

	<p>भारतीय प्रौद्योगिकी संस्थान पालक्काड Indian Institute of Technology Palakkad अहलिआ एकीकृत कैम्पस, कोज़िपारा Ahalia Integrated Campus, Kozhipara पालक्काड- 678557 Palakkad – 678 557</p>	<p>दूरभाषसंख्या/ Phone no: 04923 – 226300/590/586 ईमेल/ Email : purchase@iitpkd.ac.in</p>
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Ref No: IITPKD/HOS/ 018 / 2017

Date: 29.06.2017

Due Date of the tender: 14.07.2017@3.30 PM

TENDER FOR INVITING QUOTATIONS

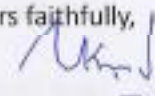
Dear Sirs,

On Behalf of Indian Institute of Technology Palakkad quotations are invited for "Supply, Installation, Testing and Commissioning of 25 CCTV Cameras and 3 DVR at New Hostel Block, IIT Palakkad" confirming to the specification in the Annexure.

1. **Preparation of Bids:** - The tenders should be submitted **under two-bid system** (i.e.) Technical bid and Financial bid. The technical bid should consist of all technical details along with commercial terms and conditions. No prices should be included in technical bid. Financial Bid should indicate item – wise prices for the items mentioned in the technical bid. The technical bid and the Financial should be put in separate cover and sealed. Both sealed covers should be put into a bigger cover. If it is single bid cover, the quotation will be rejected automatically.
2. The Quotations duly sealed and superscribed on the envelope **with the reference No. and due date, should be addressed to the undersigned so as to reach him on or before the due date stipulated above. Fax and Email quotation are not acceptable.**
3. The price should be quoted per unit and packing and delivery charges should be indicated separately for each item (Format attached). The offer/bids should be exclusive of Taxes and Duties, which will be paid by the purchaser as applicable. However the percentage and of taxes and duties as on date should be clearly indicated.
4. The Quotations should be valid for **sixty days** from the due date and the period of delivery required should also be clearly indicated.
5. If the item is under DGS&D Rate contract No. and the price must be mentioned. It may also please be indicated whether the supply can be made direct to us at the Rate contract price (Please note that we are not Direct Demanding Officers). If so please send copy of the RC.
6. **Local Firms:** Quotations should be for free delivery to this Institute. If Quotations for Ex-Godown delivery charges should be indicated separately.

7. Firms outside Palakkad: Quotations should be for **F.O.R. at IIT Palakkad**. If F.O.R. consignor station, freight charges by passenger train / lorry transport must be indicated. If Ex-Godown, packing, forwarding and freight charges must be indicated.
8. Goods shall not be supplied without an official supply order.
9. **Excise Duty & Custom Duty:** IIT Palakkad is exempted from payment of Excise Duty. Excise duty certificate will be issued after receipt of Proforma Invoice and the Custom Duty which will be paid at a concessional rate against duty exemption certificate.
10. **Supplier should be registered under GST, PAN and TIN. A copy of the same should be submitted along with tender, failing which the tender will be treated as invalid.**
11. **Payment:** Every attempt will be made to make payment within 30 days from the date of receipt of bill / acceptance of goods, whichever is later. No advance payment will be made. The Tenderer have to furnish the bank details along with tender like Account No, Account Name, IFSC Code etc.,
12. **Submission of Bids:** Quotation should be sent to the following address "**The Registrar, Indian Institute of Technology Palakkad, Ahalia Integrated Campus, Kozhipara, Palakkad -678 557, Kerala**", Phone No: 04923 226 300/ 590/586 , Email : purchase@iitpkd.ac.in
13. **Delivery Period:** The quotation should indicate clearly when delivery and installation will be made
14. **Delay in Supply or Liquidate damages:** If the supplier fails to deliver the stores within the time specified in the purchase order, the purchaser will recover from the supplier as liquidated damages a sum of one- half of one percent (0.5%) of the P.o value of the undelivered stores for each calendar week of delay. The total liquidated damages shall not exceed five percent (5%) of the P.o price of the unit or units so delayed. Stores will be deemed to have been delivered only when all their component parts are also delivered. If certain components are not delivered in time, the stores will be considered as delayed until such time as the missing parts are delivered.
15. **Late offer:** The quotation received after due date will not be considered. Please ensure that your offer is sent well in advance to reach the Institute by the due date.
16. **Warranty:** The bidder shall specify the warranty period clearly for the furniture.
17. **Acceptance and Rejection:** I.I.T Palakkad has the right to accept the whole or any parts of the Tender or portion of the quantity offered or reject it in full without assigning any reason.

