



Project funded by the European Union  
Projekat finansira Evropska unija

### Terms of Reference (ToR) for a Short-Term assignment

<b>Technical assistance requested:</b>	One (1) Senior Non-Key Expert in the area of conducting safety assessment for zero-power nuclear reactor/critical assembly
<b>Project Title:</b>	Policy and Legal Advice Centre (PLAC II), Serbia
<b>Ref:</b>	EuropeAid/137065/DH/SER/RS
<b>Service Contract No.:</b>	(CRIS) 2016/375-724
<b>Main beneficiary:</b>	The European Integration Office of the Republic of Serbia and the Negotiating Team
<b>Target Beneficiaries:</b>	Serbian Radiation Protection and Nuclear Safety Agency (SRPNSA)
<b>Content of the assignment:</b>	Assistance in drafting Guidelines for conducting safety assessment for zero-power nuclear reactor/critical assembly
<b>Budget Line / Expert Category:</b>	Senior Non-Key Expert
<b>Duration of the assignment:</b>	5 working days, spent during one mission planned in the period from April to June 2017

#### 1. Relevant background information

##### Background information in relation to PLAC II project:

The scope of PLAC II project is to provide support to relevant national institutions in charge of alignment of national legal acts with the EU acquis and to contribute to further building of capacities of relevant national structures for successful carrying out of accession negotiations.

The PLAC II project should achieve two results:

**RESULT 1** - Enhanced compatibility of national legislation with EU legislation and its effective implementation,

**RESULT 2** - Enhanced capacities of the relevant national structures for successful carrying out of accession negotiations.

In general, the project aims at fostering the process of accession negotiations of Serbia by supporting the effective alignment of national legislation with the acquis and its implementation and by further building the capacities of involved carriers of the EU integration process in Serbia. After completion of screening process in 2015, Serbian public administration has entered into much more demanding and obliging exercise of accession negotiations, whereby each step and every decision should result in approaching actual membership in the EU. For this scenario to happen in accordance with planned dynamics, preparedness, adequate institutional capacity of public administration with highly competent staff is of crucial importance. In the core period of the negotiations, PLAC II Project shall support domestic line institutions and the negotiating structures both in performance of quality operational work in relation to harmonisation process and in the effective coordination during various stages and phases in the process for different negotiation chapters.

##### Background information in relation to Chapter 15 – Energy and related to radiation protection and nuclear safety area:

Council Directive 2009/71/Euratom establishing a Community framework for the nuclear safety of nuclear installations and Council Directive 2014/87/Euratom amending Directive 2009/71/Euratom establishing a Community framework for the nuclear safety of nuclear installations require that that the



Project funded by the European Union  
Projekat finansira Evropska unija

competent regulatory authority is given the legal powers and human and financial resources necessary to fulfil its obligations in connection with the national framework. This includes the powers and resources to verify the compliance through regulatory assessments and inspections.

In this regard, Serbia will, according to Screening report, Chapter 15-Energy (III.h.) ensure practical application of the relevant acquis in the area of licencing of nuclear facilities. The most important part of the process of licencing is conducting safety assessment, required by the Council Directives 2009/71/Euratom and 2014/87/Euratom.

According to the NPAA for 2016-2018, section 3.15.3, further improvements are planned to comply with requirements of EU acquis in the field of nuclear safety, i.e. with Council Directives 2009/71/Euratom and 2014/87/Euratom. In this connection, the Law on Protection against Ionising Radiation and Nuclear Safety shall be modified by Q1 of 2018, and followed by complementary modification of related secondary legislation.

## **2. Description of the assignment**

### **2.1 Specific objectives**

The specific objective of this assignment is to provide assistance in drafting Guidelines for conducting safety assessment for zero-power nuclear reactor/critical assembly. Such Guidelines will serve to the competent regulatory authority as a tool for conducting regulatory assessment of safety of zero-power nuclear reactor/critical assembly, in the process of licencing and by taking into account graded approach and the requirements of the above mentioned Directives (Directive 2009/71/Euratom and Directive 2014/87/Euratom). The Guidelines shall also include the methodology for assessment of safety.

