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**SANJAY GANDHI POST GRADUATE INSTITUTE
OF MEDICAL SCIENCES**
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TENDER NOTICE

On-line offers are invited from Manufacturers / Authorized Importers/ Authorized distributors/ Dealers (Declared by Principal Firm only) for the supply and installation of medical equipments & other capital items for Quaternary Healthcare, Advance Pediatric Centre, various departments of the Institute and Apex Trauma Centre such as Surgical Robotic System, Hybrid Cardiac Cathlab, C-Arm Fluoroscopy System for Vascular Procedures, Confocal Laser Endomicroscopy, Spine/ Cranial Robotic System, Syringe Infusion Pumps, Multipara Monitors, Defibrillators, ECG Machines, ICU Ventilators, Angio CT, Digital Radiology System, EV Systems, Orthopedic OT Table, Mobile CT Scanner, Video Urodynamic, Anesthesia Workstations, ICU Beds, Hospital Furniture, Office Furniture, Computers & Printers, etc., as per tender conditions, as stipulated in the tender documents. Tender documents duly filled will be submitted in two bid system i.e. technical bid and price bid.

The publication of tenders will be started on GeM Portal, at the earliest. The offer will be accepted On-Line only on GeM portal with terms and conditions as mentioned in tender documents.

For detailed information like Name of Equipments with specification, date of submission and opening of tender, etc., please visit the GeM Portal from time to time. The list of equipments for F.Y. 2026-27 will be uploaded on our website www.sppgims.org.in for reference only. The offer will be accepted On-Line only on GeM Portal with terms and conditions as mentioned in tender documents. **The prospective bidders are requested to go through the list of equipments from the Institute's website and make sure that their relevant equipments / products are available on GeM Portal under relevant category as all the procurements are to be made from GeM Portal.**

The Director reserves the right to accept or reject any tenders in part or full without assigning any reason thereof. In case any legal dispute; the legal jurisdiction shall be court of law at Lucknow (UP), India.

ADVT No.1/14/JDMM/2026-27 **Director**

LIST OF EQUIPMENTS FOR FINANCIAL YEAR 2026-27

(PART-A)

LIST OF EQUIPMENTS FOR QUATERNARY HEALTHCARE IN EXISTING INFRASTRUCTURE

Sl. No.	Department name	Sl. No.	Name of Equipment	Qty	Unit Cost (Rs. in lakhs)	Total Cost (Rs. in lakhs)	Total Cost (Rs. in lakhs)			
1	Centre for Excellence of surgeries	1	Surgical Robotic system with dual console and simulator	2	2,900.00	5,800.00	5,800.00			
2	Nuclear Medicine	2	Robotic PET/ CT guided Biopsy System	1	250.00	250.00	250.00			
3	Cardio Vascular-Pulmonary Care	3	Hybrid Cardiac Cath Lab (Cardiology)	1	1,800.00	1,800.00	4,685.00			
		4	High End Echocardiography System (Cardiology)	1	425.00	425.00				
		5	80 KV C Arm Fluoroscopy System for High End Vascular Procedures (CVTS)	1	600.00	600.00				
		6	Confocal Laser Endomicroscopy (Pulmonary)	1	500.00	500.00				
		7	Lung Vision 2.0 System with AI Tomography (Pulmonary)	1	500.00	500.00				
		8	Bronchoscopic Thermal Vapor Ablation (BTVA)	1	200.00	200.00				
		9	Endovascular Thrombus aspiration device	1	20.00	20.00				
		10	Coroflow for assessment of Coronary Physiology for epicardial and microvasculature	1	50.00	50.00				
		11	Anesthesia Workstation	1	50.00	50.00				
		12	Coronary excimer laser system	1	475.00	475.00				
		13	Orbital atherectomy Device	1	40.00	40.00				
		14	Syringe Infusion Pumps	25	1.00	25.00				
		4	M & RH	15	USG for fetoscopy surgery	1		275.00	275.00	535.00
				16	Ultra High Definition (4K) Endo Vision Fetoscopy set	1		150.00	150.00	
17	Biopolar Electrosurgical Unit			1	15.00	15.00				
18	Fetal Laser System			1	20.00	20.00				
19	Anesthesia Workstation			1	75.00	75.00				
5	Anesthesiology	20	Advance Hemodynamic Monitoring System	1	90.00	90.00	225.00			
		21	High End Ultrasound	1	60.00	60.00				
		22	Targeted Temperature Monitoring System	1	40.00	40.00				
		23	TCI Pump	10	2.50	25.00				
		24	Chemo Port implantation equipment	1	10.00	10.00				
6	Urology	25	Video Urodynamic	1	290.00	290.00	690.00			
		26	Cold perfusion organ transport box	2	25.00	50.00				
		27	Energy Vision System (EV System)	1	300.00	300.00				
		28	Infrared Stone analyzer	1	50.00	50.00				
7	Pathology	29	Digital Droplet PCR	1	200.00	200.00	200.00			
8	Clinical Immunology & Rheumatology	30	Droplet based Microfluidic single cell RNA sequencing Processor	1	120.00	120.00	175.00			
		31	High Performance Computing for Bioinformatics	1	55.00	55.00				
9	Nephrology	32	Endovascular arteriovenous fistula creation device	1	200.00	200.00	100.00			
		33	Intravascular ultrasound device	1	350.00	350.00				
		34	Portable Ultrasound device with HF Probe	1	150.00	150.00				
		35	Mechanical aspiration and rotational excisional thrombectomy device	1	100.00	100.00				


