

RFP 11 /2025: Request for proposals: Appointment of a panel of service providers for a period of five (5) years for the supply, maintenance and support of non-intrusive inspection, scanning and detection solutions

Communication #2

Date of Issue: 22 August 2025

Questions and Answers:

No	Question	Answer
1.	<p>HIGH-ENERGY SCANNER</p> <p>Can you please confirm that HIGH-ENERGY SCANNER requested is stationary (not truck or trailer mounted) system</p>	<p>It is not stationary. It is preferably a truck or trailer mounted system must be able to scan while standing still with item that is scanned moving under own power. There will be no accommodation made to pull or push items that require scanning.</p>
2.	<p>HIGH-ENERGY SCANNER</p> <p>Can you please confirm requested wire detection and spatial resolution requirements at 10km/hour vehicle speed.</p>	<p>The system scan ≥ 40 vehicles/hour at 10 km/h without image degradation, contrast at 50%: 2% deviation allowed wire detectability in open air (1.6mm) achieved, spatial resolution (horizontal & vertical) 4mm or better; the scanner offer dual and variable energy operation, penetrate up to 300mm of steel</p>

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3.	HIGH-ENERGY SCANNER Can you please UPS backup time (such as 15min, 30mins, 60mins etc.)	UPS must allow one full scan to complete and the system to cut over into standby mode to allow for backup power to be activated and avoid damage to equipment due to untimely stop as a result of power failure or any power cuts on the main feed
4.	LOW ENERGY BACKSCATTER Can you please specify backscatter unit type (such as mounted on van, stationary). If stationary unit required, please also specify scanning geometry (left, right, top, left-right, left-right-top)	It must be able to scan while standing still with item that is scanned moving under own power. There will be no accommodation made to pull or push items that require scanning Left – right – top preferably
5.	LOW ENERGY BACKSCATTER In item (i) “basic density-based material differentiation” requested. Which is in conflict with dual-energy images requested in item (ii) on backscatter systems. This can be done with transmission detectors. Can you please confirm	Confirmed that backscatter needs to include the transmission integrated detector

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	both backscatter and transmission integrated system required.	
6.	<p>LOW ENERGY BACKSCATTER</p> <p>Can you please confirm requested wire detection and spatial resolution requirements at 10km/hour vehicle speed. Requested detection capacity way above current backscatter systems on the market. Typical wire detection is about 3mm @1,5km/h, spatial resolution is about 20mm @1,5km/hour.</p>	<p>The system scan ≥ 60 vehicles/hour at 10 km/h without image degradation, Contrast is measured by the sensitivity of equal or less than 2%, Wire detectability in open air (1.6mm), spatial resolution (horizontal & vertical) must be better than 5line pairs per mm.</p>
7.	<p>GENERAL</p> <p>Can you please specify about the integration details on SARS system (such as web service, API, etc) can you please specify data format to be exchanged?</p>	<p>Web Service API.</p> <p>WSDL/ SOAP</p> <p>Spec attached</p>