### **2.2 Requested services**

The Senior NKE is expected to provide the following services:

- To draft Guidelines for conducting safety assessment for zero-power nuclear reactor/critical assembly, complemented by a proposal on the methodology for safety assessment.

### **2.3 Outputs**

The Senior NKE is expected to deliver the following outputs:

- Draft Guidelines for conducting safety assessment for zero-power nuclear reactor/critical assembly.

### **2.4 Reporting**

The NKE shall provide the following reports by using the templates of the Project:

- Final Mission Report, no later than 1 week after completion of tasks under this assignment. This report will include description of all activities and outputs provided by the NKE in the context of this assignment.

Submission of reports:

- Draft final mission report shall be submitted to the Team Leader of the Project for review and comments at the end of the mission.



Project funded by the European Union  
Projekat finansira Evropska unija

- Final version of the final mission report prepared in the relevant quality shall be submitted to the Team Leader of the Project for review, comments and final approval. The report shall be signed by the NKE and the Team Leader, responsible for endorsing the report.
- The report and all prepared documents shall be submitted in hard copy and electronic version to the Team Leader of the project.

## 2.5 Specifics

The NKE shall work under the guidance and follow the instructions of the Team Leader. The NKE shall collaborate with the project team, other experts involved and representatives of beneficiary institutions and national structures, as relevant.

The NKE's activities and outputs mentioned above may be adjusted by the Team Leader at any stage in the implementation of the Project, depending on the evolving needs of the Project, main beneficiary and/or target beneficiaries. Each of the short-term mission, its timing and duration shall be agreed with the Team Leader prior to each mission.

## 2.6 Final use of intervention and perspectives for the future

Assistance in drafting Guidelines for conducting safety assessment for zero-power nuclear reactor/critical assembly will contribute to building of the capacity of the regulatory body mandated for authorisation of nuclear facilities requiring special attention in the process of licensing.

## 3. Expert input

### 3.1 Total working days

5 working days (WDs) in total have been planned for this assignment.

### 3.2 Period of the assignment

April - (tentatively) June 2017

### 3.3 Starting day

It is expected that the work will be performed during one mission in the period from April to June 2017 and starting, at the earliest, from 10 April 2017 onwards.

### 3.4 Location/Place of assignment

The NKE has to deliver 100% of the input in Belgrade, Serbia.

### 3.5 Working language

English

## 4. Expert Profile

### 4.1 Qualifications and skills (25 points)

- University degree (where university degree has been awarded on completion of three years study in an university or equivalent institution) in the field relevant to the assignment
- Proficiency in English language



Project funded by the European Union  
Projekat finansira Evropska unija

- Computer literacy (MS Office applications)

#### 4.2 *General professional experience (25 points)*

- Minimum 10 years of postgraduate professional experience in the competent authority for licensing of nuclear facilities in EU Member State

#### 4.3 *Specific professional experience (50 points)*

- Minimum 5 years of postgraduate professional experience in safety assessment of zero-power nuclear reactor/critical assembly, in EU Member State.

### 5. **Applications**

Applications (EU format CV and application letter, both in English) need to be submitted by e-mail to [SEPLAC@altairasesores.es](mailto:SEPLAC@altairasesores.es) not later than 17:00 hrs, **27 March 2017**, titled: **“Application for the position – Senior NKE in the area of conducting safety assessment for zero-power nuclear reactor/critical assembly”**.

References must be available on request. Only short-listed candidates will be contacted.

The Project is an equal opportunity employer.

All applications will be considered strictly confidential.

Advertised post is not available to civil servants or other officials of the public administration in the beneficiary country, Serbia.

For more information, please contact Project Manager at Altair Asesores S.L.: [m.garcia@altairasesores.es](mailto:m.garcia@altairasesores.es) / Tel. +34 91 3952798