

STATUTORY INSTRUMENT

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TELECOMMUNICATIONS (LICENSING) REGULATIONS, 2020

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wide viable communications network for the provision of universal communications services and the fulfilment of the public interest social and economic objectives of the Act and consumer satisfaction;

- (g) provide a conducive environment for greater product choice, more competitive pricing, higher standards of service and greater innovation in the range of telecommunications services and products made available to the public through competition; and
- (h) adopt a consumer-oriented approach that focuses on delivery of quality services at reasonable and affordable costs.

Made this day of 2020

**MRS MADIANA NYANDA SAMBA
ACTING CHAIRMAN/COMMISSIONER
NATIONAL TELECOMMUNICATION
COMMISSION**

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THE TELECOMMUNICATIONS ACT, 2006
(ACT NO. 9 OF 2006)

TELECOMMUNICATIONS (LICENSING) REGULATIONS 2020. Short title.

IN EXERCISE of the powers conferred on the Commission by section 82 of the Telecommunications Act 2006, the Commission hereby makes the following Regulations -

PART I-PRELIMINARY

1. In these Regulations unless the contrary otherwise Interpretation require—

"Act" means the National Telecommunication Act, 2006 (Act No.9 of 2006);

"Commission" means the National Telecommunication Commission established under section 2 of the Act.

"coverage area" means the area in which a communications service is intended to be received;

"digital" means any type of information that can be output, transmitted and interpreted as individual bits of binary information (the use of the numbers 0 and 1), using electrical or electromagnetic signals that can be modulated to convey their specific content;

"gateway" means any mechanism for providing access to another network;

"infrastructure" means any structure or facility installed and maintained for the purpose of providing a public utility service;

"interconnection" means the physical connection of separate telephone networks to allow users of those networks to communicate with each other; interconnection ensures interoperability of services and increases end users' choice of network operators and service providers;

"international gateway" means any facility through which electronic communications can be sent between the domestic networks of one country and another;

"interoperability" means the ability of equipment to function, first with the network, and second, with other terminal equipment that can be used to access the same service;

"licence" means a written authorisation granted by the Commission under the Act;

"licensee" means the holder of a licence issued under the Act;

"resale" means offering end-users or customers, for profit, telecommunications services obtained from another telecommunications operator or service provider;

"station" means a transmitter, receiver, a combination of transmitters and receivers, or any accessory, which is used or intended to be used for radio communications;

"subscriber" means any person or entity who has entered into a contract with an authorised provider of a communications service in order to obtain any communications services;

"telecommunications network" means any installation or group of installations that provide for the transmission or routing of telecommunications signals, and for the exchange of control and management information relating between the network's termination points;

"telecommunications service" means a service, usually provided on a fee-paying basis, that consists wholly or primarily of transmitting or routing signals;

"value-added services" means telecommunication services provided over public or private networks which, in some way, add value to the basic carriage, usually through the application of computerized intelligence;

2. (1) These Regulations shall apply to the following-
processes-

Scope of
application.

- (a) granting business licenses and authorisations for telecommunications, broadband communications and ancillary services in Sierra Leone;
- (b) enforcement of license conditions of telecommunications operators or broadband service providers; and

- (c) use and operation of networks, systems, equipment or apparatus and the provision of telecommunications and broadband services.

Types of licences.

3. Subject to the Act and these Regulations the Commission shall issue the following licences to approved licensees-

- (a) individual licence;
- (b) class licence; and
- (c) unified license

Format of Application Forms

4. Application for -

- (a) an individual licence shall be in the format as set out in Form LIA of the Third Schedule;
- (d) class licence shall be in the format as set out in form LIB of the Third Schedule;

Categories of individual licence.

5. Individual licence shall comprise the following -

- (a) infrastructure-only individual licence;
- (b) infrastructure-based individual licence;
- (c) infrastructure and service-based individual licence.

Infrastructure-only individual licence.

6. (1) Infrastructure-only individual licence permit licensees to build, own and operate communications network infrastructure, for delivering services to individual licensees as well as class licensees.

(2) Infrastructure-only licensees shall not deliver any form of service to end-users and shall limit their operations in the market to only licensed operators except where the Commission deems it not feasible for other licensed operators to deliver services in a reasonable or profitable manner.

(3) Infrastructure-only licence shall be granted to persons or organisations that deliver essential services such as terrestrial and sub-marine fibre-optic cables, cable landing stations, multi-tenant communications towers, international fibre-optic cable, telecommunications exchanges and earth satellite stations.

7. (1) An infrastructure-based individual licence enables a provider of communications services to build, own and operate an electronic communications network, system or facility primarily for its own use in delivering services to its end-user customers. Infrastructure-based individual licence.

(2) Infrastructure based individual licensees may offer infrastructure services to other players in the market, including other infrastructure-based licensees, service based individual licensees and class licensees.

(3) Infrastructure based individual licence enables the operator to own and operate the following types of facilities with nationwide coverage -

- (a) fixed telecommunications systems such as exchanges, fibres, ducts, submarine cables, landing stations, cable and satellite international gateways needed to offer local and international voice, data and leased circuit services;
- (b) mobile communication systems such as base stations, public mobile switching systems, microwave radios and mobile data systems;

- (c) any terrestrial electronic communications infrastructure for the carriage of electronic communications traffic;
- (d) international communications gateways via satellite or submarine fibre optic cables; and
- (e) electronic communications network, system or facility for its own use in delivering services to its end-user customers.

Infrastructure and service-based individual licence.

8. (1) A service-based Individual licence permits a provider of communications services, to build, own and operate electronic communications network, system or facility for its own use in delivering services to its end-user customers.

(2) Service based individual licensees shall be granted a limited scope to build a network and a limited scope of radio frequency spectrum and other scarce resources.

(3) The scope of permissible facilities shall be specified under the terms and conditions of the licence issued to a service-based individual licensee.

(4) For infrastructure needs beyond that which is stipulated in the specific terms of their licence, service based individual licensees shall be required to negotiate infrastructure service contracts from infrastructure-only or infrastructure-based individual licensees.

Class licenses.

9. (1) Class licence shall be issued to business communications service providers that propose to deliver their portfolio of services through simple resale of existing services of individual licensees or through value-added products and services that are derived from services offered by individual licensees.

(2) Class licensees shall not be assigned licensed radio frequency spectrum resources and shall enter into agreements with individual licensees for spectrum resources on agreed terms and conditions.

(3) Class licence shall be strictly service-based, and operators licensed under this regime shall not be permitted to build or operate communications networks or be assigned spectrum frequencies.

10. (1) A unified licence permits a provider of communications services, to build, own and operate electronic communications network, system or facility for its own use, in delivery services to its end-user customers. Unified licence

(2) A unified licence allows existing fixed wireless and mobile licensees to provide both services subject to geographical or regional limitation contained in their licence.

(3) Upon the acquisition of a unified licence, all wireless licences shall not be segmented in terms of mobile and fixed service categories, and once a spectrum is assigned, licensees shall be free to offer voice, data or multimedia services as they deem fit.

(4) The Commission in consultation with stakeholders in the telecommunications industry and the public shall develop a framework within 24 months after coming into force of these Regulations, for the introduction of a unified licensing regime in Sierra Leone.

