

**बिड दस्तावेज़ / Bid Document**

बिड विवरण/Bid Details	
बिड बंद होने की तारीख/समय /Bid End Date/Time	02-03-2026 18:00:00
बिड खुलने की तारीख/समय /Bid Opening Date/Time	02-03-2026 18:30:00
बिड पेशकश वैधता (बंद होने की तारीख से)/Bid Offer Validity (From End Date)	100 (Days)
मंत्रालय/राज्य का नाम/Ministry/State Name	Kerala
विभाग का नाम/Department Name	Higher Education Department Kerala
संगठन का नाम/Organisation Name	Government College Kottayam
कार्यालय का नाम/Office Name	Government College Hostel Kottayam
कुल मात्रा/Total Quantity	1
वस्तु श्रेणी /Item Category	CAT 6 Information outlet (Q3)
उन्हीं/समान सेवा के लिए अपेक्षित विगत अनुभव के वर्ष/Years of Past Experience Required for same/similar service	2 Year (s)
एमएसएमई के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है/MSE Relaxation for Years of Experience and Turnover	No
स्टार्टअप के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है /Startup Relaxation for Years of Experience and Turnover	No
विक्रेता से मांगे गए दस्तावेज़/Document required from seller	Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,OEM Annual Turnover,Compliance of BoQ specification and supporting document *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
क्या आप निविदाकारों द्वारा अपलोड किए गए दस्तावेज़ों को निविदा में भाग लेने वाले सभी निविदाकारों को दिखाना चाहते हैं? संदर्भ मेनू है/Do you want to show documents uploaded by bidders to all bidders participated in bid?	Yes (Documents submitted as part of a clarification or representation during the tender/bid process will also be displayed to other participated bidders after log in)

बिड विवरण/Bid Details	
बिड लगाने की समय सीमा स्वतः नहीं बढ़ाने के लिए आवश्यक बिड की संख्या। / <b>Minimum number of bids required to disable automatic bid extension</b>	3
दिनों की संख्या, जिनके लिए बिड लगाने की समय-सीमा बढ़ाई जाएगी। / <b>Number of days for which Bid would be auto-extended</b>	3
ऑटो एक्सटेंशन अधिकतम कितनी बार किया जाना है। / <b>Number of Auto Extension count</b>	1
विगत प्रदर्शन / <b>Past Performance</b>	50 %
बिड से रिवर्स नीलामी सक्रिय किया/ <b>Bid to RA enabled</b>	No
बिड का प्रकार/ <b>Type of Bid</b>	Two Packet Bid
तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय / <b>Time allowed for Technical Clarifications during technical evaluation</b>	2 Days
निरीक्षण आवश्यक (सूचीबद्ध निरीक्षण प्राधिकरण /जेम के साथ पूर्व पंजीकृत एजेंसियों द्वारा)/ <b>Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)</b>	No
मूल्यांकन पद्धति/ <b>Evaluation Method</b>	Total value wise evaluation
मध्यस्थता खंड/ <b>Arbitration Clause</b>	No
सुलह खंड/ <b>Mediation Clause</b>	No

#### ईएमडी विवरण/EMD Detail

आवश्यकता/Required	No
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#### ईपीबीजी विवरण /ePBG Detail

आवश्यकता/Required	No
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बोली विभाजन लागू नहीं किया गया/ Bid splitting not applied.

#### एमएसई खरीद वरीयता/MSE Purchase Preference

एमएसई खरीद वरीयता/MSE Purchase Preference	No
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#### एमआईआई खरीद वरीयता/MII Purchase Preference

एमआईआई खरीद वरीयता/MII Purchase Preference	No
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1. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM of the product offered in the bid {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU for number of Financial years as indicated above in the bid document before the bid opening date. Copies of relevant contracts and delivery acceptance certificates like CRAC to be submitted along with bid in support of having supplied some quantity during each of the Financial year. In case of bunch bids, the category of primary product having highest value should meet this criterion.

2. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.

3. Past Performance: The Bidder or its OEM {themselves or through re-seller(s)} should have supplied same or similar Category Products for 50% of bid quantity, in at least one of the last three Financial years before the bid opening date to any Central / State Govt Organization / PSU. Copies of relevant contracts (proving supply of cumulative order quantity in any one financial year) to be submitted along with bid in support of quantity supplied in the relevant Financial year. In case of bunch bids, the category related to primary product having highest bid value should meet this criterion.

