

JUDICIAL ACADEMY, ASSAM

7. BHOLANATH ,MANDIR PATH, DR. B. K. KAKOTI ROAD, ULUBARI, GUWAHATI-781007
Fax :- (0361) 2458247 # 2548649, 2458247 E-mail :- ja@assam.gov.in

SHORT TENDER NOTICE

Dated Guwahati the 26th day of June, 2018

Sealed quotations affixing Court fee stamp of **Rs.8.25** (non refundable) are invited from GEM/GST registered/approved dealers/suppliers at Guwahati for supply & installation of VC System and LAN with latest configuration with the following specifications :

A. VC SYSTEM

ITEM NO. 1 VC SYSTEM

Power Specifications	
Input Voltage	230+/- 5%
Input Power Frequency	50Hz
NETWORK SPECIFICATION	
Operability	IP Networks Supporting Static IP as well as DHCP including for IPv6
Ethernet Port	Autosense Ethernet Port
NAT/Firewall	Support working behind NAT, Firewall traversal
Compatibility	SNMP Alerts QoS (with Diff Serv & IP Precedence)
Video Specifications	
Protocol	H.264
View / Picture Arrangement	Picture In Picture or side by side picture(Dual Monitor Emulation)support.
Resolution	High Definition Live Video Resolution of 720 pat 25 fps for Transmission as well as Reception
Transmission and Reception	HD Content & Presentation Transmission and Reception simultaneously
Multiparty	Point to Point as well as Multipoint (foratleast1 + 3sites)
Streaming	H.239DualStreamingsupport
Audio Specifications	
Protocols	G.722,G.711
Microphone	High Quality Microphone for distance of 3 meters or more Additional Microphone support.
Audio Quality	Built In Acoustic echo cancellation with noise reduction
Video Conferencing Specifications	
Directory Protocols	Global Directory, Display of active participants,/H.350/LDAP protocol

Interoperability	Interoperable with any H.323 & SIP compliant HD, SD VC systems and MCUs
Endpoint Management	Web based management of VC endpoint
Dialing	E.164 Dialing using H.323 Gatekeeper
Camera Specifications	
Far End Camera Control Protocol	H.281
Camera Features	HD PTZ Camera of 720p resolution
Zoom	5x or more
Mounting	Mountable on Screen or Desk or Wall
Light Requirements	In Normal Room light
Remote Control	Remote Control functionality within about 7 meters including for PTZ actions
Interface/ Ports	
Video	VGA and/or HDMI port with XGA/HD resolution to facilitate computer system connection for video in/out
Audio	Auxiliary Audio In for connecting external audio devices
	Audio Out ports supporting transferring audio to external audio/PA system
VC Session Recording Ready	
Recording Media	Support for live recording of VC session with both sides audio and video using memory card or DVD/HDD
Recording Connectivity	HDMI/VGA/S-Video/Composite Video Out and Audio out for recording through the Recording Device (DVR or HDD Recorder)
DVR /HDD Recorder extra	
VC Unit to Display Unit HDMI Cable of 5 meters or more	
VC Unit to Microphone Cable of 8 meters or more	
VC Unit to external computer system- VGA Data Cable of 5 meters or more	
Software Licence and Support	
Software subscription for all software applications, hardware drivers / plugins at least for Warranty Period including upgrades and patches if any	
Five years on site Warranty	

ITEM NO. 2 DISPLAY UNIT

SPECIFICATIONS OF DISPLAY UNIT FOR VC SYSTEM
32/40/48 or more inches HD LED Monitor compatible with VC SYSTEM as given at Item 1 above (two in number i.e. 1 larger for remote site view & 1 for self-view) Two or more HDMI In Ports
One D-Sub (No.15) Input for PC Input including for Audio
One Component Video In with audio
Built In Stereo Speakers with Amplifier with 5 W x 5 W capacity
Tablet Top Stand /Wall Mount Kit Remote
Control with Display Unit Functionalities Input
Power 230 +/- 5% with 50Hz
5 years on site warranty

ITEM NO. 2 VIDEO RECORDER

SPECIFICATIONS OF VIDEO RECORDER FOR VC SYSTEM (DVR)	
Audio & Video In Ports compatible with Item No.1 above for receiving live audio & video (of local and remote site) for live recording	
Audio & Video Out Ports compatible with Item No.2 above for playback of recorded audio & video of VC sessions	
Built In media of installed HDD of 1TB or above	
Functionality to copy recorded files to external HDD, Memory Card Unit through USB Port	
Recorded Video format to be compatible with all standard media players including VLC Media Player	
Full Function Remote Control	
Input Power 230 +/- 5% with 50Hz	
5 years on site warranty	

ITEM NO. 4 UPS

SPECIFICATIONS OF UPS FOR VC SYSTEM	
Capacity	1KVA LINE INTERACTIVE
Input Voltage and Frequency	140-270V, 47 to 53Hz
Output Voltage and Frequency (On Mains)	230 +/- 5% with AVR (Automatic Voltage Regulation), 50Hz +/- synchronized with Input Power Frequency
Output Voltage and Frequency (On Battery)	230V +/- 3% with 50 Hz
Backup Time	60 minutes
Battery Type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte: leak-proof
Overload Capacity	110%
Efficiency	80% or more
Output Wave type	Quasi Sine wave or better
Transfer Time	< 5 milliseconds
Load Power Factor	0.6
Other Features	Cold Start, Auto Start, Generator Compatible, No Load Shutdown
Protections from	Surge, Short Circuit, Spikes, DC Under voltage and Overload
Indicators	Mains, On Battery, Charge, Overload
Alarms	Low Battery, Mains Off, Tripping
Operating Environment	0- 40°C
Operating Relative Humidity	0- 95%
Audible noise at 1 meter from surface of unit	Not more than 50.00 dBA
Output Sockets	3 or more with 3 pin
Warranty	5 years On site including batteries

ALL SPECIFICATIONS TO BE READ AS EQUIVALENT OR BETTER

B. LAN

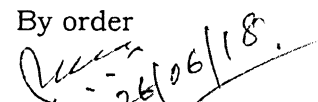
Supply, testing, installation and maintenance of active and passive components for local area networks in the Judicial Academy, Assam under e-Courts Project

Specification :

1. I/O Box (Digi link/D link) : 60Nos
2. Cat-6 patch cord (0.5 mtr): 60Nos
3. Cat-6 patch cord (1.5 mtr):60Nos
4. Wall mount rack (Valrack) 19" 4U : 3Nos
5. CAT-6 Cable : As required
6. 24 port CAT-6 patch panel: 3Nos
7. 24 port Layer 2 managed CISCO switch: 3Nos
(with 5 years comprehensive onsite warranty)

Quotations in sealed covers, complete in all respect alongwith processing fee of **Rs.1000/-** only (non-refundable) by way of Bank Draft and successful bidder shall have to deposit Security Deposit of **Rs.10,000/-** only (refundable) in favour of "**Director, Judicial Academy, Assam**" should reach the undersigned on or before **05.07.2018** during office hours.

By order


(N.G. Das)

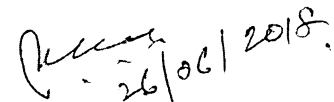
Administrative Officer
Judicial Academy, Assam

Memo No.JAA.11/2017/321-22

Dated Guwahati, the 26th June, 2018

Copy to:-

- ✓ (1) The Systems Analyst / Programmer, Gauhati High Court. He is directed to upload the Notification in the Gauhati High Court Website and Website of Judicial Academy, Assam.
- (2) Notice Board of Judicial Academy, Assam.


Administrative Officer
Judicial Academy, Assam