

TenderRef. No. ASE1617136MUAYSRCH-010

Dated: 03.05.2018.

Due date: 18th may 2018 at 2.30.p.m.

Item name: Double shutter Ultra violet CCD camera for PIV application (as attached specification)

Qty.1no.

1. Tenders (**single bid system**) are invited in duplicate for the items shown overleaf (in Annexure I). The quotations duly sealed and superscribed on the envelope with reference no. and due date, should be addressed to the undersigned so as to reach on or before the due date mentioned above.
2. The quotations should be valid for sixty days from the due date and the period of delivery required should also be clearly indicated (refer specification for delivery)
3. The total cost of the equipment in terms of CIP Chennai should be clearly mentioned.
4. Terms of warranty and guarantee should be explicitly mentioned (refer technical specification)
5. Packing and delivery charges, customs and clearance duty should be clearly stated.
6. Goods shall not be supplied without an official supply order.
7. Local firms : Quotations should be for free delivery to this institute. If quotations for ex-godown delivery charges should be indicated separately.
8. Firms outside Chennai: Quotations should be for F.O.R. Chennai. 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.
9. The rate of sales / general taxes 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 sales / general taxes will be admitted at any stage and on any ground whatsoever. The taxes leviable should take into consideration that we are entitled to have 5% Concessional Sales Tax (GST) applicable to non-government educational institutions run with no profit motive for which a concession sales tax certificate will be issued at the time of final settlement of the bill.
10. Payment : Specify the mode of payment and if advanced payment has to be made. Every attempt will be made to make payment within 30 days from the date of receipt of bill / acceptance of goods, whichever is later.
11. IIT Madras is exempt from payment of excise duty and is eligible for concessional rate of customs duty. Necessary certificate will be issued on demand.
12. IIT Madras 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.
13. **The sealed quotation may be sent to**

The Manager,

Purchase and accounts section.

NCCRD Building

Behind Aerospace Engineering Dept., IIT Madras

Chennai – 600036

Ph. (O) +91-44-22579863

Specification for Double Shutter Ultra violet CCD camera for PIV application

- Image sensor : CCD
- Resolution (h x v) : <1400 x 1200 pixel
- Sensor format / diagonal : >=1/2" / 8 mm
- Shutter mode : Global
- Dynamic range : >1500 : 1
- Quantum efficiency : >=40 % @ approx.200 nm
- Spectral range : 190 nm to 1100 nm
- Max. frame rate : >=7fps
- Exposure/shutter time : <=1 μ s
- Dynamic range A/D : >12 bit
- Non linearity : < 1 %
- Interframing time : <=1 μ s
- Trigger input signals : Software / TTL level
- Data interface : USB
- Weight : <0.5kg
- Optical interface : C-mount
- CE certified

Additional requirements:

1. Three year onsite warranty should be provided after installation and commissioning of the equipment. Technical support should be provided, if any break down or malfunction of the equipment during the warranty period. Assurance in this connection should be provided by the vendor. All the expenses for installation, training and post sales technical support will be borne by the vendor. Vendors must provide free training to our technical staff for using this equipment.
2. Tender due date on 18-05-2018 at 2.30 p.m.
3. Vendors should provide continuous technical support and maintenance of equipment.
4. Vendors will be called to visit and give presentation/demonstration on the equipment after the supply. They need to provide the approximate date for this presentation.
5. Vendors must provide detailed documentation for the equipment, including calibration certificate, design certificate.
6. Vendors should have authorised service centre in India to attend problems in the camera during and after warranty period.

Contact details for technical clarification

Mr.Safeer.

Email: safeer.ss610@gmail.com

