roller bearings.
- Electronic precision feed mechanism with stepping motor technology. □ Total section thickness range from 0.5 up to 100 um
- Especially smooth running hand wheel. One hand quick clamp change
- Fine orientation with one hand operation and zero positioning, Easy exchange of specimens.
- Specimen retraction during return travel, can be turn off. Indication of all relevant information such as section thickness, trim thickness, number of sections thickness sum, remaining travel of the specimen feed as well as time and date. Reduced number of buttons for intuitive operation.
- Patented and ergonomic one knob operation of the specimen feed with variable speed adjustment.
- Indication of cutting parameters, can be switched over to large indication. ○ Large section waste tray, covering the entire working area.
- Ergonomically optimized operating elements for non tiring usage.
- Design with highest demands concerning operational safety and ergonomics. ○ Integrated removable storage plate.
- Stepping motor micrometer mechanism
- Specimen retraction during return travel:0-200 um, selectable ○ Fine section thickness feed via precision stepping motor from 0.5 to 100 microns: up to 2 um in 0.5 um increments, up to 10 um in 1 um increments, up to 50 um in 2 um increments, up to 100 um in 5 um increments.
- Trimming thickness feed via precision stepping motor 0.5 um to 300 um:
- Horizontal feed range 28 mm. vertical specimen stroke 60-70 mm.

## **Technical specification for Microtome Sledge Large Cutting:**

- Sledge microtome/ sliding microtome for cutting large blocks of paraffin and resin embedded material for light microscopy. The knife holding clamps shall allow the knife to be offset to the direction of cut, a major advantage when sectioning large, hard blocks. The microtome which is very heavy for stability and not usually subject to vibration, with a feed range of 0-20 microns should have ISO 13485 certification

## **Technical Specification For Hot Air Cover For Drying Slides**

- Standard double wall fabrication, inner chamber made of richly anodized aluminium or highly polished stainless steel sheet. Exterior fabricated out of thick milled steel sheet duly finished in white stovling enamel/powder coated paint with mat finished colour combinations.
- Kanthal wire heating elements provided on three sides to attain quick and uniform heating in range of 50 degree celsius to 250 degree Celsius(+/-) 2 degree celsius, controlled by capillary type thermostat. L-Shaped thermometer

is built-in type. Control panel is provided with selector switch of high or low rates of power thermostat control knob and indicators for mains & thermostat. Supplied with cord and plug. The equipment is suitable to operate on 220V AC 50Hz single phase.

- Chamber size in mm/Inches No. of capacity. □ H D W (Approx.) Shelves (Approx.) □ 300x300x300(12"x12"x12")2 28ltrs.

### **Technical Specifications For Diamond Pencils**

- Should be of best quality.
- Should be a medical grade product.
- Should have ISO 13485 certification.

### **Technical Specifications For Specimen Jars:**

Size in mm

- 250x250x120mm
- 200x150x100mm
- 250x165x140mm
- 200x125x125mm □ 360x150x100mm
- 280x210x104mm
- 300x170x90mm
- 150x150x60mm
- 150x120x90mm
- 150x90x60mm