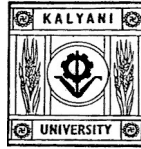


UNIVERSITY OF KALYANI



CENTRE FOR INFORMATION RESOURCE MANAGEMENT(CIRM)

NOTICE INVITING E-TENDER

Tender ID showing at <http://wbtenders.gov.in> : 2022_UOK_407372_1

Tender Ref. No.: KU/NIET/AdmB/CCTV/2022-23/01

Dated: 16/09/2022

Online E-Tender is invited for **Supply and Installation of IP Based CCTV to the Administrative Building of Kalyani University** by the eligible venders. Interested venders may follow the instructions as given below for submission of their tenders under online mode:

Technical Specification

Annexure A.1

Technical Specifications of Camera -1:

Features	Description
Image Sensor	1/2.8" 2MP Progressive Scan CMOS (0.9071 cm)
Minimum Illumination	0.002 Lux@F1.5 (Color, 30IRE) 0.0002 Lux@F1.5 (B/W, 30IRE) 0 Lux (Illuminator on)
Effective Pixels	1920(H) x 1080(V)
Body Type	Bullet
Shutter Speed	Auto/Manual, 1/3~1/100000s
White Balance	Auto/natural/street lamp/outdoor/manual/regional custom
Lens	2.7mm~13.5mm motorized Lens
S/N Ratio	>56dB
Gain Control (AGC)	Auto/Manual
Iris	Fixed
Video Compression	H.265; H.264; H.264H; H.264B; MJPEG (only supported by the sub stream)
Max Aperture	F1.5
Encode Strategy	Instastream
DORI Distance	W- 44.1m (Detect) 17.6m (Observe) 8.8m (Recognize) 4.4m (Identify) T- 144.8m (Detect) 57.9m (Observe) 28.9m (Recognize) 14.8m (Identify)
Angle of View	Horizontal: 109°-30° Vertical: 56°-17° Diagonal: 137°-35°
Back Light Comp.	BLC / HLC / WDR(120dB)
Video Streaming	Main stream: 1920 × 1080@(1-25/30)fps; Sub stream 1: 704 × 576@(1-25fps)/ 704 × 480@(1-30 fps) Sub stream 2: 1920 × 1080@(1-25/30fps) *The values above are the max. frame rates of each stream; for multiple streams, the values will be subjected to the total encoding capacity
Resolution	1080P (1920 × 1080); 1.3M (1280 × 960); 720p (1280 × 720); D1 (704 × 576/704 × 480); CIF (352 × 288/352 × 240); VGA (640 × 480)
Motion Detection	Off/ On (4 areas, rectangular)
Privacy Mask	4 areas
ICR	Auto (ICR)/Color/B/W

ROI	Yes (4 areas)
Audio Input	1 channel (RCA port)
Audio	Built-in Mic
Audio Output	1 channel (RCA port)
Audio Compression	G.711a; G.711Mu; PCM; G.726; G.723
Alarm IN	1 channel in: 5mA 3V–5V DC
Alarm Out	1 channel Out: 300mA 12VDC
Bit Rate	H.264: 3 Kbps–8192 Kbps H.265: 3 Kbps–8192 Kbps
Protocol	IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; SAMBA; PPPoE; SNMP; ONVIF (Profile S/Profile G/Profile T); CGI; InstaOn; Milestone; Genetec
OTA (Online Device Upgrade)	Support
Cloud Health Monitoring System (HMS)	Support
Smart Detection	Tripwire, intrusion (support the classification and accurate detection of vehicle and human)
Ethernet	RJ-45 (10/100Base-T)
Alarm Event	No SD card; SD card full; SD card error; service life warning (only supported by CP Plus card); network disconnection; IP conflict; illegal access; motion detection; video tampering; intrusion; tripwire; scene changing; audio detection; voltage detection; defocus detection; external alarm; SMD; safety exception
SMD PLUS	SMD 4.0
User Account	20 (Total bandwidth: 64 M)
SDK and API	Yes
Smart Phone	iPhone, iPad, Android Phone
IR Range	IR Range of 60 Mtr., Smart IR
Cyber Security	Video encryption; Firmware encryption; Configuration encryption; Digest; WSSE; Account lockout; Security logs; IP/MAC filtering; Generation and importing of X.509 certification; syslog; HTTPS; 802.1x; Trusted boot; Trusted execution; Trusted upgrade
Micro SD	FTP; SFTP; Micro SD card (support max. 256 G); NAS
Intelligent Search	Work together with Smart NVR to perform refine intelligent search, event extraction and merging to event videos
Operating Temperature	-30 °C to +60 °C (-22 °F to 140 °F)
Storage Temperature	-40°C to +60°C (-40°F to +140°F)
Power Source	12 VDC/PoE (802.3af)
Power Consumption	Basic: 2.3 W (12 VDC); 2.9 W (PoE) Max. (WDR + IR intensity + Intelligence): 6.6 W (12 VDC); 7.7 W (PoE)
Humidity	Less than 95% RH
Weatherproof Standard	IP67, IK10 (optional)
Casing	Metal
Warranty	Minimum 01 year on Site with Parts & Labour

