

College of Engineering Trivandrum, Thiruvananthapuram

NOTICE INVITING TENDER

P3/633/19/CET

09.12.2019

Tender No.	:32/P3/19/EEE
Superscription	:Purchase of Thermal Imager for Research lab of Electrical Engineering Department of this institution
Last date and time of receipt of tender on the website (www.etenders.kerala.gov.in)	:06/01/2020 3 PM
Date and time of opening of tender	:08/01/2020 11 AM
Date up to which the rates are to be firm	:08/07/2019
Bidding fee	:Rs.944/-(Rs.800/-+18% GST)
EMD required	:Rs.3717/-
Address of the Officer to whom hardcopy is to be send.	:THE PRINCIPAL, COLLEGE OF ENGINEERING TRIVANDRUM, THIRUVANANTHAPURAM-695016, GSTIN:32AAAAGC0358L1ZP

General conditions

- 1.The price quoted should be inclusive of all taxes, freight charges, unloading charges, installation and commissioning charges and should be furnished unambiguously.
- 2.Payment: 100 % after successful supply, installation, commissioning and demonstration.
- 3.Delivery Period: Maximum Delivery period will be 60 days from the date of receipt of supply order.
- 4.Agreement as per NIT 2 in Rs.200/- Kerala Stamp Paper and tender form should be uploaded.
- 5.5% security deposit along with agreement should be furnished within a month/fortnight from the date of receipt of supply order.
- 6.Date of opening of tender: In case the proposed date declared as holiday, the tender will be opened on the next working day.
- 7.After E-Tendering the hard copy of all documents such as agreement, brochure, should be submitted before the opening date.

NB: The Tender procedure will be made as per Rules mentioned in the Revised Store Purchase Manual.

The bidders should participate this tender through E-Tendering System. Tender cost and EMD should be submitted only through online. For more details Contact Ph.0471 2577088, 0471 2577188, 0471 257388, 0471 2515760.

Sd/-
PRINCIPAL



SI No	Item Description	Quantity
1	<p>THERMAL IMAGER IFOV (spatial resolution)- 2.8 mRad Infrared resolution : 220 x 165 (36,300 pixels) Field of view : 35.7 °H x 26.8 °V Distance to spot : 353:1 Temperature measurement range : -20 °C to +450 °C (-4 °F to 842 °F) Focus system : Manual focus, minimum focus distance 15 cm (~6 in) , Fixed focus, minimum focus distance 45 cm (~18 in)</p> <p>Wireless connectivity To PC, iPhone and iPad (iOS 4s and later), Androi 4.3 and up, and WiFi to LAN The context of the visible details needs to be added to the infrared image Thermal sensitivity (NETD) : $L \leq 0.08$ °C at 30 °C target temp (80 mK) Level and span : Smooth auto and manual scaling Frame rate : 30 Hz or 9 Hz versions Built-in digital camera (visible light) :5MP</p> <p>Data storage and image capture Memory options : Internal 4GB memory and 4GB micro SD card One-handed image capture, review, and save capability Image file formats : Non-radiometric (.bmp) or (.jpeg) or fully-radiometric (.is2); Analysis without additional software for non-radiometric (.bmp, .jpg) files</p> <p>Battery Field-replaceable, rechargeable lithium ion smart battery pack with LED display to show charge level</p>	1