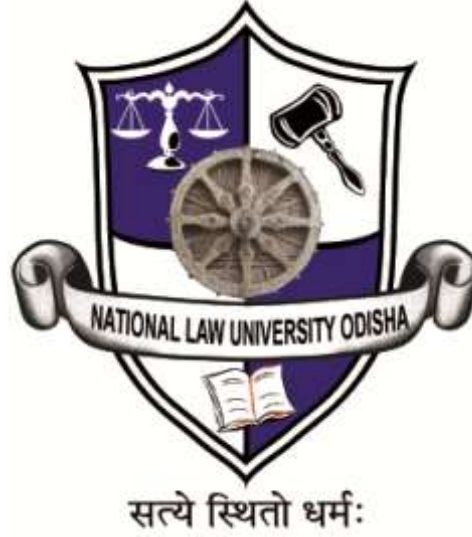


**Enquiry of Quotations**  
**For**  
**Implementation (Supply, Install and Commissioning) of IP Surveillance System**



Lt./Ref. No.: NLUO/ACAD/10820/2017  
Date: 27/06/2017

National Law University Odisha, Cuttack,  
Kathajodi Campus , SEC - 13, CDA,  
Cuttack – 753015, Odisha (India),  
Ph.: +91 671 2338005

**Enquiry of quotation for implementation (supply, install and commissioning) of IP Surveillance System**

Sealed quotations are invited for supply of the articles, detailed in the Table-A below. Quotation must be submitted in tabular format as in Table-A. Quotations in company's pad will also be acceptable. The quotations should reach this office by not later than **12.30 hrs.** on ...../...../2017. Sealed quotations submitted by the vendors will be opened on ...../...../2017 at 13:00 hrs. The envelope containing the quotation shall be superscribed as "Quotation for implementation of IP Surveillance System" and quotation received without this superscription will have the risk of not being considered. Quotations received after the specified time and date will not be considered.

Sl. No.	Item Description	Make and Model	Unit Price	Qty	Total Price	VAT/Service Tax	Total
01	Indoor day & night HD Dome Camera, PoE enabled. <i>Detail specification as per attached datasheet (ANNEXURE - 1).</i> [Camera Should compatible with existing Dahua DH-NVR4832-4K NVR]			10			
02	Outdoor day & night HD Network IR Bullet Camera, PoE enabled. <i>Detail specification as per attached datasheet (ANNEXURE - 1).</i> [Camera Should compatible with existing Dahua DH-NVR4832-4K NVR]			05			
03	Galvanized Iron Pole 10-12' height for outdoor camera installation [Supply, installation/ Mounting, Commissioning and silver painting.]			2			
04	Road Cutting with filling per meter			Tentative 30 mtr. [Billing will be as per actual]			
05	STP Cable With Cable Laying with conduit pipe/ PVC pipe etc.			Tentative 160 mtr. [Billing will be as per actual]			
06	Weatherproof Aluminium Camera Housing			05			
07	Accessories with description (if any)						
08	Miscellaneous charge if any						
<b>Grand Total</b>							
<b>Amount Payable: (In words)</b>							In digits