Annexure A.2 Technical Specifications of Dome Camera:

Features	Description
Image Sensor	1/3" 4Megapixel progressive scan CMOS (0.84667cm)
Minimum Illumination	0.03Lux/F1.6 (Color, 1/3s, 30IRE) 0.3Lux/F1.6 (Color, 1/30s, 30IRE) 0Lux/F1.6 (IR on)

Effective Pixels	2688(H) x 1520(V)
BodyType	Vandal Dome
Shutter Speed	Auto/Manual, 1/3~1/100000s
White Balance	Auto/Natural/Street Lamp/Outdoor/Manual
Lens	2.7mm~13.5mm Motorized
Gain Control (AGC)	Auto/Manual
Close Focus Distance	0.8m
Video Compression	H.265+/H.265/H.264+/H.264
Lens Type	Motorized
Angle of View	H: 100°~27°, V:54°~16°
Max. Aperture	F1.6
DORI Distance	W- 64m (Detect) 26m (Observe) 13m (Recognize) 6m (Identify) T- 222m (Detect) 89m (Observe) 44m (Recognize) 22m (Identify)
S/N Ratio	More than 50dB
Back Light Comp.	BLC / HLC / WDR(120dB)
Video Streaming	Main Stream: 4M(1~25/30fps) Sub Stream: D1(1~25/30fps) Third Stream: 1080P(1~14/4fps)
Digital Zoom	16x
Resolution	4MP(2688×1520)/3MP(2304×1296)/ 1080P(1920×1080)/1.3MP(1280×960)/ 720P(1280×720)/ D1(704×576/704×480)/ VGA(640×480)/CIF(352×288/352×240)
Motion Detection	Off / On (4 Zone, Rectangle)
Privacy Mask	Off / On (4 Area, Rectangle)
ICR	Auto(ICR)/Color/B/W
ROI	Off / On (4 Zone)
Audio Input	1 (RCA port)
Audio Output	1 (RCA port)
Audio Compression	G.711a/G.711Mu/AAC/G.726
Alarm IN	1 channel In: 5mA 5VDC
Alarm Out	1 channel Out: 300mA 12VDC
Bit Rate	H.264: 32~10240Kbps ; H.265: 32~8192Kbps
Protocol	HTTP; HTTPS; TCP; ARP; RTSP; RTP; UDP; SMTP; FTP; DHCP; DNS; DDNS; PPPOE; IPv4/v6; QoS; UPnP; NTP; Bonjour; 802.1x; Multicast; ICMP; IGMP; SNMP; ONVIF, PSIA, CGI
Smart Detection	Intrusion; tripwire, Object Abandoned/Missing, Face Detection
Ethernet	RJ-45 (10/100Base-T)
User Account	20 users
Smart Phone	iPhone, iPad, Android Phone
IR Range	IR Range of 50 Mtr., Smart IR
Micro SD	Micro SD Card 256GB
Operating Temperature	-30°C~+60°C (-22° F ~ +140° F)
Storage Temperature	-30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH
Humidity	Less than 95% RH
Power Source	DC12V, PoE (802.3af)
Power Consumption	<13.8W
Weatherproof Standard	IP67 & IK10
Casing	Metal
Warranty	Minimum 01 Year on Site with Parts & Labour

Annexure A.3 Technical Specifications of Bullet Camera -2:

Features	Description
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Image Sensor	1/3" 4Megapixel progressive CMOS (0.8467 centimeter)
Minimum Illumination	Colour: 0.003Lux (F1.6, AGC ON) 0Lux with IR on
BodyType	Bullet
Shutter Speed	Auto/Manual, 1~ 1/100000s
White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2
Lens	2.8~12mm Motorized
Gain Control (AGC)	Auto/Manual
Angle of View	102.79°~ 30.86° (H), 54.50°~17.49° (V), 106.94°~35.49° (O)
Video Compression	Ultra 265, H.265, H.264, MJPEG
Wavelength	850nm
Lens Type	Motorized
S/N Ratio	>56dB
Max. Aperture	F1.6
Back Light Comp.	BLC / HLC / WDR(120dB)
Video Streaming	Main Stream: 4MP (2688x1520), Max 30fps; 4MP (2560x1440), Max 30fps; 3MP (2304x1296), Max 30fps; 1080P (1920x1080), Max 30fps Sub Stream: 720P (1280x720), Max 30fps; D1 (720x576), Max 30fps; (640x360),Max 30fps; 2CIF(704x288), Max 30fps; CIF(352x288), Max 30fps
DORI Distance	2.8mm- 63.0m (Detect) 25.2m (Observe) 12.6m (Recognize) 6.3m (Identify) 12mm-270.0m (Detect) 108.0 (Observe) 54.0 (Recognize) 27.0m (Identify)
Flip	Normal/Vertical/Horizontal/180°/90°Clockwise/90°Anti-clockwise
Video Output	N/A
Motion Detection	Up to 4 areas
Privacy Mask	Up to 4 areas
ICR	IR-cut filter with auto switch (ICR)
ROI	Up to 8 areas
Audio Compression	G.711
Audio Input	Built-in Mic
Bit Rate	128 Kbps~16 Mbps
Protocol	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL, QoS, 802.1x, SNMP; ONVIF (Profile S, Profile G, Profile T), API
Smart Detection	N/A
Ethernet	1 x RJ45 10M/100M Base-TX Ethernet
Smart Phone	iPhone, iPad, Android Phone
IR Range	Array Range of 50 Mtr., Smart IR
Micro SD	Micro SD, up to 256GB
Operating Temperature	-30°C~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Power Source	DC 12V±25%, PoE (IEEE 802.3af)
Power Consumption	Max 8.5W
Weatherproof Standard	IP67
Casing	Metal
Warranty	Minimum 01 years on Site with Parts & Labour

Annexure A.4

Technical Specifications of NVR with 8TB HDD:

Features	Description
Processor	Industrial-grade embedded processor
Operating System	Embedded LINUX
Two-way Talk	1 × RCA input ; Audio Input/ Audio Output

User Interface	GUI
Video Output	1 × VGA output, 1 × HDMI output, supports simultaneous video sources output for VGA and HDMI
Channel	32 channel
Bandwidth Incoming	Access: 160 Mbps; Storage: 128 Mbps; Forward: 48 Mbps
Motion Detection	MD Zones: 396(22×18).
Video Loss	supports
Alarm Input	4 channel
Alarm Output	2 Channel
Smart Phone	iPhone, iPad, Android Phone
Hard Disk	2 SATA III ports, up to 10 TB for a single HDD. The maximum HDD capacity varies with environment temperature. Including 8TB HDD
Trigger Events	Face detection, perimeter protection (intrusion and tripwire), IVS, people counting, heat map, and SMD alarms
Recording Mode	Manual record; alarm recording; SMD recording; smart recording
Search Mode	Time /Date, MD and Exact Search (accurate to second), Smart search
Backup Mode	USB Device/Network
Playback	Play/pause/stop/slow/quick/backward/by frame Full screen, backup (video clip/file), partial zoom in, and audio on/off
Ethernet	1 × RJ-45, 10/100/1000 Mbps self-adaptive Ethernet port
Interface Ports	2 USB Ports (1 × front USB2.0; 1 × back USB2.0)
Protocols	HTTP; HTTPS; TCP/IP; IPv4/IPv6; UPnP; SNMP; RTSP; UDP; SMTP; NTP; DHCP; DNS; IP Filter; DDNS; FTP; Alarm Server; IP Search, P2P, auto register, RTSP, ONVIF (profile T/S/G); CGI; SDK
Power Supply	DC12V/4A
Power Consumption	< 5.6 W (HDD not included, idling)
Working Temp	-10°C to +55°C (+10 °F to +131 °F)
Warranty	Minimum 01 Year on Site with Parts & Labour

Annexure A.5 Technical Specifications of 10 Port PoE Switch:

Features	Description
Switch Capacity	5.6 Gbps Full duplex
Uplink Ports	2, 1000Mbps; Transmission Distance: 0-100m
PoE Power Budget	96W
Anti-thunder Level	Common mode: 2KV Differential mode: 1.5KV
ESD	Air discharge: 1.5KV Contact discharge: 1.5KV
Ethernet Port Light	Green light flash slowly: Searching for device Red light on: Powering but data disconnected Green light flash quickly: Data Transmitting
Network Port	10
Transmission Distance	0-100m/100Mbps; Max. 250m/10Mbps via Cat.5e or more under Extend mode
PoE Ports	8, 100Mbps; RJ45 ports; Max. 30W Output of Single PoE Port Transmission distance:0~250m
PoE Power Supply	1/2(+), 3/6(-)
PoE Standard	IEEE802.3af, IEEE802.3at
Packet Forwarding Rate	Down-link: 0.1488Mpps/port; Up-link: 1.488Mpps/port
MAC Address List	2K
Power Source	Built-in Power Supply, Input: 110-264V AC, 50/60Hz
Power Consumption	<5W

Operating Temperature	-10°C~ -50°C
Humidity	10%-95% , non-condensing
Storage Temperature	-40°C~70°C
Warranty	Minimum 01 year on Site with Parts & Labour