(5) The unified licensing framework shall detail a market analysis of the impact of the new licence on the market in general, which shall be published on the Commission's website.

(6) In developing the framework for the unified licensing regime, the following aspects shall be considered-

- (a) mapping of existing service specific licenses into unified licensing model;
- (b) scope of unified licence;
- (c) limits of unified licensing ;
- (d) desired level of regulation;
- (e) License fees;
- (f) tenure of a unified license and the conditions under which the licence will be renewed;
- (g) eligibility criteria for existing licensees to acquire unified licence;
- (h) implementation strategy for unified licensing regime such as phased approach or one-step implementation.

Permissible services.

11. (1) Except where expressly permitted by the Commission, infrastructure-only licensees shall deliver infrastructure services required for electronic communications services to other licensees only and such services shall not be delivered to end-user customers in the market.

(2) Where an infrastructure-only licensee, is permitted to deliver services directly to end-user customers, the Commission shall provide details of specific groups or segments with justifications of why such services would otherwise not be delivered by operators licensed to deliver communications services to that specific group or segment of customers.

(3) Where the Commission grants permission to deliver to end-user markets, such permits shall be issued with specific terms and conditions.

(4) An infrastructure-based individual licensees shall provide the following range of services either directly, or through resellers-

- (a) public switched telephone services;
- (b) public switched message services;
- (c) public switched integrated digital network services;
- (d) leased circuit services;
- (e) public switched data services;
- (f) public cellular mobile telephone services;
- (g) public radio-communication services;
- (h) public radio paging services;
- (i) public trunked radio services;
- (j) public mobile data services;
- (k) public mobile broadband and multimedia services including internet service providers;
- (l) public fixed-wireless broadband multi-media services including internet service providers;
- (m) data centre services;
- (n) public switched voice over internet services;
- (o) public digital television spectrum management; and
- (p) value added communication services.

(5) Infrastructure and service-based individual licensees shall be permitted to provide the following range of services either directly, or through resellers-

- (a) public fixed-wireless broadband multi- media services;
- (b) public switched voice over internet services;
- (c) public cellular mobile telephone simple resale services (virtual network operator);
- (d) public mobile data resale services (virtual network operator);
- (e) public mobile broadband and multimedia resale services (virtual network operator);
- (f) simple resale of public switched message services;
- (g) public switched digital television aggregation services (internet protocol television services);
- (h) store and forward value-added network services or value added network ;
- (i) bandwidth capacity exchange operation;
- (j) live audio text services;
- (k) public internet exchange services;
- (k) data centre services;
- (l) value added communications services; and

(m) mobile money transactions and financial technology services

(6) A class licensee shall be permitted to provide the following range of services directly to end-users in the market-

- (a) public fixed-wireless broadband and multimedia services;
- (b) simple or value-added resale of public switched telephone services;
- (c) simple or value-added resale of public switched message services;
- (d) simple or value-added resale of public switched integrated digital network services;
- (e) simple or value-added resale of public switched data services;
- (f) simple or value-added resale of public cellular mobile telephone services;
- (g) simple or value-added resale of public radio-communication services;
- (h) simple or value-added resale of public radio paging services;
- (i) simple or value-added resale of public trunked radio services;
- (j) simple or value-added resale of public mobile data services;
- (k) simple or value-added resale of public mobile broadband and multimedia services;

- (l) simple or value-added resale of public fixed-wireless broadband multimedia services;
- (m) simple or value-added resale of data centre services; and
- (n) simple or value-added resale of public switched digital television services.

(7) (1) A unified licensee shall be permitted to provide the following range of services either directly, or through resellers-

- (a) fixed telephony whether wired or wireless;
- (b) digital mobile services;
- (c) international gateway services;
- (d) national long distance services; and
- (e) regional long distance services.

(2) In the unified access service licence, the following services shall be allowed-

- (a) mobile network services subject to the frequency assignment and geographical limitations in the original license;
- (b) fixed and broadband data services;
- (c) internet service, value added service and payphone services; and
- (d) international gateway for own use and thirty party

12. The following businesses shall not require licensing, but interested individuals or organisations shall submit to the Commission an application for authorisation as set out in Form LIC of the Third Schedule - Certification regimes.

- (a) operation of frequency modulation radio stations;
- (b) operation of television broadcasting stations;
- (c) importation and dealership of radio transceiver terminal equipment; and
- (d) operation of very high frequency radio services.

13. Individuals or organisations offering the following type of services within Sierra Leone shall not require authorisation, but shall notify the Commission of their business operations, by submitting to the Commission the business declaration form as set out in Form LID of the Third Schedule- Declaration regimes.

- (a) installation of frequency modulation radio stations, satellite television and fixed wireless internet equipment;
- (b) retail trading of mobile handsets and broadband internet access points or routers;
- (c) mobile top-up master or super agents;
- (d) management contractors for individual licence holders (infrastructure, networks systems, billing and call centre management);
- (f) internet content developers;

- (g) digital advertising services;
- (h) web hosting and data centre services;
- (i) electronic and interactive transaction services; and
- (j) networked advertising boards.

Classification of existing licensees.

14. At the time of entry into force of these Regulations, all existing licensed operators in the electronic communications industry shall be placed under one of the licence as stipulated under these Regulations and the terms and conditions of such licenses shall be binding on such operators after 180 days.

Application process for business licence.

15. (1) An application for a telecommunications business licence shall be made in the format as set out in the Third Schedule.

(2) An application for modification or renewal of an existing telecommunications licence shall be made in the format set out in the Third Schedule.

(3) The application documents may be submitted in hard copies and delivered to any of the Commissions business offices, or via post to the Commission's P.O. Box 121.

(4) Applicants means complete the application form available on the Commission's web portal, which is available via its website (www.natcom.gov.sl), attaching copies of the required supporting documents.

Acknowledgement of license applications.

16. (1) The Commission shall acknowledge receipt of applications for licence within 7 working days from the date of Submission and shall indicate the time limit for processing the applications.

(2) Where an application is deemed incomplete or the Commission shall inform the applicant within 7 working days, to enable him to complete and comply with the application requirements.

17. From the date of commencement of these Regulations, the Commission may determine whether the issuance of additional licenses to operate and provide the following categories of electronic communications services shall be done following public invitation by the Commission and such invitation shall be implemented through a tender process-

Licenses with tender requirements.

- (a) fixed public switched telecommunications services that requires significant use of terrestrial rights of way and numbering resources;
- (b) mobile cellular telecommunications services that requires significant use of spectrum and numbering resources;
- (c) international telecommunications gateway services;
- (d) public switched digital television spectrum management services; and
- (e) any other electronic communications service that will be notified by the Commission.

18. (1) Prior to making a decision to invite tenders of licences for the categories referred to under paragraphs (a) to (e) of regulation 17, the Commission shall determine whether the general public interest, socio-economic benefits to the country, justified interest of existing operators, and overall necessity shall be served by granting additional licences.

Considerations prior to tender.

(2) The basis and justification of such a determination referred to in sub-regulation (1) shall be published in an official memorandum to enable consultations with relevant stakeholders on the underlying justifications.

(3) The final decision on whether to proceed with such a tender shall be made by the Directors after consultation with the Minister.

Tender
process.

19. (1) Where a determination is made for a tender process, the Commission shall by public notice invite bids using the competitive bidding method of selection.

