



National Law University and Judicial Academy, Assam

(Established by Assam Act No. XXV of 2009)

No.: NLUJAA/IT/F/CCTV/2015-16/ 4446

Date: May 24, 2018

NOTICE INVITING QUOTATION

Sealed quotation are hereby invited affixing non refundable Court fee stamps of Rs. 8.25 (Rupees Eight and Twenty Five paise) only from reputed Firms/Vendors for supply of CCTV Systems for National Law University and Judicial Academy, Assam as per the terms & conditions given below which will be received at the office of the Registrar, NLUJAA during office hours up to **1:00 PM** on or before **June 08, 2018** and will be opened on the same day at **2:00 PM**. The Firms or their authorized agents may remain present at the time of opening of the quotations.

ITEMS:

Sl. No.	Items Description	Required Qty.	Specification
1	NVR (32 Channel) with storage drive	01 no.	Details specification of above items is enclosed at ANNEXURE-A
2	IP Camera (3 MP-Dome)	06 nos.	
3	IP Camera (2 MP-Dome)	16 nos.	
4	24 port PoE Switch with fibre uplink port populated SM SFP module	01 no.	

Terms and Conditions:

1. The rates should be quoted against the items/articles should be in prescribed format as mentioned in Price Bid Form.
2. The sealed envelope should be subscribed on top as "The Registrar, National Law University and Judicial Academy, Assam".
3. The Firm will have to deposit Earnest money of **Rs. 10,000** each in the form of Demand Draft in favour of "Registrar, National Law University and Judicial Academy, Assam".
4. The undersigned reserves the right to accept or reject any tender without assigning any reason thereof.
5. Any deviation of terms and conditions shall invite cancellation of Quotation/Tender/Bills etc. and forfeiture of security deposit.
6. **Each firm must have GST registration, Trade License, Income Tax Clearance certificate, PAN Card, Technical Literature/Datasheet, Authorization Certificate from OEM, Declaration by the vendor/firm/supplier, Past experience details. A Self-attested copy of the above mentioned documents must be submitted along with the Quotation.**
7. The work may be allotted to one or many supplier depending upon the urgency of the work, time factor, quality of works and past records of the firms for doing the works in due time.
8. In case there is no approved rate of any item, the supplier have to supply the same at reasonable prices but not more than the Maximum Retail Price/market price whichever is less.

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9. In case lowest rate is quoted by one firm for some items and by other firms for other items then the firms will have to give the willingness/consent letter to supply any or all of the materials as above as per approved rates of the undersigned. If the lowest quoted rate is higher than the MRP/Market Price then payment will be made as per the MRP/Market Price.
10. Any firm/supplier indulging in any malpractice or adopting any unfair means will be barred for any work with the University.
11. Past records of the firms/suppliers/contractors will be duly considered while awarding the work.
12. And any other condition deem to be just, fit and proper at point of time.



Registrar

Memo No: NLUJAA/IT/F/CCTV/2015-16/4447-4453 Dated May 24, 2018

Copy to:

1. DIPRO, Kamrup for information and necessary publicity through FLS and newspaper.
2. Finance officer I/C for information.
3. System Administrator, NLUJAA with a request to upload in the University website.
4. P.S. to VC for kind appraisal of the Hon'ble Vice-Chancellor
5. Notice Board
6. Office File
7. Guard File



Registrar

DECLARATION

From:-

M/s
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.....

To

The Registrar
National Law University and Judicial Academy, Assam
Amingaon, Guwahati – 31

Sir,

I/We have read and understood the contents of the short notice inviting quotations and agree to abide by the **terms and conditions of this notice**.

I/We further assure that none of the Proprietor/Partners/Directors of the firm was or is Proprietor or Partner or Director of any firm with whom the Government have banned /suspended business dealings. I/We further undertake to report to the Registrar, NLUJAA immediately after we are informed but in any case not later 15 days, if any firm in which Proprietor/Partners/Directors are Proprietor or Partner or Director of such a firm which is banned/suspended in future during the currency of the Contract with you.

