

Technical Specification of Drone

(Approved by Railway Board vide letter dated 03.12.2025)

Sr.No.	Technical Specifications
01	Micro Tactical Drone (Thermal/Infrared type): A short-range multicolor drone having an operational range of up to 5 km with a flight endurance of 30-45 minutes. It is equipped with HD and thermal/infrared cameras, GPS stabilization, and encrypted live feed transmission. Suitable for short-range patrols, yard surveillance, night operations & loudspeaker payloads and Night Vision Camera.
	Additional Condition
01	The firm shall provide DGCA-compliant pilot training to 50 RPF personnel and arrange issuance of the requisite training certificates, wherever applicable.
02	The firm shall furnish valid DGCA approval/certification documents for the drone model.
03	The successful bidder shall arrange a demonstration of the offered drone system before supply of the material and after issuance of the Purchase Order (PO), to establish compliance with the prescribed specifications and operational requirements
04	Inspection by Consignee.


 1/6/26
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