



INDIAN INSTITUTE OF TECHNOLOGY KANPUR

CENTRAL STORES & PURCHASE SECTION

IIT Post Office Kanpur - 208 016

Under certificate of posting

Phone : 91-512-2597214, 7384

Fax : +91-512-2597659

Email : purchase@iitk.ac.in.

Enquiry No : E/2016-2017/30

Enquiry Date : 09/11/2016

Closing Date : 24/11/2016

Delivery Date: 15 Days

Dear Sir ,

Sealed Quotations so as to reach latest by 3:00 PM on dated 24/11/2016 are invited for the supply of following items :

SI No.	Description	Quantity	Unit
1	BULLET IR IP CAMERA (STATIC) OUTTDOOR ONVIF(OPEN NETWORK VIDEO INTERFACE FORUM) COMPLIANT ALL SPECIFICATIONS AND DETAILS AS PER ATTACHED ANNEXURE	9	NOS
2	PTZ IR IP CAMERA OUTDOOR(DOME CAMERA) ONVIF(OPEN NETWORK VIDEO INTERFACE FORUM) COMPLIANT ALL SPECIFICATIONS AND DETAILS AS PER ATTACHED ANNEXURE	5	NOS

1. Suppliers are requested to submit authorization letter from their manufacturer, failing which their quotation may not be considered. 2. Enquiry must be submitted in two bid system i.e. "Technical Bid" & "Financial Bid" in separate sealed envelope. These two envelopes should be packed in a separate big envelope and sealed.

Sd/-

Dy. Registrar (S&P)
Central Store & Purchase Section



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Terms & conditions for supply of above mentioned articles

1. Enquiry will be sent by courier / registered post / speed post and IIT Kanpur will not be liable for any kind of irregularity/delay.
2. The quotation in duplicate should be enclosed in a properly sealed envelop addressed to the Dy. Registrar(S&P) invariably giving on the envelope reference of enquiry and due date of opening.
3. The quantity mentioned in enquiry is and shall be deemed to be only approximate and will not in any manner be binding on the Institute.
4. Firms will quote separately for each article.
5. The Rate offered should be free delivery to IIT Kanpur or Ex-godown in case of firms situated outside Kanpur.If items is imported then the firms should quote the price on F.O.B. basis.
6. In case of Ex-godown terms the amount of packaging, forwarding freight etc. should clearly be mentioned by percentage or lump sum amount. Current rate of tax as and other statutory levies must be mentioned.
7. The rates offered should be exclusive or inclusive taxes. The rates applicable should clearly be specified .
8. The delivery period should be specifically stated. Ex-stock and earlier delivery may be preferred.
9. The firms are requested to give detailed description and specification together with detailed drawings and printed leaflets and literature of the articles quoted. The name of manufacturers and country of manufacture should also be invariably be stated. In the absence of these particulars the quotation is liable for rejection.
10. Samples wherever asked for will not be paid for. These should be delivered in the office of the undersigned securely labeled and packed. In case of firms who submit the sample through railway and road transport the freight should be prepaid and R/R should be in favour of the Dy. Registrar, Stores and Purchase Section. Indian Institute of Technology, Kanpur-208016.
11. Quotation should have validity of at least 90 days from the date of opening.
12. The rates quoted should be in metric units, otherwise your quotation is liable to be ignored.
13. The right to reject all or any of the quotations and to split up the requirements or relax any or all of the above conditions without assigning any reason is reserved.
14. All the consignments must be securely packed and booked duly insured addressed to the Dy. Registrar (S&P) IIT Kanpur - 208016
15. Institute is exempted for payment of Excise Duty under notification No. 10/97 & partially @ 5.15% Custom Duty exemption certificate under notification 51/96 and road permit will be provided if applicable.
16. The Penalty @ 1% per week or part thereof subject to a maximum of 10% of the delivery price will be deducted from the balance payment if supply is not completed within stipulated period.
17. The Concessional Form 'C/D' have been abolished w.e.f. 01.04.2007.
18. Our standard payment terms & condition is 90% against delivery and 10% after inspection and approval.
19. Supplier should mention complete contact details such as email etc.