Yours faithfully,

(Signature of the vendor)

Name:

Designation with Seal of the Firm

PRICE BID FORM

Name of the Firm:

Sl. No.	Description	Make & Model	Qty	Unit Price	GST	Total
1	NVR (32 Channel) with storage drive		01			
2	IP Camera -3 MP Dome		06			
3	IP Camera -2 MP Dome		16			
4	24 port PoE Switch with fibre uplink port populated SM SFP module		01			
Grand Total						

Grand total (in words).....

(Signature of the vendor)

Name:

Designation with Seal of the Firm

NVR (32 Channel) With Storage Drive	
Specifications	Description
Feature	Third-party network cameras supported
IP video input	32-ch
Incoming bandwidth	256 Mbps
Outgoing bandwidth	160Mbps
Video	HDMI output 4K (3840 × 2160)/30Hz, 2K (2560× 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Audio output	resolution
VGA output	1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Audio output	1-ch, RCA (Linear, 1 KΩ)
Decoding format	H.265/H.264/MPEG4
Recording resolution	8MP/6MP/5MP/4MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Synchronous playback	16-ch
Capability	2-ch @ 4K, or 8-ch @ 1080p
Hard disk	4 SATA interfaces for 4HDDs
Capacity	8 TB HDD
External interface	Two-way audio 1-ch, RCA (2.0 Vp-p, 1kΩ)
Network interface	2 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interfaces
Serial interface	1 RS-485 (half-duplex), 1 RS-232, 1 keyboard (optional)
USB interface	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0
Power supply	100 to 240 VAC
Chassis	19-inch rack-mounted 1.5U chassis
Management	Centralized management of IP cameras, including configuration, information import/export, real-time information display, two-way audio, upgrade, etc. VCA detection alarm is supported, Instant playback for assigned channel during multi-channel display mode, Smart search for the selected area in the video; and smart playback to improve the playback efficiency, Supports HDD quota and group modes; different capacity can be assigned to different channels
Waranty	2 years from OEM

IP CAMERA 3MP DOME

Key Features
3 Megapixel CMOS Vandal-proof Network Dome Camera (1920 × 1080) resolution
Standard video compression with high compression ratio, ROI (region of interest) encoding
Progressive scan CMOS, capture motion video without incised margin
Support dual stream, and the sub-stream for mobile surveillance
High-performance and long service life Infrared LED, up to 30 meters IR range
IR cut filter with auto switch
PoE (Power over Ethernet)
3D DNR
Ingress Protection level: IP66
Electronic shutter for different surveillance environments
Impact Protection: IEC60068-2-75 test, Eh, 20J; EN50102, up to IK10
Other functions: alarm, mirror, etc
Support intrusion detection and line crossing detection
Support VCA, which is compatible with NVR for the second time of video searching and analysing

Parameters	Description
Image Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	Color: 0.005 lux @(F1.2, AGC ON), 0 lux with IR
Shutter Speed	1/3 s to 1/100,000 s
Lens	4mm@ F2.0, Angle of view: 85° (2.8mm, 6mm optional)
Lens Mount	M12
Day &Night	IR cut filter with auto switch
Digital Noise Reduction	3D DNR
Wide Dynamic Range	120dB
Angle Adjustment	Pan:0° -355°, Tilt: 0° -65°
Video Compression	H.264/ MJPEG
H.264 Type	BaseLine Profile/Main Profile
Video Bit Rate	32 Kbps – 8 Mbps
Dual Stream	Yes
Network Storage	NAS (Support NFS,SMB/CIFS)
Alarm Trigger	Line crossing detection, Intrusion detection, Motion detection, Dynamic analysis, Tampering alarm, Network disconnect , IP address conflict, Storage exception
Protocols	TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,DDNS,RTP,RTSP,RTCP, PPPoE,NTP,UPnP,SMTP,SNMP,IGMP,802.1X,QoS,IPv6,Bonjour
General	Flash-prevention, dual stream, heartbeat, mirror, password protection, privacy mask, watermark, IP address filtering, Anonymous access
Communication Interface	1 RJ45 10M/100M Ethernet interface
Power Supply	12 V DC ± 10% , PoE (802.3af)
Warranty	2 Years from OEM

