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IITK/CSE/2015-16/66
Jan 13, 2016

Sub. Purchase of the IP-Camera for the Institute Surveillance

We are interested in purchasing around 12 to 15 (or more) IP based surveillance Cameras, having following configuration. Please send sealed quotation along with technical specs & documents for the same. The envelope must be inscribed with "**CSE Quotation for IP-Camera (Jan 2016)**". Read annexure A1 before quoting.

1. Bullet IR IP Camera (Static) Outdoor

ONVIF (*Open Network Video Interface Forum*) compliant

Lens Diameter (in mm)	3 -12 mm or better
IR Range (in Meters)	25 M minimum
Enclosure	IP66 (Water & Dust Proof). External suitable IP66 Enclosure may be used if camera is not IP66 complained)
Shutter Speed	Up to 10000/Sec
Motion Detection	Y
HLS (High Light Suppression)	Y
BLC (Back Light Compensation)	Y
WDR (True)	Y
Resolution (Mega Pixel)	1.3 Megapixels /HD (Recording with lower resolution must be possible)
Optical Sensor	Exmor/Aptina CMOS or better
FPS (Frame per Second)	15-25 @1024
2D Noise Reduction	Y
Data Compression	H.264, MPEG4, MJPEG
Data Streaming	H.264, MPEG4, MJPEG
Direct Storage	NAS/FTP
802.3af compliant PoE (Power over the Ethernet)	
Protocol Support	TCP/IP, HTTP/s, UPnP, RTSP/RTP/RTCP IGMP, SMTP, FTP, DHCP, DDNS, PPOE
PoE	{ 150-500 ma) In Day time current will be less and in night time due to activation of IR it will draw more power (ma).

Note:

1. One may quote as many options as he can.
2. PMC (Preventive Maintenance Contract) Cost must be mentioned separately
3. Please find Annexure A1 for the Service Level Requirement (SLR) details
4. All quotation must reach undersigned on or before **Jan 27, 2016 at 1500 hrs.**
5. Quotation must be valid for 90 days after last date of quotation submission.
6. All prices are to be FOR IIT Kanpur.
7. Delivery period should not be more than 4 weeks.
8. IITK is exempted from excise/custom duty.
9. **Payments terms: 90% on installation and 10% satisfactory report**

B.M. Shukla

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Indian Institute Of Technology
Kanpur 208 016 (India)

Service Level Requirement (SLR):

1. Maintenance Engineer must be stationed in Kanpur else the quotation will be rejected.
2. Single point of contact in Kanpur for any service related issues.
3. No Call Locking will be entertained (in/out stationed). If at all it is required then it will be performed by local Maintenance Engineer.
4. Preventive Maintenance frequency is at every 3 months. Every camera will be cleaned properly. There should not be any visibility problem due to dirtiness.
5. Onsite camera replacement time should not be more than 2 hours
6. Resolving time should not be more than 2 business days

Other points for clarification:

1. Required power, suitable pole for mounting etc will be provided by IIT Kanpur through IWD. Vendor need not to worry about any kind of pole and power setup.
2. Most of the cameras will take power through PoE. IIT Kanpur will provide PoE network connections to cameras through already installed PoE switches. Required network connection, IP address etc will be provided by IIT Kanpur. Vendor need not to worry about any kind of networking setup.
3. Vendor has to install the camera which will store data through FTP into predefined Linux based storages. IIT Kanpur has already purchased & installed storages.