

Tender Notification for the procurement of “Thermal Imaging camera” at the Indian Institute of Science, Bangalore
(Late date of submission of tenders: **19 SEPTEMBER 2019**)

Dear Sir/Madam,

Please submit your bid valid for 90 days for supply of the following equipment along with the terms and conditions and other vital information as required by us. Your response may please be addressed to **The Chair, Centre for Ecological Sciences, 3rd Floor, Biological Sciences Building, Indian Institute of Science, Bangalore 560012, Karnataka, India**, so as to reach on or before 100 hours 19 September 2019.

Thermal Imaging Camera

Specifications:

- FLIR T640 with standard 24° lens, Temp Range: -40 to 2000° C Standard, including FLIR tools+ Software
- IR resolution of 307,200 (640 x 480) pixel
- Accuracy: $\pm 2^{\circ}\text{C}$ ($\pm 3.6^{\circ}\text{F}$) or 2%, whichever is greater, at 25°C (77°F) nominal.
- External Optics & Windows Correction: Automatic, based on inputs of window transmission and temperature
- Measurement Corrections: Emissivity, reflected temperature, relative humidity, atmospheric temperature, object distance, external IR window compensation
- Display: Built-in touch screen, 4.3 in. wide screen LCD, 800×480 pixels
- Battery operating time: >2.5 hrs
- Battery type: Rechargeable Li ion battery
- Detector type: focal plane array, uncooled microbolometer
- Laser type: Semiconductor AlGaInP diode laser, 1 mW, 635 nm (red)
- Spectral range: 7.5–14 μm
- Atmospheric transmission correction: Automatic, based on inputs for distance, atmospheric temperature and relative humidity
- Field of view (FOV) of $15^{\circ} \times 11^{\circ}$ and Frame Rate of 30 Hz
- Global Positioning System [GPS]: Location data automatically added to every still image from built-in GPS
- WIFI, and tools for PC and Mac included
- Interface USB-mini, USB-A, Bluetooth, Wi-Fi, Digital Video Output; HDMI
- Removable memory SD card

TERMS AND CONDITIONS FOR SUBMISSION OF BIDS

1. The quotations should be submitted in two bids system; i.e. Technical bid, and Commercial bid. The technical bid must include all the details of the technical specifications of the instrument along with terms and conditions masking only the price component. Bill of materials, brochures, technical datasheets, and any other document may be enclosure to help the evaluation of the technical bid. The commercial bid must include the price of the instrument in Indian/Foreign currency, indicating break-up of?

(i) For goods manufactured in India:

- a. Price of the goods quoted Ex-works inclusive of all taxes.

- b. Charges for inland transportation, insurance, and other services may be indicated separately.
- c. Installation, Commissioning and training charges etc., if any

(ii) For Goods manufactured abroad:

- a. Price (CIF, Bangalore). Applicable Custom Duty will be borne by the Institute.
- b. Charges for insurance and transportation of the goods by air up to Bangalore
- c. Installation, Commissioning and training charges, etc., if any

(iii) Both the Technical and Commercial bid should be put in separate sealed envelopes, and put together in another cover stating “Quotation for “**Thermal Imaging camera**” and should be reach us on or before 5-Aug-2019

2. Warranty should be for a period of **2 years** from the date of installation.
3. Annual maintenance contract for **3 years** after warranty period may be quoted separately, as an optional item.
4. We prefer to make payment by letter of Credit- 90% against presentation of documents and 10% after installation. All foreign bank charges, if any, should be borne by the beneficiary. In addition to this, LC Amendments, Extension, Confirmation Charges, if required, are to be borne by the beneficiary
5. For Supplies within India, the payment term is after supply and satisfactory installation.
6. If the goods are found to be defective, they have to be replaced/rectified at the cost of the suppliers within 15 days from the date of receipt of written communication from us. If there is any delay in replacement/ rectification, the warranty period should be correspondingly extended.
7. Excise Duty exemption certificate can be provided by the Institute.
8. Conditional tenders will not be accepted
9. The purchaser reserves the right to accept or reject any bid, and to annual bidding process and reject all bids any time prior to award of contract, without thereby incurring any liability to the affected bidder or bidders.

Yours Sincerely,

Dr. Maria Thaker
Assistant Professor
Centre for Ecological Sciences,
TB04 Biological Sciences Building,
Indian Institute of Science, Bangalore-560012
(On behalf of Purchase Committee)

Prof. Rohini Balakrishnan
Chair, Centre for Ecological Sciences
Indian Institute of Science, Bangalore-560012