

<b>Anatomy</b>			
SR. No.	NAME OF THE ITEMS	Specification	No. Required
<b>(A)</b>	<b>General</b>		
1	Table with marble or stainless steel tops with a minimum size of 6' x 2' x3' ( S S 304 )	Table with marble or stainless steel tops with a minimum size of 6' x 2' x3' ( S S 304with 18 swg ss sheet ) Is entirely made of S.S. (steel grade 304), with a frame made of rugged torsion resistant S.S. profiles and S.S. swivel locking castors (125mm dia.). the table top has a depth of approx. 15mm sloping towards the drain. Large radii on all inside corners provided for easy cleaning. It is Specialty designed for Anatomy	12
2	Tables with marble or stainless steel tops - half standard size	Tables with marble or stainless steel tops - half standard size Is entirely made of S.S. (steel grade 304), with a frame made of rugged torsion resistant S.S. profiles and S.S. swivel locking castors (125mm dia.). the table top has a depth of approx. 15mm sloping towards the drain. Large radii on all inside corners provided for easy cleaning.	4
3	Drill machine battery Operated	<b>Drill Machine</b> Drill Machine (Electrically /battery Operated hand Drill) Universal hand drill; comprise saggital saw head piece, mini hand drill, transverse saw, triple drill guide 130 angles as well as open gear hand machine drill with S.S. chuck and key. These are precision designed in line with defined safety standards and for cadaver use.	2
4	Hand saw, preferably metal	<b>Hand Saw (SS)</b> Hand Saw (S.S) 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 degrees and teeth reaches 60 degrees (± 3) Chrome treatment, antirust, smooth resulting in less friction. Elegant Handles, ergonomic Special Teeth Design, sharp at edges. Versatile assortments	3
5	Band saw for sectioning body and limbs	Band saw for sectioning body and limbs. Max. Job Height in mm 200 Max. Throat in mm 200 Table Size (L x W in mm) 600 x 600 Blade Speed in mtr /min. 20 - 100 Blade Size (L x W x T in mm) 3505 x 27 x 0.9 Saw Motor Capacity in HP 3 Overall Size (L x W x H in mm) 900 x 700 x 2100 Approx Weight in Kg 400	1
6	Brain knife	Brain knife Brain Knife Stainless steel, non rust standard - length 12"	2

7	Mortuary cooler with arrangement to keep 1 body	<p><b>Mortuary cooler with arrangement to keep 1 body</b></p> <p>Capacity :- 1,  Temperature range:- 0-6 and preferably 0 to 4  Temperature control:-Digital microprocessor  Temperature display:-LED/LCD Display  Construction:- Stainless Steel  Insulation :-High grade polyurethane (80 mm thick)  Doors:-Made of steel sheets w/ magnetic Gasket 7&amp; External lock  Trolleys:- Made of Steel &amp; sliding on telescopic rails  Compressor:- ISI marked  Defrosting Type:- Automatic  Internal Drainage;- Yes  Integral Temperature Gauge:-Yes  Referigeration System :- Air cooled Hermetically sealed  Air circulation :- Forced Air circulation</p>	1
8	Storage tank to hold 10 cadavers, static/movable, durable tank with input and output facility with lid	<p>Storage tank to hold 10 cadavers, static/movable, durable tank with input and output facility with lid made with Complete S.S. 304 material</p>	2
9	Plastic tanks for storing soft and dissected parts	<p>Plastic tanks for storing soft &amp; dissected parts</p> <p>Whole body prepared from Hard Plastic  Tank with capacity to store 10 human cadavers  Fitted with Hard Plastic lid  Fitted with wheels at all 4 corners  No partitions</p>	8
10	Multimedia Projector with screen	<p>Portable with Remote control, USB, Audio in &amp; HDMI input, wireless connectivity  Type:-Optical Zoom / Focus(Automatic)  Focal Length:- 16.9 - 20.28 mm  Zoom- Up to 5x or more  Lamp: LED/LCD &gt;200 w, Life (Normal):- 6,000 hours  Resolution: Min XGA, 1024 x 768, 4:3  <b>Screen</b> should be white in colour and good quality with automatic movement with remote control  screen size of 5x6 ft wall mountable as well as on stand</p>	1
11	Trolley Table (Steel)	<p><b>Trolley Table (steel, Light)</b></p> <p>Trolley Table of Stainless steel / Instrument trolley with two shelves with guard rails on three side With swivel castors Small:- 66x44x87cm (LxWxH)  Large:- 91x45x82cm (LxWxH)</p>	2
12	Movie camera with projection screen	<p><b>Movie camera with projection screen</b></p> <p>Included Components Rechargeable Battery Pack ,  Micro USB Cable, Operating Guide,  Waterproof Case , Adhesive Mount  Image Stabilization should be available  Digital Zoom 3  Optical Sensor Resolution 10 Megapixels or more</p>	1