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		36	Membrane filtration therapeutic aspheresis system	1	250.00	250.00	1,050.00
10	Hematology	37	Apheresis Machine for BMT	2	70.00	140.00	
		38	Water Purification System, GMP Certified	1	30.00	30.00	
		39	Bedside Ultrasound with Transcranial Doppler	1	35.00	35.00	
		40	Handheld X-Ray Machine,	1	45.00	45.00	
		41	Platelet Aggregation Analyzer	1	35.00	35.00	
		42	Capillary Zone Electrophoresis	1	40.00	40.00	
		43	Variant Analyser NBS	1	45.00	45.00	
		44	Whole slide scanner/ imaging system	1	100.00	100.00	470.00
11	Neurosurgery	45	Spine Robotic System	1	2,000.00	2,000.00	
		46	Cranial Robotic System	1	1,900.00	1,900.00	3,900.00
Total						17,980.00	17,980.00

(PART-B)

LIST OF EQUIPMENTS FOR ACTIVATION OF ADVANCE PEDIATRIC CENTRE

Sl. No.	Name of Department	Sl. NO	Name of Equipment	Qty	Unit Cost (Rs. in Lakhs)	Total Cost (Rs. in lakhs)	Grand Total (Rs. in Lakhs)
1	Pediatric Anesthesiology						
		1	Pediatric and neonatal Video Laryngoscope with hyperangulated paediatric blade	1	35.00	35.00	
		2	Pediatric Video Laryngoscope with paediatric blade	3	6.00	18.00	
		3	Fiberoptic bronchoscope 2.2, 2.7	2	8.00	16.00	
		4	Target controlled infusion pump (TCI)	10	2.50	25.00	
		5	TEG Machine	1	20.00	20.00	
		6	laryngoscope	12	0.50	6.00	
		7	Advanced Anaesthesia work station with cylinders with electronic medical record system, BIS monitor	4	100.00	400.00	
		8	Anaesthesia work station with cylinders with electronic medical record system, BIS monitor	1	75.00	75.00	
		9	Dialysis machine (CRRT)	1	25.00	25.00	
		10	Bed side portable suction unit	5	3.00	15.00	
		11	PCA pumps (legacy pumps)	10	5.00	50.00	
		12	High End Portable USG Machine with 04 Probes	2	60.00	120.00	805.00
2	General Pediatric						
		13	High capacity vacuum cleaner	2	0.50	1.00	
		14	Ophthalmoscope	2	0.50	1.00	
		15	Suction Machine	4	3.00	12.00	
		16	LMA — Paediatric	4	1.00	4.00	
		17	Nebuliser — Tabletop	4	1.00	4.00	22.00
3	Pediatric Endocrinology						
		18	High capacity vacuum cleaner	1	0.50	0.50	
		19	Ophthalmoscope	1	0.50	0.50	
		20	LMA — Paediatric	1	2.00	2.00	
		21	Nebuliser — Tabletop	4	0.50	2.00	5.00
4	Pediatric Day Care						
		22	Paediatric day care recliner / chair (electric)	5	1.00	5.00	
		23	Chemotherapy safety cabinet (Class II BSC)	1	8.00	8.00	
		24	Portable suction machine	1	1.20	1.20	
		25	Nebuliser — mesh type (portable)	2	0.35	0.70	
		26	High capacity vacuum cleaner	1	0.40	0.40	15.30
5	Pediatric Pulmonary						

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		27	Paediatric Polysomnography Equipment	1	30.00	30.00	
		28	Paediatric Therapeutic Flexible Videobronchoscopy System	1	30.00	30.00	
		29	Paediatric Flexible Videobronchoscopy System (4.2 mm)	1	20.00	20.00	
		30	Ultra Slim Videobronchoscope	1	20.00	20.00	
		31	Paediatric Pulmonary Function Testing Equipment	1	30.00	30.00	
		32	Paediatric Body Plethysmography System	1	50.00	50.00	
		33	Impulse Oscillometry System	1	40.00	40.00	
		34	Paediatric Rigid bronchoscopy system	1	75.00	75.00	
		35	Endoscope Reprocessing Equipment	1	25.00	25.00	
		36	Portable BiPAP with battery back-up	6	12.00	72.00	
		37	Anaesthesia Workstation	1	50.00	50.00	
		38	Anaesthesia pendant	1	15.00	15.00	
		39	Surgical Pendants (3 shelves)	2	30.00	60.00	517.00
6	Pediatric Microbiology						
		40	Automated Blood Culture System	1	40.00	40.00	
		41	Binocular Microscope	3	5.00	15.00	
		42	Fluorescence Microscope	1	10.00	10.00	
		43	Incubator 37 Deg C	2	5.00	10.00	
		44	BOD Incubator	1	6.00	6.00	
		45	CO2 Incubator	2	6.00	12.00	
		46	Refrigerator (2-8 Deg C)	4	1.00	4.00	
		47	BSL-2 Hood	2	5.00	10.00	
		48	Syndromic Panel	1	45.00	45.00	
		49	Anaerobic System	1	40.00	40.00	
		50	Deep Freezer -20 Deg C	1	5.00	5.00	
		51	Autoclave (Vertical)	1	10.00	10.00	
		52	Non Refrigerated Centrifuge	2	3.00	6.00	
		53	Autoclave (Horizontal)	1	10.00	10.00	223.00
7	Pediatric CCM						
		54	Video Laryngoscope	2	5.00	10.00	
		55	Infant digital weighing machine	1	1.00	1.00	
		56	Digital diaper weighing machine	1	0.50	0.50	
		57	Autoclave machine (portable)	2	5.00	10.00	
		58	Cuff pressure monitor (reusable)	2	1.00	2.00	
		59	Portable O.T. Light	2	6.00	12.00	
		60	Wheel Chair with foam seat, straight back and restraint for ICU patients	1	2.00	2.00	
		61	UPS 30 KVA	2	1.50	3.00	
		62	LED X-RAY VIEW BOX (4 FILM)	2	0.50	1.00	41.50
8	Pediatric Oncology						
		63	Digital thermometer (Infrared)	2	2.00	4.00	
		64	Pediatric sphygmomanometer (Aneroid/ mercury) with different cuff sizes	2	1.00	2.00	
		65	Scrub Sink with sensor based taps	1	10.00	10.00	
		66	Slow suction machine	1	3.00	3.00	
		67	Minor surgical set (should include two medium size artery forcep, two debkey forceps one tooth and one plain and painting forcep with two sterile linen sheet in each box)	2	5.00	10.00	
		68	Central monitoring system for multipara monitors	1	5.00	5.00	34.00
9	Pediatric Cardiology						
		69	Echo Machine with Pediatric TOE Probe	1	250.00	250.00	
		70	Portable Echo Machine with basic and Pediatric Probes	1	65.00	65.00	
		71	Incubator	2	2.00	4.00	
		72	Holter Monitoring Machine for Pediatric	1	15.00	15.00	334.00

