

## **Ministre d'tat**

### **Avis de march**

**Procdure** : europeenne ouverte

**Type de march** : Services

**Modalits d'ouverture des offres** :

Date: 30/03/2023 Heure: 10:00

## **SECTION II: OBJET DU MARCH**

**Intitul attribu au march** : Tender Specification for a Next Generation PPDR network feasibility study

**Description succincte du march** : The scope of the tendering procedure is to find a group of consultants or technical experts, which have the right knowledge and technical expertise to elaborate and define the next generation PPDR network for Luxembourg. The State of Grand Duchy of Luxembourg is seeking out the right strategy for the coming years to deploy such a network, taking the Luxemburgish ecosystem into consideration. To be in a good position to realise this, the State needs a feasibility study for the next generation PPDR network. This study should be used in the future as a basis or reference for the next steps.

The study should draw a picture of the future communication system, including the technical network design. On the other hand, it should elaborate on the possibility for the State to manage or operate the network in the most secure and economically reasonable way. Therefore the study shall highlight 3 different operational models, each with its own cost model, and propose the most suitable model for Luxembourg. The study should also treat the question about the right frequencies for PPDR needs. That is to say, which frequencies are suitable for such a network and which frequencies are available based on European standards and regulations in Luxembourg? Ideally, the network shall be based upon the latest possible technology for PPDR such as 4G/5G. A roadmap for its rollout and an outlook, based on forecasted technology changes, shall be elaborated to give the State a clear outlook on future challenges.

The details of the questions to be tackled in the study can be found in the statement of work in chapter 2 of this tender specification.

The final goal of this study should be, that its outcome will show everything needed by the Contracting Authority to be able to start one or more public procurement processes for a new PPDR network for data and voice services for Luxembourg and define the next steps.

## **SECTION IV: PROCDURE**

**Conditions d'obtention du cahier des charges** :

According to the Law of 2018, the Offer must be submitted in electronic form via the national portal for public tenders (Portail des marches public) using following URL: <https://marches.public.lu/>.

The bidder must mandatorily sign its Offer electronically on the portal. Further information is published on the web site of the portal:

<https://marches.public.lu/fr/procedures/dematerialisation.html>

The bidder must be in possession of a valid authentication medium, see

<https://marches.public.lu/fr/procedures/dematerialisation/authentication-signature.html>

The bidder is well advised to test the access to the portal and the signature procedure well in

advance before the deadline for the submission of the tender.

## **SECTION VI: RENSEIGNEMENTS COMPLMENTAIRES**

### **Autres informations :**

Rception des offres : The information can be found in the Tender document chapter 1

**Date d'envoi de l'avis au Journal officiel de l'U.E. :**26/01/2023

**La version intgrale de l'avis no 2202343 peut tre consulte sur** [www.marches-publics.lu](http://www.marches-publics.lu)