

Question & Answers
on
Invitation to tender N°TREN/I1/44-2008
Supply contract for fast neutron monitors

Updated: 18/07/2008

Before submitting any written question to the Commission, the tenderers should consult this frequently asked questions section relating to the invitation to tender. Questions and answers are published here with full respect to the anonymity of the enquiring tenderers.

Question 1: In which place the Neutron monitors shall be installed (nuclear facility / enduser)?

Answer 1: The neutron monitors will be installed inside civil nuclear installations in the EC (existing and/or planned) in order to follow the fissile material flow through the plant. For the purpose of independent verifications, the neutron monitors are the property of the EC and will be operated by the DG TREN Inspectors.

Question 2: How the integration of this monitors shall be realised?

Answer 2: The mounting of the fast neutron monitors (in their stainless steel enclosure) is foreseen to be on a vertical wall, by means of four mounting bolts. The mounting height above ground level is depending on the application. The detector intended to be used inside industrial buildings (moderate temperature and humidity conditions), no absolute requirements are specified for watertightness, however access to the active components inside the neutron monitors should be excluded for occasional by-passers (e.g. a bias voltage of 1600V is present on some connectors).

Question 3: Is the facility operated by the EC – DG, or who is the organisation which will have the benefit to receive the monitors?

Answer 3: The facilities are not operated by the EC, the fissile material flow is Safeguarded by measurement and surveillance equipment which are operated by EC staff and is owned by EC services.