(2) The Commission may restrict a tender for an individual licence to existing licensees, where it believes it will be economically beneficial and does not compromise the fundamental objectives of the solicitation for bids.

(3) The public notice referred to under sub-regulation (1) shall state the appropriate competitive bidding methodology, which shall include auctions, price or quality-based evaluations and other criteria.

(4) The public notice referred to under sub-regulation (1) shall include key information on the tender and shall at the minimum include the following -

- (a) telecommunications operations and services in respect of which applications are invited;
- (b) service area, relevant technical parameters, technical, legal and financial requirements to compete for selection;
- (c) selection method or type of auction;
- (d) reserve price (if applicable);

- (e) entry fee for bidders;
- (f) deposit payable by a successful bidder;
- (g) method of payment for a licence; and
- (h) form in which applications shall be submitted, the place where and time or period within which application forms may be obtained and submitted.

20. (1) In the case of class licences or individual licences that do not require a tender process, the Commission shall accept and assess licence applications on a continuous basis. Application for other licences.

(2) The Commission in assessing an application for a licence or an application for modification or renewal of a licence shall consider the following criteria-

- (a) eligibility of the applicant ;
- (b) capability of the applicant, based on previous experience as an entity or the joint experience of the management team;
- (c) policy objectives under the Act; and
- (d) public interest to be served.

(3) A licence shall be issued based on the merit of an application and the Commission shall evaluate an application, based on the applicant's-

- (a) commitment to developing and sustaining investments in Sierra Leone's communication sector;
- (b) ability to deliver the proposed service and infrastructure commitments; and

- (c) commitment to complying with quality of service standards under regulations made under the Act.

(4) The Commission shall in determining the merits of an application consider the following -

- (a) business objectives and operating targets of an applicant ;
- (b) organisational structure and financial capability and strength of the applicant, as stated in their investment plan;
- (c) applicant's competition strategies for the provision of services,
- (d) technical soundness of the applicant's plans and the feasibility of implementing the plans;
- (e) benefits that will be brought by the applicant to the industry, users and the Sierra Leone economy as a whole, in terms of investment, enhancement of the telecommunications infrastructure, capacity, capability and connectivity;
- (f) level of technological and service innovation and responsiveness, the range and choice of products and services offerings, competitive pricing, the level of quality of service; and level of customer service support; and
- (g) limitations of available natural resource such as spectrum and numbering, if required in the application.

(5) Where the Commission grants an application for a service based operation class licence to any operator , the successful applicant shall pay the prescribed licence fee and register with the Commission before providing any stipulated type of services.

21. (1) The Commission may grant or reject an application for a licence within 90 days of receiving an application. Rejection
a of license
applications.

(2) Within 30 calendar days of receiving the application, the Commission may request further details or information in respect of an application.

(3) The evaluation criteria for determining eligibility for granting or rejecting a license application shall be based on objective criteria made known to an applicant in advance.

(4) On completion of the evaluation process, the Commission shall notify the successful or unsuccessful applicant of the results of the application accordingly in writing, and in the case of unsuccessful applicants, giving reasons why the application was rejected.

22. (1) The Commission may refuse an application for a licence if the - Conditions
for refusal
of licence.

- (a) applicant has failed to comply with the minimum evaluation requirements or the terms and conditions of the licence;
- (b) application documentation does not contain the information prescribed by the Commission;
- (c) applicant is in contravention of the Act or any other legislation in relation to other licences that the applicant may hold; or

- (d) application contains false or misleading information, or misrepresentations of fact.

Infrastructure
licensing.

23. (1) The Commission may grant individual infrastructure licences for the development communications infrastructure that support multi-tenancy by other licensees in order to promote principles of equal and non-discriminatory access and minimise duplications of infrastructure investments.

(2) The licence shall contain additional terms and conditions for building and operating infrastructure such as communications towers, fibre optic cables, landing stations and communication exchanges.

(3) The terms and conditions of a licence shall provide general standards for building infrastructure and shall ensure that -

- (a) undue duplication of infrastructure investments is prevented, as the capital expenditures will invariably be amortised through revenues, which have implications on tariffs and service charges; and
- (b) multiple licensed operators are guaranteed access to essential facilities without compromising the technical integrity, while minimising the environmental impacts of the infrastructure development

(4) The Commission shall-

- (a) take a view that recognises the licensee's infrastructure investments as part of its wider competitive strategy;

- (b) balance the need to promote open access to infrastructure by all operators on the one hand, with the interests of the licensee that has committed substantial resources into building the infrastructure on the other;

- (c) develop standards and guidelines for the development of various categories of communications, infrastructure and facilities.

24. (1) An individual licensed operator operating in a monopoly sector shall allow individual or class licensee or unified operators to use his infrastructure. Infrastructure access and Tenancy terms.

(2) An individual infrastructure licensed operator operating in a competitive sector, who makes substantial infrastructure investments as part of its wider competitive strategy, shall have the right to lease access to its infrastructure to competitors or operators in the same segment of operations.

(3) Operators shall enter into constructive negotiations to lease a space on essential infrastructure.

(4) An operator shall provide tenancy services to other licensed operator to the magnitude that the counterparty provides tenancy services to that operator or to pay commercially fair prices, based on investment and operating cost-orientations.

(5) Where a requesting party requires more facilities than that which it offers in a facility leasing arrangement, the providing party shall reserve the right to refuse tenancy access or state the commercial terms at which it provides access to its infrastructure to the requesting party.

(6) The Commission shall intervene to require leasing where the operations of the operator will-

- (a) lead to an unnecessary duplication of infrastructure; and
- (b) not necessarily disadvantage the owner of the infrastructure in the market.

Process for
tenancy
requests.

25. (1) Upon request from a licensee, the infrastructure provider shall provide the requesting party with a commercial offer for infrastructure tenancy, providing relevant details and substantial information to facilitate a feasibility study on its facilities to implement the infrastructure sharing.

(2) The infrastructure provider shall provide the requesting party with the information referred to under sub-regulation (1) within 30 days from receiving a request.

(3) An infrastructure provider may refuse the leasing or sharing of network facilities on legitimate grounds, such as-

- (a) infrastructure provider would be commercially prejudiced in view of the infrastructure serving a strategic competitive advantage;
- (b) request of tenancy o infrastructure sharing is unreasonable;
- (c) space available is not sufficient to grant tenancy or sharing;
- (d) infrastructure sharing would challenge the capacity provided through the infrastructure, leading to harmful interferences; or
- (e) infrastructure sharing would cause irreparable damage to the property or the interoperability of the infrastructure.

(4) A refusal under sub-regulation (3) shall be made in writing indicating the reasons for the refusal.

26. A business licence gives the licensee the right to be allocated with suitable dedicated spectrum resources to support its full range of services to be delivered in the market. Rights to spectrum resources.

27. The application for and granting of spectrum resources shall comply with regulations made under the Act relating to radio frequency spectrum management. Application for spectrum.

PART III-GENERAL CONDITIONS OF LICENCE

28. Licences issued under these regulations shall contain general or specific terms and conditions and the licensee shall comply with such term and conditions failing which the licence may be suspended or revoked, pursuant to the provisions of the Act. General Conditions of licence.

