

INDIAN INSTITUTE OF TECHNOLOGY KANPUR
Department of Electrical Engineering

Enquiry No.: - : EE/SA/INQ/2017-18/06

Opening Date: - 23/06/2017

Closing Date: - ~~10/07/2017~~ 17/07/2017

Sub: Inquiry for Handheld Thermal Imager Camera

We are interested in purchase of handheld thermal imager camera. Our organization is an educational institute of repute and liable to get **educational discount** from the manufacturer / supplier. Please specify the discount separately.

There will be **two steps in the tender process**:

1. Technical specifications should be put in one sealed envelope. SPECIFY company name and model number, and attach detailed technical specification for each part/component. Must also include detailed technical brochure.
2. Financial details i.e. budget quotation should be in a separate sealed envelope. This quotation will not be opened if technical details of the product do not match with our specifications.

Please send your **Sealed Quotation** to the undersigned for the same. The envelope should be marked as "**Handheld Thermal Imager Camera- EE/SA/INQ/2017-18/06**"

Items required:

Item required	Specifications	Quantity
Handheld thermal imager	Temperature Measurement Range: -20°C to 850°C Model Type: Handheld IP54 for easy use in both, laboratory and on field Thermal Sensitivity: Lesser than 0.05°C at 30°C Accuracy: At least $\pm 2^\circ\text{C}$ or $\pm 2\%$ (at 25 °C nominal, whichever is greater) Frame rate: between 9 Hz to 60 Hz Field of View: At least 24 °H x 17 °V Focus Mechanism: Auto/ Manual Spatial resolution: 1.31 mRad or better Detector Resolution: 320X240 (76,800 pixels)	1

	<p>Image/ Video storage feature: Yes (Both removable micro SD memory card and on-board flash memory)</p> <p>Should be able to capture both video and images.</p> <p>Interface for image/ video transfer: USB (include accessories required for USB connectivity)</p> <p>Screen: 5.7 in (14.4 cm) color VGA (640x480) or higher</p> <p>Operating Temperature: -10°C to 50°C</p> <p>Battery: At-least 2 hours of usage on battery</p> <p>Power: Should be capable of operating directly on 230V, 50Hz nominal supply</p> <p>Built-in digital camera (for visible light): at least 5MP</p> <p>Warranty: At least 3 years complete on-site warranty including parts, labour and transport (in case of extended warranty, appropriate price should be clearly mention in budget quotation)</p>	
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Note:

1. Your quotation shall contain Authorization Letter from manufacturer.
2. Quotation must be valid for minimum of 90 days.
3. Delivery period should not be more than 10 weeks and delivery should be at IIT Kanpur or CIF New Delhi.
4. Send complete detail of the product(s).
5. Payments terms: 90% on installation and 10% on satisfactory report (FOR IIT Kanpur) and LC (CIF New Delhi)
6. Price must include all taxes and charges (including delivery, installation etc.)
7. IITK has exemption on excise and custom duty. Suitable certificate would be provided if required by the supplier.
8. All prices are to be FOR IIT Kanpur or CIF New Delhi.
9. The Institute reserves the right of accepting and rejecting any quotations without assigning any reason.

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