

Project: Supply of Industrial Thermal Camera

Date of Evaluation: _____

Supplier/Bidder: _____

1. Mandatory Requirements (Pass/Fail)

If "No" is selected for any item, the bid may be disqualified.

Req #

Requirement Description	Specification (Target)	Compliance (Yes/No)	Submitter Notes
1.1 Camera Type	Handheld thermal imaging camera.		
1.2 Detector Resolution	Minimum 1024 × 768 pixels.		
1.3 Temp Range	Up to 650°C (1202°F) or higher.		
1.4 Thermal Sensitivity (NETD)	< 25mK @ 30°C.		
1.5 Spectral Range	7.5–14 μm.		
1.6 Reporting Software	Must include professional radiometric reporting software		
1.7 Warranty	Minimum 2-year general/10-year detector warranty.		

2. Functional & Technical Evaluation Criteria (Scored)

Score 1-5: 1=Poor, 5=Excellent.

Category

Criteria Description	Weight	Score (1-5)	Total (Weight x Score)
Performance	Image Quality & Resolution: 1024x768 resolution including up to 3.1 MP	20%	
Performance	Sensitivity & Accuracy: <25mK sensitivity	15%	
Features	Image Enhancement: Real-time multi-spectral imaging to highlight structural details.	10%	
Features	Inspection Route Mode: Ability to download pre-planned surveys (Inspection Route).	10%	
Ergonomics	Design: 120° rotating optical block, 4.3" screen, under 2kg.	10%	
Software	Data Integration: Licenses included	10%	
Accessories	Lens Flexibility: Availability of 12°, 28°, 45°, and macro lenses.	5%	
Support	Training/Support: Provision of on-line training or manufacturer support.	10%	
Experience	Company Experience: Similar high-end thermal equipment supply references from actual manufacturer	10%	
TOTAL		100%	

3. Mandatory Deliverables & Documentation

Detailed Datasheet for Industrial Thermal Camera
Calibration Certificate (NIST Calibration preferred)
Sample Inspection Report
Letter of Authorized Distribution/Support

4. Evaluator Recommendation

☐ Approved

☐ Approved with Conditions

☐ Rejected

Comments: _____

Evaluator Name: _____ Signature: _____

Compiled by: Berenice Yambey
23/02/2026



Review By:

F Letloele
01/04/2026