Annexure A.6

Technical Specifications of UTP Cables:

Feature	Description
Type	UTP Cables
Features	Category 6 Unshielded Twisted Pair 4 pair 100 Ohm cable shall be compliant with ANSI/TIA/EIA-568-B.2-1 upto 600 Mhz. Category 6 UTP cables shall extend between the work area location and its associated telecommunications closet and consist of 4 pair, 23 AWG, UTP Non Plenum cable jacket. The 4 pair Unshielded Twisted Pair cable should be UL Listed and ETL Certify. Zero-Bit error throughput test as per IEEE standards verified by ETL The 4 pair Unshielded Twisted Pair cable should be RoHS Compliant.
Mechanical Characteristics	Construction: 4 twisted pairs separated by internal X shaped, 4 ch annel, full separator. Half shall not be accepted. Conductor Solid Copper Insulator Polyethylene Delay Skew : 35 ns MAX Jacket PVC Attenuation : 22.8dB/100m at 250MHz, 29.4dB/100m at 400MHz, 39dB/100m at 600MHz

Annexure A.7

Technical Specifications of 75" LED Display:

Features	Description
Diagonal Size	1m 89cm (75")
Panel Type	LED
Resolution	3,840 x 2,160
PQI (Picture Quality Index)	1400
HDR (High Dynamic Range)	HDR+
Contrast	Mega Contrast & Contrast Enhancer
Motion Rate	100
Picture Engine	UHD Engine
Audio	Dolby Digital Plus; Sound Output (RMS) :20W; Speaker Type:2CH;Bluetooth Audio
Viewing Angle (H/V)	178/178
Dynamic Contrast Ratio	Mega DCR
Tuner/Broadcasting	Digital Broadcasting
Connectivity	HDMI :3; USB :2; Component In (Y/Pb/Pr):1;Composite In (AV):1 (Common Use for Component Y);Digital Audio Out (Optical) :1;RF In (Terrestrial / Cable input):1/1(Common Use for Terrestrial)/0
Temperature	0 ~ 40 °C
Power Supply	AC 100 - 240 V (+/- 10 %), 50/60 Hz
Power Consumption	Maximum 215 W
Video Compression	H.265+/H.265/H.264+/H.264
Lens Type	Motorized
Certification and Compliance	EMC : Class A ; Safety : 60950-1
Warranty	Minimum 01 year on Site with Parts & Labour

Annexure A.8

Technical Specifications of 6U Wall Mount Rack:

- Wall Mount Rack 6U.
- Basic frame: CRCA (MS SHEET).

- Construction: Welded.
- Cable Entry/Exit provision at Top & Bottom with Rubber at Edges.
- Front Door: Toughened Glass with Lock & Key.
- Toughened Glass used as an excellent thief deterrent.
- 19” Vertical Mounting RAIL with Clear “U” Marking.
- Powder coated Color
- Conforms to ISO Standards.
- Standard Accessories Available.
- Others Additional Accessories Optional.
- Load Bearing Capacity - 20Kg.
- Industry leading design with PDU & FAN
- For India Market Only.

Note: The quantity may vary depending upon the actual requirements. Actual quantity will be taken into account for certification of work.

Dates & Information:

Sl.No.	Activities	Date & Time
1	Date of uploading of N.I.T. Documents in the e-tender portal of NIC : https://wbtenders.gov.in	16 th September, 2022
2	Documents download (online)	16 th September, 2022 (from 15.00 p.m.)
3	Bid Submission Start Date(on line)	16 th September, 2022 (from 15.00 p.m.)
4	Bid Submission Closing Date (Online)	8 th October, 2022 (up to 5.00 p.m.)
5	Bid Opening Date (Online) – Technical Bid	11 th October, 2022 (from 11.30 a.m.)
6	Date of uploading list for technically qualified bidder (online)	To be notified
7	Site Visit Date	22 nd September,2022(from 12.30 p.m. to 3.30 p.m.) after contact at CIRM Office
8	Date of opening of Financial Bid	To be notified
9	Date of uploading of list of bidders along with the approved Rate	To be notified

1. General Instructions:

In the event of e-tendering, intending bidder may download the tender documents from the website: <http://wbtenders.gov.in> directly with the help of Digital Signature Certificate (DSC) or from the University of Kalyani’s website www.klyuniv.ac.in.

2. Submission of bids:

Both Technical bid and Financial Bid are to be submitted concurrently duly digitally signed by the Company personnel who is in the pay roll of the Company (having Authorization from the Company management) in the website <http://wbtenders.gov.in>. All papers must be submitted in English language.

3. Time Schedules for the e-tender:

The Time Schedule for obtaining the Bid Documents, Pre Bid meetings, the submission of bids and other documents etc. will be as per the list provided in Clause No. 10 given below.