29. (1) A telecommunications licence authorises a licensee to provide a specific set of services and such services shall be listed in the body of the licence. Permissible services and technologies.

(2) The license permits the licensee to utilise any technology and equipment it deems fit to delivery the services it provides.

(3) All equipment to be imported for use on the licensee's network shall be approved by the Commission and the Commission shall issue to the licensee a type approval certification.

30. (1) A telecommunications licence shall specify the geographical areas within which the licensed services should be delivered, including mandatory minimum coverage levels for commencement and targets for expansion over a specified period. Mandatory geographical coverage targets.

(2) In determining mandatory coverage targets, the Commission shall take into consideration the following -

- (a) the applicant's business plan; and
- (b) areas that have been covered with network infrastructure such as communication towers and fibre optic cables by other licensees; and
- Universal access 31. A communications licence shall -
- (a) clearly stipulate the universal service obligations of the licensee in terms of its contributions to the Universal Access Development Agency Fund;
- (b) include the licensee's entitlement from the Universal Access Development Agency Fund wherein it makes unsustainable losses to implement projects that support the Universal Service goals; and
- (c) refer to the regulations of the Universal Access Development Agency Fund
- Tariffs. 32. A telecommunications licence requires a licensee to comply with specified standards of the licensed services as well as criteria for setting its tariffs for the various licensed services and regulations made under the Act relating to regulations of tariff.
- Access and interconnection. 33. A telecommunications licence shall requires a licensee to comply with specified standards of the licensed services as well as requirements for interconnecting their network systems with other licensed operations and regulations made under the Act relating to access and interconnection of telecommunications
- Term and renewal. 34. A telecommunications licence shall specify the period of validity of the license, the terms and conditions of the license and conditions for renewal of the licence.

35. Pursuant to the Act, a licence shall clearly stipulate that an operator shall-
- (a) not engage in anti-competitive acts or acts in breach of fair competition
- (b) comply with the fair competition rules stipulated in the Act and regulations made under the Act.
- Anti-competitive Prohibitions
36. In assessing the merits for the renewal or modification of existing licences, the Commission shall consider the following-
- (a) level of compliance with the terms and conditions of the licence during validity period; where such compliance shall be measured in terms of violations of quality of services, universal access contributions, tariffs and customer services; and
- (b) ability to achieve its strategic objectives in terms of investments, service scope, coverage, employment and other stated benefits stated in its original application for the licence.
- Renewal or modification of licence.
37. (1) The Commission shall maintain a register of all licences certification and authorisations for providers of ICT services.
- (2) The content of the register shall be published in the gazette and uploaded on the Commission's website.
- License and certification register.
38. The fees for various categories of licenses shall be as set out in the First Schedule.
- License fees.

Assignment of numbering resources.

39. A telecommunications licensee shall comply with the criteria for use of numbering resources for service delivery and regulations made under the Act relating to numbering resource management

Quality of services.

40. A telecommunications licensee shall comply with the minimum standards for quality of services delivered to its customers and the regulations made under the Act relating to telecommunications quality of services,

Equipment type approval.

41. (1) A telecommunications licensee intending to import electronic communications equipment for use on its network shall apply to the Commission for a type approval certification for all the equipment unless a waiver is granted by the Commission.

(2) The licensee shall comply with regulations made under the Act relating to electronic communications equipment type approval during the operation of its business.

PART IV-Construction of Communication Towers and Deployment of Terrestrial Fibre Optic Cable Infrastructure

Application for construction of new towers

42. (1) Applications for the construction of new communication towers shall be submitted to the Commission in the prescribed form after approval from the relevant bodies referred to under regulation 43 have been obtained.

(2) The applicant shall attach to the application supporting documents containing all the relevant information required by ministries, departments and agencies involved in providing approvals for the construction of towers.

(3) A mobile network operator or service provider shall comply with the applicable laws during the construction process and the development of terrestrial fibre optic cable infrastructure.

(4) A mobile operator or service provider shall submit to the Commission a list of planned sites to be constructed in December of each year.

43. Subject to the Act and regulations made under the Act the following bodies or authorities shall be responsible for granting certain approvals relating to the construction of communication towers-

Departments
To grant
Approvals

- (a) National Civil Aviation Authority;
- (b) Environmental Protection Agency;
- (c) Petroleum Directorate ;
- (d) Sierra Leone Roads Authority ; and
- (e) Local Government Body

44. The Commission shall compile a concise list of information on requirements for the construction of various types of communications Infrastructure

List of
Information.

45. The relevant information to be attached to an application for the construction of communication towers shall include the following-

Content of
Application.

- (a) the location and GPS coordinates of the proposed site
- (b) proximity (if applicable) to high voltage power lines of 11Kv and above the minimum distance of a tower from a high voltage line shall be 1.5 times the proposed height of the tower

- (c) manufacturing specifications and technical data on tower fabrication parameters
- (d) technical design details of construction area including plot size, engineering drawings, description of the tower locating community whether urban, rural, residential, industrial, commercial or uninhabited
- (e) description of the tower, whether it is a guided tower, rooftop tower or self-supporting tower
- (f) co-location rejection statement by a site owner within stipulated distance of proposed tower site
- (g) evidence of payment of all applicable permit fees, which shall be communicated to the applicant by the Commission
- (h) information required by other Government Ministries Departments and Agencies involved in issuance of permits for construction of communication towers

Application Processing.

46. (1) The Commission shall verify all submitted documents at the time of submission for completeness and compliance and shall notify the applicant within 3 business days of the outcome of the verification

(2) Where the documentation is deemed to be incomplete the applicant shall be informed within three (3) business days to enable them to comply with the application requirements

(3) Where any further information or site visit is referred to by the Commission or relevant government bodies under regulation 43 the applicant shall be notified within three (3) days prior to the intended visit.

(4) The Commission shall work in collaboration with the relevant government bodies referred to under regulation 43 to review the application and communicate final response to the applicant within a maximum period of ninety (90) days from the date of submission.

(5) An applicant who provides false information in the application shall be sanctioned in accordance with the relevant laws.

47 (1) Where an application to construct a tower is refused the applicant may appeal against the decision of the Commission within fourteen days from the date of receipt of the decisions, to an Infrastructure Appellate Committee which shall be established by the Minister.

Refusal and Rights of Appeal.

(2) The Infrastructure Appellate Committee shall within thirty (30) days after receiving an appeal, decide on the appeal and shall inform the Commission and the applicant concerned of its decision within seven (7) days of making the decision.

(3) An applicant dissatisfied with the decision of the Infrastructure Appellate Committee may within thirty (30) days of being informed of that decision, appeal to the High Court .

48 (1) A licensee who intends to construct a tower in a particular location shall prove that all reasonable steps have been taken to obtain access to tower sharing and tenancy to an existing tower before applying for a permit to construct a new tower within a specified radius of 500m of the proposed site.

Construction of New Towers.

(2) Where tower heights are shorter, the following smaller search radius shall be used -

- (a) a radius of 400m shall apply for two towers above 40m to be located,;
- (b) a radius of 300m shall apply for two towers below 40m towers.

(3) Where it is not technically feasible to obtain access to tower sharing, a written document, which indicates the reason why tenancy is not granted, shall be supplied by the site owner within (3) business days to the applicant.