Sd/-

Dy. Registrar (S&P)
Central Store & Purchase Section

Annexure-A

We are interested in purchasing 14 (no. may vary) IP based surveillance Cameras, having following configuration .Please read Service Level Requirement (SLR) and other points for clarification before quoting.

1. Bullet IR IP Camera (Static) Outdoor

Quantity: 09

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 compliance)
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)	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	
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).

2. PTZ IR IP Camera Outdoor (Dome Camera)

Quantity: 05

ONVIF (*Open Network Video Interface Forum*) compliant

Zoom	minimum 30X (Optical)
Lens	5 to 120 mm
IR Range (in Meters)	minimum 120 M
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	Yes
HLS (High Light Suppression)	Yes
BLC (Back Light Compensation)	Yes
WDR (True)	Yes
Resolution (Mega Pixel)	min 2 MegaPixel Full HD (Recording with lower resolution must be possible)

Optical Sensor	Exmor/Aptina CMOS or better
FPS (Frame per Second)	15-25
3D Noise Reduction	
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
Static/PTZ	
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)

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
7. Downtime penalty will be charged.

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 through CC. 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 has already purchased & installed two storages of capacity 70 TB each.
4. Camera mounting kits (for wall or pole) will be provided by the vendor at the time of installation.
5. Every page of the technical bid as well as the financial bid must be signed by the competent person under seal and form at "Annexure-B" must be completely filled and to be enclosed with Technical Bid.
6. The bids will be accepted in two wax sealed envelopes, super-scribed as "Technical Bid for IP-Camera (NOV 2016)" and another as "Financial Bid for IP-Camera (NOV 2016)". Further, both the envelopes should be packed in one single wax sealed envelope super-scribed as "Quotation for IP-Camera (NOV 2016)".

7. The financial bids shall be opened after evaluation of the technical bids only for those companies who qualify the technical evaluation stage. Institute reserves the right to reject any or all the tenders/bids without assigning any reason thereof.

For any query / Clarification please contact security officer IIT Kanpur during working days between 1000 hrs to 1700 hrs on telephone no. 0512- 6797444, 0512-2590414, email ID ssandeeep@iitk.ac.in .

Annexure-B

PTZ DOME IP CAMERA OUTDOOR

NAME OF THE FIRM _____

MODEL NUMBER: _____ MAKE: _____

SNO	SPECIFICATION	COMPLIANCE	DOCUMENT ATTACHED{IF YES PLEASE SPECIFY ATTACHED DOCUMENT ATTACHMENT SERIAL NUMBER (Attachment No)}	REMARKS
01	ONVIF (<i>Open Network Video Interface Forum</i>) compliant	YES/NO	YES/NO (Attachment No.)	
02	Lens Diameter (in mm): 3 -12 mm or better	YES/NO	YES/NO (Attachment No.)	
03	IR Range (in Meters): 25 M minimum	YES/NO	YES/NO (Attachment No.)	
04	Enclosure: IP66 (Water & Dust Proof). External suitable IP66 enclosure may be used if camera is not IP66 complained)	YES/NO	YES/NO (Attachment No.)	
05	Shutter Speed: Up to 10000/Sec	YES/NO	YES/NO (Attachment No.)	
06	Motion Detection	YES/NO	YES/NO (Attachment No.)	
07	HLS (High Light Suppression)	YES/NO	YES/NO (Attachment No.)	
08	BLC (Back Light Compensation)	YES/NO	YES/NO (Attachment No.)	
09	WDR (True)	YES/NO	YES/NO (Attachment No.)	
10	Resolution (Mega Pixel): 3 Megapixels /HD (Recording with lower resolution must be possible)	YES/NO	YES/NO (Attachment No.)	
11	Optical Sensor :Exmor/Aptina CMOS or better	YES/NO	YES/NO (Attachment No.)	
12	FPS (Frame per Second) :15-25 @1024	YES/NO	YES/NO (Attachment No.)	
13	2D Noise Reduction	YES/NO	YES/NO (Attachment No.)	
14	Data Compression :H.264, MPEG4, MJPEG	YES/NO	YES/NO (Attachment No.)	
15	Data Streaming :H.264, MPEG4, MJPEG	YES/NO	YES/NO (Attachment No.)	
16	Direct Storage :NAS/FTP	YES/NO	YES/NO (Attachment No.)	
17	802.3af compliant PoE (Power over the Ethernet)	YES/NO	YES/NO (Attachment No.)	
18	Protocol Support TCP/IP, HTTP/s, UPnP, RTSP/RTP/RTCP	YES/NO	YES/NO (Attachment No.)	
19	IGMP, SMTP, FTP, DHCP, DDNS, PPoE	YES/NO	YES/NO (Attachment No.)	
20	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).	YES/NO	YES/NO (Attachment No.)	