IP CAMERA 2MP DOME

Key Features	
2 Megapixel CMOS Vandal-proof Network Dome Camera (1920 × 1080) resolution	
Standard video compression with high compression ratio, ROI (region of interest) encoding	
Progressive scan CMOS, capture motion video without incised margin	
Support dual stream, and the sub-stream for mobile surveillance	
High-performance and long service life Infrared LED, up to 30 meters IR range	
IR cut filter with auto switch	
PoE (Power over Ethernet)	
3D DNR	
Ingress Protection level: IP66	
Electronic shutter for different surveillance environments	
Impact Protection: IEC60068-2-75 test, Eh, 20J; EN50102, up to IK10	
Other functions: alarm, mirror, etc	
Support intrusion detection and line crossing detection	
Support VCA, which is compatible with NVR for the second time of video searching and analysing	
Parameters	Description
Image Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	Color: 0.005 lux @(F1.2, AGC ON), 0 lux with IR
Shutter Speed	1/3 s to 1/100,000 s
Lens	4mm@ F2.0, Angle of view: 85° (2.8mm, 6mm optional)
Lens Mount	M12
Day &Night	IR cut filter with auto switch
Digital Noise Reduction	3D DNR

Wide Dynamic Range	120dB
Angle Adjustment	Pan:0° -355°, Tilt: 0° -65°
Video Compression	H.264/ MJPEG
H.264 Type	BaseLine Profile/Main Profile
Video Bit Rate	32 Kbps – 8 Mbps
Dual Stream	Yes
Network Storage	NAS (Support NFS,SMB/CIFS)
Alarm Trigger	Line crossing detection, Intrusion detection, Motion detection, Dynamic analysis, Tampering alarm, Network disconnect , IP address conflict, Storage exception
Protocols	TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,DDNS,RTP,RTSP,RTCP, PPPoE,NTP,UPnP,SMTP,SNMP,IGMP,802.1X,QoS,IPv6,Bonjour
General	Flash-prevention, dual stream, heartbeat, mirror, password protection, privacy mask, watermark, IP address filtering, Anonymous access
Communication Interface	1 RJ45 10M/100M Ethernet interface
Power Supply	12 V DC ± 10% , PoE (802.3af)
Warranty	2 Years from OEM

24 Port PoE Switch Fibre Uplink Port Populated SM SFP Module

Parameter	Description
Ports	24 x 10/100/1000 + 4 x Gigabit SFP (2 combo) populated with 2 nos of 1G SM SFP transceiver (LC Type).
Power over Ethernet (PoE)	PoE+ (24 ports, 195 W)
Performance	Switching capacity : 56 Gbps Forwarding performance (64-byte packet size) : 38.69 Mpps
MAC address table size	16K entries
Capacity	4096 active VLANs
Jumbo frame	Yes
Remote management protocol	SNMP 1, RMON 1, RMON 2, RMON 3, RMON 9, Telnet, SNMP 3, SNMP 2c, HTTP, HTTPS, TFTP, SSH, CLI
Features	Layer 2 switching, DHCP support, VLAN support, IGMP snooping, syslog support, DoS attack prevention, port mirroring, DiffServ support, weighted round-robin (WRR) queuing, broadcast storm control, IPv6 support, multicast storm control, unicast storm control, firmware upgradable, Spanning Tree Protocol (STP) support, Rapid Spanning Tree Protocol (RSTP) support, Multiple Spanning Tree Protocol (MSTP) support, Trivial File Transfer Protocol (TFTP) support, access control list (ACL) support, quality of service (QoS), jumbo frames support, MLD snooping, SNMP, RMON, SNT, Auto SmartPorts
Compliant standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3z, IEEE 802.1D, IEEE 802.1Q, IEEE 802.3ab, IEEE 802.1p, IEEE 802.3x, IEEE 802.3ad (LACP), IEEE 802.1w, IEEE 802.1x, IEEE 802.1s, IEEE 802.3af PoE, IEEE 802.3at PoE, IEEE 802.3az
RAM	512 MB
Flash memory	256 MB flash
Status indicators	System, Link/Speed per port, PoE
Interfaces	24 x 10Base-T/100Base-TX/1000Base-T - RJ-45 (24 x PoE+) 2 x combo SFP slot + RJ-45 2 x SFP slot 1 x USB port - file management 1 x RJ-45 console - management
Power device	Power supply - internal
Voltage required	AC 120/230 V (50/60 Hz)
Service and support	Limited lifetime warranty