TENDER NOTICE

Tender Notice No. JNTUK/Campus Surveillance/2018-19   **Date: 01-10-2018**

Sealed quotations are invited from reputed Dealers/ Suppliers for the supply of the listed items. The detailed specifications, terms & Conditions for the items can be obtained in respect of items from the undersigned from **01/10/2018** between **11.00 AM to 5.00 PM** on payment of ₹**500/- (Non-Refundable)** in the form of Demand Draft payable at Kakinada in favor of **Registrar, JNTUK, Kakinada** drawn on any nationalized bank not earlier than date of this notification. The sealed quotations should reach the undersigned on or before **01.00 PM on 12/10/2018.**

The University Authorities reserve the right to accept or reject any or all bids without assigning any reason whatsoever.

REGISTRAR

REGISTRAR
J.N.T. University Kakinada
KAKINADA-533 003

Tender Notice No. JNTUK/Campus Surveillance/2018-19   Date: 01-10-2018

TENDER SCHEDULE

GENERAL CONDITIONS:

1. Please quote your lowest rates for each item described. The quotation should reach this office **on or before 12/10/2018 by 13:00 hrs.** Sealed covers should be submitted for the items super scribing as **"Tender No.", "Date of opening:"** The sealed covers should be sent by the Registered Post or to be dropped in the sealed box provided in the office of the Registrar. The tender will be **opened on 12/10/2018 at 15:00 hrs.** by the undersigned/his nominee in the presence of the committee members and available bidders or their representatives.

2. **E.M.D:** The tender documents should be submitted along with earnest money deposit **Rs.20,000/-** in the form of Demand Draft in favor of **"The Registrar, JNTUK, Kakinada".** The Demand Draft pertaining to E.M.D. of unsuccessful party will be returned.

3. **PRICES:** The price should be F.O.R. destination inclusive of taxes, packing & forwarding charges, freight, delivery and installation charges. Items on rate contract, if any together with the terms and conditions may please be furnished.

4. **PAYMENT:** 100% payment will be made within a reasonable time only after the receipt of all items in good condition and installation as per given specifications and after testing for satisfactory working and on receipt of the company's invoice with all Supporting vouchers such as copy of GST Registration certificate etc. **No advance will be paid in any case either in part or in full.**

5. **ACCEPTANCE:** It is not binding on the University to accept the lowest of the tenders. The University reserves the right to place orders for individual items with different bidders.

6. **SPECIFICATIONS:** Detailed specifications along with the description and make should be mentioned in the bid.

7. **Warranty/Guaranty:** Warranty/Guaranty period should be mentioned by the bidder.

8. **DELIVERY:** The period of delivery and completion of work at destination from date of placing orders is **FOUR WEEKS.** If the bidder is unable to supply the items within the delivery period, the purchase order stands void and the EMD will be forfeited.

9. **VALIDITY:** The quotations should be valid for at least 90 days.

10. The University reserves the right to cancel the tender without assigning any reason.

11. Those that purchased tender schedule officially by paying **Rs. 500/-** in the form of Demand Draft drawn in favor of The Registrar, JNTUK, payable at Kakinada are only eligible to participate in the tender. Those who have downloaded the tender schedule from the JNTUK website (www.jntuk.edu.in) should submit a separate DD for **Rs.500/-** along with the quotation.

12. This University being Government University is exempted from payment of Central/State Excise Duty.

13. Since the University is Government University whatever conditions are applicable to any Government institute shall be applicable even if not specified.

14. Any tender that is received after due date will not be accepted. The University is not responsible for any postal delay.

15. List of Major Customers should be provided.

Encl: Items with Description

REGISTRAR

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J.N.T. University Kakinada
KAKINADA-533 003

Specifications for the Campus Surveillance system

S.No	Item	Description	Quantity
01	NVR	64 Channel IP Video Input 1-Ch Two way audio input Incoming Bandwidth support upto 320 Mbps Outgoing Bandwidth support upto 320 Mbps Display output: VGA X 1 No., HDMI X 2 Nos (Two HDMI output) 1-Ch, BNC CVBS Output Recording resolution Upto 12 Mega pixel 1-ch Audio, RCA output 16 Channels synchronous playback **Support Fish eye Dewarping Function** Corridor mode screen: 3/4/5/7/9/10/12/16/32 Storage Capacity : 8 SATA interfaces, each SATA upto 8 TB capacity One number 1eSATA interface, RAID 0,1,5,6,10 ready with Hot Swappable Hard Drives **(HDD can be removed from Front Panel) . Hard Disk quota Management, Security Features** VCA Detection: Face detection, intrusion detection, cross line , People Counting, detection, scene change detection, Defocus detection, Auto tracking Network: 2 RJ45 10/100/1000M Ethernet interface USB: 1X USB 2.0 and 1X USB 3.0 Serial: 1X RS232 and 1X RS485 16 Channel Alarm In 4 Channel Alarm Out Decoding format: Ultra 265, H.265, H.264 Remote Users upto 128 Protocols: SNMP,P2P, UPnP, DHCP, PPPoE ANR Technology to enhance the storage reliability when network down, Support cloud upgrade **Certification: UL-60950 with test Report, RoHS Test Reports & Certificates, CE for EMC,**	01
02	NVR	64 Channel IP Video Input 1-Ch Two way audio input Incoming Bandwidth support upto 320 Mbps Outgoing Bandwidth support upto 320 Mbps Display output: VGA X 1 No., HDMI X 2 Nos (Two HDMI output) 1-Ch, BNC CVBS Output Recording resolution Upto 12 Mega pixel 1-ch Audio, RCA output 16 Channels synchronous playback **Support Fish eye Dewarping Function** Corridor mode screen: 3/4/5/7/9/10/12/16/32 Storage Capacity : 8 SATA interfaces, each SATA upto 8 TB capacity One number 1eSATA interface, RAID 0,1,5,6,10 ready with Hot Swappable Hard Drives **(HDD can be removed from Front Panel) . Hard Disk quota Management, Security Features**	03

