



Tender EuropeAid/121490/D/S/RU

Tacis Nuclear Safety Programme: On-Site Assistance to Kola NPP/Russia

Tacis Project R1.01/03B, Introduction of ALARA methodology and supply of dosimetric equipment

SUMMARY OF TECHNICAL SPECIFICATION

*Access to the technical specifications is restricted for public security reasons
Technical specifications can be obtained upon request to the Procurement Agent
(see section 18 of the procurement notice)*

The scope of the project is to introduce the ALARA methodology in practical activities of Kola Nuclear Power Plant, in the frame of Kola NPP Personnel Radiation Protection Program, and to provide partly seven Russian NPPS with individual dosimetric monitoring means for their further use within internal ALARA programs.

The subject of the contract is the manufacturing, factory acceptance testing (for Lots 1 to 7), certification, delivery, software development (Lot 8), functional tests and supervision of installation (for Lot 8), maintenance and repair during warranty of the following goods. The scope of work also includes the provision of documentation, training and instruction in the use of equipment, and availability of after-sales and spare parts (extra contract) for a period of 10 years after expiry of the warranty period.

Lot 1: Individual dosimetric monitoring equipment for **Kola** Nuclear Power Plant (reference NPP), 1 set, composed by: 100 direct reading individual dosimeter, 1 reader, 1 personal computer, 1 laser printer

Lot 2: Individual dosimetric monitoring equipment for **Balakovo** Nuclear Power Plant, 1 set, composed by: 100 direct reading individual dosimeter, 1 reader, 1 personal computer, 1 laser printer

Lot 3: Individual dosimetric monitoring equipment for **Beloyarsk** Nuclear Power Plant, 1 set, composed by: 100 direct reading individual dosimeter, 1 reader, 1 personal computer, 1 laser printer

Lot 4: Individual dosimetric monitoring equipment for **Bilibino** Nuclear Power Plant, 1 set, composed by: 100 direct reading individual dosimeter, 1 reader, 1 personal computer, 1 laser printer

Lot 5: Individual dosimetric monitoring equipment for **Kursk** Nuclear Power Plant, 1 set, composed by: 100 direct reading individual dosimeter, 1 reader, 1 personal computer, 1 laser printer

Lot 6: Individual dosimetric monitoring equipment for **Kalinin** Nuclear Power Plant, 1 set, composed by: 100 direct reading individual dosimeter, 1 reader, 1 personal computer, 1 laser printer

Lot 7: Individual dosimetric monitoring equipment for **Smolensk** Nuclear Power Plant, 1 set, composed by: 100 direct reading individual dosimeter, 1 reader, 1 personal computer, 1 laser printer

Lot 8: Equipment for **Kola** NPP:

- 1 set (30 units of personal computers, 2 laser printers, 2 CD rewriters)
- 1 set of personnel access monitoring system and 2 colour jet printers and 2 industrial computers
- 1 set of video supervision facilities
- 1 set of vide shooting, recording and processing facilities
- ALARA software

The equipment to be supplied shall be qualified according to the Russian requirements, which shall be confirmed with the corresponding certificates. The Supplier shall execute all stages of the project implementation according to the QA Program developed by him and agreed with the Contracting Authority (Rosenergoatom).