## Table-A

### **THE QUOTATIONS SHOULD SATISFY THE FOLLOWING TERMS AND CONDITIONS:**

1. The rate quoted should be valid till three month. If the rate is valid for any specific period the same may be mentioned.
2. Rate should be quoted for delivery and onsite support during the Guarantee and Warranty period F.O.R./destination, i.e. National Law University, Odisha, CDA, SEC-13, Cuttack-753015 (Odisha).
3. Supplier/vendor should be able to supply and Install the articles in Table-A, within 7 working days of supply order.
4. Complete quotation with specifications (Make/Model) of the articles rate, quantity, amount etc. should given in the quotation.
5.
  - a) If taxes, duties or any other charges over and above the rate quoted are payable by the purchaser actual/percentage of such taxes duties of charge should be separately and clearly indicated.
  - b) Sales Tax Registration no. and date, Income tax account number shall be quoted.
6. Price once quoted are final, Inquires regarding rate will not be entertained.
7. There should be no cutting, overwriting etc. in the rates in the quotations. Quotations with overwriting, cutting etc are liable to be rejected.
8. Comprehensive Original Equipment Manufacturers(OEM's) onsite after sales warranty and support shall be applicable to the supplied goods for a period of three years from the date of acceptance.
9. The bidder has to submit ink-signed Original Equipment Manufacturers(OEM's) authorization (in OEM's letter head) along with the bid in the format attached in ANNEXURE - 2, with a commitment from OEM to provide after sales warranty and support.
10. In case the partner failed to resolve the technical issue of the IP surveillance system, OEM should be responsible and resolve the issue.
11. Preference will be given to the brand whose OEM's office / Service centre is in Cuttack or Bhubaneswar.
12. Compliance chart should be clearly attached along with the bid. Supply the Technical datasheet also. Compliance chart must match with the Technical Datasheet.
13. Quantity may vary as per actual requirement at the time of order/Installation.
14. Quotations not complying with the above conditions are liable to be rejected. The authority reserves the right to impose any other condition as deemed necessary in dealing the subject.
15. In view of the wide publicity the details are also available in our website ([www.nluo.ac.in](http://www.nluo.ac.in)), may be seen.
16. Security deposit up to 5% of the tender value will be deducted from the bill and

will be kept till the completion of warranty period plus one additional month. The supplier may opt to furnish Bank Guarantee of FDR equal to the sum in lieu of it.

17. Payment will be made by cheque after satisfactory completion of supply, testing and receipt of bill in triplicate.
18. Preference will be given to the firm, if Manufacture/ Sole distributor/Channel partner.
19. May feel free to contact on Ph. +91 671 2338005, E-mail: [itsupport@nluo.ac.in](mailto:itsupport@nluo.ac.in).
20. The Vice – Chancellor, NLUO, Cuttack reserves to himself the right to accept or reject any or all the quotations either in part or in full without assigning any reason thereof.
21. All disputes including Court Proceedings shall be settled within the Cuttack Jurisdiction only.

Sd/-  
Registrar (I/C)

### Technical Compliance Statement

A Indoor Dome IR Network Camera			
S.No.	Description	Technical parameters	Compliance (Y/N)
1	Sensor	The camera should be equipped with a minimum of 1/3" CMOS sensor applying progressive scan technology to record more fluid footage and avoid distortion created by moving objects.	
2	Total mini. Pixels	Minimum 2048 * 1536 or higher for high definition video quality	
3	Frame Rate	The camera should capture images at a frame rate of 20fps @ 3MP so as to give a swift video output even in case of fast moving objects.	
4	Video Compression	H.264, H.264_High Profile & MJPEG	
5	Lens	The camera should be provided with an OEM fitted 3.6mm Fixed Lens	
6	Privacy Masking	Camera should support up to 4 areas of privacy masking	
7	Minimum Illumination	Color 0.01Lux/F2.1, 0Lux/F2.1(IR on)	
8	ICR	The camera shall incorporate a physical ICR filter for quality images both during day and night	
9	IR Distance	The camera should have inbuilt IR and cover distance upto 30 Mtr or above	
10	Video Streaming	The camera should output a master and a slave stream that are individually configurable	
11	Corridor Mode	Camera should support Corridor Format that allows cameras to maximize video surveillance in narrow vertical situations	
12	Backlight Compensation	BLC should allow adjusting the gain of the camera to improve exposure of the subjects that are in front of a bright light source	
13	Wide-Dynamic-Range	The camera should give a Digital WDR range	
14	Noise Reduction	3D-DNR	
15	Pre/Post Event Buffering	The camera should support a least of 3 seconds of pre & post event buffering.	
16	Event Notification	Through Relays, E-Mails or FTP	
17	Network	IPv4/IPv6, HTTP, HTTPS, TCP/IP, UDP, UPnP, ICMP, IGMP, RTSP, RTP, SMTP, NTP, DHCP, DNS, PPPOE, DDNS, FTP, IP Filter, QoS	
18	Security	Security Password protection, HTTPS (SSL, TLS), IP filtering, IEEE 802.1X	
19	Others	Exposure Control, AGC, White Balance	
20	Network Ethernet	RJ-45 (10/100Base-T)	
21	Compatibility	PSIA / CGI	

