

Date: 2 May, 2018

Regulatory Authority of Electronic and Postal Communications of Kosovo (RAEPC), based on the Law No Nr. 04/L-077 on Obligatory Relationships and based on the article 12, paragraph 4 of the Law No. 03/ L -149 on Civil Service, with aim to prepare the draft document on operational procedures for number portability for subscribers of public electronic communications services, announces:

Public Contest

On consultancy services for preparation of the draft document on operational procedures for number portability for subscribers of public electronic communications services in Republic of Kosovo based on

Special Agreement Contract

Name of the Institution:	Regulatory Authority of Electronic and Postal Communications
Organizational Unit:	Electronic Communications Department
Service requirement bio :	Specialist in the implementation of number portability
Reference Number:	087/1/18
Aim of engagement :	Preparation of technical documents for the implementation of Number Portability Project
Payment :	Based on standards for projects and agreement
Reports to:	Director of Electronic Communications Department
Type of Contract:	Special Agreement Contract
Duration of Contract:	40 working days
Number of experts:	1 (one)
Place:	Prishtina

Legal Base

Regulation No.33 on the Number portability for the subscribers of public electronic communication services (*Ref. Nr.Prot.043/B/17 dt.28/06/2017; hereinafter - Regulation¹*), which is approved by the Decision no.1027 (*Ref. Nr.Prot.042/B/17*)² of the Board of the Regulatory Authority of Electronic and Postal Communications (*hereinafter -RAEPC*) has set forth the terms and conditions to be met by operators of electronic communications networks and/or services, in order to provide the possibility of number portability.

This Regulation also addresses measures to make the switching process while retaining the number easy and fast in the benefit of the switching subscriber.

The Regulation is also based on the European Union Regulatory Framework, respectively the Directive 2002/22/EC of the European Parliament and of the Council of 7 March 2002 on universal service and users' rights relating to electronic communications networks and services (*Universal Service Directive*), amended by the Directive 2009/136/EC of 25 November 2009.

The aim of this regulation is to guarantee the implementation of the number portability by all operators providing mobile and/or fixed mobile communications services and creating the better conditions for increasing and protecting the competition.

Article 5 (*General principles*), paragraph 5.1.1) of the Regulation sets forth the following:

After public consultation, ARKEP determines the specifications on the common interfaces for the signaling, the description of the network architecture, operational procedures according to the Chapter III of this Regulation and services level agreements. The signaling and network architecture will be based on ETSI- specifications.

Similarly, the Article 15 (*Introduction of Number Portability*), paragraphs 15.1) and 15.2) of the Regulation, determine the following:

15.1 The number portability for fixed telephony subscribers will be introduced after the drafting and approving of the document(s) on technical specifications based on ETSI standards, approved by RAEPC.

15.2 The number portability for fixed telephony subscribers will be introduced after the drafting and approving of the document(s) on necessary technical specifications based on ETSI standards, approved by RAEPC and implementing the Project for Number Portability.

¹ <http://www.arkep-rks.org/?cid=1,34,1007>

² <http://www.arkep-rks.org/?cid=1,26,1008>

Furthermore, the Article 7 of the Regulation sets forth that the Central Reference Database (CRDB)³ will be managed by RAEPC.

The aim of hiring Consultancy

The aim of hiring consultancy is the drafting of the documents provided for in the RAEPC Regulation on number portability and the ETSI Standards.

During drafting of the technical document, respectively operational procedures, the Consultant:

1. Throughout the process of drafting the documentation, the consultancy should periodically notify the professional staff of the RAEPC about the developed process (steps accomplished) and the open possibility of the communication of the professional staff with the consultancy experts, including a response to the clarifying requests as needed.
2. Finally, a final report should be drafted on the process of drafting the technical documentation, by specifying in detail the applied methodology with the corresponding explanations for all the criteria applied.
3. In the framework of the drafting of the documentation, meetings will be organized with the operators, who provide mobile and fixed electronic communications services;

Specific Requirements

Duties and responsibilities should be as follows:

- 1) In compliance with the Requirements of the Regulation on Number Portability, ETSI Standards⁴, as well as the practices of Regulators from other European countries and beyond to draft the document regarding the specifications on common signaling interfaces, description of network architecture, operational procedures and service level agreements;
- 2) The signaling and network architecture will be based on ETSI- specifications;
- 3) The determining of the technical hardware and software specifications related to the project implementation of the number portability;

³ **Central Reference Data Base (CRDB)** – is a database that stores the status of each transaction during the number portability procedure and contains the necessary information for the call routing toward the ported number. All this information is updated in real time even for the local operators' databases.

⁴ European Telecommunications Standard Institute

- 4) The analyzing of the electronic communications market focusing on mobile and fixed electronic communications services, as well as data sent by operators and other stakeholders regarding their proposals for the operation of CRDB;
- 5) When drafting the document, other CEPT/ECC documents should be analyzed and taken into account.
- 6) The engagement deadline is max 40 working days.

Qualification Criteria

Qualification criteria shall be the following:

- 1) At least 10 years of software development experience, including experience in managing complex software development for different systems;
- 2) Experience in developing at least one Mobile Number Portability or Fixed Number Portability system);
- 3) Work experience in software development applications.

The applicants must send proves that they fulfill the above criteria, through their CV and the references for all the projects they have worked on in the following [emailInfo@arkep-rks.org](mailto:emailinfo@arkep-rks.org) with the subject: Number Portability Expertise.

The application deadline is 14 of May 2018, 16:00 CET.