

**DEPARTMENT OF ENGINEERING DESIGN
INDIAN INSTITUTE OF TECHNOLOGY IIT MADRAS**

Quotations are invited for a CCD or CMOS based camera for fluorescence imaging to be used for pre-clinical in-vivo fluorescence imaging.

Limited Tender No: EDD/GANA/2017-18/03/002 Date: 21.03.2018

The due date for receiving the quotation is 03.04.2018 (on or before 4:00 pm IST).

Dear Sir/ Madam,

1. Quotations are invited in duplicated for the various item shown below over leaf/enclosed list.
2. The quotations are to be enclosed in the envelope duly sealed and super scribed with reference number and date and due date must be addressed to the under signed so as to reach him on or before the due date stipulated above.
3. The quotations should be valid for **60 sixty days** from the due date and period of delivery required should be clearly indicated.
4. 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 .If so please send copy of the RC. (Please note that we are not Direct Demanding Officers).
5. Relevant Literature pertaining to the items quoted with full specifications. (And drawings if any) should be sent along with quotations, wherever applicable. Samples if called should be submitted free of charges and collected back at the supplier's expenses.
6. **Local firms:** Quotations should be for free delivery to this Institute. If quotations are for Ex – Godown delivery charges be indicated separately.
7. **Firms outside Chennai:** Quotations should be for F.O.R Chennai / F.O.B. Chennai / CIF Chennai (Including Insurance and Freight Charges). If Ex-Works, Packing, forwarding and freight charges must be indicated.
8. The rate of GST and HSN Code should be included in the quotation. IIT Madras is eligible for Concessional GST. The relevant certificate will be issued.
9. IIT Madras is exempt from IGST on import and is eligible for concessional rate of customs duty. Necessary certificate will be issued on demand. **(if it is cleared in the name of IIT Madras and a copy of Bill of Entry should be furnish).**
10. Goods should be **supplied by carriage paid and insured.**
11. Goods shall not be supplied **without an official supply order.**
12. **Payment:** Every short effort will be made to make payment within 30 days from the date of bill/acceptance of goods whichever is later.
13. The Guarantee period of the item may be indicated clearly.
14. **Acceptance and Rejection:-** IITM has the right to accept the whole or any part of the Tender or portion of the quantity offered or reject it in full without assigning any reason.
15. **The limited tender was posted in our institute web site also. (tender@iitm.ac.in).**
16. Any quotations received after the deadline prescribed above will not be accepted. The quotation (duly signed hard-copy) should be sent to the following address.

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Assistant Professor
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PROJECT CO-ORDINATOR
Department of Engineering Design
Indian Institute of Technology Madras
Chennai - 600 036.

Specifications

Item: CCD camera and control software.

Array : At least 512x512 pixel array, pixel size 15-30 microns.

Sensor Type: CCD.

QE: High QE (>70%) in the 500-600 nm range.

Exposure : 5 msec-15 minutes or frame rates exceeding 100 fps.

Cooling: 25 degrees below ambient ,controllable by software.

Software: Software modules to control various camera parameters like exposure, shutter.

Shutter : electronic/mechanical shutter.

Trigger: Remote triggering.

Pixel binning : 1x1 upto 8x8 depending on sensor size.

Mounting: C-mount

Digital Resolution : 12 bits or better


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