
Office of Utilities Regulation

TECHNICAL REQUIREMENTS TELECOMMUNICATIONS LICENCES APPLICATION

Guidelines



OFFICE OF UTILITIES REGULATION

2020 September 1

DOCUMENT TITLE AND APPROVAL PAGE

1. DOCUMENT NUMBER: 2020/TEL/016.GUI.001.

2. DOCUMENT TITLE: Technical Requirements for Telecommunication Licences Application

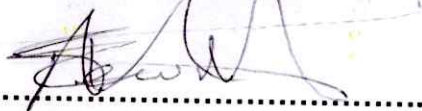
3. PURPOSE OF DOCUMENT

This document provides the technical requirements for Telecommunications licences application.

4. Approval

This document is approved by the Office of Utilities Regulation and becomes effective on the date of approval.

On behalf of the Executives:



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Ansord E. Hewitt
Director-General

2020 September 1

Preamble

The requirements outlined in Section F should be submitted as an attachment to the licence application.

Description of the Proposed Service

The Applicant shall identify, and give clear and precise descriptions of, the telecommunications service(s) for which the licence application is made. The description of the proposed service(s) shall include:

1. How the service(s) will generally be utilized by target users (e.g. residential, small businesses, other service providers). Provide practical examples as necessary.
2. How the service(s) will be delivered end-to-end. The technical means by which a customer will access the service must be made clear. It must also be made clear whether the Applicant will be deploying its own network to provide the service(s) or if it will rely primarily on wholesale facilities of other licensees.
3. The intended coverage areas upon the launch of the service(s).
4. The expected service(s) launch date.

Network Diagram & Description

Network Diagram

The Applicant shall submit an appropriately labelled high-level diagram showing the network facilities proposed to be deployed. The key network elements illustrated in the network diagram must be identified by make and model. To the extent practicable, the network illustration shall be presented in a manner that the following can be clearly identified:

1. The network connection paths, for the relevant telecommunications services, from points (subscribers, networks, etc.) of origin to the destination (subscribers, networks, etc.). Where applicable, customer premises equipment must be shown on the network diagram.
2. The main switching/service hosting sites, other points of presence and transmission routes as well as the major network communication links—wired (copper or fibre) or wireless—between nodes.
3. Value added service (VAS) platforms as well as key operational and support systems (e.g. billing, DNS, DHCP servers).
4. Where appropriate, any facilities/infrastructure in the network that are not owned by the Applicant.

5. How the network will be interconnected with other public telecommunications networks.
6. Where network facilities are located (within or outside of Jamaica).

Network Description

The Applicant shall provide a detailed description of how the key elements (identified by make and model) illustrated in the network diagram will function to provide each of the proposed service(s). The network description shall also outline:

1. The intended geographic coverage of the network upon the commissioning of the facilities.
2. The type of radio spectrum to be used (if applicable).
3. The implementation schedule, in the case of licences, which the Minister has restricted the number to ten or less. This category includes mobile carrier and sub-marine cable landing stations.

Ability to Comply with Regulatory Obligations

1. The Applicant shall describe the customer care processes which it intends to implement with respect to the proposed service(s). Where more than one type of service is being proposed, the Applicant shall indicate whether it intends to implement separate customer service processes for the different services.
2. If the Applicant intends to provide voice services it shall outline the steps which it will take to ensure that its customers can reasonably and reliably reach:
 - a. emergency services in accordance with section 44(a) (i) of the Telecommunications Act (“the Act”).
 - b. directory assistance services in accordance with section 44(a) (ii) of the Act.
3. Where an Applicant intends to provide services, which are subject to the Universal Service Levy (USL) and the Special Telephone Call Tax (STCT) it shall describe the systems, which will be implemented to ensure the collection and remittance of the USL and the STCT.