		VCA Detection: Face detection, intrusion detection, cross line , People Counting, detection, scene change detection, Defocus detection, Auto tracking Network: 2 RJ45 10/100/1000M Ethernet interface USB: 1X USB 2.0 and 1X USB 3.0 Serial: 1X RS232 and 1X RS485 16 Channel Alarm In 4 Channel Alarm Out Decoding format: Ultra 265, H.265, H.264 Remote Users upto 128 Protocols: SNMP,P2P, UPnP, DHCP, PPPoE ANR Technology to enhance the storage reliability when network down, Support cloud upgrade **Certification: UL-60950 with test Report, RoHS Test Reports & Certificates, CE for EMC,**	
03	IP Camera (BULLET)	4 Mega pixel WDR Network IR Bullet camera,6mm lens, smart detection Smart IR range upto 30 M Digital Defog Anti reflection IP67 Rated, VANDAL Proof**(Certificate Required)** LIKE people counting, Intrusion, FaceDetection Defocus, Scene change detection Cross Line Detection2D/3D Digital Noise Reduction Video compression: Ultra 265, H.265, H.264,MJPEG Frame Rate: Mainstream – 4MP upto 25 fps, 3MP upto 30 fps Sub Stream – 2 MP upto 30 fps Thirs Stream- Upto 30 fps Corridor mode: 9:16 supported HLC, BLC Supported Motion detection upto 4 areas Network: 10/100 M Base TX Ethernet Ingress Protection: IP67 Wide temperature range 35C to 60C Reset Button Supported **Certifications: UL-60950 with Test Report, CE for EMC, FCC, IK10, IP66, BIS (Should be available already on BIS)**	40
04	IP Camera (DOME)	4 Mega pixel WDR Network IR Dome camera 2.8mm lens, smart detectionLIKE people counting,Intrusion,FaceDetectionDefocus, Scene change detectionCross Line Detection Upto 120db WDR Smart IR range upto 30 M 1k10VANDAL Proof**(Certificate Required)** Video compression: H.265, H.264,MJPEG Frame Rate: Mainstream – 4MP upto 25 fps, 3MP upto 30 fps Thirs Stream- Upto 30 fps Corridor mode: 9:16 supported	24

		ROI, Two way audio, Alarm Input & Output, customized OSD Supported 3D Digital Noise reduction Network: 10/100 M Base TX Ethernet Ingress Protection: IP66**(Certificate Required)** Wide temperature range 35C to 60C **Certifications: UL-60950, CE for EMC, FCC, IK10, IP66, BIS (Should be available already on BIS)**	
05	**IP Camera (PTZ Dome)**	2 Mega pixel IR Network 7" PTZ Dome camera 30X minimum Optical Zoom Smart IR range upto150 M Video compression: H.264,MJPEG Frame Rate: Mainstream – 1080Pupto30 fps, 720P upto 30 fps Audio Compression G.711 Edge storage Upto 128GB Smart Function lik e Intrusion Cross line etc Digital Zoom, Two way audio, customized OSD Supported Pan: 360 degrees @ 240 degrees per second Tilt: 90 degrees @ 160 degrees per second Number of preset : 255 Up to 16 patrols and Up to 32 presets per patrol Per pattern recording time not less than 15 minutes Special design to sustain bad weather Snow – Removing function Effective Heat dissipation system 6Kv Surge Protection **Certifications: UL-60950 with Test Report, CE for EMC, FCC, IK10, IP66, BIS (Should be available already on BIS)**	**02**
06	**Storage**	4 TB Western Digital Hard disk	**08**
07	**CAT6 Cable**	CAT 6 (305M) Cable bundle (D-Link/AMP/MoleX)	**15**
08	**POE Switch**	8 port POE switch with 2 SFP modules 8 port 10/100/1000 Mbps POE 2 SFP 1000 Mbps modules Switching capacity 20 Gbps Max. Packet forwarding 14.88 Mpps IEEE 802.3af/802.3at POE standard POE- 130W budget Support High powered Pan/Tilt PTZ cameras 6kv surge protection	**16**
09	**POE Injector**	12V POE injectors	**10**
10	**Fiber patch cable**	LC-LC Fiber patch cable	**32**
11	**Wall Rack**	Wall Rack Box (Out Door)	**15**
12	**SFP Transceiver**	Single Mode Gigabit SFP Transceiver Hot pluggable Connector type LC Max. distance up to 10 KM	**32**

		Optical receiver sensitivity -20dBm (max)	
13	G.I Pipe	20 Feet G.I Pipe with welding and cement work	15
14	Wall Rack	6U Wall Rack (In Door)	02
15	Display	55" LED Display (LG/SAMSUNG/PANASONIC) with wall mount kit	01
16	Display	40" LED display (LG/SAMSUNG/PANASONIC) with wall mount kit	02
17	UPS	1000VA UPS with 40 Mts backup	16
18	Installation	Charges for laying CAT6 cable in PVC/Cassing-capping (meters)	4500
19	Installation	Installation, Configuration and Commissioning of IP cameras, NVR	LS
	Authorization letter	Authorization letter from Manufacturer of IP Camera and NVR	

Note:

1. NVR, IP Cameras should be same Make.
2. POE Switches Should support the power requirement of IP cameras
3. Authorization letter from manufacturer for IP cameras and NVR is mandatory.
4. Supplier should have experience with the similar kind of projects.