4. Eligibility for Quoting:

Manufacturers or Dealers/Distributors/Agents duly authorised by the manufacturers who

are able to supply the assured quantities as per requirement & have requisite qualification for meeting the requirements as per this tender are only eligible for quoting.

Further, vendors who were declared black listed and/or insolvent by any Govt. Concern/any Institutions in the Country for particular item or items are not eligible to participate in the current tender for that item or items.

5. Annual Turnover Requirements:

Vender having average annual Turn Over for last three financial years is more than Rs.250 Lakh in India for the year 2018-19, 2019-20 & 2020-21 are eligible to participate in the Tender.

6. Submission of Tenders

6.1 General process of submission

Tenders are to be submitted online through the website stated in Clause 1. All the documents uploaded by the Tender Inviting Authority form an integral part of the contract. Tenderers are required to upload all the tender documents along with the other documents, as asked for in the tender, through the above website within the stipulated date and time as given in the Tender. Tenders are to be submitted in two folders at a time, one is Technical Bid and the other is Financial Bid .The tenderer shall carefully go through the documents and prepare the required documents and upload the scanned documents of originals in Portable Document Format (PDF) to the portal in the designated locations/folders of Technical Bid. He needs to fill up the BOQ in the designated cell and upload the same in designated location of Financial Bid. The documents uploaded are virus scanned and digitally signed using the Digital Signature Certificate (DSC). Tenderers should specially take note of all the addendum/corrigendum related to the tender till the bid submission ends. Tenderers should in general upload the latest documents as part of the tender, however, in case of failure in uploading such documents, it will be deemed that they (tenderers) have taken note of such latest documents including addendum/corrigendum, if published till the bid submission ends.

6.2 Technical Bid

The Technical Bid should contain scanned copies and/or declarations in the following standardised formats in two covers (folders):

I. Technical File (Statutory Cover) containing:

1. **Annexure –**

- a) Basic Information (Vide Annexure I) *(to be submitted in “Annexure” folder)*
- b) Application for Tender - (Vide Annexure II) *(to be submitted in “Annexure” folder)*
- c) Authorization letter - (Vide Annexure III) *(to be submitted in “Annexure” folder)*
- d) Affidavit Proforma - (Vide Annexure IV) *(to be submitted in “Annexure” folder)*
- e) DECLARATION ON NIT - (Vide Annexure V) *(to be submitted in “Annexure” folder)*

2. Technical details of the Items Quoted (Bidders must submit Technical specification along with Catalogue of the item quoted in “**Technical Details**” Folders.

3. Bidder must submit Audited Balance Sheet and Profit and loss Account for last 3 (three) financial year namely 2018-19, 2019-20 & 2020-21 in “**Accounts**” folder.

II. My Document (Non-Statutory Cover) containing as follows:

Sl. No.	Category	Sub-Category	Sub-Category Description
1	Certificates	Certificates	PAN Card of the Bidder
			GST Registration Certificate
			Manufacturing Authorisation/ Manufacturing Certificate
2	Company Details	Company Details 1	Trade Licence/Enlistment Certificate
			Registration with Registrar of Companies
			Memorandum of Articles for Limited Companies.
3	Credential	Credential 1	<p>a) Copy of the purchase order for supplying Similar nature of items at least for last 5 years in reputed institutes/offices</p> <p>b) Brief User List preferably for users in West Bengal in an Institute of Higher Learning</p>
4	Financial Information	Payment Certificate 1	Income Tax Returns submitted for the Assessment year 2019-20
			Income Tax Returns submitted for the Assessment year 2020-21
			Income Tax Returns submitted for the Assessment year 2021-22
			GST Return for January 2022, February 2022 and March 2022

6.3 Financial Bid

The Financial Bid should contain the following document in one cover (folder):

Bill of Quantities (BOQ): The tenderer should fill-up the designated cell as marked by the University in the BOQ sheet.

7. The tenderers are not required to submit hard copies of Technical File (Statutory) or My documents (Non-Statutory). Submission of hard copy of Financial Bid is strictly prohibited and only be submitted through on line through NIC portal.

8. Evaluation of the tenders

During the tender evaluation process, the “Technical Bid” will be opened first. Those Bidders who have qualified in respect of the essential & other requirements in “Technical Bid” will be identified and their financial bid will be opened. The financial bid of those Tenderer failing to meet the technical & other requirements laid down in the tender will not be opened and be rejected. The Tenderer offering the item found suitable and as per the tender specifications will only be selected. Final selection of the lowest bidder in respect of Financial Bid is subject to further verification. The Financial Bids of only those tenderers who have been considered as Technically Qualified will be opened. If found suitable in the context of above pre qualification etc, the Tenderer quoting the lowest rate will be

considered as successful.

