

**DEPARTMENT OF MECHANICAL ENGINEERING  
I.I.T. KANPUR**

Ref. No. : Enq/ME/HT/2012/01  
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**Enquiry-Cum-Quotation for IR camera**

Sealed quotations are invited for purchase of an IR (infrared) camera of following specifications;

1. Camera should be fit & forget type fixed tripod mounting facility. Latest technology Uncooled microbolometers detector.
2. Temperature measurement range should be from -20°C to 350°C. Focal Plan Array type with image resolution of 320 x 240 pixels. Camera should be fully controlled from the PC on site or in control room.
3. Minimum frame rate should be 30 Hz. 8-10X digital interpolating zoom should be available.
4. Accuracy should be +/- 2°C, +/- 2% of the reading. Thermal sensitivity should be at least 0.05°C at 30°C. Spectral range should be 7.5 to 13 μm.
5. Video Output should be available in the form of PAL/NTSC.
6. Open & well described TCP/IP protocols should be available for control & set-up.

Quantity – 1 No.

**Terms and Conditions:**

1. The quoted price in INR/US\$/EURO is on FOR destination (IIT Kanpur) basis.
2. The price includes installation and training cost, and all additional charges including freight, insurance, tax etc.
3. Discount: maximum educational-discount to be provided.
4. Warranty: no less than one year after installation.
5. Quotation validity: no less than 90 days from the date of quotation submission.
6. Quotations should carry proper certifications such as, agency certificates, proprietary certificates, printed company profile, detail technical specification, user-list with phone numbers.

Kindly mention "IR Camera: Enq/ME/HT/2012/01" on sealed envelope carrying quotations and additional literature including technical details. The envelope, duly sealed, should reach the above address on or before 27th January, 2012. Any questions, technical or otherwise should be directed to the undersigned via phone, fax, and/or e-mail.

Arun K Saha