13	Computer with internet connection & video CD library	Computer with internet connection & video CD library	2
14	X-ray viewing lobby	<b>X-Ray viewing lobby</b> panel side by side X – Ray View box illuminator Standard features: 2 lamps per panel or LED, roller gravity film holding systems, durable steel construction, thin 3” profile, chip Resistenat hospital white finish, continuous bottom film ledge, even vue reflective system.	3
15	X-Ray plates/MRI/CAT scan/USG	<b>X-Ray plates/MRI/CAT scan/USG</b> X-Ray plates panel side by side X – Ray View box illuminator Standard features: 2 or 1 lamps (F15IT8/D) per panel, roller gravity film holding systems, durable steel construction, thin 3” profile, chip Resistenat hospital white finish, continuous bottom film ledge, even vue reflective system, UL and cUL listed, Centralized cluster on/off switching; FAS – film activated switching, MS – Master Switch, HGP – Hospital Grade Plug Specs: surface wall mount.	35
16	Charts, Diagrams, Models, Slides etc.	Model of Man or Woman....(Normal Size)....Adult Showing superficial dissection on one side. And other side intact. Arms and legs are detachable. The internal organs in abdominal & thoracic wall are shown in situ and they are detachable. Human Torso with Head ..... Life size. (Male or Female) Height 38 inches excluding arms & legs. Showing superficial dissection on one side and other side intact. The internal organs in abdominal & thoracic wall are shown in situ. Half of the skull cap can be removed and brain can be taken out. Principal Structures found within tissue Cells,. Head and Neck .....Longitudinal Section of Head and Neck,Brain with Skull, Brain in 4 Parts	30
17	Dissecting instruments for cadaveric dissection	<b>Dissecting Instruments for Cadaver</b> Technical Specifications Student Anatomy Dissecting Kit Dissection Kit contents: • Scalpel with screw lock blade, • Narrow blade scalpel 1.5" blade • Forceps 4.5" Blunt and Toothed. • Forceps 4.5" with curved, fine points • Dissecting scissors, Iris 4.5" • Probe and hook chrome • Dissecting scissors with one point sharp & one point blunt 5.5" • Teasing needle straight • Teasing needle bent • Ruler 6" and 12" (SS) • Bone cutter Retractors for abdomen dissection Probes Hammer and Chisel.	10

18	Meat cutting machine for thin body sections trans and vertical) for gross anatomy sectional study	Meat cutting Machine (Bakon's slicer) of standard type Table made of thick SS sheet with special heavy axles for easy and firm movement., Machine should be supplied complete with one blade, starter, cord and plug., Machine should work on 220 V, single phase, 50 Hz AC Supply ., Machine fitted with g table	1
19	Cadavers		10
20	Embalming Machine need to be changed	<b>Embalming Machine</b> Technical Specifications for Embalming Machine: The equipment should be mounted on castors for easy movement and the hand grip should be provided for lifting. I.V. stand fixed for mounting cannula tubing and mains cable. Indicator for mains on & in use should be present. The outer body should be of complete stainless steel. Power supply: 220 V AC with trip facility.	1
(B)	<b>Histology Laboratory</b>		
21	Microscopes, Monocular	<b>Monocular Research Microscope with LED</b> With coaxial coarse and fine motion with LED light sources with intensity regulator. Coaxial mechanical stage, Movable condenser and having coated objectives, three eye pieces 10,40 & 100x oil immersion, 10x eye piece.	50
22	Dissection microscope	Dissection microscope	3
23	Microtomes, rotary (Optional)	<b>Specifications for Manual Rotary Microtome</b> The surface of the housing and section waste tray should be fully anodised and easy to clean. The Handwheel and coarse feed wheel should be enclosed in the body of the microtome., The Smooth running handwheel should be lockable in any position , The instrument should have Section counter display and Reset button., The instrument should have robust object and knife/blade holders operating in combination with the horizontal and vertical cross-roller bearing. Below are the settings should be in microtome: a. Section thickness: 0.5 - 60 µm b. Setting range: 0.5 - 10 µm in 0.5 µm steps, c. Trimming device: two trimming steps 10 µm and 20 µm 1 Section waste tray, 1 Protective cover, 1 Operating manual,	1