### CAT 6 Information Outlet ( 1 pieces )

#### तकनीकी विशिष्टियाँ / Technical Specifications

[\\* जेम केटेगरी विशिष्टि के अनुसार / As per GeM Category Specification](#)

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
GENERIC	<b>Type of information outlet</b>	U/UTP (Unshielded)
	<b>No. of ports (RJ 45)</b>	One port
	<b>Dust protection for Face Plate or Information Outlet</b>	No
	<b>Back Box (3x3 inches)</b>	No
	<b>Termination type</b>	Tool-less

#### Additional Specification Parameters - CAT 6 Information Outlet ( 1 pieces )

Specification Parameter Name	Bid Requirement (Allowed Values)
4MP Network IR Bullet Camera	Quantity: 17 Nos
Network Video Recorder 16 Channel	Quantity: 1 No
Network Video Recorder 8 Channel	Quantity: 2 Nos

Specification Parameter Name	Bid Requirement (Allowed Values)
CCTV Cable and Installation (CAT-6 Cabling and Labour Charge all installation charges)	1790 Meters
Bidders must review the additional specifications and requirements included in the buyer-added, bid-specific ATC.	The quoted price must cover all the items mentioned in the buyer-added bid-specific ATC.

\* Bidders offering must also comply with the additional specification parameters mentioned above.

#### परिषिती/रिपोर्टिंग अधिकारी तथा मात्रा/Consignees/Reporting Officer and Quantity

क्र.सं./S.No.	परिषिती/रिपोर्टिंग अधिकारी /Consignee Reporting/Officer	पता/Address	मात्रा /Quantity	डिलीवरी के दिन/Delivery Days
1	Anish A U	686013,Kottayam Government College Hostel Nattakom P.O Kottayam	1	15

#### क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें/Buyer Added Bid Specific Terms and Conditions

##### 1. Generic

OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity up to 25% of the contracted quantity during the currency of the contract at the contracted rates. The delivery period of quantity shall commence from the last date of original delivery order and in cases where option clause is exercised during the extended delivery period the additional time shall commence from the last date of extended delivery period. The additional delivery time shall be  $(\text{Increased quantity} \div \text{Original quantity}) \times \text{Original delivery period (in days)}$ , subject to minimum of 30 days. If the original delivery period is less than 30 days, the additional time equals the original delivery period. The Purchaser may extend this calculated delivery duration up to the original delivery period while exercising the option clause. Bidders must comply with these terms.

##### 2. Generic

Bidders are advised to check applicable GST on their own before quoting. Buyer will not take any responsibility in this regards. GST reimbursement will be as per actuals or as per applicable rates (whichever is lower), subject to the maximum of quoted GST %.

##### 3. Scope of Supply

Scope of supply (Bid price to include all cost components) : Supply Installation Testing and Commissioning of Goods

##### 4. Generic

**Bidder financial standing:** The bidder should not be under liquidation, court receivership or similar proceedings, should not be bankrupt. Bidder to upload undertaking to this effect with bid.

##### 5. Generic

**Manufacturer Authorization:**Wherever Authorised Distributors/service providers are submitting the

bid, Authorisation Form /Certificate with OEM/Original Service Provider details such as name, designation, address, e-mail Id and Phone No. required to be furnished along with the bid

#### 6. **Service & Support**

Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.

#### 7. **Service & Support**

Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.

#### 8. **Warranty**

Warranty period of the supplied products shall be as given in specifications from the date of final acceptance of goods or after completion of installation, commissioning & testing of goods (if included in the scope of supply), at consignee location. OEM Warranty certificates must be submitted by Successful Bidder at the time of delivery of Goods. The seller should guarantee the rectification of goods in case of any break down during the guarantee period. Seller should have well established Installation, Commissioning, Training, Troubleshooting and Maintenance Service group in INDIA for attending the after sales service. Details of Service Centres near consignee destinations are to be uploaded along with the bid.

#### 9. **Generic**

Data Sheet of the product(s) offered in the bid, are to be uploaded along with the bid documents. Buyers can match and verify the Data Sheet with the product specifications offered. In case of any unexplained mismatch of technical parameters, the bid is liable for rejection.