(4) The applicant shall submit the tenancy rejection statement as part of its supporting documents to apply for permit to construct a new site.

Database
of Towers

49. (1) Licensees owning and operating communication towers shall maintain a database of all the towers and provide the updated information to the Commission .

(2) The database shall, at a minimum, include the following details-

- (a) tower ID
- (b) location (city/town/village/zone)
- (c) GPS coordinates;
- (d) tower heights
- (e) tower description and height
- (f) manufacturer;
- (g) co-location partners or tenants.

Terrestrial
Fibre Optic
Cable
Networks

50. (1) A licensee who intends to construct a terrestrial fibre optic cable network shall prove that all reasonable steps have been taken to obtain access to the cable network infrastructure before applying for a permit to construct a new fibre optic cable alongside the current deployment.

(2) Applications for construction of terrestrial fiber optic cable network shall be submitted to the Commission in the prescribed form.

(3) The applicant shall attach to the application supporting documents containing all the relevant information required by ministries, departments and agencies involved in providing approvals for the developnemt of terrestrial fibre optic cable.

(4) Where deployed cable infrastructure is different from that which the applicant is requesting permit, it shall be permissible to deploy access-layer cable networks along the routes where-

- (a) cable assets serve transmission only purposes; and
- (b) the logical network of the existing cable does not permit easy integration with the applicant's network.

(5) Where it is not technically feasible to get access to an existing cable infrastructure along the proposed route of development the existing cable owner shall prepare a document indicating the reason why access is not granted reason and submit to the applicant within 30 working days after receiving request for access from the applicant.

(6) The applicant shall attach the document referred to under sub-regulation (5) to his applicant as part of his supporting documents when applying for a permit to construct a new terrestrial cable infrastructure.

(7) The annual regulatory fee payable for terrestrial fibre optic cable shall be calculated based on the formulae set out in the Second Schedule where the unit fee, band factor and the number of fibre pairs are taken into account.

51. (1) All licensees owning and operating terrestrial fibre optic cable networks shall maintain a database of all infrastructure, and provide updated information to the Commission. Database

(2) The database shall, at a minimum, contain the following details-

- (a) route maps of the depoloyed cables;
- (b) type of deployments (urban/metro or intercity/cross-border)
- (c) purpose of various segments (transmission, distribution, access)
- (d) nature of deployment (sub-terranean or aerial or mixed)
- (e) number of fibre pairs/strands

Design and
Construction

52. (1) A person applying for a permit to deploy fibre optic or other types of cabled infrastructure shall comply with the ITU-T's manual for outside plant technologies for public networks.

(2) The design structures for towers shall be determined by the landscape on which the tower is to be located.

(3) The three broad classification of geographical landscapes shall be as follows -

- (a) exposed smooth terrain with virtually no obstructions in which the height of any obstructions is less than 1.5m. and this category includes open seacoasts, lakeshores and flat, treeless plains with little vegetation other than short grass.
- (b) open terrain with widely spaced obstructions (100m apart) having heights and plan dimensions generally between 1.5m and 10m- this category includes large airfields, open parkland or farmlands and undeveloped outskirts of towns and suburbs with few trees.

- (c) terrain having numerous closely spaced obstructions generally the size of domestic and high-rise buildings and this includes wooded areas and suburbs, towns and industrial areas, fully or substantially developed.

(4) In designing towers, wind loading shall be the predominant dynamic loading to be considered outside dead weights since severe environmental conditions that lead to additional seasonally variable loads are non-existent.

(5) Wind load rating shall be based on the height of the tower and where it is located.

(6) The design of towers shall provide for specific conditions that might exceed the standard values specified in these regulations.

(7) The design philosophy shall be based on the following two limiting factors-

- (a) strength limit which considers the loading of a tower under extreme conditions; and
- (b) serviceability limit which ensures that the tower will provide the proper service under normal circumstances.

(8) The loading on a tower shall be analysed under wind, soil and seismic conditions.

(9) The wind effect on a tower shall take cognisance of a number of external conditions that may change the dynamics of the wind, such as terrain, gusts, the method of wind-speed determination and the value of safety factors needed for a specific tower type.

(10) A proportionate amount of tolerance shall be applied to take care of the safety issue, which defines the impact a failure would have on the operational integrity of a tower, human life and property.

(11) The design of the structure shall incorporate the gust factor to account for the varying nature of wind.

(12) The calculation of wind speed shall be based upon information provided in the Wind Flow Map of Sierra Leone from the National Meteorological Agency.

(13) The expected service life of a tower shall be a minimum of fifteen (15) years.

(14) The design, fabrication materials and methods, installation accessories, safety factor and tower loadings shall conform to standards and last for the expected service life of a tower.

(15) A base station, in built-up areas, may have a solar power and a generator, as a secondary source of power and where a generator is used, it shall be-

- (a) sited at least five (5) meters away from all properties utilised as accommodation, excluding the fence;
- (b) soundproof and comply with all permissible sound levels prescribed by EPA, who shall carry out periodic (annual) noise monitoring;
- (c) installed on good shock absorbers to minimize vibrations to the barest minimum;
- (d) installed with its exhaust directed away from any occupied residential property; and
- (e) installed with the appropriate mufflers and silencers.

53. (1) An owner who intends to discontinue or defer the use of a tower shall submit a written notice to the Commission indicating his intention to discontinue or defer the use of the tower and the date of such discontinuance or deferral. Discontinuation
of Use of
Towers

(2) Where the owner discontinues the use of a tower and keeps it for future use for expansion purposes, the owner shall inform the Commission in writing of its future use, and the duration for which the tower is kept for expansion shall not exceed 18 months.

(3) The owner shall remove the decommissioned tower within a hundred and twenty (120) days after the date of discontinuance of failing which the Commission shall remove such facility and charge the owner the costs of removal.

(4) Where a communication structure does not comply with the Act and regulations made under the Act the Commission shall notify the owner to remove the communication tower.

(5) Where a communication tower is not removed within a hundred and twenty (120) days of receipt of the notice referred to in sub-regulation (4), the Commission shall remove such facility and charge the owner with the costs of removal.

54 Where a licensee does not comply with these regulations or the towers removed on or before the 2-year period, the Commission shall remove the facility and charge the licensee the cost of removal. Moratorium

FIRSTSCHEDULE

Applicable Fees for Business Licensing and Authorisation, Spectrum and Numbering Resources 39

