

अभियांत्रिकी अभिकल्प विभाग, भारतीय प्रौद्योगिकी संस्थान मद्रास, चेन्नै

Department of Engineering Design, Indian Institute of Technology Madras

LIMITED TENDER NO: EDD/GANA/2018-19/06/DSTX

Subject: INVITATION FOR QUOTATIONS FOR SUPPLY OF CMOS based Camera for fluorescence imaging to be used for pre-clinical in -vivo fluorescence imaging.

(Quantity: ONE NUMBER)

Dear Sir/ Madam,

1. Quotations are invited in duplicated for the various item shown below over leaf/enclosed list.
2. The Quotations should be valid for 60 days from the due date and the period of delivery required should also be clearly indicated.
3. **Local Firms:** Quotations should be for free delivery to this Institute. If quoted for Ex – Godown delivery charges be indicated separately.
4. **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.
5. Relevant literature pertaining to the items quoted with full specifications (and drawing, if any) should be sent along with the quotations, wherever applicable.
6. The rates of Goods and Service Tax (GST) and the percentage of such other taxes legally leviable and intended to be claimed should be distinctly shown along with the price quoted. Where this is not done, no claim for GST will be admitted at any stage and on any ground whatsoever. **The taxes leviable should take into consideration that we are entitled to have concessional Goods and Service Tax applicable to educational institutions run with no profit motive for which a concession.**
7. Goods should be supplied carriage paid and insured.
8. Goods shall not be supplied without an official supply order.
9. **Payment:** Every short effort will be made to make payment within 30 days from the date of bill/acceptance of goods whichever is later.
10. The Warranty of the item should be at least 12 months.
11. The Guarantee period of the item may be indicated clearly.
12. IIT Madras is eligible for concessional rate of custom duty. Necessary certificate will be issued on demand. IIT Madras will make necessary arrangements for the clearance of imported goods at the Airport /Seaport. Hence the price should not include the above charges.
13. **Acceptance and Rejection:** - IITM has the right to accept the whole or any part of the Tender or portion of the quantity offered or rejects it in full without assigning any reason.


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

Date: 19/06/2018

Department of Engineering Design, IIT Madras

Quotations are invited for a scientific CMOS based camera for fluorescence imaging to be used for pre-clinical in-vivo fluorescence imaging. **The due date for receiving the quotation is 4th July 2018 (on or before 5:00 pm IST).** The quotation (**duly signed hard-copy**) should be sent to the following address.

Address:

Dr. Ganapathy Krishnamurthi
Department of Engineering Design,
Indian Institute of Technology Madras,
Chennai 600036, India

Telephone: 044-22574745

Email: gankrish@iitm.ac.in

SPECIFICATIONS

Item: Scientific CMOS Monochrome camera and control software.

Array : At least 512x512 array with size < 10 microns.

Sensor Type: CMOS.

QE: High QE (>55%) in the 500-600 nm range.

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

Cooling: 25 degrees below ambient ,controllable by software.

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

Shutter : electronic/mechanical shutter.

Image scan shutter : Global shutter.

Trigger: Remote triggering (optional).

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

Mounting: C-mount

Digital Resolution : 12 bits or better

Note : Quote includes the power cable, external triggering wires and necessary accessories for the camera


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