



Office of the Dean

Mobile: 9606038313

Mail: deanvcb@gmail.com

NO.VCB/DEAN/STORE/LFC/DST Project/2025-26

Date: - 26-12-2025

Veterinary College, BIDAR

Sl. No: 1232 Date: 26/12/25

Quotation

Sub: - Quotation for purchase of Compact Thermal Camera under DST SMART GOAL Project Dept. of LFC, Veterinary College, Bidar- reg

With reference to the above cited subject, sealed quotations are invited to purchase of Compact Thermal Camera under **DST-“SMART GOAL Project”**. The quotations should full details of specification such as model capacity etc. (Printed pomp lets catalogues may be enclosed if any) time required for supplying the items. The quotations should be reach the Dean Veterinary College, Bidar. on or before **10-01-2026 by post or courier**.

Sl. No	Name of the Item	Technical Specifications	Qty	Rate (Rs.)
1.	Compact Thermal Camera	<p>1. General</p> <ul style="list-style-type: none"> Handheld thermal imaging camera suitable for field diagnostics and research applications Warranty: Minimum 1-year comprehensive warranty <p>2. Key Features</p> <ul style="list-style-type: none"> True thermal imager with 320 × 240 pixels (76,800 pixels) resolution Superior thermal imaging quality for faster and accurate fault/anomaly detection Isotherm function to instantly highlight temperatures exceeding a set threshold <p>3. Main Applications</p> <ul style="list-style-type: none"> Livestock temperature, Livestock housing, welfare, and infrastructure diagnostics (desirable) <p>4. Imaging and Optical Specifications</p> <ul style="list-style-type: none"> IR Resolution: 320 × 240 pixels Thermal Sensitivity (NETD): < 50 mK Spectral Range: 7.5–13 μm Detector Type: Un cooled focal plane array micro bolometer Detector Pitch: 12 μm Field of View (Thermal): 35° × 27° Minimum Focus Distance: 0.4 m Spatial Resolution (IFOV): 2.0 mrad/pixel F-number: 1.4 Image Frequency: 9 Hz Focus: Focus-free 	01	Rate

	<ul style="list-style-type: none"> • Digital Zoom: 1× to 4× continuous (pinch zoom) 	
	<p>5. Visual Camera Specifications</p> <ul style="list-style-type: none"> • Digital Camera Resolution: 5 MP • Focus: Fixed • Field of View (Visual): 71.5° × 56° (84° diagonal) • Video Lamp: Yes 	
	<p>7. Measurement Specifications</p> <ul style="list-style-type: none"> • Object Temperature Range: -20°C to 450°C • Accuracy: <ul style="list-style-type: none"> ◦ 0°C to 100°C: ±2°C ◦ 100°C to 450°C: ±2% • Measurement Functions: Spot, Box (min/max), Isotherm • Measurement Corrections: Emissivity (preset & custom), reflected apparent temperature, atmospheric compensation 	

NOTE: 1. Quotations received after last date and having description of the materials
Incomplete will not be entertained.
2. Write compulsory reference number & quotations last date on sealed covers.
3. Mention compulsory GST Including / excluding

Yours faithfully,

MS+3
DEAN

Veterinary College, Bidar

DEAN

 **Veterinary College, BIDAR.**

Copy to,

1. College notice board
2. University Website : www.kvafsu.edu.in