Type of Business/Service	Application Fees (Lc)	Initial License Fee (Lc)	Annual Regulatory Fee (Lc)
CELLULAR NETWORK (GSM & CDMA) LICENSE			
Second Generation Network License for 15 years	500,000,000.00	12,500,000,000.00	5,250,000,000.00
Third Generation Network License for 15 years	500,000,000.00	10,000,000,000.00	5,985,000,000.00
Fourth Generation Network License for 15 years	500,000,000.00	67,000,000,000.00	7,035,000,000.00
CDMA Network License for 15 years	500,000,000.00	10,000,000,000.00	6,300,000,000.00
Unified License Regime for 10 years	THD	THD	THD
DEALERSHIP LICENSE			
Class A License (e.g. Cellular phones, PABX, etc.)	1,000,000.00	6,000,000.00 per store	5,000,000.00 per store
Class B License (e.g. HFN/IF/UITF Radio equipment, etc.)	1,000,000.00	4,000,000.00 per store	3,000,000.00 per store
Class C License (e.g. VSATs, Licensed band equipment, etc.)	1,000,000.00	6,000,000.00 per store	5,000,000.00 per store
INSTALLERS LICENSE			
Class A License (e.g. UHF/Microwave/LDS equipment, Broadcasting, WAN)	1,000,000.00	6,000,000.00	5,000,000.00
Class B License (e.g. VSATs, Licensed band equipment, LAN)	1,000,000.00	4,000,000.00	3,000,000.00
Class C License (e.g. IF/AT/IF Mobile Radio equipment, etc.)	1,000,000.00	2,000,000.00	2,000,000.00
INTERNET/DATA SERVICE LICENSE			
Broadband Internet Service Provider Nationwide	10,000,000.00	120,000,000.00	100,000,000.00
Broadband Internet Service Provider in the Province	5,000,000.00	25,000,000.00	20,000,000.00
VSAT Broadband Internet Service Provider	10,000,000.00	50,000,000.00	30,000,000.00 plus 250,000.00 per VSAT Terminal

Data Storage Service Provider	20,000,000.00	100,000,000.00	100,000,000.00
Broadband Internet Service Provider (Unlicensed Frequencies)	10,000,000.00	120,000,000.00	100,000,000.00
Dynamic Active (Mobile) and Static (Stationary device) Industrial IoT (IIoT) applications	20,000,000.00	1,500,000,000.00	1,000,000,000.00
VALUE ADDED SERVICES (VAS)			
Communications Value Added Services (VAS)	1,000,000.00	30,000,000.00	15,000,000.00
Local Voice over Internet Protocol (VoIP)	1,000,000.00	50,000,000.00	40,000,000.00
Short Messaging Services (SMS) Gateway	1,000,000.00	30,000,000.00	20,000,000.00
Unstructured Supplementary Service Data (USSD) Gateway	1,000,000.00	30,000,000.00	20,000,000.00
NUMBERING RESOURCES LICENSE			
Number Resource Rental per Subscriber Number per year for Mobile Operators	N/A	N/A	1,600.00 per Subscriber Number
National Destination Code (NDC)	N/A	N/A	50,000,000.00 per NDC per year
International Signalling Point Code (ISPC)	N/A	N/A	50,000,000.00 per NDC per year
National Signalling Point Code (NSPC)	N/A	N/A	50,000,000.00 per NDC per year
Short Code Number for Fintech Services and other applications	1,000,000.00	10,000,000.00 per code per year	10,000,000.00 per code per year
Assorted Short Code for Mobile Network Operators	N/A	N/A	5,000,000.00 per week per year
Toll Free Number	1,000,000.00	5,000,000.00 per number per year	5,000,000.00 per number per year
Premium Number	1,000,000.00	5,000,000.00 per number per year	5,000,000.00 per number per year
Shared Cost Service	1,000,000.00	2,500,000.00 per number per year	2,500,000.00 per number per year
INFRASTRUCTURE-BASED COMMUNICATIONS LICENSE			
Infrastructure-Based Communications License for Mobile Towers for 15 years	350,000,000.00	1,500,000,000.00	1,200,000.00 per Tower per year
Infrastructure-Based Communications License for International Voice Gateway for 15 years	100,000,000.00	1,500,000,000.00	N/A

Infrastructure-Based Communications License for Terrestrial Fibre Optic Cable Network for 25 years	350,000,000.00	Based on Calculation in Schedule 3	Based on Calculation in Schedule 3
Infrastructure-Based Communications License for Submarine Cable Landing Station for 25 years	500,000,000.00	5,000,000,000.00	1,000,000,000.00
Electronics Communications Interconnect Clearing House Services for 10 years	10,000,000.00	500,000,000.00	350,000,000 after 10 years
Infrastructure-Based License for Mobile Money transactions or Financial technologies for 10 years	10,000,000.00	250,000,000.00	100,000,000.00
AERONAUTICAL SERVICE LICENSE			
Aeronautical HF Fixed and Mobile Stations Licence	1,000,000.00	1,000,000.00 per station	500,000.00 per station
Aeronautical VHF Fixed and Mobile Stations Licence	1,000,000.00	1,000,000.00 per station	500,000.00 per station
Aeronautical Station – Commercial	5,000,000.00	40,000,000.00 per station	65,000,000.00 per station
Aeronautical Ground to Air Station (Glider, Hang Glider and Balloon)	3,000,000.00	20,000,000.00 per station	30,000,000.00 per station
Aeronautical Ground Station (Airlines)	5,000,000.00	25,000,000.00 per station	40,000,000.00 per station
Radio Licence - Aircraft (take-off weight more than 3200 kg.)	3,000,000.00	10,000,000.00	5,000,000.00
Radio Licence - Aircraft (more than 3200 kg/less than 14000 kg.)	3,000,000.00	20,000,000.00	10,000,000.00
Radio Licence - Aircraft (take-off weight more than 14000 kg.)	3,000,000.00	25,000,000.00	15,000,000.00
Radio Licence for Aircraft (Glider, Hang Glider and Balloon)	3,000,000.00	5,000,000.00	2,000,000.00
Aeronautical Navigational Aid & Radar (Private Aerodrome)	1,000,000.00	5,000,000.00	2,000,000.00
Inmarsat Terminal (Terrestrial)	1,000,000.00	20,000,000.00	20,000,000.00
MARITIME SERVICE LICENSE			
Marine HF Fixed and Mobile Stations	1,000,000.00	1,000,000.00 per station	1,000,000.00 per station
Marine VHF Fixed and Mobile Stations	1,000,000.00	1,000,000.00 per station	1,000,000.00 per station
Maritime Mobile Service Identity (MMSI)	N/A	1,000,000.00	1,000,000.00
Limited Coast Station	1,000,000.00	1,600,000.00	1,600,000.00
FIXED & LAND MOBILE SERVICE LICENSE			
HF Fixed and Land mobile Stations	500,000.00	1,000,000.00 per station	1,000,000.00 per station
VHF Fixed and Land mobile Stations	500,000.00	1,000,000.00 per station	1,000,000.00 per station
UHF/SHF Fixed and Land mobile Stations	500,000.00	1,000,000.00 per station	1,000,000.00 per station
VHF Repeater Stations	500,000.00	2,000,000.00 per station	2,000,000.00 per station
Radio Amateur Licence	500,000.00	1,000,000.00 per station	1,000,000.00 per station
Citizen Band Radio Licence	500,000.00	1,000,000.00 per station	1,000,000.00 per station
VERY SMALL APERTURE TERMINAL (VSAT) LICENSE			

