

## Request for quotation

Enquiry number: NWTf/SS/2017-18/IR Camera/21

Enquiry date: November 06, 2017

**Closing Date: November 20, 2017**

**Subject:** Purchase of Thermal Imaging Camera.

Sealed quotations are invited for the following items for purchase of Thermal Imaging Camera from the authorized suppliers:

S No	Description	Qty
1.	<p>A. IR camera should contain following features</p> <ol style="list-style-type: none"><li>1. Image Resolution: 640 × 480 pixels</li><li>2. Spectral range: 7.5- 14um</li><li>3. Sensor type: UFPA micro bolometer</li><li>4. Sensitivity (NETD): 0.03°C@+30°C(+86°F)/30mK</li><li>5. Accuracy: ±2°C (±3.6°F) or ±2% of reading</li><li>6. Frame rate in full resolution: 50 Hz</li></ol> <p>B. Software for IR camera control, and processing and post-processing of images</p> <ol style="list-style-type: none"><li>1. Research IR software compatible for Un-cooled as well as Cooled cameras.</li><li>2. View, record and store images at high speed</li><li>3. Post-processing of fast thermal events</li><li>4. Generate time-temperature plots from live images or recorded sequences</li><li>5. Advanced Start/Stop recording conditions</li><li>6. Unlimited number of analysis functions (Spot, Line, Area)</li><li>7. File organizer with Quick Collection and preview of sequences.</li><li>8. Zoom &amp; Pan allows a closer look.</li><li>9. Multiple user-configurable tabs for live images, recorded images or plot</li><li>10. Multiple windows, multiple analysis tools, image processing.</li></ol>	1

### **Terms and conditions:**

- Quotations should have a validity of minimum of 60 days
- Authorization certificate & proprietary certificate should be provided if applicable.
- The delivery time frame should be specifically indicated
- Quotation should be on FOB/FCA price.
- Since the items are going to be used for educational purpose, i.e. for teaching students and research purpose, maximum educational discounts should be applied.

### **Address for the quotation:**

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