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10	Pediatric Gastroenterology					
	PEDIATRIC ENDOSCOPY					
		73	Pediatric UGI Scope. (Inner channel diameter – 2.0mm) (Outer Channel diameter –5.6mm)	1	17.00	17.00
		74	4 K Video endoscopy System with AI Platform with (UGI scope, PediatricVideoColonoscope, Duodenoscope)	1	180.00	180.00
		75	Ultrasound Machine	1	80.00	80.00
		76	Videoendosonography SystemWith shear wave elastography	1	200.00	200.00
		77	Endoscopic Radiofrequency Electro surgical Cautery unit with Endo cut Facility	1	25.00	25.00
		78	Balloon Enteroscopy System	1	50.00	50.00
		79	Deep Freezer - 80°C	1	10.00	10.00
		80	Laboratory Incubator	1	4.00	4.00
		81	Electronic weighing machine	1	2.50	2.50
		82	Water Bath	1	4.00	4.00
	PEDIATRIC WARD					
		83	Video Laryngoscope	2	2.00	4.00
		84	BipapCpap Machine	4	1.00	4.00
11	Pediatric Surgery					580.50
	O.T.					
		85	PAEDIATRIC OT TABLE WITH ACCESSORIES	2	75.00	150.00
		86	OT LIGHT (3 DOME) WITH CAMERA AND CEILING MOUNTED LED VIDEO SCREEN AND RECORDING SYSTEM	4	50.00	200.00
		87	3D 4K, ICG ENABLED, LAPROSCOPY CART WITH VIDEO PROCESSOR, CO2 INSUFFLATOR, LIGHT SOURCE, CAMERA RECORDER , LED SCREEN, CEILING MOUNTED LED VIDEO SCREEN)	1	400.00	400.00
		88	SURGICAL WORKSTATION (CAUTERY MACHINE WITH VESSEL SEALER WITH WATERJET WITH CUSA)	2	50.00	100.00
		89	HARMONIC VESSEL SEALER WITH ACCESSORIES FOR OPEN AND LAPAROSCOPIC SURGERY	1	50.00	50.00
		90	LIGASURE VESSEL SEALER WITH ACCESSORIES	1	50.00	50.00
		91	CAVITRON ULTRASONIC ASPIRATOR (CUSA) MACHINE	1	80.00	80.00
		92	PLASMA STERILIZER	1	100.00	100.00
		93	C-ARM MACHINE WITH ACCESSORIES (APRON , NECK COVERS , CAPS)	1	100.00	100.00
		94	THERMAL BLANKET WITH UNITS AND ALL ACCESORIES	4	6.00	24.00
		95	WATER BATH / FLUID WARMER	2	5.00	10.00
		96	TABLE TOP AUTOCLAVE	2	5.00	10.00
		97	CHOLEDOSCOPE	1	10.00	10.00
		98	GENERAL INSTRUMENT SET (OPEN SURGERY)	6	50.00	300.00
		99	FINE INSTRUMENT SET (OPEN SURGERY)	6	50.00	300.00
		100	VASCULAR INSTRUMENT SET (OPEN SURGERY)	2	50.00	100.00
		101	THOROCOTOMY INSTRUMENT SET (OPEN SURGERY)	2	30.00	60.00
		102	THOMPSON SELF-RETAINING RETRACTION SET	2	20.00	40.00
		103	BONE INSTRUMENT SET (OPEN SURGERY)	1	30.00	30.00