9. TERMS & CONDITIONS REGARDING PURCHASE POLICY OF TENDERING AUTHORITY:

9.1 Bid Information:

- a) Bidder must quote in INR as given in the BOQ.
- b) The rate quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- c) Bidder must follow the instruction for filling up BOQ as per Clause 6.3.
- d) Partial Quotation/Incomplete Quotation both for Technical and Commercial aspects may subject to cancellation of tender. However, University Authority will define the Partial Quotation/Incomplete Quotation based on the tender evaluation status.

9.2 **Evaluation of Quotation:** The Purchaser will evaluate and compare the quotations determined to be substantially responsive stage wise. Firstly, Technical Bid will be evaluated based on and thereafter Price Bid for technically qualified bidders will be evaluated for selection of vendor.

9.3 **Award of Contract:** The purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive both technically and commercially for both the equipments. Purchaser reserves the right to reject any or all the tender, wholly or partly, without assigning any reason thereof and shall not be bound to accept the lowest bid.

9.4 All essential items including cables, connectors, etc. needed for the smooth operation/installation of the equipment shall be assumed to have been included in the quoted price/items.

9.5 Installation, testing and commissioning & integration of the components/ equipment in our existing KU-LAN of the purchased items is to be done by supplier at our premises. Charges on account of installation and commissioning, if any, should be included in the quoted price.

9.6 Vendor(s) supplying part/disjoint equipment should have the responsibility of integrating the same into the existing system/KULAN in consultation of other vendor(s) supplying part/disjoint equipments.

9.7 Standard OEM warranty for all the active components with up gradation facility must be provided.

9.8 The vendor should quote and be capable to supply all the necessary accessories for the equipment. However, the university has the right to procure a part or a whole of equipment.

9.9 **Warranty:** The manufacturer should give guarantee/warranty for a period not less than one year. If the equipment installed at one location is subsequently shifted to another location, the warranty services shall continue to be provided at new location without any additional financial implications. Undertaking that during warranty period, if any defect in the supplied equipment is noticed by the Purchaser, the supplier or his representative shall rectify the defect or replace the defective item free of cost at the Purchaser's site at the earliest possible, latest within a period of 30 days of notification.

9.10 **Adequate support service facility:** The bidder/manufacturer should have adequate service support centre in Kolkata for any emergency breakdown/fault offering facility within 48 hours and should be agreeable to provide AMC facility after the warranty period. Further, bidder

should have enough infrastructure as well as qualified personnel to maintain the highly sophisticated equipment as mentioned. ISO certificate (if any) should be enclosed with the tender documents.

9.11 **Bidder must provide Technical Compliance Sheet duly certified by OEM as per the Tender Specification. Any non-compliance will lead to rejection of tender.**

9.12 **Manufacturer's Authorisation:** Bidder must provide Tender specific OEM Authorisation for IP based CCTV Camera and NVR.

9.13 **Credentials:** Documents of supplying similar items in last two financial years in an Institute of Higher Learning must be submitted along with the tender. **Bidder must submit User List with copy of Purchase Order ensuring sale of similar items in reputed institutes/offices in last five financial years.**

9.14 **Make & Model:** Bidder must mention Make and Model in the Information Sheet as given vide Annexure-II and must send the product details/catalogue/brochure in the "Technical Details" folder along with Technical Compliance Sheet for each item component.

9.15 **Time Schedule:** The supply and installation work must be completed within **45 days** from the date of receipt of the purchase order.

9.16 **Validity of offer:** A bidder should spell out in the tender that it shall remain valid for a minimum period of three months from the date of opening of the tender and during this period, the bidder shall not be entitled to revoke or cancel its offer.

9.17 **After Sales Service**

(i) The name and complete address of the company in India authorized by the manufacturer, to provide after sales service for the equipment should be mentioned. The appointed authorized service provider should be holding a valid certificate from the manufacturer to this effect.

(ii) The manufacturer should give an undertaking that after the warranty period, they shall provide spares and after sale service of the equipment in India for the normal life time of the equipment.

9.18 **Place of delivery: CIRM, University of Kalyani, Kalyani -741235.**

9.19 **Payment Schedule :** Payment be made after delivery and installation of the items.

9.20 **Performance Security:**

Successful bidder should deposit Performance Security money equivalent to the 3% of the order value in the form of **DD/ suitable negotiable instruments as to be decided by the University** immediately after issuing purchase order from the University. Such security will be refunded after completion of the warranty period in normal case without any accrued interest. University may forfeit the Security Money in the event of the following circumstances:

i) Selected bidder withdraws the bid before expiry of its validity but after receipt of the Purchase Order.

