SALIENT CHARACTERISTICS

Explosive ordinance identifying equipment must meet or exceed the following salient characteristics:

Dimensions: Must be a man-portable system housed in ruggedized transport cases.

Weight: Must be man-portable by an EOD team.

Electrical Requirements: Entire system must be battery-operated for field use, including the X-ray source, detector, and control laptop. Must include multi-bay chargers.

Temperature: Not Applicable

Volume/Capacity: Not Applicable

Warranty: Not Applicable

Features:

- System must be capable of wireless and wired (minimum 50m) operation.
- Must include a ruggedized laptop (e.g., Panasonic Toughbook) for system control and image analysis.
- System must be delivered in custom, rugged transport cases for all components.
- Must provide high-resolution images for detailed analysis of internal components of suspect packages.
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- Must provide high-resolution images for detailed analysis of internal components of suspect packages.
- Must be a battery-powered, portable pulsed X-ray source with an output of at least 270kV (e.g., Golden XRS-3).
- Must be a large format (approx. 12"x17") amorphous Silicon (a-Si) flat panel detector.

Accessories:

- Must be a complete system including a tripod, communication reels, batteries, chargers, and tactical cases.