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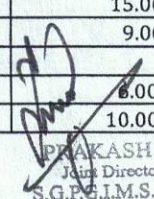
		104	LAPROSCOPY INSTRUMENT SET - 3MM INSTRUMENTS	2	75.00	150.00	
		105	LAPROSCOPY INSTRUMENT SET - 5MM INSTRUMENTS	2	75.00	150.00	
		106	PEDIATRIC CYSTOSCOPY SET	2	50.00	100.00	
		107	BRONCHOSOPY SET	1	50.00	50.00	
		108	SUCTION MACHINE	4	2.00	8.00	
		109	Autoclave Machine	2	5.00	10.00	
		110	Urodynamic Machine with C-Arm and accessories	1	250.00	250.00	
		111	Scrub Sink with sensor based taps	2	10.00	20.00	
	Pediatric Suregery Ward in APC						
		112	Phototherapy Units	2	20.00	40.00	
		113	Pediatric sphygmomanometer (Aneroid/ mercury) with different cuff sizes	4	1.00	4.00	
		114	Mobile Shadowless OT light	2	10.00	20.00	
		115	water and air mattress	5	2.00	10.00	
		116	Slow Suction Machine	2	5.00	10.00	
		117	Minor surgical procedure sets	20	1.00	20.00	2,956.00
12	Pediatric Pathology						
		118	Table Top Centrifuge	3	4.00	12.00	
		119	Cyto Centrifuge	1	12.00	12.00	
		120	Trinocular Microscope with Camera	1	20.00	20.00	
		121	Ergonomic Binocular Microscope	3	4.50	13.50	57.50
13	Pediatric Neurology						
		122	68 Channel Video EEG System	1	40.00	40.00	
		123	8 Channel Nerve Conduction System Electromyography Evoked Potential Machine	1	40.00	40.00	
		124	Transcranial Doppler	1	45.00	45.00	
		125	Macintosh Laryngoscope	2	0.25	0.50	
		126	Electronic Weighing Machine	1	3.00	3.00	128.50
14	Pediatric Radiodiagnosis						
		127	Digital Radio Fluoroscopy	1	440.00	440.00	
		128	Digital Radiography	1	340.00	340.00	
		129	Mid-End Ultrasound Machine	1	80.00	80.00	
		130	High-End Ultrasound Machine	1	140.00	140.00	
		131	Digital Mobile X-Ray Unit	2	120.00	240.00	1,240.00
15	Pediatric Nephrology						
		132	Pediatric hemodialysis machine	5	19.00	95.00	
		133	Automated Peritoneal Dialysis Machine	3	10.00	30.00	
		134	Electronic weighing machine	2	3.00	6.00	
		135	Mobile DSA System with Square Display Monitor	1	200.00	200.00	
		136	USG with doppler and echo facility	2	25.00	50.00	
		137	Lead Apron set	10	1.00	10.00	
		138	Electrocautry Mechine	2	6.00	12.00	403.00
16	Pediatric Neonatal Emergency						
		139	Double Wall Incubator	1	6.00	6.00	
		140	Transport Incubator	1	6.00	6.00	12.00
17	Common Equipments for All departments of APC						
		141	Syringe Infusion pump (With Stacking Rack)	522	1.00	522.00	
		142	Volumetric infusion pump	250	1.00	250.00	
		143	High End Multiapara-7 Channel or more ICU Monitor with CNS	62	12.00	744.00	
		144	Multiapara- 5 Channel ICU Monitor	123	5.00	615.00	
		145	Basic Monitor/Bed side Monitor for Ward	65	2.50	162.50	
		146	Neonatal/Peadeatric. High End ICU Ventilator With HFO	4	45.00	180.00	
		147	ICU Ventilator	52	30.00	1560.00	
		148	Transport Ventilator	11	8.00	88.00	

		10	Multi para monitor with non invasive cardiac output monitoring	2	7.00	14.00	
		11	Water bath	10	0.50	5.00	
		12	Infusion pump	100	1.00	100.00	
		13	Patient inline fluid warming system(hotline)	5	2.25	11.25	
		14	TCI Pump	10	2.50	25.00	
		15	Enteral feeding pumps	6	1.00	6.00	
		16	Volumetric Pumps	5	1.00	5.00	
		17	Medicine Trolley	10	1.00	10.00	
		18	CRRT machine	1	25.00	25.00	
		19	Neonatal ICU ventilators + nasal CPAP + humidifier + HFOV	1	45.00	45.00	
		20	Neonatal ICU ventilators + nasal cpap + humidifier	5	30.00	150.00	
		21	High Frequency chest wall oscillation machine for chest physiotherapy	1	12.00	12.00	
		22	TEE adult probe	2	25.00	50.00	
		23	PRP Centrifuge Machine	1	5.00	5.00	759.75
2	Animal House	24	Inverted Fluorescence Microscope	1	30.00	30.00	
		25	Autoclave	1	5.00	5.00	35.00
3	Biostatistics & Health Informatics	26	64 GB RAM for Dell Servers	9	1.40	12.60	
		27	Rack Mount Servers	2	20.00	40.00	
		28	Windows Server Operating System Latest	2	0.45	0.90	
		29	Wi-Fi Network Controller	1	45.00	45.00	
		30	Indoor Access Points for Wi-Fi	200	0.63	126.00	
		31	Extension / Addition of Usable 200 TB NL-SAS storage space in existing DELL EMC SAN storage on RAID-6 (Model-Unity XT Hybrid Flash Arrays - UNITY XT 380)	1	100.00	100.00	
		32	Distribution Switch along with Modules	6	23.00	138.00	
		33	Access Switch (PoE) along with Modules	20	4.50	90.00	
		34	Access Switch (Non PoE) along with Modules	5	3.50	17.50	
		35	Ductable Tower, Precision AC-8 Tons	1	15.00	15.00	
		36	Core Switch	1	190.00	190.00	
		37	Load balancers	2	85.00	170.00	
		38	UPS Battery for Data Centre	80	0.03	2.40	
		39	Passive Items	1	25.00	25.00	
		40	Network Management Appliance	1	75.00	75.00	1,047.40
4	Cardiology	41	Ventilator	1	30.00	30.00	
		42	IVUS- NIRS	1	140.00	140.00	
		43	Defibrillator	2	6.00	12.00	
		44	ECG Machine	2	2.00	4.00	
		45	Bipap Machine	2	4.00	8.00	194.00
5	CCM	46	ECG Machine	2	2.00	4.00	
		47	Pupilometer	1	8.00	8.00	
		48	Portable pedestal lights (high quality) dual dome	1	6.00	6.00	
		49	Syringe Infusion Pumps	100	1.00	100.00	
		50	Enteral feeding pump	5	1.00	5.00	
		51	Volumetric infusion pump	5	1.00	5.00	
		52	LED X Ray View box (02 images)	1	0.20	0.20	
		53	LED X Ray View box (04 images)	1	0.40	0.40	
		54	Autoclave	1	3.00	3.00	
		55	Multiparameter (7 channel) ICU Monitor	10	10.00	100.00	
		56	High End ICU ventilator	10	30.00	300.00	