Yours faithfully,


Registrar, IIT Palakkad

Encl : As above.



Tender Specifications

Scope of Work: Tender specification for the Design, Supply, Installation, Testing & Commissioning of 25 CCTV cameras and 3 DVR at IIT Palakkad New hostel.

Sl/ No	Items	Qty
1	IR HD DOME CAMERA _ - 3.6 MM LENS	
	1/3, 2 MP MP CMOS NTHWC1080 M	
	1.01 Lux @F 1.2 AGC ON 0 lux IR ON	
	F1.2	
	Auto (Icr)/ Colour /B/W External B/W	
	H : 100 Wide – 35.3 tele V : 74.6 WIDE – 26 TELE	
	36 Smart with 1080 P	
	OSD SUPPORT	
	3.6 MM LENS	
	INBUILT PS	
	1.3 M : 60 fps @ 12 bit	
	27 mhz frequency	
	1/3.2 diagonal 5.68 mm 3.5 um	
	Ceramic pkg	9
	Tbd analog 2.9 v + 0.2 v. IF : 1.8 V + 0.18 V DIGITAL 1.1V + 0.11V	
	2D /3D Noise reduction	
	1400 MV @high gain	
	650 mv @low gain	
	RGB and rgbw option - mechanical IRCF Free with 2 bandpass IRCF like cod	
	Built in WDR + ATR (digital overlap ; upto 130 db (dol 3f)	
	Static / dynamic	
	Analog 30 DB + DIGIAL 42 DB = TOTAL 72 D	
	CMOS Parallel 1.8 v : 108 mbps 16 bit MIPI CSI – 2 : 1 2/4 Lane, composite video out	
	NTSC / PAL (H : 720 / 960 /1280)	
	YUV/RAW	
	Ip 66 / over 500 m via 75 -3 coaxial cable	

	4.2 w max	
2	IR BULLET CAMERA - 3.6 MM LENS	
	1/3, 2 MP MP CMOS NTH WC1080 M	
	1.02 Lux @F 1.2 AGC ON 0 lux IR ON	
	F1.2	
	Auto (lcr) Colour /B/W External B/W	
	H : 100 Wide – 35.3 tele V : 74.6 WIDE – 26 TELE	
	36 Smart with 1080 P	
	OSD SUPPORT	
	3.6 MM LENS	
	INBUILT PS	
	1.3 M : 60 fps @ 12 bit	
	27 mhz frequency	
	1/3.2 diagonal 5.68 mm 3.5 um	
	Ceramic pkg	
	Tbd analog 2.9 v + 0.2 v, IF : 1.8 V + 0.18 V DIGITAL 1.1V + 0.11V	5
	2D /3D Noise reduction	
	1400 MV @high gain	
	650 mv @ low gain	
	RGB and rgbw option - mechanical IRCF Free with 2 bandpass IRCF like ccd	
	Built in WDR + ATR (digital overlap ; upto 130 db (dol 3f)	
	Static / dynamic	
Analog 30 DB + DIGIAL 42 DB = TOTAL 72 D		
CMOS Parallel 1.8 v : 108 mbps 16 bit MIPI CSI – 2 : 1 2/4 Lane, composite video out		
NTSC / PAL (H : 720 / 960 /1280)		
YUV/RAW		
Ip 66 / over 500 m via 75 -3 coaxial cable		
4.2 w max		
3	IR BULLET CAMERA - 6 MM LENS	5