#### 10. **Generic**

Installation, Commissioning, Testing, Configuration, Training (if any - which ever is applicable as per scope of supply) is to be carried out by OEM / OEM Certified resource or OEM authorised Reseller.

#### 11. **Buyer Added Bid Specific ATC**

Buyer Added text based ATC clauses

### **TECHNICAL BID SPECIFICATIONS**

#### **1. 4MP Network IR Bullet Camera Quantity-17 Nos.**

<b>Feature</b>	<b>Specification</b>
Image Sensor	1/2.9" 4MP PS CMOS Image Sensor (0.8758 centimeters)
Effective Pixels	2688 (H) × 1520 (V)
Minimum Illumination	0.06 lux@F1.6 (Color, 30 IRE), 0.006 lux@F1.6 (B/W, 30 IRE), 0 lux (IR on)
Angle Adjustment	Pan: 0°-360°, Tilt: 0°-90°, Rotation: 0°-360°
Shutter Speed	Auto/Manual 1/3 s-1/100,000 s
White Balance	Auto, Natural, Street lamp, Outdoor, Manual, Regional custom
RAM	128 MB
ROM	128 MB
DORI Distance	Lens 3.6 mm: 85.4 m (Detect), 34.2 m (Observe), 17.1 m (Recognize), 8.5 m (Identify)

Gain Control(AGC)	Auto/ Manual
Lens Type	Fixed-focal
Max. Aperture	F1.6
Lens Mount	M12
Close Focus Distance	1.7 m
Lens	3.6mm fixed Lens
IR Number	1 (Multi-core (IR + warm) light)
IR	IR Range of 30 Mtr.
Warm Light	Warm Light Range of 30 Mtr.
Smart Illumination	Support
IR Control	Auto, Manual
S/N Ratio	≥56 dB
Angle of View	3.6 mm: H: 78°, V: 40°, D: 93°
Back Light Compensation	BLC/ HLC/ WDR(120dB)
Resolution	4MP (2688 × 1520)/ (2560 × 1440), 3MP (2304 × 1296), 2MP (1920 × 1080), 1.3MP (1280 × 960), 720p (1280 × 720), D1 (704 × 576 / 704 × 480), VGA (640 × 480), CIF (352 × 288 / 352 × 240)
Note	<i>Product casing and specifications are subject to change without prior notice</i>
Video Compression	Instastream, H.265, H.264, H.264H, H.264B, MJPEG (Only supported by sub stream)
Audio	Built-in Mic
Noise Reduction	3D NR
Motion Detection	OFF/ON (4 areas, rectangular)
Video Format	PAL/NTSC
Stream Capability	Triple stream
Frame Rate	Main stream: 4MP (2688 × 1520)@1-25/30fps/ (2560 × 1440)@1-25/30
Sub Stream 1	720P( 1280 × 720), D1 (704 × 576)@1-25 fps/ (704 × 480)@1-30 fps, VGA(640 × 480)@1-30fps, CIF (352 × 240)@1-30fps, (352 × 288) @1-25fps
Sub Stream 2	D1 (704 × 576)@1-25 fps/ (704 × 480)@1-30 fps, VGA(640 × 480)@1-30fps, CIF (352 × 240)@1-30fps/ (352 × 288) @1-25fps
Privacy Mask	4 areas
ROI	Support (4 areas)
OSD	Camera title, Date & Time
Audio Compression	G.711a, G.711Mu, PCM, G.726, AAC
Bit Rate Control	CBR/ VBR
Bit Rate	H.265: 3 kbps-6144 kbps, H.264: 8 kbps-6144 kbps

