BROTSoLL reference Offer (Proximus Reference Offer for Terminating Segments of Leased Lines)

Presentation of the product	The BIPT Decision of 13 December 2019 on the analysis of the high-quality access market[1] obliges Proximus to grant access to its network for high-quality access (namely point-to-point fibre and copper when used for EFM[2]). Proximus has a national coverage even though in certain areas the tariff obligations are lifted leaving Proximus free to set its price for this access (see Annex E of the Decision).
	
	The BROTSoLL reference offer[3] deals with the active access to this infrastructure and more specifically to the following services:
	  - Partial Circuit: this regards the part of a permanent leased line between an end-user and an operator's site. As an interface both Ethernet and G703/G704 or G655 can be used.
	  - Backhaul line: this regards the part of a permanent leased line between two operator sites. As an interface both Ethernet and G703/G704 or G655 can be used.
	  - NGLL (Next Generation Leased Line): this regards an Ethernet service (layer 2), based on Ethernet over MPLS.
	
	The reference offer describes all technical, operational, legal and financial aspects playing a role in the provision of these services.
	In this context, it is important to remark that the interconnection options differ per product. More specifically, the Proximus network is divided into 5 zones (or Service Areas):
	  - Partial Circuits and Backhaul lines without an Ethernet interface can only be taken within the same Service Area
	  - Partial Circuits and Backhaul lines with an Ethernet interface (the so-called BROTSoLL Ethernet Service) can, however, connect two sites in different Service Areas
	  - NGLL: for the original product the alternative operator had to provide for an interconnection in each of the Service Areas in which the NGLL terminal was situated. The BIPT Decision of 13 December 2019 states that a national interconnection has to be possible as well. To this effect Proximus provides for an Inter-area NGLL connection, the availability of which depends on the roll-out of Proximus's new (TITAN) core network and on whether the NGLL is connected directly to it.
	
	For more detailed information, we recommend to contact Proximus.

Technical and operational terms	A complete description can be found in the reference offer. As this reference offer has not yet been approved by the BIPT, Proximus's website still mentions the old version of this reference offer at the following link: BROTSoLL reference offer. This reference offer consists of 1 central document (the "Main Body") and a number of annexes (referred to in the central document). The central document describes the technical terms for the Partial Circuits and Backhaul lines, while Annex 5 ("NGLL Technical Specifications") contains more technical information on the NGLL service. The operational specifications for both types of services are described in the central document: this includes among other things the SLAs and compensations Proximus has to comply with, as well as Proximus's or the alternative operator's obligations regarding provisioning, repair, etc.

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[1] https://www.bipt.be/operators/reference/decision-of-13-december-2019-analysis-of-the-high-quality-access-market-2019

[2] Ethernet in the First Mile

[3] A reference offer gives a description of the relevant offers broken down into various components according to the market needs, and the associated terms and conditions including prices. It has to be sufficiently detailed in order to guarantee that operators do not need to pay for facilities that are not necessary for the service requested.

Financial terms	Annex 1 "General Terms & Conditions" describes the financial warranties the interested parties have to meet in order to obtain access. The rates for the Partial Circuits and Backhaul Lines, and more information on the invoicing, are described in Annex 2 "Pricing and billing". These include the (monthly) rental fees and the one-time fees for the different services, depending on the options chosen. For long-term contracts discounts apply. In Annex 4 "NGLL Pricing" the different (rental and one-time) fees related to the NGLL product are described. This reference offer only describes the wholesale services aiming at the provision of high-quality connectivity services. In the context of these services, additional costs have to be provided for in order to develop retail products based on these reference offers (e.g. own network equipment, interconnection lines, ...).
How do I submit a request?	Parties interested in requesting access to the network upon reading the reference offer, are recommended by the BIPT to do so by means of a registered letter, with the BIPT in copy. According to the market analysis Proximus is obliged to negotiate quickly in order to "*conclude an agreement within 15 days when the request meets the terms and conditions of the reference offer or when the request only deviates minimally from the terms and conditions of the reference offer... For requests that do not fall within the scope of the reference offer, Proximus has to make every effort to conclude an agreement within a term of four months.*" "*The terms above only start once Proximus has received all necessary information from the alternative operator requesting access (address, financial situation, services requested, technical information on his own infrastructure, etc.*" (free translation)
BIPT contact	info@bipt.be
Most recent update	July 2020 (draft version of the reference offer adapted, still under construction at the BIPT)

Disclaimer:
The purpose of this sheet is to provide general information to the (candidate) operator; it does not replace the actual reference offer of the operator.