22	Power Source	The network camera shall support industry standard Power over Ethernet (PoE) IEEE 802.3af to supply power to the camera over the network and DC12 V to supply local power in case of longer distance where PoE is not possible.	
23	Power Consumption	Not to exceed 5W	
24	Smart Phone	It should support remote monitoring over iPhone, iPad, Android and Windows Phone including desktop/PC	
25	Operation Temperature/Humidity	-30 °C to 60 °C / Less than 95% RH	
26	Weather Proof Standard	IP67 rated weather proofing standards	
27	Open Protocol	ONVIF ver 2.2 or higher	
28	Certifications	UL,FCC ,CE, ISO certified	

### Technical Compliance Statement

B	Outdoor Bullet IR Network Camera		
Sl. No.	Description	Technical parameters	Compliance (Y/N)
1	Compression	H.264+/H.264	
2	Image Sensor	1/3" 3Megapixel progressive CMOS	
3	Focal Length	2.7mm~12mm	
4	Focus	Motorized(-ZS),Manual(-VFS)	
5	Day/Night Functionality	Auto(ICR) / Color / B/W	
6	IR Illumination Distance	Distance up to 60m(197ft)	
7	Sensitivity	0.1Lux/F1.4(Color), 0Lux/F1.4(IR on)	
8	Exposure	Auto/Natural/Street Lamp/Outdoor/Manual	
9	Noise Reduction	3D DNR	
10	Privacy Masking	Off / On (4 Area, Rectangle)	
11	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;	
12	BLC Mode	BLC / HLC / DWDR	
13	Edge Storage	NAS(Network Attached Storage) Local PC for instant recording Micro SD Card 128GB	
14	RAM/ROM	256MB/16MB	
15	interoperability	ONVIF, PSIA, CGI	
16	S/N Ratio	More than 50dB	
17	Ethernet	RJ-45 (10/100Base-T)	
18	Smart Phone	IOS, Android	
19	DORI Distance	Lens Detect Observe Recognize Identify W 62m(203ft) 25m(82ft) 12m(39ft) 6m(20ft) T 175m(574ft) 70m(230ft) 35m(115ft) 18m(59ft)	

20	Resolution	3M(2304×1296)(2048×1536)/ 1080P(1920×1080)/1.3M(1280×960)/ 720P(1280×720)/D1(704×576/704×480)/ CIF(352×288/352×240)	
21	Bit Rate Control	CBR/VBR	
22	Power Supply	DC12V PoE (802.3af)(Class 0)	
23	Power Consumption	< 12.95W	
24	Dimensions	72mm×80mm×212.8mm ((2.8" x 3.1"x 8.4"))	
25	Operating Conditions	-30° C ~ +60° C (-22° F ~ +140° F) / Less than 95% RH	
26	Ingress Protection	IP67	
27	Product Certifications	CE, FCC, UL	

MANUFACTURERS' AUTHORIZATION FORM

To,  
Registrar (I/C),  
National Law University Odisha  
SEC-13, CDA,  
Cuttack – 753015.

Date:

Dear Sir,

With reference to Bid(Lt. No./Ref. No.):

We \_\_\_\_\_ who are  
established \_\_\_\_\_ and \_\_\_\_\_ reputable \_\_\_\_\_ manufacturers  
of \_\_\_\_\_  
(name and descriptions of goods offered) having Corporate office at  
\_\_\_\_\_  
(address of office) do hereby authorize M/s  
\_\_\_\_\_ (Name and address of Agent) to  
submit a bid, and sign the contract with you for the goods manufactured by us  
against the above Bid.

We hereby extend our full guarantee and warranty as per Clause 8, 9 and 10 of the  
Terms and Conditions of quotation enquiry for the goods and services offered for  
supply by the above firm against this bid.

Yours faithfully,  
(Signature, Name & Business address with contact details)