

**Government of India**  
**Bhabha Atomic Research Centre**  
**Post Irradiation Examination Division, Radiological Laboratories**  
**Trombay, Mumbai 400 085**

Tel: 25594047, Fax: 2550 5151

Ref: PIED/NHF/AB/2021/810A

29.11.2021

**To,**

**Sub: Fabrication and supply of C-mount Microscope camera, Quantity = Four Nos.**

Dear Sir,

Please send us your lowest quotation for the fabrication and supply of C-mount Microscope camera as per the technical specification and terms and condition given below:

**Scope of work:**

1. Fabrication and supply of following items.

**Technical Specification of C-mount Microscope Camera**


1.	Sensor	Sony IMX183 Exmor
2.	Sensor Type	Back-illuminated CMOS
3.	Sensor Size	1" class (13.3mm x 8.9mm, 15.8mm diagonal)
4.	Pixels	20MP
5.	Pixel Size	2.4µm x 2.4µm
6.	Transfer Method	Rolling Shutter
7.	Sensitivity	462mV @ 1/30s
8.	Frame Rate(s)	30fps@1824x1216
9.	Connectivity	USB 3.0 and USB 2.0
10.	Lens-mount	C-mount
11.	Cooling	2-stage Thermoelectric
12.	Power	12V 1A
13.	Software Compatibility	Windows (32/64 bit) XP/Vista/7/8/10, Mac OSX, Linux
14.	Hardware Compatibility	Intel Core2 2.8GHz, 2GB RAM
15.	Software features	<ul style="list-style-type: none"><li>• Live video preview</li><li>• Captures still images and video</li><li>• Time-lapse capture</li><li>• Exposure and white-balance controls</li><li>• Dark-field correction</li><li>• Digital binning</li><li>• Image processing</li><li>• Measurement tools, including lines, arcs, polygons</li><li>• Segmentation and counting tools</li><li>• Image-stitching, extended depth-of-field, HDR</li><li>• Fluorescence color-mapping</li></ul>
16.	Calibration kit	Yes, Required

2. Pre-dispatch inspection at works
3. Safe delivery to RLG Zonal Stores, BARC, Mumbai

**Terms and Conditions :**

1. The work is to be completed within 30 days of receiving the firm work order from us.
2. The sealed quotations shall reach the office of the Head PIED, New Hot Cells Facility, RLG, Mumbai – 85 on or before **13.12.2021 by Registered Post of Indian postal services.**
3. Please address your offer to: **Anil Bhandekar, SO/G, Post Irradiation Examination Division, RLG, BARC, Trombay, Mumbai-400 085.**
4. The quotations are to be sent in a sealed envelope with the following information marked on top of the envelope: “Quotation for C-mount Microscope camera”
5. Offers sent by telegram, telex, fax or e-mail will not be considered.
6. All taxes should be mentioned clearly.
7. Good & Services Tax @ 5%. The goods proposed to be fabricated on this work order are meant for research purpose of Research Institution under Department of Atomic Energy and are exempt from payment of GST in terms of Notification No. 47/2017 integrated tax (rate) dated 14.11.2017 issued by Ministry of Finance, Department of Revenue of Government of India. In the event of order, the Purchaser will make available the GST exemption certificate duly signed by the authorized officer in the Department of Atomic Energy
8. Quotation should be in the printed letter head /quotation format which should consist of Sales Tax Registration Number, PAN Number of the firm, Service Registration Number, etc.
9. **Quotation shall be signed by proprietor or authorized person and affix company seal.**
10. Computer generated quotation form will not be accepted.
11. Item is required for research purposes. Therefore, excise duty will not be applicable. The necessary excise duty exemption certificate will be issued. Supplier has to quote the price exclusive of excise duty.
12. Income Tax @2% will be deducted at source from your bill
13. Delivery period should be mentioned with all the possible consideration.
14. Payment will be made within 30 days from the date completion.

Yours sincerely,

  
**ANIL BHANDEKAR**  
Scientific Officer  
Government of India  
P.I.E. Division, B.A.R.C.  
Trombay, Mumbai - 400 085.

Anil Bhandekar  
SO/G, PIED