- ii) Selected bidder does not accept the order after issuing the same or fails to enter into a contract within validity period of offer.
- iii) Selected bidder fails to supply the items within the scheduled time as specified in the Purchase Order
- iv) If before expiry of the warranty period, the supplied items break down or do not function satisfactorily due to the cause related with the item itself or for its installation and not for any reason caused by the University Authority and the supplier denies to take the responsibility to make the supplied items in order.
- v) In case of any false submission /statement by the bidder
- vi) In case of any refusal to abide by terms and conditions or refusal to enter into a written agreement as per prefixed terms and conditions

9.22 **Quantity Changeability:** Quantity as stated in the tender document may subject to change at the time of issuing purchase order due to the fund crunch or for other valid reasons.

9.23 **Requisite Documents to be submitted:** Bidder must have adequate documents relating to Trade License and updated returns for Income Tax, GST, Audited Statement of Accounts and other documents as sought by this tender.

9.24 **Disposal of Disputes:** In case of any dispute, the University's decision will be treated as the final and conclusive. All legal actions are subject to Kolkata jurisdiction only.

Discretion of the University:

9.25 University may take decision about non-purchase of the said equipment even after selection of vendor due to its fund constraints.

9.26 University may seek documents from the bidder in addition to the scanned documents sent by them at the time of uploading technical bid for verification and evaluation of tender.

9.27 University reserves the right to relax any clause as stated hereinabove for selection of responsive vendor.

10. Opening the financial bid as per schedule will BE NOTIFIED LATER ON.

Financial bid can be seen & accessed by the bidder through the NIC Portal on line after opening of financial bid on line. No objections raised by any Bidder in this respect will be entertained by the University. No informal tender will be entertained in the Bid further.

11. During the scrutiny, if it comes to the notice to tender inviting authority that the credential or any other paper found incorrect/ manufactured/ fabricated, that bidder would not allowed to participate in the tender and that application will be rejected outright without any prejudice.

12. The Tender Selection Committee reserves to right to cancel the N.I.T. due to unavoidable Circumstances and no claim in this respect will be entertained.

Annexure I

FURNISHING BASIC INFORMATION

(To be furnished in the Company's official letter pad)

1.	Name of the Bidder	
2.	Address for Communication	
3.	Contact Number(s)	
4.	E-mail ID	
5.	Trade License No. (Please enclose copy of Trade License)	
6.	PAN(Please enclose copy of PAN Card)	
7.	GST No.(Please enclose copy of GST)	
8.	Do you have previous experience for supplying similar nature of Items at Educational Institute of Higher Learning (Please enclose copy of Purchase order & user list, if yes)	Yes/No (Please put tick mark)
9.	Annual Turnover as per Audited P/L ACCOUNTS & BALANCE SHEET	2018-19: Rs..... 2019-20: Rs..... 2020-21: Rs..... Average Annual Turnover: Rs.....
10.	Status of the bidder(Please enclose copy authenticating your status)	Manufacturer/Dealer/Distributer/Selling Agent/Stockiest (Please put tick mark)

I hereby declare that the above information is true and correct to the best of my knowledge and belief. In case of any false/wrong/misleading information, I shall be bound to take the decision taken by the University.

**Signature of the Bidder
(With Seal)**

Annexure II
APPLICATION FOR TENDER

(To be furnished in the Company's official letter pad with full address and contact no, E mail address etc)

To
The System-in-Charge
CIRM
University of Kalyani,
Kalyani-741235,
Nadia, West Bengal

Sub: NIT for the Supply and Installation of **IP CCTV Surveillance with LAN setup** in the premises of Kalyani University.

Ref: - **KU/NIET/AdmB/CCTV/2022-23/01** dated: 16/09/2022

Sir,

Having examined the pre-qualification & other documents published in the N.I.T, I /we hereby submit all the necessary information and relevant documents for evaluation:

1. That the application is made by me / us on behalf of
.....in the capacity duly authorized to submit the offer. The authorization letter from the Company is attached in Annexure II.
2. We accept the terms and conditions as laid down in the tender document vide **Clause 9** and declare that we shall abide by it throughout the tender period including its extensions, if any.
3. We have gone through the Tender Document thoroughly and quoted the tendered items keeping in mind all sorts of information as furnished in the tender document including Corrigendum/Addendum as published from time to time
4. We are offering rate for the following item /items with manufacturing capacity and assured supply to the University of Kalyani

Sl. No.	Description of Items	Make	Brand Name & Model No,	Warranty Period	Offer Validity	Mode of Transport (AIR/RAIL WAY/SHIP/ROAD)	Type of Delivery(CIP Kolkata/FOB Kolkata/Door Delivery)
1	As per A.1						
2	As per A.2						
3	As per A.3						
4	As per A.4						
5	As per A.5						
6	As per A.6						
7	As per A.7						
8	As per A.8						

5. In the event of being selected, I will make the supply within the stipulated period excepting the condition which is beyond our control.

Date :-

Signature of applicant including title and capacity in which application is made.