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		57	Motorized and electronically controlled ICU Beds with inbuilt weighing system	7	7.00	49.00	
		58	Targeted Temperature Management System	1	40.00	40.00	
		59	Near Infrared Spectroscopy	1	20.00	20.00	640.60
6	Clinical Immunology	60	Computer system for Bioinformatics	1	10.00	10.00	
		61	Vertical -20 C Freezer	2	4.00	8.00	
		62	Western Blot Apparatus with Power Pack	2	3.50	7.00	
		63	Volumetric Pumps	10	1.00	10.00	35.00
7	CSSD (FOR EMERGENCY MEDICINE)	64	Plasma Steam Sterilizer	1	90.00	90.00	
	For CSSD of Main Hospital	65	Fully Automatic Single Door ETO Sterilizer (220 ltrs.)	1	50.00	50.00	
		66	Heavy Duty, Rotary Heat Sealer	6	5.00	30.00	
		67	Perforated Plastic Crates, Heavy Duty & use for Steam Sterilizer at 121 deg C to 134 deg C	100	0.04	4.00	174.00
8	CVTS	68	IABP Machine	2	50.00	100.00	
		69	Monitors with central monitoring	10	10.00	100.00	
		70	Pacing boxes with external leads	10	5.00	50.00	
		71	Transport monitor	2	5.00	10.00	
		72	Bipap	3	1.00	3.00	
		73	Transport Ventilator with 100% FIO2	2	10.00	20.00	
		74	Infusion Pumps	50	1.00	50.00	
		75	Incubator	2	2.00	4.00	
		76	Table Top Sterilizer	2	10.00	20.00	
		77	Plasma Serilizer	1	90.00	90.00	
		78	General CVTS instruments set	1	100.00	100.00	
		79	Portable digital X-Ray machine for OT and ICU	1	80.00	80.00	
		80	Advanced surgical diathermy machine for cardiothoracic surgery	1	15.00	15.00	
		81	Head lights with one set of Head light camera system	1	25.00	25.00	
		82	Sternum Saw set with battery and charger	1	60.00	60.00	727.00
9	Emergency Medicine	83	Audio Visual Facility for activation of Seminar Hall	1	200.00	200.00	
		84	Digital Charting Solution for 20 bed Acute Care Unit (ACU)	1	1100.00	1100.00	1300.00
10	Endocrine Surgery	85	Intra-operative Neuromonitoring system	1	65.00	65.00	
		86	Scalp Cooling System	1	80.00	80.00	
		87	Teaching Smart Board 86"	2	5.00	10.00	
		88	Open Surgical Instruments (2 SETS)	2	30.00	60.00	
		89	Hand held portable Doppler device	2	1.50	3.00	
		90	Intraoperative Laparoscopic ultrasonography system	1	150.00	150.00	
		91	Heated cabinet for intravenous (IV) Fluids	1	4.85	4.85	372.85
	Endocrine Surgery (Diabetic Foot Unit)	92	Foot Pressure measurement (Pedograph)	1	15.00	15.00	
		93	Fully Automatic Total Vascular Testing system for ankle brachial index and toe	1	15.00	15.00	
		94	TC PO2 Machine	1	30.00	30.00	
		95	Ultrasound wound debridement	1	75.00	75.00	
		96	Vibration perception threshold	1	0.75	0.75	
		97	Hand held Doppler	4	1.50	6.00	

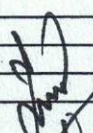
		98	Hot and Cold sensitometer	1	0.75	0.75	
		99	Podiatry Kit	1	1.00	1.00	
		100	Cardiac Autonomy Neuropathy Machine	1	10.00	10.00	
		101	Table-Top Autoclave	2	6.00	12.00	165.50
11	Endocrinology	102	Multiwell Gamma Counter	1	60.00	60.00	
		103	Water Bath	1	3.00	3.00	63.00
12	Gastroenterology	104	Modular Endoscopy Theatre	1	1,500.00	1,500.00	1,500.00
13	General Hospital	105	Infusion Pump	10	1.00	10.00	
		106	Defibrillator with AED	1	6.00	6.00	
		107	Ventilator	1	30.00	30.00	
		108	Video laryngoscope	1	2.50	2.50	
		109	Patient ICU Bed (with full motorized)	2	4.00	8.00	
		110	OT Table with all Its Accessories	1	80.00	80.00	
		111	Surgical Diode Laser -1940	1	40.00	40.00	
		112	Open Surgical Instrument	1 set	8.00	8.00	184.50
14	Hematology	113	Qubit Fluorometric Quantification	1	5.00	5.00	
		114	Antigen Retrieval System	1	4.00	4.00	
		115	Gel Documentation System	1	8.00	8.00	
		116	Electrospinning Unit	1	10.00	10.00	
		117	CO2 Incubator	2	10.00	20.00	
		118	Refrigerated Micro Centrifuge	2	4.00	8.00	
		119	Ice Flaking Machine	1	10.00	10.00	
		120	Hot Air Oven	1	6.00	6.00	
		121	Cryotome	1	30.00	30.00	
		122	BI-PAP Machine	2	2.00	4.00	
		123	Cardiac Transport Monitor	2	4.00	8.00	
		124	Vacuum Dry Oven	1	5.00	5.00	118.00
15	Hepatology	125	Integrated ELISA reader plus Washer	1	32.00	32.00	
		126	Chemi Doc Imaging Systems	1	25.00	25.00	
		127	UGI Endoscope	1	20.00	20.00	
		128	Metabolic Analyzer	1	55.00	55.00	
		129	Critical Flicker Frequency Machine	1	8.00	8.00	
		130	POCT for quantitative HBV DNA and HCV RNA	1	18.00	18.00	
		131	CO2 Insufflator and Endoscope flushing pump	2	12.00	24.00	
		132	Portable Monitor	2	2.50	5.00	
		133	Wall Mounted Monitor with arterial BP Monitoring	4	3.00	12.00	
		134	Wall mounted Monitor with invasive arterial BP Monitoring	1	4.00	4.00	
		135	Syringe Infusion Pump with 6 stacking rack	12	1.00	12.00	
		136	Bed side partition screen	4	0.10	0.40	
		137	OT instrument trolley	2	1.00	2.00	217.40
16	Head & Neck surgery	138	Operating Microscope	1	200.00	200.00	
		139	Cautery machine	2	15.00	30.00	230.00
17	Hospital Administration	140	Rotary Kiln 300 kg/hour incinerator Plant	1	300.00	300.00	300.00
18	M & RH	141	Examination Couch	2	2.00	4.00	
		142	ECG Machine	1	2.00	2.00	
		143	Beds 3 Function	10	1.50	15.00	
		144	OT Table	1	75.00	75.00	96.00
19	Medical Genetics	145	CO2 Incubator	2	15.00	30.00	
		146	PCR Machine	2	9.00	18.00	48.00
20	Microbiology	147	Binocular Microscope	5	6.00	30.00	
		148	Digital Autoclave	1	10.00	10.00	