	1/3, 2 MP MP CMOS NTH WC1080 M	
	1.02 Lux @F 1.2 AGC ON 0 lux IR ON	
	F1.2	
	Auto (icr)/ Colour /B/W External B/W	
	H : 100 Wide – 35.3 tele V : 74.6 WIDE – 26 TELE	
	36 Smart with 1080 P	
	OSD SUPPORT	
	6 MM LENS	
	INBUILT PS	
	1.3 M : 60 fps @ 12 bit	
	27 mhz frequency'	
	1/3.2 diagonal 5.68 mm 3.5 um	
	Ceramic pkg	
	Tbd analog 2.9 v + 0.2 v, IF : 1.8 V + 0.18 V DIGITAL 1.1V + 0.11V	
	2D /3D Noise reduction	
	1400 MV @high gain	
	650 mv @ low gain	
	RGB and rgbw option - mechanical IRCF Free with 2 bandpass IRCF like uuu	
	Built in WDR + ATR (digital overlap ; upto 130 db (dol 3f)	
	Static / dynamic	
	Analog 30 DB + DIGIAL 42 DB = TOTAL 72 D	
	CMOS Parallel 1.8 v : 108 mbps 16 bit MIPI CSI – 2 : 1 2/4 Lane, composite video out	
	NTSC / PAL (H : 720 / 960 /1280)	
	YUV/RAW	
	Ip 66 / over 500 m via 75 -3 coaxial cable	
	4.2 w max	
4	IR BULLET CAMERA - 12 MM LENS	2
	1/3, 2 MP MP CMOS NTH WC1080 M	
	1.02 Lux @F 1.2 AGC ON 0 lux IR ON	

	F1.2	
	Auto (icr)/ Colour /B/W External B/W	
	H : 100 Wide – 35.3 tele V : 74.6 WIDE – 26 TELE	
	36 Smart with 1080 P	
	OSD SUPPORT	
	12 MM LENS	
	INBUILT PS	
	1.3 M : 60 fps @ 12 bit	
	27 mhz frequency'	
	1/3.2 diagonal 5.68 mm 3.5 um	
	Ceramic pkg	
	Tbd analog 2.9 v + 0.2 v, IF : 1.8 V + 0.18 V DIGITAL 1.1V + 0.11V	
	2D /3D Noise reduction	
	1400 MV @high gain	
	650 mv @ low gain	
	RGB and rgbw option - mechanical IRCF Free with 2 bandpass IRCF like ccd	
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	CMOS Parallel 1.8 v : 108 mbps 16 bit MIPI CSI – 2 : 1 2/4 Lane, composite video out	
	NTSC / PAL (H : 720 / 960 /1280)	
	YUV/RAW	
	lp 66 / over 500 m via 75 -3 coaxial cable	
	4.2 w max	
5	16 CHANNEL DVR	
	Embedded processor	
	Linux	
	16 ch bnc, hdmi vga bnc	1

	10w without hdd	
7	4 TB Surveillance Hard Disk	4
8	Balun	21
9	Power Connector Male & Female	21
10	Housing for Camera	4
11	6/4 Box	25
12	Rack for DVR	3
13	Data Cabling charges including fixing	per mts
14	Power Cables, material and Installation with power socket	per mts
15	Power socket with power box	as per actuals

Terms and Conditions:

1. Vendor have to install existing 8 channel DVR and 4 camera with above mentioned.
2. All tools/ ladder for erection should be brought by the vendor/contractor.
3. Casing and piping not required. Cables can be exposed.
4. No damage should be done to the floor or walls for laying the cables,. Reversible changes are allowed.
5. No cable should be exposed in moving space of the floor.
6. All materials used should be of good quality.
7. *3 Years onsite OEM Warranty should be clearly mentioned (Proof has to be submitted at the time of installation).*
8. *The product should match each and every specifications mentioned. The specification has to be mentioned clearly in the technical bid.*
9. *Compliance sheet for the specification & OEM Brochure has to be attached along with technical bid. Vendor has to fill the compliance sheet and mention page number or reference number in OEM brochure. Unfilled / partial filled sheets lead to disqualification.*
10. *Vendor has to highlight the specification in the OEM brochure.*
11. *All standard accessories to be supplied*
12. *The entire work has to be completed within 10 days from the date of receipt of Supply/Work Order.*
13. Replacement or standby equipment should be installed within 24 hours after registration of defective equipment during the warranty period.
14. *Payment will be given only after successful installation & configuration.*

Eligibility criteria: *The vendor must have installed SD camera / IP camera setup in any Government / Educational institution in last 2 years with minimum of 16 channel DVR/Camera . The Proof (Purchase Order/Performance Certificate) has to be attached with technical bid.*