

TERMS OF REFERENCE

Senior Expert on Nuclear Safety (technical) (Category 1)

ToR Date of Issuance: July 18, 2024

Due Date for Applications: September 23, 2024

1. Objective(s) and Linkages to Reforms

The Recovery and Reform Support Team (RST) at the Ministry of Energy of Ukraine (the Ministry) is a group of Ukrainian professionals (non-civil servants) funded on a temporary basis through the Ukraine Recovery and Reform Architecture (URA)¹ programme that provides targeted technical support and assists the Ministry in the design and implementation of priority reforms. The RST was launched in 2021 to assist the Ministry with the implementation of priority reforms in the following areas: an integrated approach to the formulation of energy policy, ensuring efficient operation of energy markets, coal industry reform, improving energy efficiency, implementation of the National Emission Reduction Plan, public administration reform and capacity building.

Since February 2022, the RST has also assisted the Ministry in ensuring the stability of the energy system in the context of heavy damages inflicted on its critical infrastructure by the ongoing war in Ukraine. The team provides coordination, analytical and expert support to the Ministry in areas such as evaluation of damages, repair of critical infrastructure, formulation of energy sector related recovery plans and cooperation with international partners.

2. Position and Reporting Lines

Senior Expert on Nuclear Safety (technical) will be a full-time consultant in the RST) at the Ministry.

The Senior Expert (technical) will be responsible for:

- coordination and facilitation of nuclear energy reform implementation process;
- providing consulting and expert services for the preparation and drafting of strategies, of policy papers, analytical materials, and implementation plans roadmaps;
- cooperation with relevant departments of the Ministry and other stakeholders;
- providing policy management support (policy development, implementation plans, risk management, etc.);
- providing support to capacity building in the Ministry.

The Senior Expert will be subordinated to and coordinated by the Senior Project Manager on Energy transition policy and RST Director.

Senior Expert on Nuclear Safety (technical) will work in close cooperation with the relevant departments of the Ministry and with the EBRD Nuclear Safety Consultant working with the office of the Deputy Prime Minister of Ukraine.

¹ Ukraine Recovery and Reform Architecture (URA) is a comprehensive technical assistance programme deployed by the European Bank for Reconstruction and Development (EBRD), in partnership with the European Union, to support critical reform processes in Ukraine. URA is financed from the Ukraine Stabilisation and Sustainable Growth Multi-Donor Account (MDA) managed by the EBRD.

3. Duration and Proposed Timeframe

This consultancy assignment is expected to start in October 2024 with an estimated overall duration until August 2025. The duration of the assignment will depend on the availability of funding, the needs of the URA programme and the performance of the selected consultant.

4. Main Duties, Responsibilities:

- providing support and consultation in terms of adherence to the safety requirements and criteria at all stages of the lifecycle of nuclear facilities;
- providing advice, recommendations and support for planning and implementation of Ukraine's national strategies and programmes in the nuclear energy field;
- advising in the process of development and implementation of safety upgrade measures at operating nuclear plants with regards to the Comprehensive (Consolidated) Safety Upgrade Program for Ukrainian Nuclear Power Plants, actual needs and new threats for nuclear safety and security;
- providing the Operator with expert support in terms of the perspective construction of new nuclear facilities in Ukraine (nuclear power units, spent fuel storage facilities, radioactive waste management facilities) in accordance with the Energy Strategy of Ukraine and valid legislation in the area of nuclear and radiation safety;
- providing consultancy on the development of long-term strategies of spent fuel management, radioactive waste management and decommissioning of nuclear facilities considering EU requirements, IAEA safety standards and available international experience;
- strengthening the effectiveness and coordination of cooperation with international partners, incl. information sharing on Ukraine's national nuclear energy programme and plans of perspective deployment of innovative reactor technologies, incl. small modular reactors (SMRs) in Ukraine;
- providing guidance and proposals on developing roadmaps for the deployment of small modular reactors in Ukraine;
- participating in conferences, fora, and working groups to support the development of nuclear energy projects in Ukraine;
- providing advice on international nuclear safety missions, as well as proposals on planning and participation in collaborative projects, grant opportunities and other activities concerning the development and introduction of innovative nuclear technologies and alternative nuclear fuel at NPPs of Ukraine;
- performing other tasks and responsibilities as assigned by the SPM and the RST Director.

5. Qualifications, Skills and Experience

5.1 Qualifications and Skills:

- Master's degree in Nuclear Energy (preferable), Engineering, Finance, Economics, Law or Ecology;
- strong teamwork and communication skills;
- strong analytical skills: ability to analyse, interpret complex legal, commercial and financial data;
- project management skills are an asset;
- fluency in Ukrainian and English;
- PC literacy.

5.2 Professional Experience:

- minimum 7 years of general professional experience in one or more areas related to the energy sector (nuclear, sustainable recovery, climate and environmental policy, Ukraine-EU integration policy, public policy, etc.);
- minimum 5 years of experience in nuclear energy.

5.3 Other Competencies:

- familiarity with the reform agenda in Ukraine and understanding of the policy formulation process is an asset;
- experience in cooperation with the government is an asset;
- experience in international companies, organizations or institutions is an asset;
- impeccable ethical standards.

6. Funding Source

The funding source of this assignment is the EBRD Ukraine Stabilisation and Sustainable Growth Multi-Donor Account (MDA). Contributors to the MDA are Austria, Denmark, Finland, France, Germany, Italy, Japan, Latvia the Netherlands, Norway, Poland, Sweden, Switzerland, the United Kingdom, the United States and the European Union.

Please note, that selection and contracting will be subject to the availability of funding.

7. Submissions

Submissions must be prepared in English only and delivered electronically by September 23, 2024 by 23:59 (Kyiv Time) to the following address: rst.mev@gmail.com

All submissions must include a completed Application Form, NDA Form, the candidate's Curriculum Vitae and Reference Letter (original in English, or Ukrainian with English translation) together with the contact details of two further referees who, if contacted, can attest to the professional background of the candidate.

Only applications which have been submitted using the correct template and are fully completed will be considered.

The Application Form and NDA Form can be found on the publication resource.

Important notice: only Ukrainian nationals are eligible to apply; civil servants are not eligible to apply unless 6 months have elapsed since they left such employment.

8. Selection Procedure

Following the evaluation of all applications received, selected candidates may be invited to a written test. Only shortlisted candidates will be invited to the interview.