

I/10191/2024



Energy Management Centre

State Designated Agency to Enforce Energy Conservation Act 2001)

Department of Power, Government of Kerala

EMC/284/2022-ETB-2(EED)

25-01-2024

QUOTATION NOTICE

Sealed quotations are invited from authorized suppliers of Thermal imagers as per the following specification and supply to the office of Energy Management Centre.

Sl. No.	Item	Quantity	Rate Excluding taxes	GST	Total cost including taxes
1	Thermal imager	1			
Grand total					


Eligibility to apply: The applicant shall be an authorized dealer/supplier of Thermal imager manufacturer company. The applicant shall submit a copy of authorization letter from the Thermal imager manufacturer company.

Technical specifications: The Thermal imager shall meet the minimum technical specification requirements mentioned in the Annexure - 1 of the as attached with this quotation notice. The applicant shall share the catalogue/brochure of the equipment as a reference.

Period of completion: The equipment shall be supplied within 14 days after the date of receiving of the work order.

Payment Terms: 100% of the payment shall be made on the successful completion of work and its successful verification by Engineer in charge.

Sealed cover containing quotation, superscripted as "Quotation for Supply of thermal imager " should reach the Director, Energy Management Centre, Sreekrishna Nagar, Sreekariyam P. O, Thiruvananthapuram on or before 31-01-2024, 4 PM.


Director

Annexure 1-

Minimum Technical specifications required for Thermal Imager

- IR sensor: 160 x 120 (19,200 pixels) or better
- Detector type: Focal plane array, uncooled microbolometer

**Sreekrishna Nagar, Sreekariyam PO
Thiruvananthapuram 695017**

Tel: 0471-2594922,2594924 Fax: 0471-2594923

E-mail:emck@keralaenergy.gov.in | Website: www.keralaenergy.gov.in

I/10191/2024

- Thermal sensitivity/NETD : <70 mK or better
- Field of view (FOV): $54^{\circ} \times 42^{\circ}$
- Image frequency: . 8.7 Hz or better
- Focus: Focus free
- Spectral range: 8–14 μm
- Display Resolution & size: 3.5 in, 640×480 pixels or better
- Digital camera Resolution : 5 MP or better
- Touch screen : Capacitive touch screen
- Image modes : Infrared image / Visual image / MSX / Picture in picture
- Temperature range : -20 to 400°C
- Accuracy : $\pm 3^{\circ}\text{C}$ or better
- Image storage capacity : 5000 sets of images or better
- Radiometric Image : Yes
- Battery : 3.7 V, Rechargeable Li ion battery with 4 hour operating time
- Weight : less than 0.6 kg
- Warranty : 2 years

Note : The firm should have supplied thermal cameras in reputed firms in Kerala for last 3 years and should provide service support in Kerala.