Protocol	SFTP, IPv6, IPv4, DNS, RTCP, NTP, RTP, HTTP, HTTPS, SNMP V3, TLS Version 1.2, TCP/IP, PPPoE, NFS, UDP, ICMP, IGMP, SSL, DHCP, SMTP, RTSPS, ONVIF (Profile S, Profile G, Profile T), unicast, multicast
Day/Night	Auto(ICR)/Color/B/W
SDK and API	Support
Ethernet	RJ-45 (10/100 Base-T)
Alarm Event	Network disconnection, IP conflict, illegal access, Motion detection, Video tampering, Audio detection, Security exception, SMD (human & Motor Vehicle)
Cyber Security	AES 256-bit Encryption, Configuration encryption, trusted execution, Digest, security logs, WSSE, account lockout, syslog, video encryption, IP/MAC filtering, HTTPS, trusted upgrade, trusted boot
SMD	Support the classification and accurate detection of human and vehicle
Mirror Function	Support
Smart Search	Work together with Smart NVR to perform refine intelligent search, event extraction and merging to event videos
Smart IR	Support
Image Rotation	4MP only support 0°/180°
Image Rotation (Others)	2MP & lower will support 0°/90°/180°/270°
User/Host	6 (Total bandwidth: 36 M)
Browser	IE, Chrome, Firefox
Iris Control	Fixed
Certificates	ISO 9001: 2015, ISO 20000-1 : 2018, CE, FCC and RoHS, BIS, STQC approved compliance report
Power Source	12 VDC/ PoE (802.3af)
Power Consumption	Basic: 1.6 W (12 VDC), 2.0 W (PoE);
Power Consumption (Max.)	Max. : 3.7 W (12 VDC), 4.7 W (PoE) (H.265 + intelligence on + WDR+ warm light intensity)
Weatherproof Standard	IP67
Operating Temperature	-40 °C to +60 °C (-40 °F to +140 °F)
Operating Humidity	≤95%(RH), non-condensing
Storage Temperature	-40 °C to +60 °C (-40 °F to +140 °F)
Storage Humidity	≤95%(RH), non-condensing
Dimension	162.6 mm × 70 mm × 70 mm
Casing	Metal + Plastic
Weight	220g
Warranty	2 years or higher

## 2. Network Video Recorder 16 Channel

**Quantity: 1 No.**

Processor	Industrial-grade embedded processor
Operating System	Embedded LINUX

IP Camera Input	16 channel
User Interface	Web; local GUI
Video Output	1-ch VGA output and 1-ch HDMI output; simultaneous/heterogeneous video sources output for VGA and HDMI is configurable
Resolution	12MP; 8MP; 5MP; 4MP; 3MP; 2MP; 720P; D1
Video Compression	Instastream/H.265+/Smart H.264+/H.264/MJPEG
Video Display Split	1st Screen: 1/4/8/9/16 ; 2nd Screen: 1/4/8/9
Audio Compression	PCM; G.711A; G.711U; G.726
Decoding Capability	AI off: 1 channel × 16MP@20fps; 1 channel × 12MP@20fps; 2 channels × 8MP@30fps; 4 channels × 5MP@30fps; 5 channels × 4MP@30fps; 10 channels × 1080p@30fps AI on: 1 channel × 16MP@20fps; 1 channel × 12MP@20fps; 2 channels × 8MP@30fps; 3 channel × 5MP@30fps; 4 channels × 4MP@30fps ; 8 channels × 1080p@30fps
Audio Output	1 channel
Audio Input	1 channel
Alarm Input	6 Channel
Alarm Output	6 Channel
Camera Blank	Supports
Motion Detection	Supports
Video Loss	Supports
Alarm Linkage	Record; snapshot; IPC external alarm output; audio; buzzer; log; preset; email
Smart Phone	iPhone, iPad, Android Phone
Anomaly Alarm	Camera disconnection; storage error; disk full; IP conflict; MAC conflict; login locked; and cybersecurity exception
Hard Disk	4 SATA ports, up to 8 TB. The maximum HDD capacity varies with environment temperature
Recording Mode	Manual; schedule (general; MD; alarm; MD & alarm; intelligent)
Backup Mode	USB device
Playback	Play, pause, stop, fast forward, fast backward, rewind, play by frame, Full screen, backup (cut/file), partially enlarge, audio on/off
Ethernet	2 RJ-45 10/100/1000 Mbps self-adaptive Ethernet ports
Interface Ports	1 front USB 2.0 port, 1 rear USB 3.0 port , 1 RS485, 1 RS232
Protocols	HTTP; HTTPS; TCP/IP; IPv4/IPv6; UPnP; SNMP; RTSP; UDP; SMTP; NTP; DHCP; DNS; IP Filter; PPPoE; DDNS; FTP; Alarm Server, IP Search; P2P; auto register; ONVIF (profile T/S/G); CGI; SDK
Power Supply	Single, 100 V-240 V AC, 50 Hz-60 Hz
Power Consumption	Total output of NVR is ≤ 8 W (without HDD)
Working Temp	-10 °C to +50 °C (+10 °F to +131 °F)
Working Humidity	10%-93%
Storage Temperature	0 °C to +30 °C (32 °F to 104 °F)
Storage Humidity	30%-85%
Operating Altitude	3000 m
Dimension	440.0 mm × 415.6 mm × 76.0 mm (W × L × H)
Weight	4.25 kg
Warranty	2 years or higher

### 3. Network Video Recorder 8 Channel

Quantity: 2 Nos.

