JAWAHARLAL NEHRU MEDICAL COLLEGE
ACHARYA VINOBA BHAVE RURAL HOSPITAL
REQUIREMENT OF EQUIPMENT & INSTRUEMENTS
FOR THE YEAR 2016-17

Sr. No.	Name of the Equipment	Specification	Qty.	User Dept.	Remarks
1	**Fast Autoclave machine**	40 Ltrs. Capacity. Automatic Micro-Processor Based **Technical Specification:** • Work On 1210 C Lowest 1340 C Highest • Sterilization Cycle • 10 - 20 Min Chember S.S. 304	1	Anaesthesia	
2	**Rediofrequency Ablation Machine**	Bipolar radiofrequency energy generator	1	Anaesthesia	
3	**TMT Machine**	Cardiology centric medical electronic Monitoring Systems Complete Computerised	1	Cardiology	
4	**Echo-cardiography Machine**	with Adult and Pediatric Probe, TEE Probe	1	CVTS	
5	**Temporal Bone Lab Upgradtion**	INCLUDES: Suction Arrigation system automatic Micro scope Microscope camera Monitor Micro motors reverse & forwards cutting with foot control Hand Piece straight for micro motor Hand Piece spray with nozzle Temporal bone holder ENT cutting burr set Oval shape cutting burr set Dimond burr set Burr stand Micro cup forceps Micro crocodil forceps Micro straight & curved needle Micro sickle Knife Mcro right angle pick Micro instruments box (SS) Adson forceps plain Adson forceps teeth 1*2 Micro suction tip with adapter Suction tube furguson B.P. Handle B.P. Handle blade Temporal bone instrument drawer with lock system Small/Medium/Large Hydraulic chair	2	ENT	
6	**Intra Operative Facial Nerve Monitor**	Complete System	1	ENT	

7	**Surgical saw with different blades**	Latest Model	1	ENT	
8	**Rigid Endoscope 30 Degree 4mm**	Telescope 30° Wide Angle Forward-Oblique, enlarged view, Diameter: 4 mm, Length 18 cm, Autoclavable, Fiber Optic Light Transmission	1	ENT	
9	**General ENT Instrument. Rhinoplasty Instruments, Stapedotomy**	ENT instruments of Superior quality.	1	ENT	
10	**Cautery Machine**	Two different port for Monopolar & Bipolar power output with different display. A Monopolar channel can work either by Foot or Hand operated electrodes. Fully Microprocessor controlled: To achieve high degree of clinical precision. 3 Cut Modes: Pure 400W, Blend Cut 200W and Special Cut 400W. 3 Coag Modes: Soft 150W, Fulgurate 150W and Spray Coag 150W. 2 Bipolar Modes: Standard 99W and Macro Modes 99W. ARGON Beam Coagulator upgradeable. Auto BiCoag Alarms for tissue coagulation feedback.	1	ENT	
11	**Instrument for Rigid Oesophagoscopy**	Foreign Body Removal Forceps (Different Shapes) Distal Light Source Attachment	3	ENT	
12	**Mammography System**	Analog Model/PACS Compactible	1	Radiodiagnosys	
13	**High Definition Arthroscope**	Dia 4mm 30degree & working length 185mm	1	Ortho OT	
15	**Donor Bleeding Couch**	a) Easily accessible surface b) Seat elements designed to maximize donor comfort with arm rest c) Trays to place accessories like BP Apparatus, Blood Collection Monitor etc. d) Interface for blood collection monitor e) Works on AC/DC Current f) Movable head and/or legs portion	1	Blood Bank	
16	**Plasma Expressor**	User-friendly system with alarms. Leakage-free clamping ensures separations without contamination of red cells. Designed for both automatic and manual clamping. The Composcale interface helps to separate a specific volume of blood components to prepare aliquots and tomaintain a favorable hematocrit content. Four units can be interconnected through a single unit to avoid multiple power inlets. Highly sensitive opto-electronic sensor ensures instant sensing between the transfers of blood components. Specially designed bag hook holds the blood bag during the expressing of plasma.	1	Blood Bank	

17	**Blood bag Squeezer**	User-friendly system with alarms.	2	Blood Bank	
18	**Incubator**	Incubator Chamber Size 18 x 18 x 18in. Powder coated MS Outer body, SS304 chamber & 2 Nos SS 304 perforated trays, Digital Temperature Indicator cum controller with 0.5* accuracy & Air circulation fan for uniform temp. distribution.	1	Blood Bank	
19	**Slit Lamp**	Magnification selection 3 steps by rotation drum Magnification 10x, 16x, 25x Eyepiece 12,5x Diopter adjustment -5D ~ +3D Total magnification (field of view) 10x (ø 22.5 mm) / 15.98x (ø14.1 mm) / 25.53x (ø 8.8 mm) Illumination Slit width Continuous from 0 to 14 mm Slit lenght Continuous from 1 to 14 mm Aperture Continuous from 1 to 14 mm, ø 0.3 , 1 , 5 , 10 , 14 mm Slit angle 0˚ to 180˚ Filter Blue, red-free Light source LED Power Input (Primary) AC 100-240V / 50-60Hz Power consumption 40VA Dimension : Standard (with table top and chinrest) 550 mm (W) x 399 mm (D) x 520 mm (H), 15,2 kg	2	Opthalmalogy	
20	**Audio-Video System**		1	Opthalmalogy	