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		149	Horizontal Autoclave	1	15.00	15.00	
		150	BOD Incubator	2	5.50	11.00	
		151	Refrigerated Centrifuge	1	11.00	11.00	
		152	Lab Refrigerator	3	1.50	4.50	
		153	Air Sampler	1	5.00	5.00	
		154	Stereo Microscope	1	6.00	6.00	
		155	Deep Freezer -20 deg C	1	6.00	6.00	
		156	Deep Freezer -80 deg C	1	16.50	16.50	
		157	Elisa Washer	1	6.00	6.00	
		158	Elisa Reader	1	7.00	7.00	128.00
21	Molecular Medicine & biotechnology	159	Biosafety cabinet Class II A2 Type	1	7.50	7.50	
		160	Direct Head (Air jacketed) CO2 incubator	1	10.00	10.00	
		161	Class B Autoclave	1	17.00	17.00	
		162	High Capacity Benchtop Refrigerated Centrifuge	1	42.00	42.00	
		163	Electrophoresis unit, Western Blot, Midi	1	5.00	5.00	
		164	AKTA Pure Chromotography system	1	100.00	100.00	181.50
22	Nephrology	165	Basic Hemodialysis Machine	3	10.00	30.00	
		166	CRRT Machine	1	25.00	25.00	
		167	Dialysis R.O. Plant 1000 Litres	1	150.00	150.00	
		168	Portable USG Machine	1	30.00	30.00	
		169	Automated CAPD Machine	1	8.50	8.50	
		170	Multimodal plate reader (Transplant)	1	25.00	25.00	
		171	Nano drop	1	8.00	8.00	
		172	Lead Apron set	5	1.00	5.00	
		173	Ultrasound probe (HSL25X)	1	4.00	4.00	
		174	Plasma Thawing Machine	2	2.00	4.00	
		175	Multi para monitor	10	5.00	50.00	
		176	Double door fridge 350 L	3	0.50	1.50	
		177	Surgical instruments (Steel tray, sponge holder, artery forceps small, non tooth forceps, tooth forceps, needle holder, scissors, kidney tray, bowel, cidex tray medicine)		10.00	10.00	351.00
23	Neurosurgery	178	High Speed Drill for Neuro and Spine Surgeries Pneumatic	1	80.00	80.00	
		179	High Speed Drill for Neuro and Spine Surgeries Electric	1	75.00	75.00	
		180	Nerve monitoring system for neuro-otological procedures	1	55.00	55.00	
		181	Head Holder C-Box	2	1.50	3.00	
		182	Transcranial Doppler for neurosurgical critical care	1	50.00	50.00	
		183	Modular UPS 80 KVA for Neurosurgery OT	1	40.00	40.00	
		184	Robotic Digital Surgical Microscope for Neuro Otology Procedures	1	750.00	750.00	
		185	STAPES Drill System for Neuro-otology	1	20.00	20.00	
		186	Microsurgical Instruments	1	50.00	50.00	1,123.00
24	Nuclear Medicine	187	160 KVA UPS System	1	30.00	30.00	
		188	Radiation Monitoring system for cyclotron facility	1	300.00	300.00	330.00
25	Ophthalmology	189	Slit Lamp	2	25.00	50.00	
		190	Non-Contact Tonometer	1	4.00	4.00	
		191	Wide field fundus camera with FFA	1	100.00	100.00	154.00
	Ophthalmology (For Advance Diabetic)	192	Slit Lamp	1	25.00	25.00	
		193	Visual Field Analyzer	1	65.00	65.00	90.00