Feature	Specification
Processor	Quad-core embedded processor
IP Camera Input	8 channel
Operating System	Embedded LINUX
Two-way Talk	1 Channel Input, 1 Channel Output, RCA
User Interface	GUI
Video Output	1 HDMI, 1 VGA
Compression	Instastream/H.265/Smart H.264+/H.264/MJPEG
Decoding Capability	4-ch@8MP(30fps), 16-ch@1080P(30fps)
OSD	Camera title, Time, Camera lock, Motion detection, Recording
Video Resolution	HDMI: 3840 × 2160 , 1920 × 1080 , 1280 × 1024, 1280 × 720 , 1024 × 768 VGA: 1920 × 1080 , 1280 × 1024, 1280 × 720 , 1024 × 768
Video Recording	Max 320Mbps
Video Display Split	1/4/8/9
Motion Detection	MD Zones: 396(22×18).
Video Loss	Supports

Camera Blank	Supports
Alarm Input	4 channel
Alarm Output	2 channel
Hard Disk	2 SATA III Ports, up to 10TB Each
Smart Phone	iPhone, iPad, Android Phone
Trigger Events	Recording, PTZ, Tour, Alarm, Video Push, Email, FTP, Snapshot, Buzzer & Screen tips
Recording Mode	Manual; schedule (general; MD; alarm; MD & alarm; intelligent; POS)
Search Mode	Time /Date, Alarm, MD and Exact Search (accurate to second)
Bit Rate	16Kbps ~ 20Mbps Per Channel
Sync Playback	1/4/9
Note	<i>Product casing and specifications are subject to change without prior notice</i>
Playback	Play, Pause, Stop, Rewind, Fast play, Slow play, Next file, Previous file, Next camera, Previous camera, Full screen, Repeat, Shuffle, Backup selection, Digital zoom
Backup Mode	USB Device/Network
Interface Ports	2 USB Ports (1 Rear USB 3.0 , 1 Front USB 2.0 ), 1 RS232, 1 RS485
Max User Account	128 users
Record Interval	1~120 min (default: 60 min), Pre-record: 1~30 sec, Post-record: 10~300 sec
Ethernet	1 RJ-45 Port (10/100/1000Mbps)
Protocols	HTTP, HTTPS, TCP/IP, IPv4/IPv6, UPnP, SNMP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, IP Search, ONVIF 2.4, SDK, CGI
Power Supply	Single, DC12V/4A
Power Consumption	<9.5W (Without HDD)
Fan	Smart fan, automatically adjust running speed
Working Temp	-10 ~+55°C / 10~90%RH / 86~106kpa
Dimensions	375mm x 281.5mm x 56mm
Weight	1.6kg (without HDD)
Warranty	2 years or higher

#### 4. PoE Switch 16 Port Quantity: 1 No.

Uplink Ports	2 Uplink Port, 1000Mbps RJ45 ports & 2 Gigabit SFP ports
Switch Capacity	40Gbps Full duplex
Packet Forwarding Rate	29.76Mpps
Port	20
PoE Ports	16, 10/100/1000Mbps; RJ45 ports; Max. 30W Output of Single PoE Port
Transmission Distance	0-100m/1000Mbps or Port 9-16 Max. 250m/10Mbps via Cat.5e or more under Extend mode
MAC Address List	8K
PoE Feature	All ports support MDI/MDIX
PoE Standard	IEEE802.3af, IEEE802.3at
Packet Buffer	3Mb
Watchdog	Support
Surge Protection	Common mode/RJ45 port: 4KV Differential mode/RJ45 port: 2KV Common mode/Power board: 4KV Differential mode/Power board: 2KV
ESD Protection	Air discharge: 8KV, Contact discharge: 6KV
PWR (Power Indicator)	Light on: Powering Light off: No Power