(Authorised Signatory)

BULLET IR IP CAMERA (STATIC) OUTDOOR

NAME OF THE FIRM _____

MODEL NUMBER: _____ MAKE _____

SNO	SPECIFICATION	COMPLIANCE	DOCUMENT ATTACHED{IF YES PLEASE SPECIFY ATTACHED DOCUMENT ATTACHMENT SERIAL NUMBER(Attachment No)}	REMARKS
01	ONVIF (Open Network Video Interface Forum) compliant	YES/NO	YES/NO (Attachment No.)	
02	Zoom : minimum 30X (Optical)	YES/NO	YES/NO (Attachment No.)	
03	Lens 5 to 120 mm	YES/NO	YES/NO (Attachment No.)	
04	IR Range (in Meters) minimum 120 M	YES/NO	YES/NO (Attachment No.)	
05	Enclosure: IP66 (Water & Dust Proof). External suitable IP66 Enclosure may be used if camera is not IP66 complained)	YES/NO	YES/NO (Attachment No.)	
06	Shutter Speed: Up to 10000/Sec	YES/NO	YES/NO (Attachment No.)	
07	Motion Detection	YES/NO	YES/NO (Attachment No.)	
08	HLS (High Light Suppression)	YES/NO	YES/NO (Attachment No.)	
09	BLC (Back Light Compensation)	YES/NO	YES/NO (Attachment No.)	
10	WDR (True)	YES/NO	YES/NO (Attachment No.)	
11	Resolution (Mega Pixel) min 2 MegaPixel Full HD (Recording with lower resolution must be possible)	YES/NO	YES/NO (Attachment No.)	
12	Optical Sensor:Exmor/Aptina CMOS or better	YES/NO	YES/NO (Attachment No.)	
13	FPS (Frame per Second) 15-25	YES/NO	YES/NO (Attachment No.)	
14	3D Noise Reduction	YES/NO	YES/NO (Attachment No.)	
15	Data Compression H.264, MPEG4, MJPEG	YES/NO	YES/NO (Attachment No.)	
16	Data Streaming H.264, MPEG4, MJPEG	YES/NO	YES/NO (Attachment No.)	
17	Direct Storage NAS/FTP	YES/NO	YES/NO (Attachment No.)	
18	802.3af compliant PoE (Power over the Ethernet)	YES/NO	YES/NO (Attachment No.)	
19	Protocol Support TCP/IP, HTTP/s, UPnP, RTSP/RTP/RTCP, IGMP, SMTP, FTP, DHCP, DDNS, PPOE	YES/NO	YES/NO (Attachment No.)	
20	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)	YES/NO	YES/NO (Attachment No.)	

(Authorised Signatory)
Name & Designation