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26	Pathology	194	Benchtop cytocentrifuge (Cytology for thin layer cell preparation)	1	12.00	12.00	190.20
		195	Automatic cytology slide stainer	1	18.00	18.00	
		196	Bone Cutter	1	18.00	18.00	
		197	Bone issue decalcification & fixation system	1	20.00	20.00	
		198	Immuno Fluoroscnce Microscope	1	40.00	40.00	
		199	Vortex	1	0.20	0.20	
		200	Micro Centrifuge	1	2.00	2.00	
		201	Capillary Electrophoresis	1	80.00	80.00	
27	Plastic Surgery	202	Power Driven hand drill	1	50.00	50.00	236.00
		203	Microsurgery instrument with coupler device	1	50.00	50.00	
		204	Hand held Doppler	1	2.00	2.00	
		205	Skin Graft Mesher	1	12.00	12.00	
		206	Humby skin grafting knife	1	2.00	2.00	
		207	Regular hand surgery set	1	20.00	20.00	
		208	Piezosurgery Device set	1	50.00	50.00	
		209	Endoscopic Carpal tunnel release set	1	50.00	50.00	
28	Pulmonary Medicine	210	High End Smart Mechanical ventilator	2	35.00	70.00	345.00
		211	Cryo Workstation	1	125.00	125.00	
		212	Polysomnography Equipment	1	35.00	35.00	
		213	EBUS System	1	115.00	115.00	
29	Radiotherapy	214	Brachytherapy HDR equipment	1	1,050.00	1,050.00	1,050.00
30	Surgical Gastroenterology	215	Multi-para monitors wall mounted	4	10.00	40.00	500.00
		216	Portable Monitor	2	10.00	20.00	
		217	Thompson-like retractor system	2	50.00	100.00	
		218	Bipolar vessel sealing system	2	30.00	60.00	
		219	Ultrasonic scalpel	2	20.00	40.00	
		220	Nathanson Retractor set	2	5.00	10.00	
		221	Lithotomy Stirrups with lift assist and advanced boot system	2	12.00	24.00	
		222	Operating head lights	2	5.00	10.00	
		223	Patient warming system	2	3.00	6.00	
		224	Ultrasonic Surgical Aspirator for complex liver surgeries	1	150.00	150.00	
		225	Patient transfer boards	10	1.00	10.00	
		226	Defibrillator with accessories	4	6.00	24.00	
227	ECG Machines	3	2.00	6.00			
31	Transfusion Medicine	228	Phase contract microscope with digital imaging syste	1	7.00	7.00	94.00
		229	Blood bag disinfection system	1	8.00	8.00	
		230	Laboratory centrifuge bench top (96 tubes)	1	7.00	7.00	
		231	Laboratory centrifuge bench top (16 tubes)	4	1.00	4.00	
		232	Hematology Analyzer counter 6 part differential	1	6.00	6.00	
		233	Refrigerated portable blood transportation box	6	2.00	12.00	
		234	Fully Automated Blood Pressure Monitor	4	1.50	6.00	
		235	Sterilization oven	2	2.50	5.00	
		236	Microplate centrifuge	1	5.00	5.00	
		237	Platelet agitator & incubator	2	5.00	10.00	
		238	Binocular Microscope	2	2.00	4.00	
		239	Analytical grade pH METER	2	1.50	3.00	
		240	Cool table	2	7.50	15.00	
		241	Blood transportaion boxes (passive Large 100 bags capacity)	2	1.00	2.00	
		32	Urology	242	Portable Ultrasound	1	
243	Bladder Scanner			1	16.00	16.00	
244	Vein Scanner			2	0.50	1.00	


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		245	Uroflowmetry	2	9.00	18.00	
		246	Open Surgery Instruments (1 set)	1	75.00	75.00	
		247	Wall Mount Monitors	4	4.00	16.00	
		248	Defibrillator	2	6.00	12.00	
		249	OT light with inbuilt camera	1	40.00	40.00	
		250	Pediatri ECG Machine	2	2.00	4.00	
		251	Plasma Thawing Machine	2	2.00	4.00	
		252	Nanodrop	1	17.00	17.00	
		253	Gradient PCR Machine	1	7.00	7.00	235.00
33	Infectious Disease	254	Point of care ultrasound	1	25.00	25.00	
		255	Volumetric Infusion Pump	10	1.00	10.00	
		256	DVT Pump	10	1.00	10.00	45.00
34	Neonatology	257	Open care system	5	18.00	90.00	
		258	Neonatal Incubator	2	30.00	60.00	
		259	Neonatal Ventilator with high frequency mode	4	50.00	200.00	
		260	Multipara Monitor with central monitoring system	10	12.00	120.00	
		261	Non-invasive positive pressure ventilation machine	3	12.00	36.00	
		262	Neonatal Bronchoscope	1	30.00	30.00	
		263	Ultrasound Machine	1	80.00	80.00	
		264	UPS	3	8.00	24.00	
		265	Near infrared spectroscopy machine	1	20.00	20.00	
		266	Humidifier	15	2.00	30.00	
		267	Blender	2	2.00	4.00	
		268	Defibrillator	1	10.00	10.00	
		269	Paediatric/Neonatal ECG machine	1	5.00	5.00	
		270	Purpose built vaccine refrigerator	1	3.00	3.00	
		271	Infusion pumps	70	1.00	70.00	
		272	Phototherapy double surface LED with flux meter	5	5.00	25.00	
		273	Fibreoptic Phototherapy	3	5.00	15.00	
		274	Weighing machine-Infant	2	1.00	2.00	
		275	Weighing machine-Mini	2	0.50	1.00	
		276	Vein finder	6	6.00	36.00	
		277	Table-top Autoclave machine	5	5.00	25.00	
		278	Neonatal trans illuminator	2	2.00	4.00	
		279	Neonatal Video laryngoscope with straight blade	5	5.00	25.00	
		280	Oxygen Analyzer (FiO2 Meter)	1	1.00	1.00	
		281	Low fidelity normal newborn manikin	1	15.00	15.00	
		282	Neonatal Intubation trainer	2	2.00	4.00	
		283	Surgical Hand Wash (Scrub) sink	1	1.00	1.00	936.00
35	Other Capital Items	284	Desktop Computer	300	1.00	300.00	
		285	Printer	100	0.35	35.00	
		286	Bar Code Printer	20	0.20	4.00	
		287	Furniture and fixtures for Hostel and other Areas, Misc. Items, Emergent Equipments, etc and adjustment of Shortfall in equipments,				434.30
							773.30
36	Hospital Services	288	PTS for Advance Pediatric Centre, Advance Diabetic Centre & Newly expanded aread		1,500.00	1,500.00	1,500.00
Total amount in Rs.						16,470.00	16,470.00
GRAND TOTAL (PART A+ PART B + PART C)							50,000.00
(RS. FIVE HUNDRED CRORE ONLY)							