24	Microtomes, Sledge, large cutting	<p><b>SLEDGE AND FREEZING MICROTOME</b></p> <p>A sledge microtome where the sample is placed into a fixed holder (shuttle), which then moves backwards and forwards across a knife. Freezing microtome is used for cutting thin to semi-thin sections of fresh frozen tissue Radial Cutting facility Knife: 3 1/4" (8cm)  Section Thickness: 5 microns and up Calibrated 5-40 microns ,  Sledge Cutting Knife: 6 2/3" (17cm)  Section Thickness: 0.4 microns and up Calibrated -12 microns  Freezer for Microtome  Temperature Range: -40°C to +100°C  Heat Removal: ½ liter/min. Tap water or circulating pump &amp; tank unit, Accessories: Thermocouple microprobe  Automatic protection against overheating in case of water supply failure Controller can be used as an independent digital thermometer and needle microprobe should be provided for this purpose.  Power Supply Power input to be 220-240VAC, 50Hz</p>	1
25	Cabinet for slides (1000)	Cabinet for slides (1000) wooden type door with lock facility	4
26	Incubators	<p><b>Incubator</b></p> <p>Outside made up of mild steel with powder coated  Inside made up of SS, The double walled door with asbestos gasket lining is fitted on heavy brass cast  Temperature range Ambient to 80 Degree Centigrade with thermostat control , Heating elements are placed in the ribs at the bottom and sides  Size: 350x350x350 mm approx.  No. of trays - 2(14x14x14 ")  Displays for temperature is available.</p>	1
27	Paraffin embedding bath	<p><b>PARAFFIN EMBEDDING SYSTEM</b></p> <p>Technical Specifications  The heating function controlled by accurate digital thermostat  Low and flat work-surface to facilitate operator efficiency.  User friendly membrane switches. 4-liter capacity paraffin reservoir which minimizes refilling frequency.  Heated work area which provides a flat working surface with the excess paraffin draining under the surface into the wax bath;  complete  Power input to be 220-240VAC, 50Hz</p>	1
28	Hot plates for flattening sections	<p><b>HOT PLATE – ELECTRICAL</b></p> <p>Technical Specifications  Durable cast-iron heating element that heats up fast  Thermostatic control from simmer to boil  Durable and easy-to-clean spray plastic finish  Variable heat control  Stainless steel body  Temperature and working indicator light</p>	1
29	Hot air oven for drying slides (45 o C)	<p><b>Hot air oven for drying slides (45°C)</b></p> <p>Hot air oven for drying slides (45°C); Temperature Range Ambient +5 °C - 250 °C  Shelves: 2-3 Stainless steel - removable with air circulation.</p>	1

30	Refrigerators (Minimum 165 litres)	Refrigerators (Minimum 165 litres) (LG/ Wirlpool/ Samsung/Equivalent)	2
31	Marking pencils	Marking pencils (VIBGYOR) 7 colour marking pencils (VIBGYOR)	25
(C)	<b>Museum</b>		
32	Articulated Skeleton set.	<b>HUMAN SKELETON ARTICULATED (REAL BONES)</b> Fitted in a TeakWood Almirah.	5
33	Bones (Dis-articulated) sets	<b>Bones (Dis-articulated) sets (REAL BONES)+C33</b>	15
34	Specimen Jar Wet	Specimen Jar with Lids made with Acalic material - for Wet Specimen Small- 200x125x125 mm - 60 Nos. Medium - 250x250x 250 mm or 360 x 150x 100 mm - 50 Nos.	110
35	Steel racks S.S.	Steel racks S.S.made with total SS 304	20
36	Laptop	Processor- Min 2.5 GHz intel core i 7 , RAM min 8 GB, Hard Disk - 1 TB, Operating System- Wndows 10 Home ( Licenced copy with lifetime validity), Integrated graphics, Screen Size 15 inches, DVD RW, Preinstalled MS office (Licenced Copy)& other necessary latest software , with accesories like laptop bag, cordless mouse, cleaning kit etc	1
37	Desktop Computer, with Printer	<b>Desktop:</b> All in One PC, Processor- 1.5 GHz Pentium Silver, RAM min 4 GB, Hard Disk - 1 TB, Operating System- Wndows 10 Home ( Licenced copy with lifetime validity), Integrated graphics, Screen Size 21 inches, DVD RW, Preinstalled MS office (Licenced Copy)& other necessary latest software , wireless keyboard & Mouse, with accesories like Cover, web cam, cleaning kit etc <b>Printer:</b> Laser type, Print output - monochrome, Speed- > 12 ppm, USB connectivity, Wireless connectivity, Print resolution 2400 x 600 dpi, USB Auto installable,	2
38	Photocopier and Scanner	All in One print, scan & Copy, Output - Monochrome & color, Speed - 30 ppm or more, Resolution 9600 x 600 dpi or more, Wireless & direct connectivity, 2 USB Ports. Supplied with installation CD, User Manual, cover, toner cartridge and other accessories	1