Very Small Aperture Terminal (VSAT) for Corporate Institutions	5,000,000.00	40,000,000.00	40,000,000.00
Very Small Aperture Terminal (VSAT) for network of Corporate Institutions	5,000,000.00	125,000,000.00	125,000,000.00
Very Small Aperture Terminal (VSAT) for Hotels outside western area	2,000,000.00	15,000,000.00	15,000,000.00
Very Small Aperture Terminal (VSAT) for Hotels in Freetown	3,000,000.00	20,000,000.00	20,000,000.00
Very Small Aperture Terminal (VSAT) for SMEs outside western area	1,000,000.00	10,000,000.00	10,000,000.00
Very Small Aperture Terminal (VSAT) for SMEs in the Western Area	2,000,000.00	12,500,000.00	12,500,000.00
Very Small Aperture Terminal (VSAT) for INGOs in Freetown	3,000,000.00	15,000,000.00	15,000,000.00
Very Small Aperture Terminal (VSAT) for INGOs in district headquarter towns	3,000,000.00	10,000,000.00	10,000,000.00
Very Small Aperture Terminal (VSAT) for INGOs in other parts of the country	3,000,000.00	5,000,000.00	5,000,000.00
Very Small Aperture Terminal (VSAT) for network of INGOs in other parts of the country	3,000,000.00	40,000,000.00	40,000,000.00
Very Small Aperture Terminal (VSAT) for local NGOs in Freetown	1,000,000.00	10,000,000.00	10,000,000.00
Very Small Aperture Terminal (VSAT) for local NGOs in Kenema, Bo, Makeni and Koidu	1,000,000.00	7,500,000.00	7,500,000.00
Very Small Aperture Terminal (VSAT) for local NGOs in district headquarters towns	1,000,000.00	5,000,000.00	5,000,000.00
Very Small Aperture Terminal (VSAT) for local NGOs in other parts of the country	1,000,000.00	3,000,000.00	3,000,000.00
Very Small Aperture Terminal (VSAT) for local NGOs in other parts of the country	1,000,000.00	25,000,000.00	25,000,000.00
EQUIPMENT TYPE APPROVAL			
Category 1 Equipment	500,000.00	5,000,000.00	N/A
Category 2 Equipment	500,000.00	2,500,000.00	N/A
Category 3A Equipment	500,000.00	15,000,000.00	N/A
Category 3B Equipment	500,000.00	7,000,000.00	N/A
Category 4 Equipment	500,000.00	10,000,000.00	N/A
Category 5 Equipment	500,000.00	2,500,000.00	N/A
BROADCASTING SERVICE LICENSE			
Commercial/ Religious Frequency Modulation (FM) Station in Freetown	1,000,000.00	7,500,000.00	7,500,000.00
Commercial/ Religious Frequency Modulation (FM) Station in Bo, Kenema & Makeni	1,000,000.00	6,000,000.00	6,000,000.00

Commercial/Religious Frequency Modulation (FM) Station in District Headquarters towns	1,000,000.00	5,500,000.00	5,500,000.00
Commercial/Religious Frequency Modulation (FM) Station in parts of the country	1,400,000.00	5,000,000.00	5,000,000.00
Community Frequency Modulation (FM) Station in the Country with ERP not exceeding 50 watts	1,000,000.00	3,000,000.00	3,000,000.00
UHF Fixed - Mobile STL-OB Links for Radio Broadcasting	500,000.00	1,000,000.00	1,000,000.00
Satellite Studio Transmitter Link (STL)	1,000,000.00	3,000,000.00	3,000,000.00
Analogous Terrestrial Television Station	10,000,000.00	20,000,000.00 per channel	20,000,000.00 per channel
Digital Terrestrial Television (Signal Distributor)	11,000,000.00	20,000,000.00 per channel	20,000,000.00 per channel
Amplitude Modulation (AM) Radio Station	1,000,000.00	5,000,000.00	5,000,000.00
Short Wave (SW) Radio Station	1,000,000.00	5,000,000.00	5,000,000.00
Direct - To - Home (DTH) TV (pay TV)	10,000,000.00	50,000,000.00	50,000,000.00
Direct - To - Home (DTH) TV (e.g. DSTV)	11,000,000.00	50,000,000.00	50,000,000.00
TV Outside Broadcast (OB)	500,000.00	1,000,000.00	1,000,000.00
Direct - To - Home (DTH) TV (Free to Air)	N/A	N/A	N/A
OTHER SERVICES			
Mobile Satellite Service (MSS): GMPCS e.g. Iridium, Inmarsat, Thuraya	20,000,000.00	100,000,000.00	100,000,000.00
Trunk Radio Network	31,000,000.00	50,000,000.00	50,000,000.00

SECOND SCHEDULE**50 (6)****Formula to Calculate License Fee for Terrestrial Fibre Optic Cable**

Spectrum Fee= Unit price X Band Factor X Cable Length (KM)

Unit Cost = Le. 15,000/KM

The applicable band factor for all fiber core or strands is 1.2

THIRD SCHEDULE**Reg 4, 12, 13 15 (1) and (2), 12, 13****16 (1) (2)****Standard Application Forms****Form L1A: Application for Individual License**

Form L1A: Application for Individual License			
General Instructions			
Natural persons or legal entities applying for an Individual License to deliver electronic communications services in line with the Licensing Regulations of 2019 should complete this Form.			
1	Applicant Profile (Please complete this section in full)		
1a	Full Name of Applicant		
1b	Permanent Address of Applicant		
1c	Official Contact e-Mail		
1d	Official Contact Phone No.		
2	Proposed Services (please tick all applicable services intended)		
2a	Public Switched Fixed Line Telephone Services	Public Fixed Wireless Broadband Internet Services	
	Public Cellular Mobile Telephone Services	Public Fixed Wireless Multimedia Services	
	Public Switched Integrated Digital Network Services	Leased Circuit Services	
	Public Switched Messaging Services	Public Digital Television Spectrum Administration	
	Public Switched Data Services	Value Added Communication Services	
3	Infrastructure Development Plan (Please select all applicable infrastructure proposed to be developed as part of the proposed investment plan)		
	Communications Towers	Submarine Fibre Optic Cables	

	Terrestrial Fibre Optic Cables		International voice gateway	
	Broadband internet gateway		Data Centre Co-Location Facility	
	Other (Specify)		Other (Specify)	
4	Business Geographical Coverage (Please tick as applicable the applicable coverage of proposed services)			
	Less than 3 Districts		Between 5 and 10 Districts	
	Between 10 and 15 Districts		Nationwide Coverage	
5	Target Market (Please tick as applicable, the target market for the proposed services)			
	Licensed service providers only		Licensed Service providers, Resellers and End-Users	
	Resellers and End-Users		End-Users Only	
6	Spectrum Resource Uses and Requirements			
6a	<i>Proposed Utilisation of Frequency Spectrum</i>			
	Backhaul Transmission		Distribution and Customer Access	
	Broadcasting		Other (Specify)	
6b	<i>Proposed Type (please indicate whether the business will require licensed or unlicensed frequencies. Tick as applicable)</i>			
	Licensed Frequencies		Unlicensed Frequencies	
6c	Please indicate the Frequency Bands required for your network			
	Primary Option Band		Associated Bandwidth	
	Secondary Option Band		Associated Bandwidth	
	Other Option Band		Associated Bandwidth	
6d	<i>Proposed Geography (please indicate the coverage of areas in which radio frequency spectrum assignment is required)</i>			
	Less than 5 Districts		Between 5 and 10 Districts	
	Between 10 and 15 Districts		Nationwide Coverage	
7	Numbering Resource Requirement (Please indicate the volume of numbers required for assignment)			
	1 Million or Less		Up to 2 Million	
	Up to 3 Million		Other (Specify)	
8	Other Technical Information (Please provide the additional information requested below in a separate document, and tick the boxes for the information provided)			
8a	Network Design, Technology and Delivery Methodology			
8a(i)	Network design, including proposed network configurations, layers, nodes, connectivity descriptions			
8a(ii)	Types of equipment to be utilised at all levels of the proposed network implementation (including equipment makes, models and specifications)			
8a(iii)	Summary information on the type of technology(ies) to be utilised in the delivery of the proposed services			
8b	Key Personnel (please provide curriculum vitae of the following key personnel separately and tick boxes for the information provided)			
8b(i)	Chief Executive Officer			
8b(ii)	Chief Technical Officer			
8b(iii)	Chief Financial Officer			
8b(iv)	Chief Commercial Officer			
9	Investment Plans (please provide in a separate document, estimates and forecasts of proposed capital outlay for initial investments and the first 5 years of operations)			
9a	Estimated capital investments in initial year of business			