Prakash Singh
 Joint Director (M.M.)
 S.G.P.G.I.M.S., Lucknow

List of Medical Equipment and supportive Items for Apex Trauma Centre for Financial Year 2026-27

Sr. No.	Name of the Department	Sl. No.	Name of Item / Equipment with justification	Qty.	Unit Cost Rs. In Lakhs	Total Cost (Rs. In lakhs)	Total Cost (Rs. In lakhs)
1	Anaesthesia (For establishment of 20 bedded ICU at ATC)	1	ICU Ventilator	18	35.00	630.00	1500.00
		2	ICU Beds (2A)	20	7.00	140.00	
		3	ICU Beds 1A	4	7.00	28.00	
		4	Transport Ventilator	1	10.00	10.00	
		5	Multipara Monitor with CNS	16	12.00	192.00	
		6	Transport Monitor	1	8.00	8.00	
		7	Syringe pumps	80	1.00	80.00	
		8	Volumetric pumps	20	1.00	20.00	
		9	Feeding Pumps	20	1.00	20.00	
		10	DVT Pump	10	2.50	25.00	
		11	HFCWO Device	1	11.00	11.00	
		12	Patient Warmer	5	2.00	10.00	
		13	Bed side suction unit	2	0.50	1.00	
		14	Defibrillator	2	6.00	12.00	
		15	TCI Pump	5	4.00	20.00	
		16	12 Lead ECG machine	2	2.00	4.00	
		17	HFNC Machine	5	6.00	30.00	
		18	USG Machine	1	40.00	40.00	
		19	Hot line	5	3.00	15.00	
		20	Fluid warmer cabinet	1	4.00	4.00	
				21	Misc. Items including emergent equipments and adjustment of shortfall in equipments for establishment of 20 bedded ICU at Apex Trauma Centre		
2	Neurosurgery	22	Neurosurgical instruments (01 Set)	1	100.00	100.00	700.00
		23	3D C-Arm System	1	550.00	550.00	
		24	Drill system for emergency OT	1	50.00	50.00	
3	Orthopedic	25	Orthopedic OT Table	1	250.00	250.00	280.00
		26	Small bones set	1	30.00	30.00	
4	Common Pool	27	Plazma Sterilizer	1	100.00	100.00	1445.00
		28	Pulsatile Kidney Transporter (Renal Transplant)	1	25.00	25.00	
		29	Mobile CT Scanner	1	1,200.00	1200.00	
		30	Digital Mobile X-ray Unit	1	120.00	120.00	
5	CSSD	31	EO Gas Sterilizer (Capacity 250 to 300 Ltr.)	1	60.00	60.00	60.00
6	Radiology		DIAGNOSTIC INFRASTRUCTURE				
		32	Dynamic digital radiography system: AI enabled	1	550.00	550.00	
		33	Mobile digital radiography (for ward, bedside, ICU Post, OP)	1	100.00	100.00	
		34	High end AI enabled USG with 4D probes, color doppler, shear wave elastography, fusion & navigation, Biopsy Guides	1	150.00	150.00	
			INTERVENTIONAL SERVICES				0.00
		35	Intra Vascular Ultrasound system	1	150.00	150.00	
		36	Rotational artherectomy (Boston Scientific/ Bard)	1	100.00	100.00	
		37	Orbital artherectomy for calcified lesions (Abott)	1	50.00	50.00	
		38	Directional Artherectomy device (medtronic)	1	50.00	50.00	
		39	Mechanical thrombectomy devices	1	100.00	100.00	
		40	Pharmaco- mechanical thrombectomy system (Angiojet, Boston scientific)	1	200.00	200.00	
		41	Intravascular Lithotripsy System	1	100.00	100.00	
		42	Irreversible Electroporation system	1	375.00	375.00	
		43	Mid End AI enabled USG with color Doppler & shear wave elastography	3	100.00	300.00	
		44	Angio CT	1	2,500.00	2500.00	4,725.00
7	Trauma Surgery	45	Energy Vision System (EV System)	1	300.00	300.00	380.00
		46	Open Laprotomy Set	1	80.00	80.00	
8	O.M.F.S.	47	4 MHz Radiofrequency Electrosurgical Unit	1	20.00	20.00	
		48	Right Angle Screwdriver	1	12.00	12.00	

		49	Intraoral 3 D Scanner	1	30.00	30.00	
		50	Rhinoplasty instrument Set	1	20.00	20.00	
		51	Digital Occlusal Analysis System	1	20.00	20.00	
		52	Blepharoplasty instrument set	1	10.00	10.00	
		53	Minor oral surgical instrument Set	1	15.00	15.00	
		54	Surgeons Chair manual	2	7.00	14.00	
		55	Dressing Set	10	0.30	3.00	144.00
9	Lab Medicine	56	Elisa Machine	1	10.00	10.00	
		57	Elisa Reader	1	7.00	7.00	17.00
10	Microbiology	58	Augmentation of Anaerobic Laboratory Setup	1	125.00	125.00	
			2a- Anaerobic workstation	1	65.00	65.00	
			2b- HPLC System	1	60.00	60.00	
		59	8 Capillary sequencer	1	150.00	150.00	
		60	CLIA based system	1	100.00	100.00	
		61	RTPCR machine	1	35.00	35.00	535.00
11	Physical and Medical Rehabilitation	62	Advanced Electrodiagnostic System (EMG-NCV with optional Evoked Potentials)	1	40.00	40.00	40.00
12	Other Capital Items	63	Activation of Seminar Hall including Audio Visual Equipment		--	100.00	100.00
		64	Misc. items such as office / Hospital / lab furniture / computer, printer, it equipments , refrigrators, Acs, UPS, UPS for Seminaar, Office Automation equipment, projectors and any other emergency equipments etc. and adjustment of shortfal amount in equipments.		--	74.00	74.00
Total amount in Rs.						10000.00	10000.00


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