Operating Mode	Light off: Normal mode
1-20 Indicator (Link & Data)	Green light off: Link is disconnected, Green light on: Link is connected, Green light flash: Data Transmitting
1-16 Indicator (PoE)	Yellow light off: PoE not powering, Yellow light on: PoE powering
PoE Max Indicator	Light off: Indicates PoE power usage is less than 90%, Light flash: Indicates PoE power usage $90\% \leq P \leq 95\%$ , Light on: Indicates PoE power usage $95\% < P < 100\%$
PoE Led Button	It is used to switch whether the 1-16 indicator lights indicate the Link/Data status or the PoE status; Default indicates Link/Data status
Extend Switch	OFF: All ports can communicate with each other, the transmission rate is 10/100/1000Mbps adaptive, and the watchdog function is turned off; ON: 9-16 ports can extend the transmission distance of the network cable to Max. 250 meters, the transmission rate becomes 10Mbps, and the watchdog function is turned on;
Network protocol and Standard	IEEE802.3/802.3u/802.3ab/802.3z/802.3x
Forwarding Mode	Store-and-forward
Operating Temperature	-10°C-50°C
Operating Humidity	10%-95% , non-condensing
Storage Temperature	-40°C-70°C
PoE Power Supply	1/2(+),3/6(-)
PoE Power Budget	200W
Power Source	Built-in Power Supply, Input: 110-240V AC, 50/60Hz
Power Consumption	<5W
Dimension	320mm x207mm x 44mm
Weight	1.78kg
Warranty	2 years or higher

**5. PoE Switch 8 Port  
Quantity: 2 Nos.**

Feature	Specification
Uplink Ports	2 x 1000Mbps RJ45 ports + 2 x 1000Mbps SFP ports
Network Standard	IEEE802.3i/802.3u/802.3x/802.3af/802.3ab/ IEEE 802
Switch Capacity	24Gbps Full duplex
Packet Forwarding Rate	1.488Mpps/port
PoE Ports	8, 1000Mbps; RJ45 ports; Max. 30W Output of Single PoE Port
Network Ports	12 port
Transmission Distance	0-100m/1000Mbps or Port 7-8 Max. 250m/10Mbps via Cat.5e or more under Extend mode
MAC Address List	2k

PoE Feature	All ports support MDI/MDI
PoE Standard	IEEE802.3af, IEEE802.3at
PoE watchdog	Supported
PoE Power Supply	1/2(+),3/6(-)
PoE Power Budget	96W
Ethernet Port Light	Green light off: Link is disconnected
	Green light on: Link is connected
	Green light flash: Data Transmitting
Surge Protection	Common mode/RJ45 port: 4KV
	Differential mode/RJ45 port: 2KV
	Common mode/Power board: 2K
	Differential mode/Power board: 2KV
Forwarding Mode	Store-and-forward
Power Source	Input: 100-240V AC, 50/60Hz, Bult-in Power Supply
Operating Temperature	-10°C ~50°C
Power Consumption	<5W
Note	<i>Product casing and specifications are subject to change without prior notice</i>
LEDs Indicator	Light on: Power On
	Light off: No Power
Storage Temperature	-40°C ~70°C
ESD	Air discharge: 8KV
	Contact discharge: 6KV
Humidity	10%-95% , non-condensing
Dimensions	220 x 161 x 44 mm
Color	Black
Weight	0.95 Kg (without packaging)
Warranty	2 years or higher

#### ACCESSORIES

SI No	Items	Quantity
6	<b>Hard Disk: 6TB</b>	2 Nos.
7	<b>Hard Disk: 4TB</b>	1 No.
8	<b>Extension Box</b>	4 Nos.