Contact no:

E-mail address:

Annexure III

(Authorization letter in favour of the applicant (other than Managing Director/ Proprietor/Partner) from the competent authority.)

FORMAT

(To be furnished in the Company's official letter pad with full address and contact no, E mail Address etc)

(TO WHOM IT MAY CONCERN)

This is to certify that Mr.(Name),
Employee of this Organisation as..... (Official Designation) is
Hereby authorised to submit tender online, Vide NIT No.....,
Dated on behalf of the Organisation.

Signature of the competent authority with Seal

.....

(Signature of the Authorised Person)

Signature of Mr.....

.....is hereby attested.

Signature of the competent authority with Seal

ANNEXURE IV

(Affidavit Proforma)

(To be furnished in Non – Judicial Stamp paper
of appropriate value duly notarized)

I, Sri/Smt.....

The Managing Director/Proprietor (etc.) of the Firm.
..... (Name of the firm)

At (address).....

Do hereby solemnly affirm and declare as follows:

1. That I have not ever been convicted of any offence making myself liable to be disqualified to supply of Chemicals / Equipments/other items to any Govt. or Govt. undertaking Organization /Institution in the State of West Bengal or other State or States.

2. That no case is pending against me or against my firm in any criminal court of law to supply of Chemicals, Lab. Chemicals & Laboratory Equipments and other items to the Govt. or Govt. undertaking Organization / Institution in the State of West Bengal or other State or States (If any case is pending, state the details).

3. That, I also declare that if any information subsequently found incorrect or false will it automatically render the tender submitted by me cancelled and make me liable for penal/legal action as per law of the country.

4. That my concern has not yet been declared bankrupt by any banking or money lending agency duly licensed by RBI nor has it been considered doubtful by any Government concern so far as the solvency of the organisation is concerned.

5. That I do further affirm that the statements made by me in this tender are true to the best of my knowledge and belief and all the documents attached are genuine & correct.

Deponent(s).

ANNEXURE V

DECLARATION ON NIT

(To be typed in company letter pad, scanned and uploaded)

I, the undersigned, do hereby declare that in respect of Tender Ref. No. **KU/NIET/AdmB/CCTV/2022-23/01** dated: 16/09/2022

- On behalf of my organization, I will comply all the formalities that are required to be complied as per NIT and I will observe all clauses of the NIT (including Terms & conditions).
- In case of any non-observance of any clause(s) of NIT, my organization will be bound to follow the decisions taken by the University of Kalyani for taking decision related with the tender for which the said NIT was uploaded.

Full signature of the Person
(Designation with Seal)

Date:

Place:

Tender Inviting Authority: CIRM , University of Kalyani

Name of Work: Supply and Installation of IP Based CCTV to the Administrative Building of Kalyani University.

Contract No: KU/NIET/AdmB/CCTV/2022-23/01

Name of the									
PRICE SCHEDULE									
(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevent columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)									
NUMBE	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER	NUMBER	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity	Units	BASIC PRICE Total	GST Total (if any) Rs. P	Any Other Taxes/Duties/Levies in Total Rs. P	TOTAL AMOUNT WITHOUT TAX Rs. P	TOTAL AMOUNT WITH TAXES	TOTAL AMOUNT In Words
1	2	4	5	13	14	17	53	54	55
1	Supply and Installation of IP Based CCTV to the Administrative Building of Kalyani University								
1.1	(A) Camera -1 (Detail Specification as per NIT)	7.00	Nos				0.00	0.00	INR Zero Only
1.2	(B) Dome Camera (Detail Specification as per NIT)	7.00	Nos				0.00	0.00	INR Zero Only
1.3	(C) Bullet Camera -2 (Detail Specification as per NIT)	7.00	Nos				0.00	0.00	INR Zero Only
1.4	(D) NVR with 8TB HDD (Detail Specification as per NIT)	1.00	Nos				0.00	0.00	INR Zero Only
1.5	(E) 10 Port PoE Switch (Detail Specification as per NIT)	4.00	Nos				0.00	0.00	INR Zero Only

1.6	(F) UTP Cables (Detail Specification as per NIT)	4.00	Box				0.00	0.00	INR Zero Only
1.7	(G) 75" LED Display (Detail Specification as per NIT)	1.00	Nos				0.00	0.00	INR Zero Only
1.8	(H) 6U Wall Mount Rack (Detail Specification as per NIT)	2.00	Nos				0.00	0.00	INR Zero Only
2	LAYING (Approx. 1200 mtr). using PVC (ISI Mark) pipe through Concealed wiring with it Accessories INTEGRATION & INSTALLATION And DISMANTLING & UNINSTALLING Old 15 Nos. CCTV, Cables with its Accessories (Detail Specification as per NIT)	1.00	Job				0.00	0.00	INR Zero Only
Total in Figures							0.00	0.00	INR Zero Only
Quoted Rate in Words									