

**Hamdard Institute of Medical Sciences &
Research and Associated HAH Centenary Hospital**
Hamdard Nagar, New Delhi – 110062

Annexure-1

1. Desktop: - (Refurbished) DELL/ HP

Sr.no	Technical Specifications
1.	Operating System:- Windows 10
2.	Processor :- Intel i5 7 th Gen or Above
3.	Ram Size :- 16GB DDR4
4.	Storage :- 512 SSD
5.	USB Port :- 2.0/3.0 , HDMI Port Mandatory
6.	Monitor : Dell
7.	Connector type:- VGA, DP, HDMI
8.	Mounting type : - Desk Mount

2. Bullet/Dome Color Guard IP Camera (Orange)

Sr.no	Technical Specifications
1.	2MP Full-Color Guard Bullet Camera + Dome Camera
2.	1/3.2" 2MP PS CMOS Image Sensor
3.	Max. 2MP(1920 × 1080)@30fps
4.	Mobile Software: iCMOB, gCMOB
5.	3.6mm fixed lens
6.	Support Built-in Mic
7.	Instastream, H.265 and Smart H.264+ dual-stream encoding
8.	Mountable
9.	CMS Software: KVMS Pro

3. **NVR 32 Channel (Orange)**

Sr.no	Technical Specifications
1.	32 channel IP camera input
2.	Instastream/H.265/Smart H.264+/H.264/MJPEG
3.	Support 2 SATA HDDs up to 12TB Each, 2 USB Ports
4.	VGA/HDMI simultaneous video output, maximum resolution of HDMI is 4K
5.	AI by Camera: Face detection, perimeter protection IVS, people counting, heat map, and SMD
6.	Support Multi-brand network cameras
7.	Mobile Software: iCMOB, gCMOB
8.	Operation Interface Web/operating in local GUI
9.	Multiple screen display: 1 , 4, 8, 9, 16, 25, 32 views
10.	Network Bandwidth Access: 160 Mbps; Storage: 128 Mbps; Forward: 48 Mbps

4. **Hard Disk 10TB (WD – Purple)**

Sr. no	Technical Specifications
1.	Capacity 12TB
2.	Support for up to 64 cameras per drive
3.	AllFrame™ technology
4.	Up to 16 AI channels for Deep Learning analytics on AI-enabled NVRs (10TB & 12TB capacities)
5.	MTBF of up to 1.5 million hours
6.	3-year warranty
7.	Interface SATA 6 Gb/s and 235 Mb/s
8.	Firmware Feature : All frame Supported

5. D-Link Gigabit Smart Managed Switch 24 Port

Sr.no	Technical Specifications
1.	8, 24 or 48 x 10/100/1000BASE-T ports t) support
2.	PoE Standards PoE+ (802.3at) and 802.3af (PoE)
3.	Network cable 2 x SFP or RJ45 ports
4.	Multilingual Web UI, compact CLI, SNMPv1/v2c/v3, and a variety of management features
5.	Duplex mode Full/half-duplex for 10/100 Mbps, Full-duplex for 1000 Mbps
6.	L2 Features: MAC address table 8k entries, IGMP v1/v2 snooping, IGMP per VLAN, Loopback detection, 802.3ad link aggregation: Max. Of 8 groups/8 ports per group. LLDP supported.
7.	Quality of service (QoS), 802.1 quality of service 8 queues per port
8.	VLAN: 802.1Q, Vlan group, Max.256 static VLAN group, configurable VID from 1-4094. Support VTP all mode
9.	Security: Broadcast/Multicast/Unicast storm control, Traffic segmentation, SSH v2, TLS v1.0, Port security Support up to 64 MAC address per port
10.	Management: Web-based GUI, telnet Server, TFTP client, SNMP Trap Backup/upgrade firmware smart wizard, upload/download configuration file bootp/DHCP Client
11.	AAA 802.1x Authentication, Supports local/RADIUS database, Support port-based access control, Support MD5 authentication.
12.	Power input: 100 to 240 VAC; 50/60 Hz, Internal Universal Power Supply

6. TV (55 inch) - Samsung/ Sony/LG

Sr.no	Technical Specifications
1.	Brand: Samsung/Sony/LG
2.	Screen size 55 inch
3.	Connecting 2 HDMI port, 3 USB port and others
4.	Resolution: 4k, 3840*2160, 1920*1080 Pixels and others
5.	Built-In Speaker
6.	Wall Mount and table stand