9	<b>Wireless Mouse</b>	4 Nos.
10	<b>Camera PVC Box</b>	17 Nos.
11	<b>1KVA UPS Inbuilt Battery - Suitable for PoE Devices</b>	4 Nos.
12	<b>2U Wall Mount Equipment Cabinet for Networking Devices</b>	3 Nos.
13	<b>CCTV Cable and Installation</b> (CAT-6 Cabling and Labour Charge all installation charges)	1790 Meters

**14. Monitor with HDMI Cable (5m)**  
**Quantity: 3 Nos.**

Display Size	21.5"
Resolution	1920x1080
Warranty	1 year or higher

12. **Buyer Added Bid Specific ATC**

Buyer uploaded ATC document [Click here to view the file.](#)

**अस्वीकरण/Disclaimer**

The additional terms and conditions have been incorporated by the Buyer after approval of the Competent Authority in Buyer Organization, whereby Buyer organization is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any eccentricity / restriction arising in the bidding process due to these ATCs and due to modification of technical specifications and / or terms and conditions governing the bid. If any clause(s) is / are incorporated by the Buyer regarding following, the bid and resultant contracts shall be treated as null and void and such bids may be cancelled by GeM at any stage of bidding process without any notice:-

1. Definition of Class I and Class II suppliers in the bid not in line with the extant Order / Office Memorandum issued by DPIIT in this regard.
2. Seeking EMD submission from bidder(s), including via Additional Terms & Conditions, in contravention to exemption provided to such sellers under GeM GTC.
3. Publishing Custom / BOQ bids for items for which regular GeM categories are available without any Category item bunched with it.
4. Creating BoQ bid for single item.
5. Mentioning specific Brand or Make or Model or Manufacturer or Dealer name.
6. Mandating submission of documents in physical form as a pre-requisite to qualify bidders.
7. Floating / creation of work contracts as Custom Bids in Services.
8. Seeking sample with bid or approval of samples during bid evaluation process. (However, in bids for [attached categories](#), trials are allowed as per approved procurement policy of the buyer nodal Ministries)
9. Mandating foreign / international certifications even in case of existence of Indian Standards without specifying equivalent Indian Certification / standards.

10. Seeking experience from specific organization / department / institute only or from foreign / export experience.
11. Creating bid for items from irrelevant categories.
12. Incorporating any clause against the MSME policy and Preference to Make in India Policy.
13. Reference of conditions published on any external site or reference to external documents/clauses.
14. Asking for any Tender fee / Bid Participation fee / Auction fee in case of Bids / Forward Auction, as the case may be.
15. Buyer added ATC Clauses which are in contravention of clauses defined by buyer in system generated bid template as indicated above in the Bid Details section, EMD Detail, ePBG Detail and MII and MSE Purchase Preference sections of the bid, unless otherwise allowed by GeM GTC.
16. In a category based bid, adding additional items, through buyer added additional scope of work/ additional terms and conditions/or any other document. If buyer needs more items along with the main item, the same must be added through bunching category based items or by bunching custom catalogs or bunching a BoQ with the main category based item, the same must not be done through ATC or Scope of Work.

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller within 4 days of bid publication on GeM. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

**All GeM Sellers/Service Providers shall ensure full compliance with all applicable labour laws, including the provisions, rules, schemes and guidelines under the four Labour Codes i.e. the Code on Wages, 2019; the Industrial Relations Code, 2020; the Occupational Safety, Health and Working Conditions Code, 2020; and the Code on Social Security, 2020 as and when notified and brought into force by the Government of India.**

**For all provisions of the Labour Codes that are pending operationalisation through rules, schemes or notifications, the corresponding provisions of the pre-existing labour enactments (such as The Minimum Wages Act, 1948, The Payment of Wages Act, 1936, The Payment of Bonus Act, 1965, The Equal Remuneration Act, 1976, The Payment of Gratuity Act, 1972, etc. and relevant State Rules) shall continue to remain applicable.**

**The Seller/ Service Providers shall, therefore, be responsible for ensuring compliance under:**

- **All notified and enforceable provisions of the new Labour Codes as mentioned hereinabove; and**
- **All operative provisions of the erstwhile Labour Laws until their complete substitution.**

**All obligations relating to wages, social security, safety, working conditions, industrial relations etc. and any other statutory requirements shall be strictly met by the Seller/ Service Provider. Any non-compliance shall constitute a breach of the contract and shall entitle the Buyer to take appropriate action in accordance with the contract and applicable law.**

[यह बिड सामान्य शर्तों के अंतर्गत भी शासित है /This Bid is also governed by the General Terms and Conditions](#)

जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस निविदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी के पास पंजीकृत हो। बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्रवाई का आधार होगा।/In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

---धन्यवाद/Thank You---