



Department of Computer Science and Engineering  
Indian Institute of Technology Madras  
Chennai – 600 036  
Phone: 044-2257 4368/5384

Prof.V.KAMAKOTI

Dated: 19-06-2018  
Due Date: 5:00 PM on 04-07-2018

REF.NO. CSE/VKAM/2018/004/SUPA/SPLX

Dear Sir,

1. Quotations are invited in duplicate for the specification **shown below**/overleaf/enclosed list.
2. The quotations are to be **in two parts** as  
**Technical Offer and as Commercial offer:**  
The two parts of the offer are to be clearly marked on the envelopes. The two parts of the offer in separate envelopes must be enclosed in the one bigger envelope duly sealed and super scribed with reference number and due date and must be addressed to the undersigned so as to reach him on or before the due date stipulated above.
3. The quotations duly sealed and super scribed on the envelope with reference no. and due date, should be addressed to the undersigned so as to reach him or before the **due date** stipulated above.
4. Quotations should be valid for 60 days from the due date and period of delivery be indicated.
5. Local firms to quote for free delivery to this Institute. If quoted for Ex-Godown delivery charges be indicated separately.
6. Relevant literature pertaining to the items quoted with full specifications.
7. Sales Tax/General Taxes/ED if applicable and such other taxes legally leviable and intended to be claimed should be distinctly shown along with the price quoted. If this is not indicated no such claim will be admitted at any stage. The taxes leviable should take into consideration that we are entitled to have concessional Sales Tax applicable to Non-Government Educational Institutions run with no profit motive for which a concession is given. Sales Tax Certificate will be issued at the time of final settlement of the bill.
8. Goods should be supplied carriage paid and insured.
9. Goods shall not be supplied without an official supply order.
10. Every effort will be made to make payment within 30 days from the date of bill/acceptance of goods whichever is later.
11. The Guarantee period of the items should be for **3 years**.
12. In case of LC. Payment 90% of the payment will be made after completion of the supply. The balance 10% of the payment will be made after satisfactory installation of the equipment.
13. IIT Madras is exempt from payment of Excise Duty and 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.
14. **Acceptance and Rejection:-** I.I.T. 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.

Yours faithfully,

  
PROJECT COORDINATOR

**Quotations to be sent to:**

Prof.V.KAMAKOTI  
PROJECT COORDINATOR  
DEPT. OF COMPUTER SCIENCE AND ENGINEERING  
IIT MADRAS, CHENNAI – 600 036  
To be received before 5:00 PM on 04.07.2018.



## **SPECIFICATIONS OF THERMAL CAMERA**

1. Detector Type: Uncooled Microbolometer (Asi)
2. Spectral range: 8-14  $\mu\text{m}$
3. Sensitivity: <55mk
4. Shutter: Shutterless
5. Lens: 15 mm Focal length, f# 0.8
6. Focus Adjustment: Motorized focus adjustment from GUI
7. Pixel Resolution: 640 x 480
8. Control, PC interface: RS232/USB
9. Image Output: snapshot of image in digital form (12 bit or 16 bit resolution per pixel) through GUI
10. Video Output: Composite video 1 V p-p, 25 Hz, PAL Standard
11. Power Input: 12 VDC
12. Operating Temp: -20<sup>°</sup> C to +55<sup>°</sup> C
13. Dimensions  $\pm$  10% on each 85 mm x 89mm x 156 mm
14. Weight with 15 mm lens: 925 gm
15. Application GUI software for capture of Images