



CENTRE FOR DEVELOPMENT OF IMAGING TECHNOLOGY (C-DIT)

Chitranjali Hills, Thiruvallam, Thiruvananthapuram-27

Phone: 0471-2380910, 912

Ref. No. C-DIT/10/SSD/CCTV-KGP/2026-27/T881

Dated 09.10.2026

COMPLIANCE STATEMENT

Compliance statement of technical specification required for the items listed below. Technical compliance of every item should be marked, and in case of any deviation, it shall be entered in the Remarks column. The bidder must furnish the make and model of the product quoted without fail.

1. 4MP IP Varifocal camera

SI No	Parameters	Specification	Compliance (Yes/No)	Deviation if any
1	Image Sensor	1/2.7" or higher 2MP PS CMOS Image Sensor		
2	Lens	2.7 -13.5 mm motorized		
3	IR	60m or better		
4	WDR	120dB		
5	Video Compression	H.265/ H.264+/H.264/ H.264B/ MJPEG or higher		
6	Interoperability standard	ONVIF		
7	Starlight Technology	Enabled		
8	Micro SD card	512 GB or higher		
9	Protection Grade	IP67		
10	Certification	STQC, BIS, CE, FCC		

11	OEM Warranty	3 Year		
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2. 16 channel NVR (160 Mbps)

SI No	Parameters	Specification	Compliance (Yes/No)	Deviation if any
1	IP Camera Input	16 channels		
2	Video Output	1-channel VGA, 1-channel HDMI simultaneous video output.		
3	Compression	H.265; H.265+; H.264+; H.264; MJPEG or higher		
4	Encode strategy	Instastream		
5	Hard Disk	2 SATA III ports, up to 10 TB for a single HDD.		
6	Resolution	12MP/8 MP/5 MP/4 MP/3MP/1080p/720p/D1/CIF/QCIF		
7	Network Bandwidth	AI disabled:160 Mbps for incoming, 160 Mbps for recording and 80Mbps for outgoing.		
8	Certification	BIS, CE, FCC, STQC		
9	Interoperability standard	ONVIF		
10	OEM Warranty	3 Year onsite OEM		
11	Preferred brand	CP PLUS		

3. Surveillance HDD 8TB

SI No.	Parameters	Specification	Compliance (Yes/No)	Deviation if any
1.	Form Factor	3.5inch		
2.	Capacity	8TB		
3.	Recording Technology	CMR		
4.	Cache (MB)	64/256 /128-256 or higher		
5.	Spindle Speed (RPM)	~5400-7200 or higher		
6.	Interface	SATA 6Gb/s		
7.	OEM Warranty	3 Year onsite		
8.	Preferred brand	WD purple/Seagate		

4-PORT POE Switch

SI No.	Parameters	Specification	Compliance (Yes/No)	Deviation if any
1.	Port	6		
2.	PoE Ports	4, 1000Mbps; RJ45 ports; Max. 30W Output of Single PoE Port		
3.	Uplink Ports	2, 1000Mbps; RJ45 ports; Transmission Distance: 0-100m		
4.	PoE Standard	IEEE802.3af, IEEE802.3at		

5.	Transmission Distance	0-100m/100 Mbps		
6.	Switch Capacity	12 Gbps Full duplex		
7.	Warranty	3Year onsite		
8.	Preferred Brand	CP Plus/Netgear/Cisco		

5. 32-inch HD Professional LED TV

SI No.	Parameters	Specification	Compliance (Yes/No)	Deviation if any
1.	Item	Professional LED TV		
2.	Size	32"		
3.	Resolution Standard	HD Ready (720p)		
4.	Inputs	HDMI x 2, RF Input x 1, USB x 1, RJ45 x 1		
5.	HDR Compatibility	HDR.HDR10 Pro/HDR HLG		
6.	HDMI Cord	1 no's of 5-meter/10-meter HDMI Cable with sufficient conduit. High Speed 10.2Gbps, CL3 Rated, Supports 4K 30Hz, Ultra HD, 3D, 1080p, (Preferred brand: Honeywell/Belkin/Aurum Cables)		
7.	No. of USB	1		
8.	No. of speakers	2		
9.	WiFi	available		

10.	Mounting accessories	With sufficient wall mounting accessories suitable for site installation		
11.	Working hours	16 ×7 or higher		
12.	BEE star rating	2 star or higher		
13.	Warranty	3 years onsite OEM		
14.	Preferred brand	Samsung/LG/Sony/Panasonic		

6. Memory Card (128 GB)

SI No.	Parameters	Specification	Compliance (Yes/No)	Deviation if any
1.	Capacity	128 GB		
2.	Card type	Micro SDXC		
3.	Read speed	70 MB/s to 100 MB/s		
4.	Write speed	Minimum 30MB/s		
5.	Warranty	3 years		
6.	Approved brand	CP Plus/Samsung/SanDisk		

PASSIVE COMPONENTS

Sl No	Items	Specification	Compliance (Yes/No)	Deviation if any
1.	3" c Class GI Pipe with 5-meter length with suitable cabin for the installation of power distribution boxes (if required)	Pole size 75mm GI pipe C class, ISI standard ,6 m height fixed in RCC 1:1.5:3 mix 45 cm*45cm*100cm depth, Mount bracket for camera fixing. Make: Tata, Apollo, JSW, Jindal		
2.	Outdoor Rack (PVC/SMC) POE box	Water, shock and dust proof, sufficient lock and PDU suitable for all accessories, storage in pole for switch, modem, media converter and UPS		
3.	4U Rack with PDU	Wall mount,7" x 19" x 24", 30 kg, Lockable door, cable management, ventilation. Make: Netrack, GTX, CP PLUS, Teltronix, Rittal		
4.	Wireless Mouse	Wireless Technology. Advanced 2.4GHz Operating Distance - 32 ft (10 m) Make: Logitech, Dell, Acer		

5.	CAT6 UTP Cable	Category: 6 UTP Solid cable LSZH Conductor: 23 AWG (Solid) Conductor Meta: Bare Copper Insulation Material: HD-PE Pairs :2 Insulated conductors twisted together Sheath: LSZH Cable Diameter: 6.1 mm nominal Certification: UL, ETL Make: Honeywell,3C3, Panduit, Simon, Systimax.		
6.	PVC Conduits	PVC outer jacket for a CAT6 UTP/STP cable can have an outer diameter of 6.2 mm (ivory/white), ISI mark Make: Espee, Balco, Precision, Trigger		
7.	Pipe Fittings	As per PWD standard		
8.	HDMI cable (5 mtrs)	5-meter HDMI Cable with sufficient conduit. High Speed 10.2Gbps, CL3 Rated, Supports 4K 30Hz, Ultra HD, 3D, 1080p Make: Honeywell, Belkin, Aurum Cables		

9.	Electrical Wiring including Conduits, Wires as PWD Standard	Using 1.5 sq mm 3 core ISI FRLS cable Make: RR Kabel, Havells, Finolex, Polycab.		
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Name of the Bidder :

Address :

Contact Number:
e-mail id :

Date

Seal

Signature of Bidder