Form L1B: Application for Class License

Form L1B: Application for Class License			
General Instructions			
<i>Natural persons or legal entities applying for Class License to deliver electronic communications services in line with the Licensing Regulations of 2019 should complete this Form.</i>			
1	Applicant Profile (Please complete this section in full)		
1a	Full Name of Applicant		
1b	Permanent Address of Applicant		
1c	Official Contact e-Mail		
1d	Official Contact Phone No.		
2	Proposed Services (please tick all applicable services intended. VSAT service providers will be required to complete Form L1E in addition to this Form)		
	Mobile Broadband Internet and Data Services		Fixed Wireless Broadband Internet Services
	VSAT Satellite Communications Services		Public Fixed Wireless Multimedia Services
2a	Resale of Public Mobile Cellular Network Services (MVNO)		Public Switched Digital Television Services
	Value-Added Resale of Switched Mobile Messaging Services		Resale of International Voice Communication Services (MVNO)
	Public Switched Data Services		Value Added Communication Services
3	Infrastructure Leasing Plan (Please select all applicable infrastructure proposed to be leased from other licensees as part of the proposed investment plan)		
	Communication Tower Co-Location Leasing		Leasing of Wholesale Internet Bandwidth
	Leased Circuits on Mobile Telephone Transmission Networks		Leased Circuit on International voice gateway
	Leased Circuits on Terrestrial Fibre		Data Centre Co-Location Leasing
	Other (Specify)		Other (Specify)
4	Business Geographical Coverage (Please tick as applicable the applicable coverage of proposed services)		
	Less than 3 Districts		Between 5 and 10 Districts
	Between 10 and 15 Districts		Nationwide Coverage
5	Target Market (Please tick as applicable, the target market for the proposed services)		
	Other Service Resellers and End-Users		Service End-Users Only
6	Spectrum Resource Uses and Requirements		

6a	<i>Proposed Utilisation of Frequency Spectrum</i>		
	Backhaul Transmission		Distribution and Customer Access
	Broadcasting		Other (Specify)
6b	<i>Proposed Type (please indicate whether the business will require licensed or unlicensed frequencies. Tick as applicable)</i>		
	Licensed Frequencies		Unlicensed Frequencies
6c	Please indicate the Frequency Bands required for your network		
	Primary Option Band		Associated Bandwidth
	Secondary Option Band		Associated Bandwidth
	Other Option Band		Associated Bandwidth
6d	<i>Proposed Geography (please indicate the coverage of areas in which radio frequency spectrum assignment is required)</i>		
	Less than 5 Districts		Between 5 and 10 Districts
	Between 10 and 15 Districts		Nationwide Coverage
7	Numbering Resource Requirement (Please indicate the volume of numbers required for assignment)		
	1 Million or Less		Up to 2 Million
	Up to 3 Million		Other (Specify)
8	Other Technical Information (Please provide the additional information requested below in a separate document, and tick the boxes for the information provided)		
8a	Network Design, Technology and Delivery Methodology		
8a(i)	Network design, including proposed network configurations, layers, nodes, connectivity descriptions		
8a(ii)	Types of equipment to be utilised at all levels of the proposed network implementation (including equipment makes, models and specifications)		
8a(iii)	Summary information on the type of technology(ies) to be utilised in the delivery of the proposed services		
8b	Key Personnel (please provide curriculum vitae of the following key personnel separately and tick boxes for the information provided)		
8b(i)	Chief Executive Officer		
8b(ii)	Chief Technical Officer		
8b(iii)	Chief Financial Officer		
8b(iv)	Chief Commercial Officer		
9	Investment Plans (please provide in a separate document, estimates and forecasts of proposed capital outlay for initial investments and the first 5 years of operations)		
9a	Estimated capital investments in initial year of business		
9b	Forecast of additional investments over 5 year period		
10	Proposed Staffing Requirements (please provide in a separate document)		
10a	Schedule of Human Resource requirements (Yr 0 to Yr 1)		
10b	Proposed Staffing Plans (Local vs Expatriate) (Yr 1 to Yr 5)		

Form L1C: Business Authorisation Application

Form L1C: Business Authorisation Application

General Instructions

Natural persons or legal entities applying for Class License to deliver electronic communications services in line with the Licensing Regulations of 2019 should complete this Form.

1	Applicant Profile (Please complete this section in full)	
1a	Full Name of Applicant	
1b	Permanent Address of Applicant	
1c	Official Contact e-Mail	
1d	Official Contact Phone No.	
2	Business Plan	
2a	Please provide in a separate document, a summary of the business plan, which should include the following (please tick to confirm information is included)	
(i)	Description of all services to be provided and the target market segments	
(ii)	Type of communications network facilities to be utilised for service delivery (e.g. Hosting, WANs, LANs, SIMs, VPN etc)	
(iii)	Description of types of technologies to be utilised for delivery of services	
(iv)	Information on key management personnel	

Form L1D: Business Declaration Form

Form L1D: Business Declaration Form		
<i>General Instructions</i>		
<i>Natural persons or legal entities declaring their business services in compliance with the Licensing Regulations of 2019 should complete this Form.</i>		
1	Declarant Profile (Please complete this section in full)	
1a	Full Name of Declarant	
1b	Permanent Address of Declarant	
1c	Official Contact e-Mail	
1d	Official Contact Phone No.	
2	List of Services Provided	
2a	Please provide in a separate document, list of all services provided to customers in Sierra Leone. Where the business is leasing or subscribing to services of licensed operators, please provide the list of service providers with whom the business has long-term service agreements (i.e. More than 12 Months)	

EXPLANATORY NOTE

This is not part of the regulations but it is intended to indicate their general purport)

- (a) telecommunications operations and services in respect of which applications are invited;
- (b) service area, relevant technical parameters, technical, legal and financial requirements to compete for selection;
- (a) promote fair competition, transparency in licensing procedures, technical standards and compliance with essential requirements by setting out rights and obligations of licensees and providers of telecommunications networks, infrastructure facilities or services;
- (b) create a harmonised and interoperable nationwide telecommunications network;
- (c) promote an optimal approach to infrastructure development, through the expansion of networks and services by multiple players in the sector;
- (d) provide the legal basis for the implementation of information and communications sector reform policies;
- (e) establish a transparent regulatory framework for the transformation and operation of a national electronic communications network that delivers efficient, effective, reliable and affordable services;
- (f) facilitate and regulate the development of a nation-