



Questions & Answers

	Nordisk Sikkerhet AS (NS)
	Doffin referanse: 2016-318607 TED's contract notice: 2016/S 041-068425
	Ref.: Avtale nr. 742, 07/07/2015
	Project title: "RN Material Detection, Protection, and Dosimetry Equipment for Mukachyvsnyi Border Detachment, SBGS"

Addendum No. 1 Questions and Answers No. 1

Supply of Mobile Automated Complex for
the detection of radioactive and nuclear materials

15 March 2016
Bærums Verk, Norway

The following questions have been sent to Nordisk Sikkerhet concerning the tender.
The questions and Nordisk Sikkerhet's answers are presented below.

Q1: In the specifications annex the gamma channel is specified as plastic scintillator. There have been recent advances in plastic gamma detection systems that provide significant features including; real-time calibration, NORM identification, background management, isotope classification and real time system health monitoring.

Q1.1: Are advanced gamma detection capabilities required that increase the operational capabilities and reduce through life cost?

A1.1: It is not obligatory, in accordance with the Specifications. The Tenderer's technical proposal should meet or exceed the technical requirements of the Specifications.

Q1.2: If advanced gamma detection capabilities are required, will a data pack containing independent tests demonstrate compliance against these requirements?

A1.2: The technical characteristics of the proposed equipment should be confirmed in the Statement of Compliance with technical parameters to be signed by a Tenderer at the stage of tender procedure. Please refer to para. 26.1 item (5).

In the course of the contract, the technical characteristics should be proven to the Contracting Authority and the Recipient at the point of factory acceptance tests.

Q2: In the Specifications annex, the detection performance is stated against Ba-133, Cs-137, and Co-60. Recent advances in plastic gamma detection systems enable some systems to distinguish between Co-60 and K-40 at operationally relevant masking ratios.

Q2.1: Is it a requirement for the Plastic scintillator gamma channel to be able to detect and identify Co-60 in the presence of a K-40 masking source?

A2.1: No, it is not required, in accordance with the Specifications.

Q2.2: If advanced gamma detection capabilities are required, will a data pack containing independent test results demonstrate compliance against these requirements?

A2.2: Please see answer A1.2 above.

Q3: Section 32.1 states:

"The Contracting Authority will award the contract to the successful tenderer whose tender has been determined to be substantially and technically responsive and who has submitted the lowest price(s)."

There have been recent advances in plastic gamma detection systems that provide significant features including; real-time calibration, NORM identification, background management, isotope classification and real time system health monitoring.

Q3.1: Are advanced features of the latest generation of Plastic Scintillator-based gamma detection systems required to be substantially and technically responsive to this tender?

A3.1: The wording '*substantially and technically responsive Tender*' implies that such tender is compliant with the requirements laid out in the Specifications, or offers better technical characteristics, and also satisfies the qualification criteria as stipulated in section 31 of Invitation to Tender.

Please see answer A1.1 above.



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Q3.2: Do advanced detection systems capabilities that increase operational performance and reduce whole-life cost score higher in the technical evaluation?

A3.2: No. More advanced detection capabilities than those required by Specifications do not affect the evaluation of tenders.

Q3.3: Does the “lowest price(s)” evaluation include “life costs”, or the annual maintenance and calibration costs over a specific period, e.g., 5 years?

A3.3: No, the life costs, e.g. annual maintenance and calibration during the operational life, will not be taken into consideration for the financial evaluation.

The evaluation of tenders will be based on the total tender price. This includes the cost of manufacture, testing, DDP delivery, primary metrological verification as well as personnel training and warranty service (during 24 months). Please refer to section 27 of the Invitation to Tender.